

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011819\
 Data File : BG039219.D
 Acq On : 18 Jan 2019 17:17
 Operator : JU/SJ
 Sample : PB116481BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Quant Time: Jan 18 21:55:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13667	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	58608	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43875	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	117512	20.00	ng	0.00
76) Chrysene-d12	21.67	240	118972	20.00	ng	0.00
87) Perylene-d12	24.94	264	123653	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	105318	146.18	ng	0.00
7) Phenol-d6	7.17	99	151137	145.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	84679	79.06	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	96719	131.51	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	251088	78.32	ng	0.00
79) Terphenyl-d14	20.01	244	521662	81.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	16256	57.618	ng	# 91
3) Pyridine	3.84	79	26421	34.464	ng	98
4) n-Nitrosodimethylamine	3.77	42	15994	46.363	ng	85
6) Aniline	7.34	93	39598	31.800	ng	99
8) 2-Chlorophenol	7.57	128	40034	47.139	ng	97
9) Benzaldehyde	7.15	77	11294	18.888	ng	88
10) Phenol	7.20	94	52900	50.889	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	32822	41.312	ng	96
12) 1,3-Dichlorobenzene	7.89	146	39471	38.791	ng	97
13) 1,4-Dichlorobenzene	8.04	146	39617	38.443	ng	98
14) 1,2-Dichlorobenzene	8.36	146	37685	38.354	ng	95
15) Benzyl Alcohol	8.25	79	32798	42.005	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	59404	38.993	ng	98
17) 2-Methylphenol	8.45	107	32465	44.977	ng	94
18) Hexachloroethane	9.08	117	14956	42.719	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	28490	41.844	ng	# 93
20) 3+4-Methylphenols	8.78	107	51501	50.044	ng	98
22) Acetophenone	8.84	105	58913	38.491	ng	# 96
24) Nitrobenzene	9.23	77	40879	37.760	ng	96
25) Isophorone	9.75	82	83203	45.097	ng	96
26) 2-Nitrophenol	9.94	139	23540	40.200	ng	97
27) 2,4-Dimethylphenol	9.99	122	41094	49.882	ng	86
28) bis(2-Chloroethoxy)methane	10.22	93	48607	43.836	ng	99
29) 2,4-Dichlorophenol	10.48	162	47119	46.039	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	48534	39.468	ng	98
31) Naphthalene	10.88	128	125654	42.747	ng	97
32) Benzoic acid	10.15	122	21837	44.063	ng	92
33) 4-Chloroaniline	11.00	127	29593	22.499	ng	96
34) Hexachlorobutadiene	11.13	225	32628	38.561	ng	95
35) Caprolactam	11.78	113	8271	20.153	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	49840	45.531	ng	91
37) 2-Methylnaphthalene	12.48	142	96882	43.961	ng	99
38) 1-Methylnaphthalene	12.48	142	96882	45.800	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	64231	38.981	ng	99

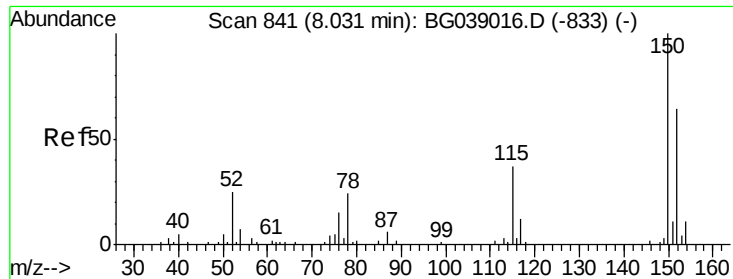
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011819\
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 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	72976	78.733	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	46497	44.835	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	49246	44.929	ng	97
46) 1,1'-Biphenyl	13.48	154	134787	38.770	ng	99
47) 2-Chloronaphthalene	13.53	162	106783	37.956	ng	99
48) 2-Nitroaniline	13.75	65	33584	42.610	ng	98
49) Acenaphthylene	14.38	152	177025	41.864	ng	99
50) Dimethylphthalate	14.10	163	148557	40.068	ng	100
51) 2,6-Dinitrotoluene	14.24	165	33878	40.870	ng	98
52) Acenaphthene	14.72	154	102418	40.312	ng	96
53) 3-Nitroaniline	14.57	138	23381	27.805	ng	94
54) 2,4-Dinitrophenol	14.78	184	43034	86.373	ng	95
55) Dibenzofuran	15.05	168	179954	40.105	ng	99
56) 4-Nitrophenol	14.88	139	52549	86.851	ng	99
57) 2,4-Dinitrotoluene	15.02	165	48442	40.733	ng	# 97
58) Fluorene	15.70	166	148400	43.938	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	46317	44.765	ng	99
60) Diethylphthalate	15.46	149	158489	41.489	ng	97
61) 4-Chlorophenyl-phenylether	15.68	204	83958	39.456	ng	97
62) 4-Nitroaniline	15.74	138	34642	39.546	ng	95
63) Azobenzene	15.98	77	127571	42.704	ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	33296	38.245	ng	97
66) n-Nitrosodiphenylamine	15.90	169	138550	39.772	ng	96
67) 4-Bromophenyl-phenylether	16.58	248	57798	38.263	ng	98
68) Hexachlorobenzene	16.70	284	61536	37.333	ng	97
69) Atrazine	16.84	200	58520	39.543	ng	99
70) Pentachlorophenol	17.05	266	63700	63.814	ng	97
71) Phenanthrene	17.44	178	263584	42.436	ng	99
72) Anthracene	17.53	178	271120	44.147	ng	99
73) Carbazole	17.81	167	234800	38.729	ng	99
74) Di-n-butylphthalate	18.34	149	276319	40.970	ng	99
75) Fluoranthene	19.45	202	325307	42.247	ng	100
77) Benzidine	19.64	184	118895	32.673	ng	99
78) Pyrene	19.82	202	324245	42.765	ng	99
80) Butylbenzylphthalate	20.68	149	123659	42.882	ng	97
81) Benzo(a)anthracene	21.66	228	311916	43.068	ng	100
82) 3,3'-Dichlorobenzidine	21.57	252	72753	24.655	ng	96
83) Chrysene	21.72	228	297594	43.204	ng	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	168995	42.206	ng	98
85) Di-n-octyl phthalate	22.73	149	294794	43.541	ng	100
86) Indeno(1,2,3-cd)pyrene	28.67	276	361480	43.918	ng	# 97
88) Benzo(b)fluoranthene	23.89	252	310139	45.487	ng	99
89) Benzo(k)fluoranthene	23.96	252	301951	44.791	ng	98
90) Benzo(a)pyrene	24.78	252	293314	44.507	ng	98
91) Dibenzo(a,h)anthracene	28.73	278	298733	45.572	ng	100
92) Benzo(g,h,i)perylene	29.85	276	293820	45.276	ng	97

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

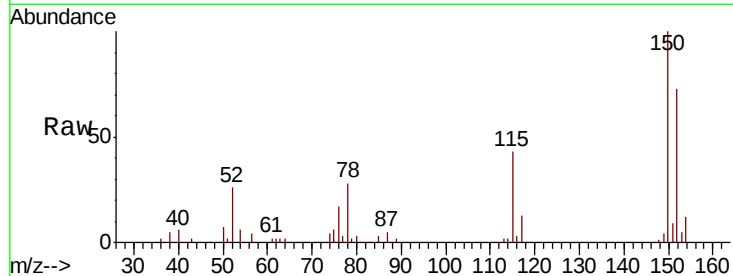


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Instrument :
BNA_G
ClientSampleId :
PB116481BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	136.9	124.7	187.1
115	58.8	46.5	69.7

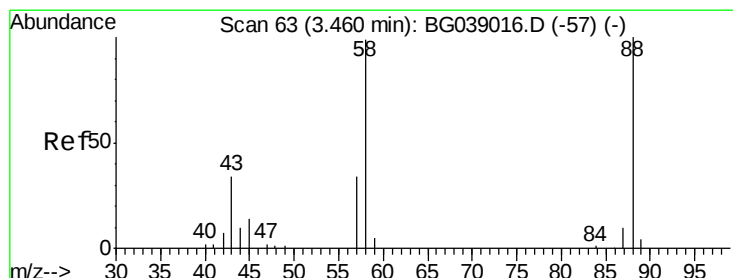
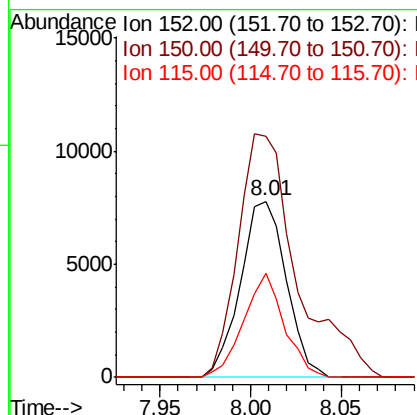
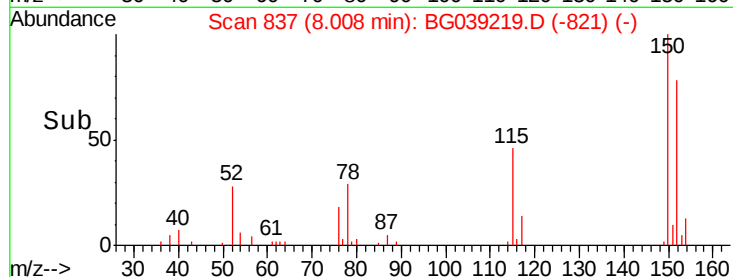


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

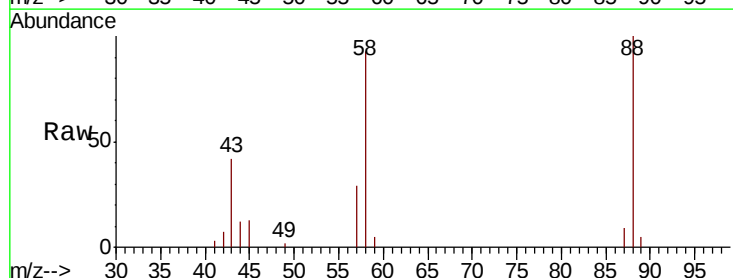
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 57.618 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.9	72.4	108.6
43	42.1	27.6	41.4

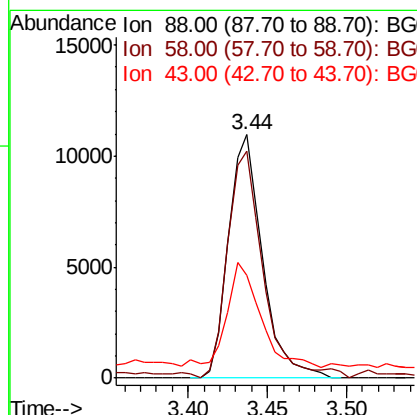
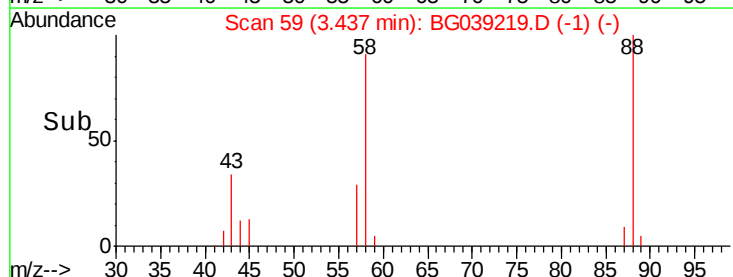


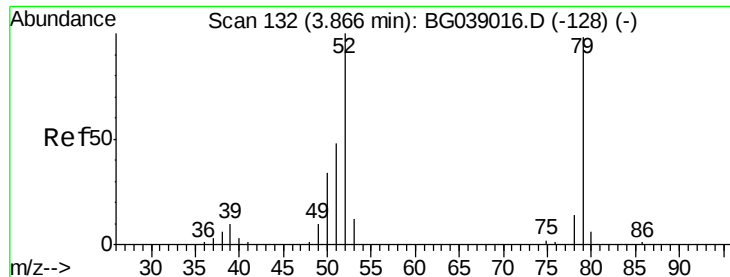
Abundance

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

Pyridine

Concen: 34.464 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

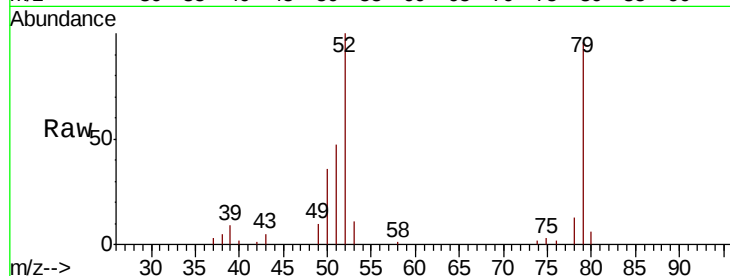
Tgt Ion: 79 Resp: 26421

Ion Ratio Lower Upper

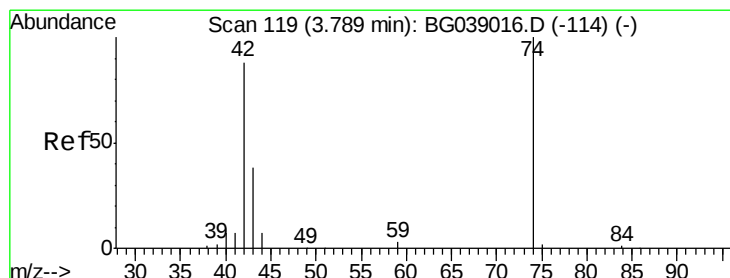
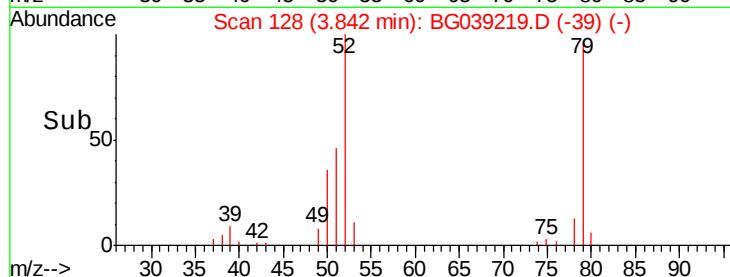
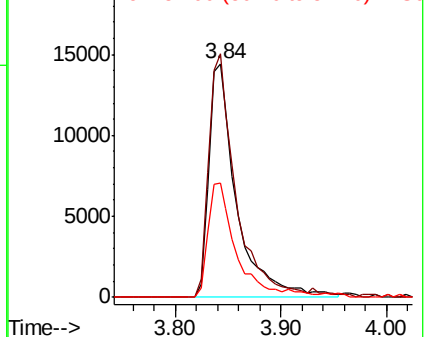
79 100

52 104.1 81.5 122.3

51 49.1 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: 46.363 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

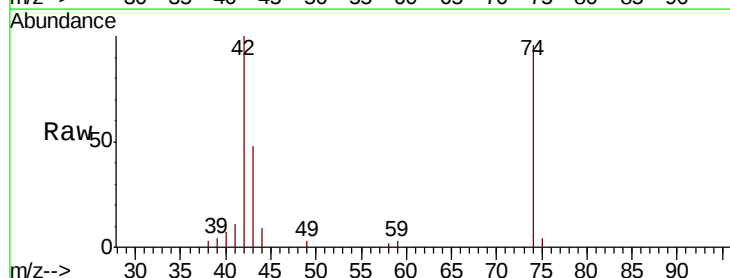
Tgt Ion: 42 Resp: 15994

Ion Ratio Lower Upper

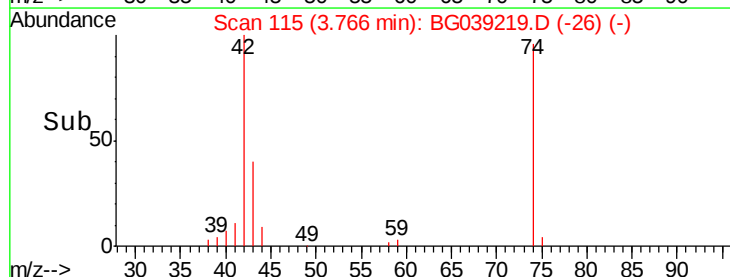
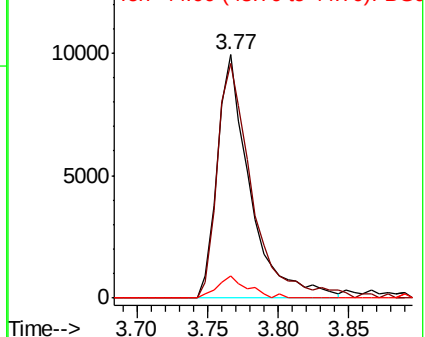
42 100

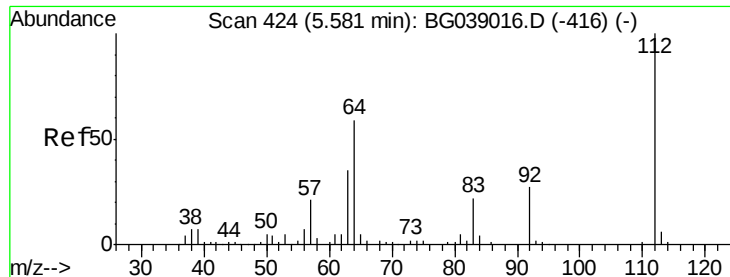
74 96.3 90.7 136.1

44 9.2 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: 146.182 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

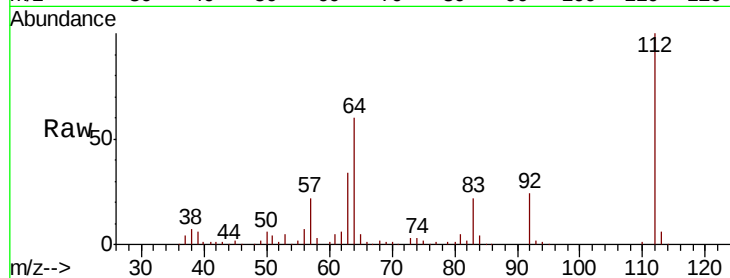
Tgt Ion: 112 Resp: 105318

Ion Ratio Lower Upper

112 100

64 59.6 47.0 70.6

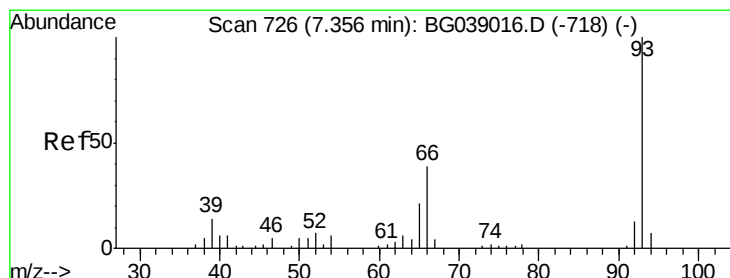
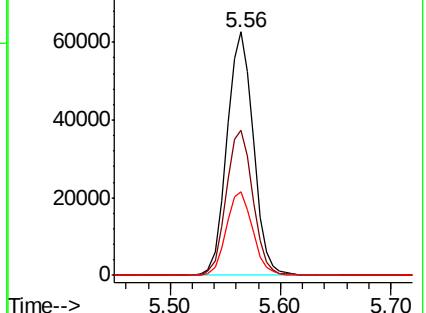
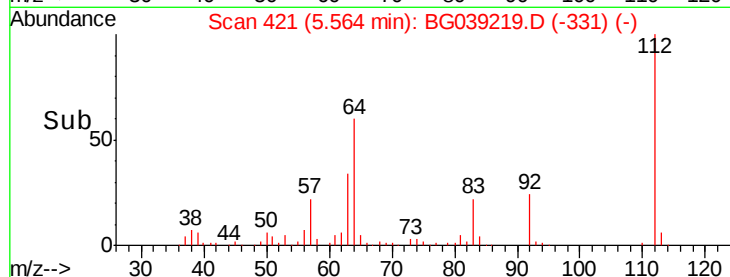
63 34.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.800 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

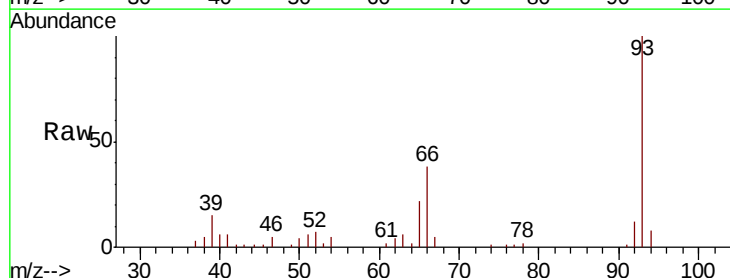
Tgt Ion: 93 Resp: 39598

Ion Ratio Lower Upper

93 100

66 38.3 30.9 46.3

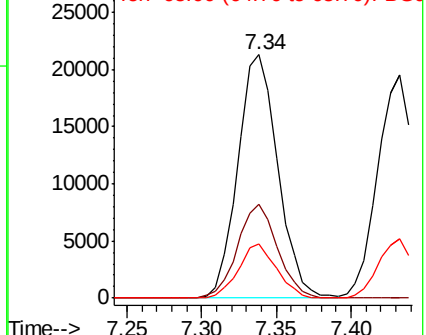
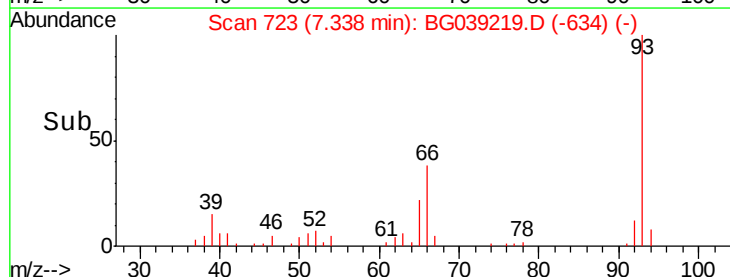
65 22.2 17.0 25.4

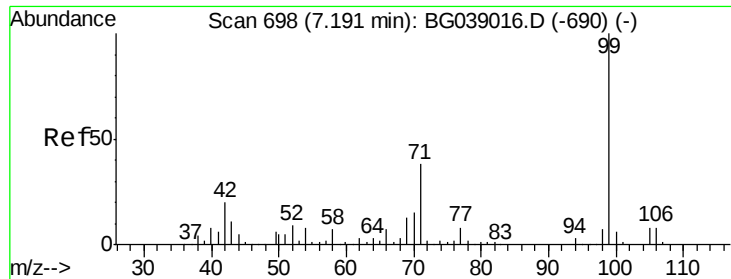


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.767 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

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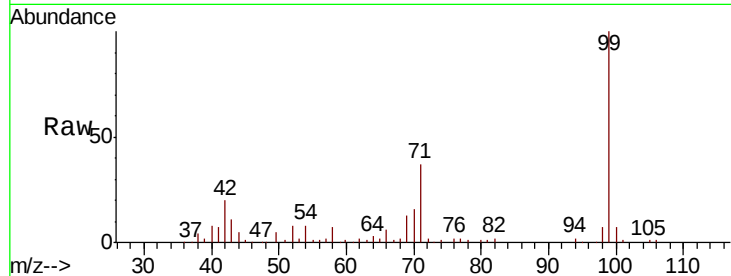
Tgt Ion: 99 Resp: 151137

Ion Ratio Lower Upper

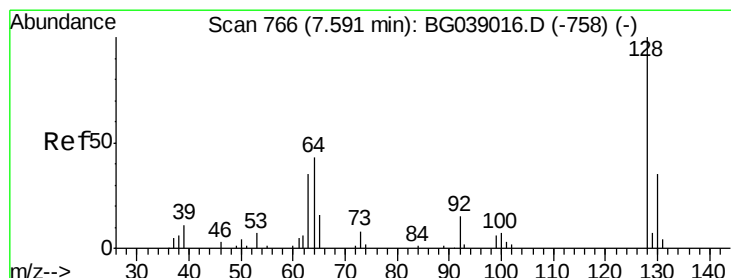
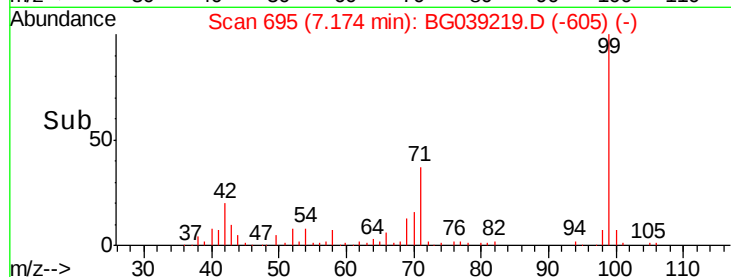
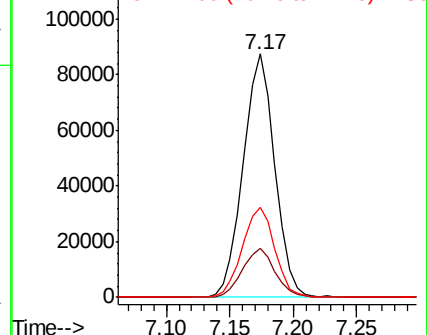
99 100

42 20.1 15.8 23.6

71 37.0 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: 47.139 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

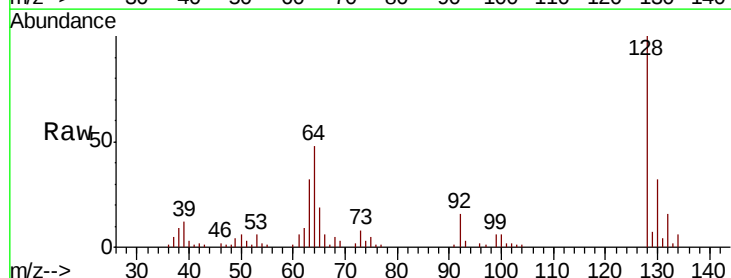
Tgt Ion: 128 Resp: 40034

Ion Ratio Lower Upper

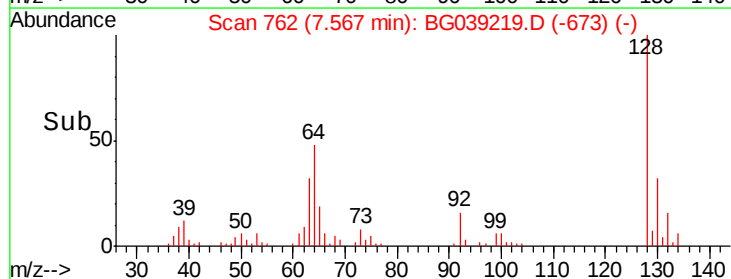
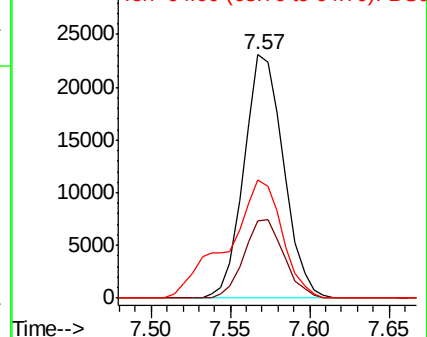
128 100

130 31.5 14.5 54.5

64 48.3 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: 18.888 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

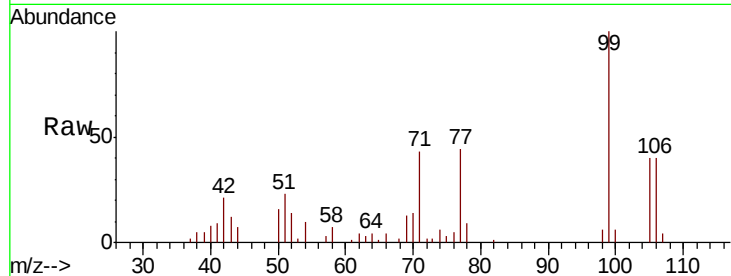
Tgt Ion: 77 Resp: 11294

Ion Ratio Lower Upper

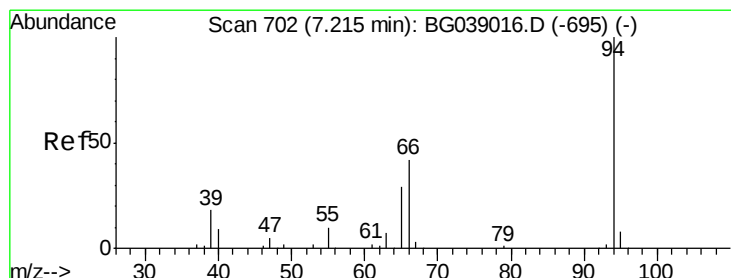
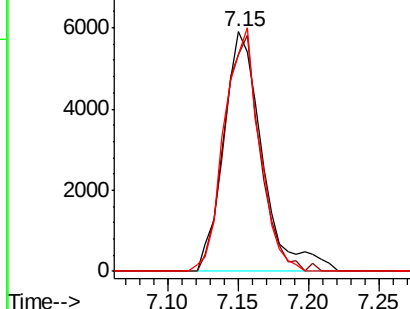
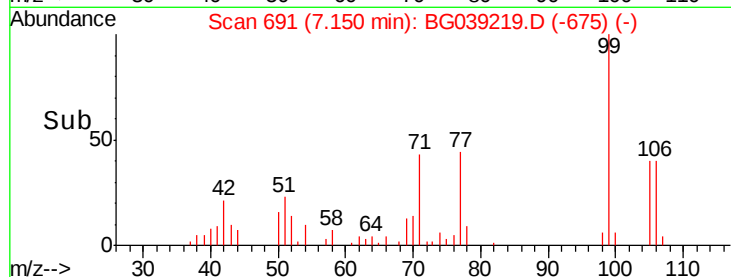
77 100

105 90.9 82.4 122.4

106 90.8 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: 50.889 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

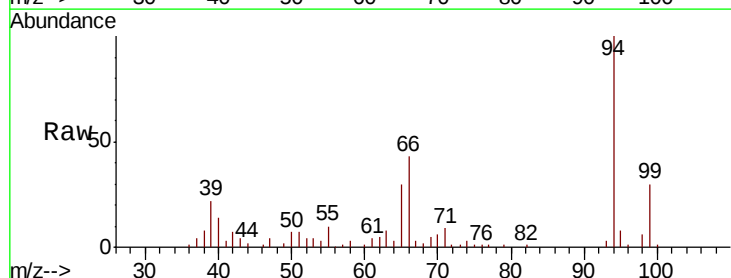
Tgt Ion: 94 Resp: 52900

Ion Ratio Lower Upper

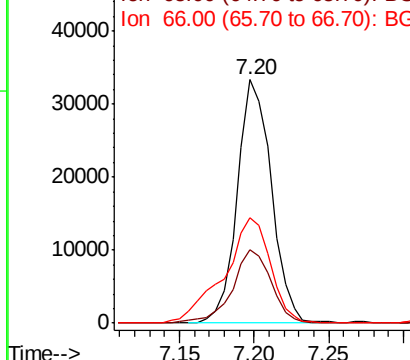
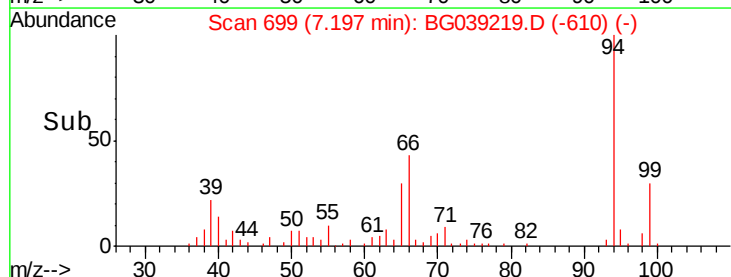
94 100

65 30.3 10.3 50.3

66 43.2 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

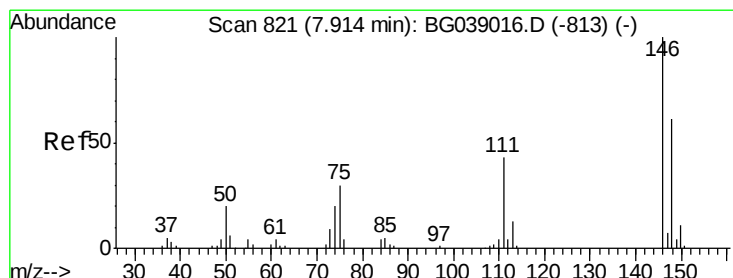
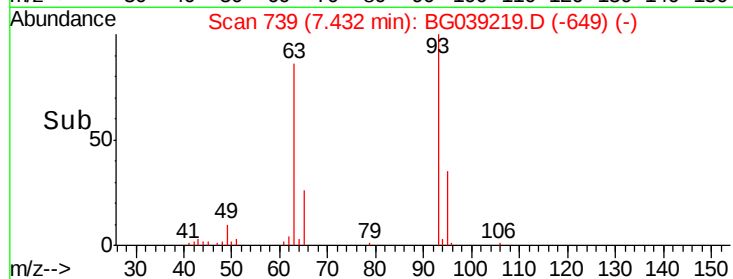
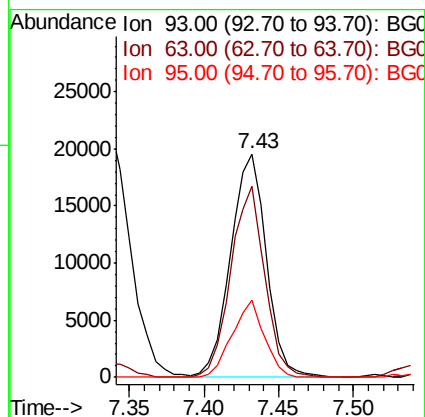
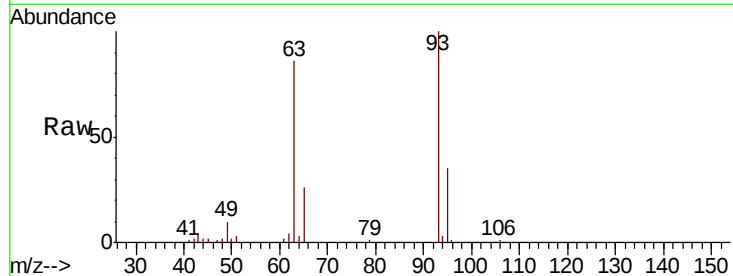




#11
bis(2-Chloroethyl)ether
Concen: 41.312 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

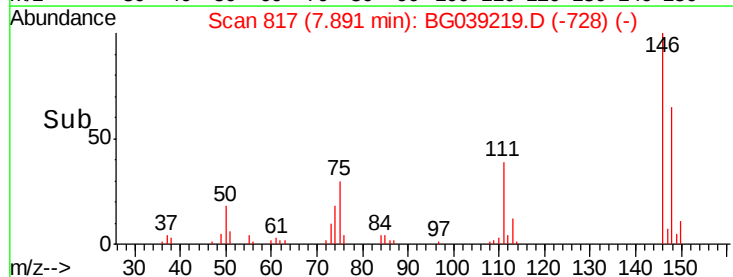
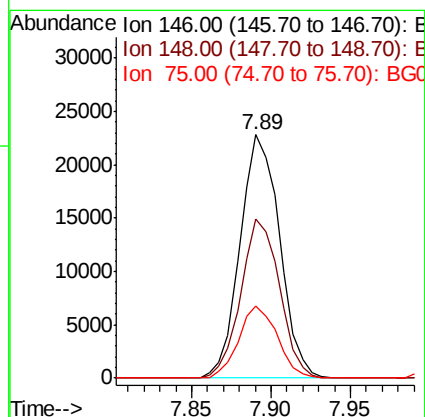
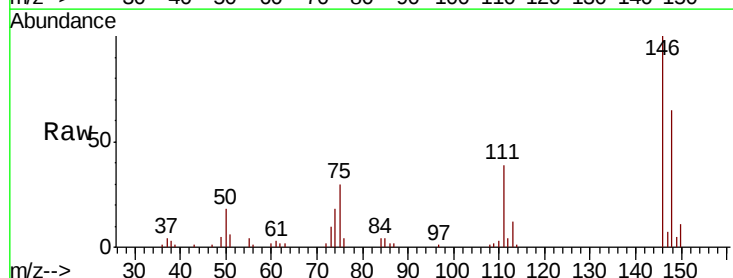
Instrument :
BNA_G
ClientSampleId :
PB116481BS

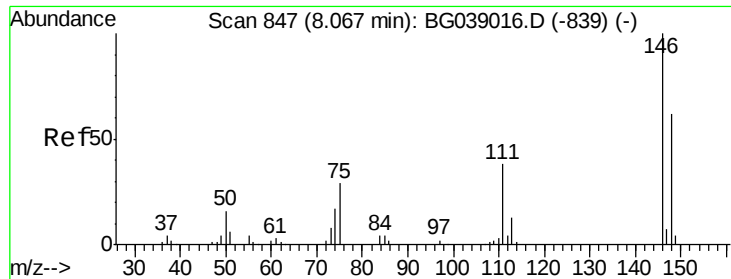
Tgt Ion: 93 Resp: 32822
Ion Ratio Lower Upper
93 100
63 85.5 63.2 103.2
95 34.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.791 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion: 146 Resp: 39471
Ion Ratio Lower Upper
146 100
148 65.2 49.1 73.7
75 29.7 23.9 35.9

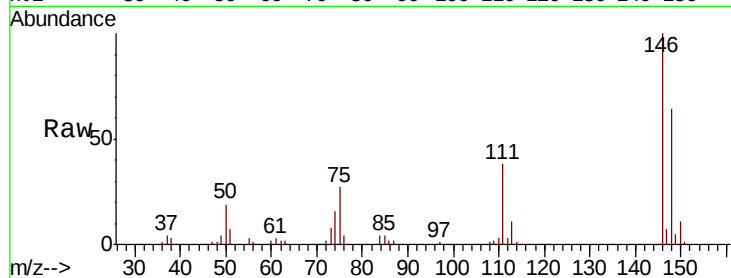




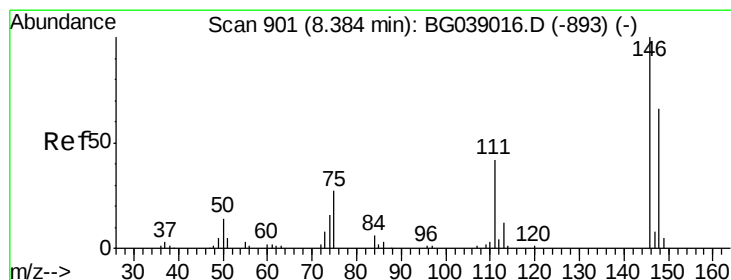
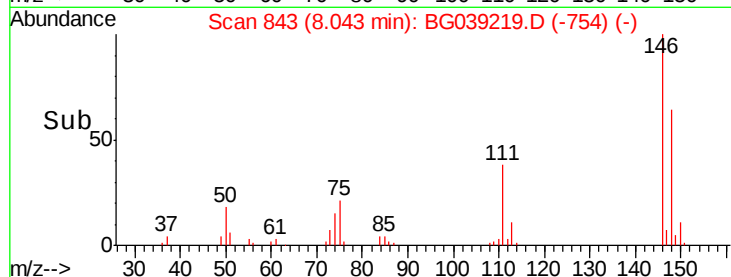
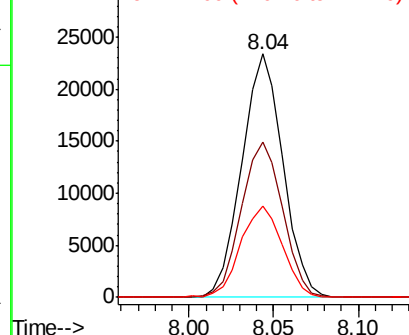
#13
 1,4-Dichlorobenzene
 Concen: 38.443 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion:146 Resp: 39617
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.8 74.6
 111 37.5 30.6 45.8

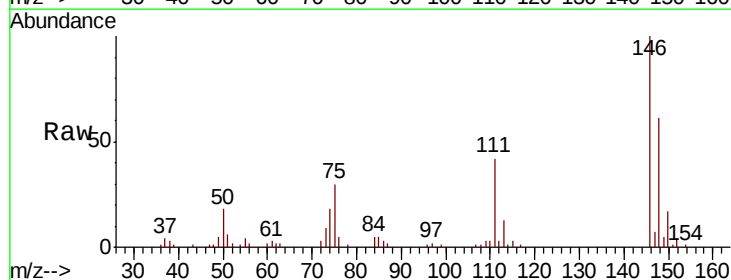


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

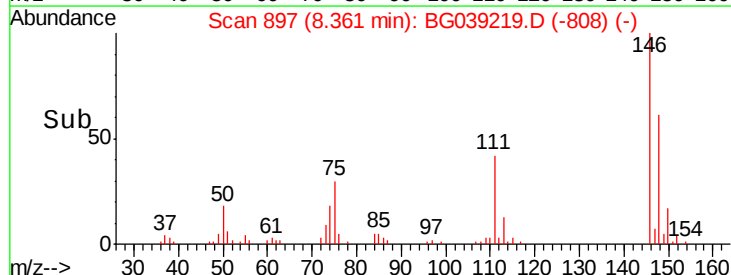
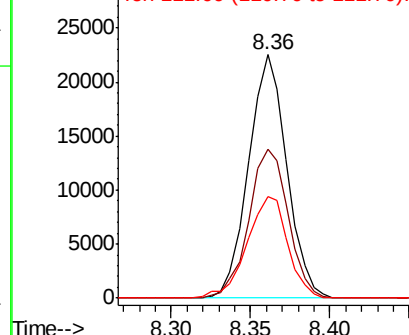


#14
 1,2-Dichlorobenzene
 Concen: 38.354 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion:146 Resp: 37685
 Ion Ratio Lower Upper
 146 100
 148 61.0 52.6 79.0
 111 41.8 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 42.005 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

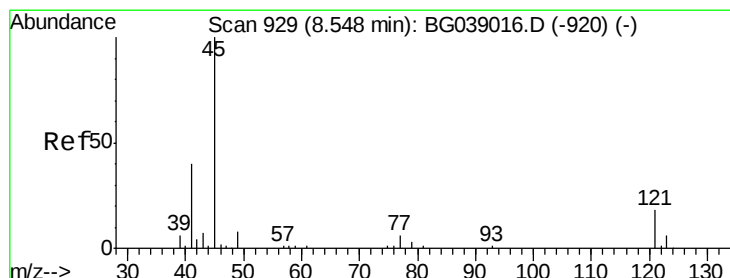
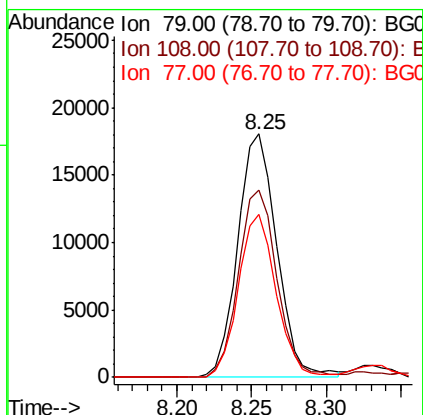
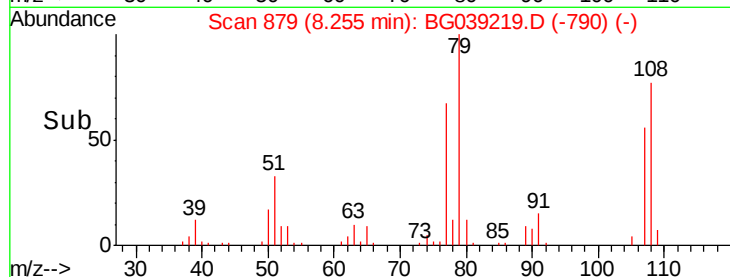
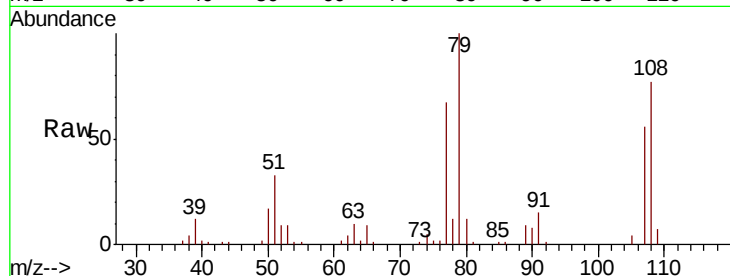
Tgt Ion: 79 Resp: 32798

Ion Ratio Lower Upper

79 100

108 76.9 62.0 93.0

77 67.0 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.993 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

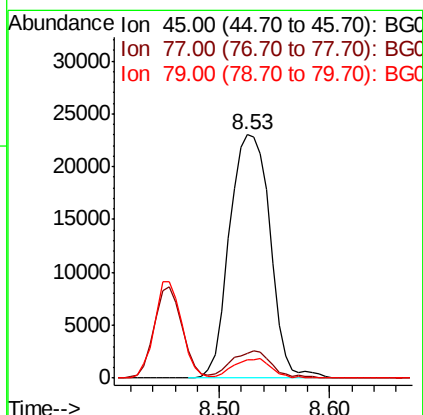
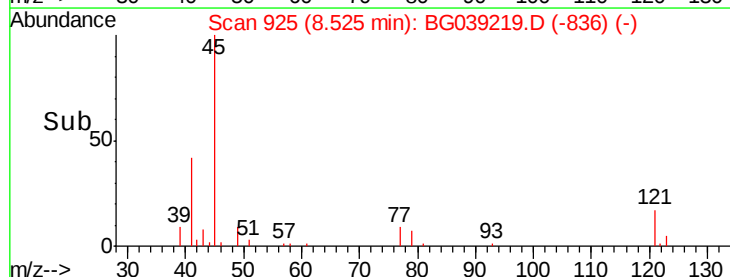
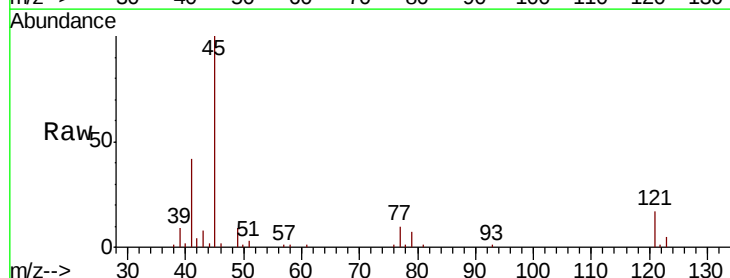
Tgt Ion: 45 Resp: 59404

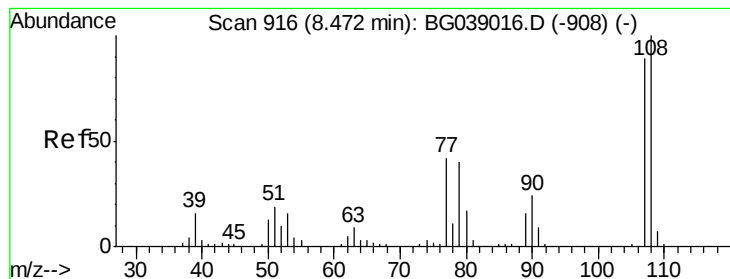
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.7

79 7.4 0.0 28.5





#17

2-Methylphenol

Concen: 44.977 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

Tgt Ion:107 Resp: 32465

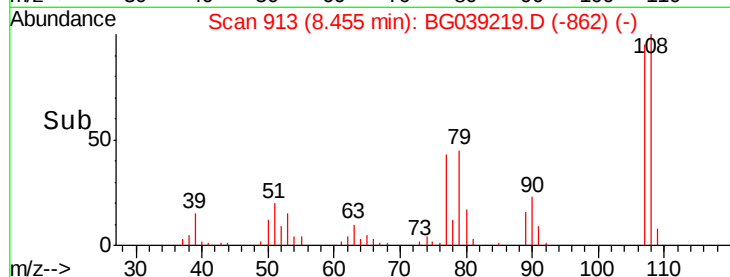
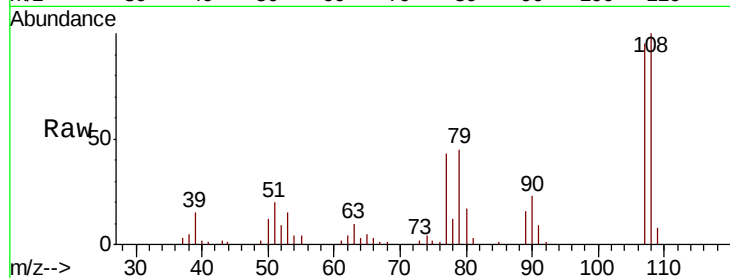
Ion Ratio Lower Upper

107 100

108 105.2 90.3 135.5

77 45.3 38.3 57.5

79 47.4 35.8 53.6



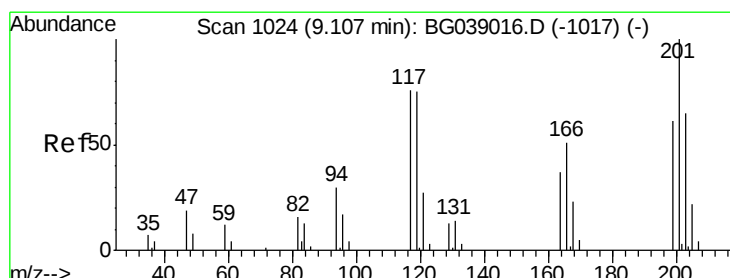
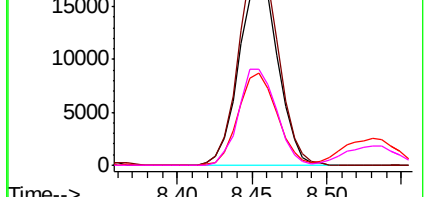
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time-->



#18

Hexachloroethane

Concen: 42.719 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

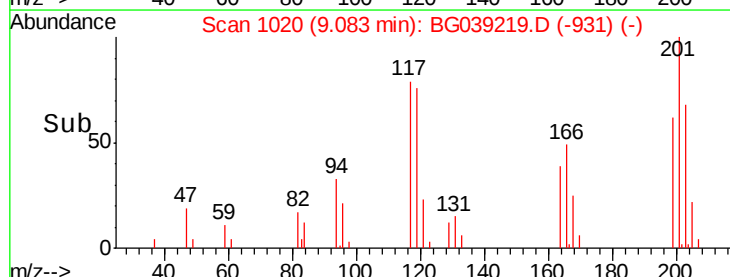
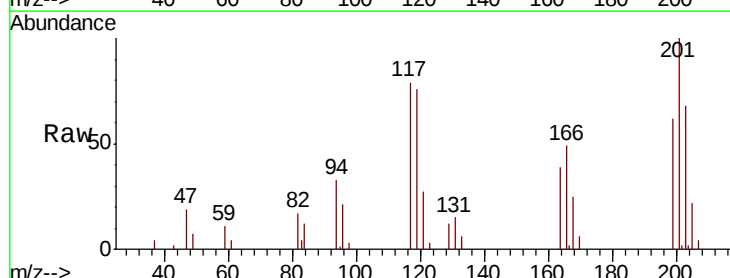
Tgt Ion:117 Resp: 14956

Ion Ratio Lower Upper

117 100

119 95.5 78.7 118.1

201 129.3 108.1 162.1

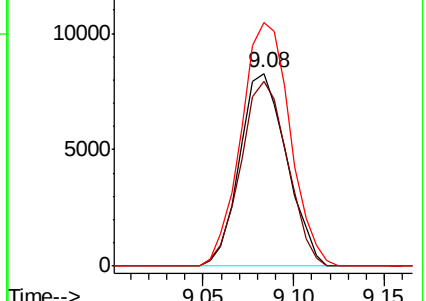


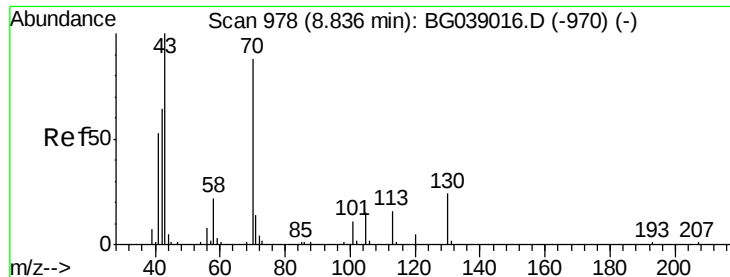
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

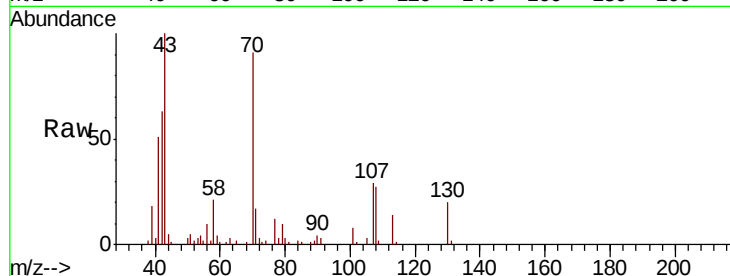




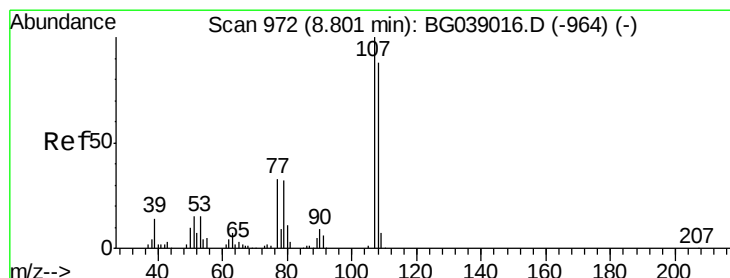
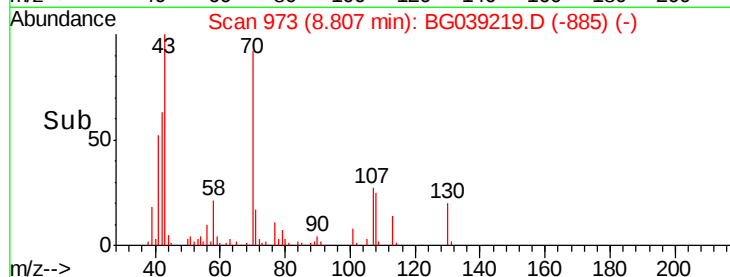
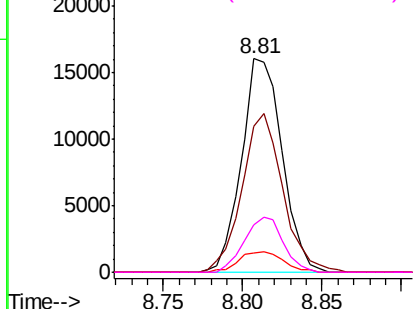
#19
n-Nitroso-di-n-propylamine
Concen: 41.844 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Instrument :
BNA_G
ClientSampleId :
PB116481BS

Tgt Ion:	70	Resp:	28490
Ion	Ratio	Lower	Upper
70	100		
42	68.6	59.0	88.4
101	9.1	10.4	15.6
130	22.1	21.6	32.4

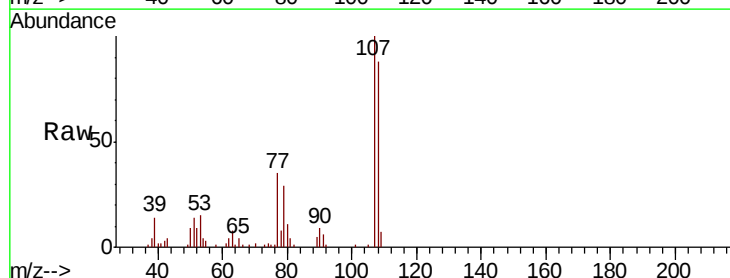


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

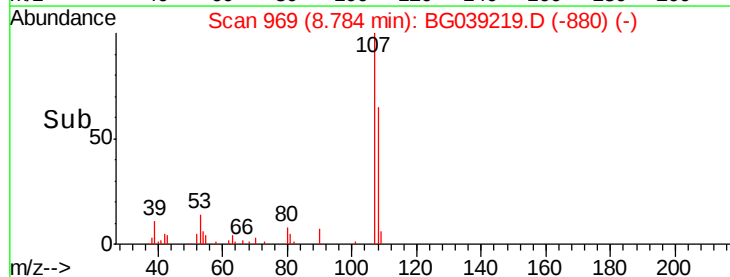
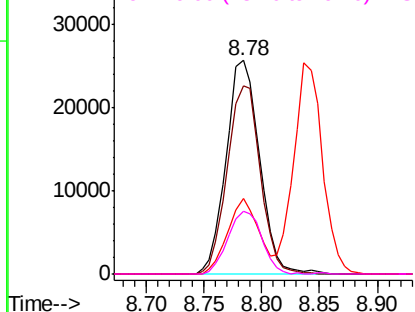


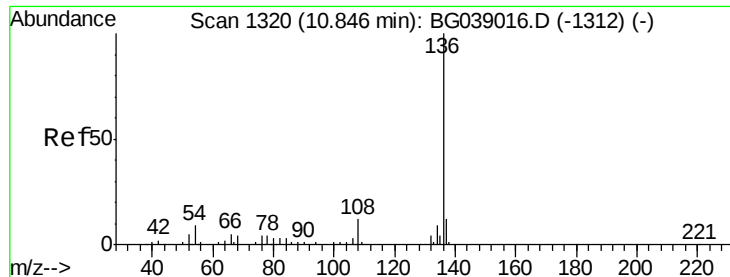
#20
3+4-Methylphenols
Concen: 50.044 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion:	107	Resp:	51501
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.4	108.4
77	35.1	13.3	53.3
79	29.3	11.6	51.6



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

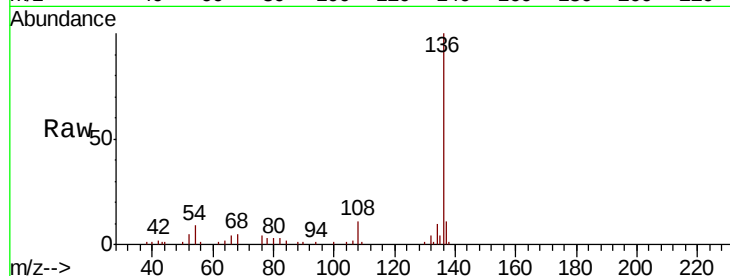




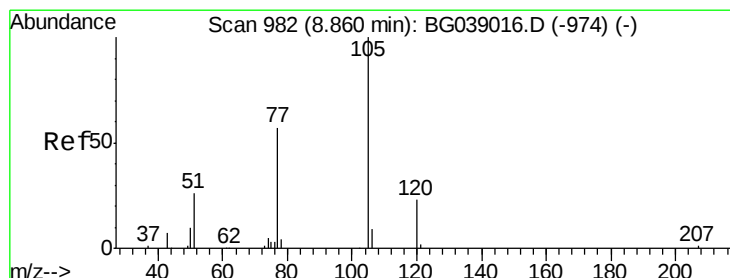
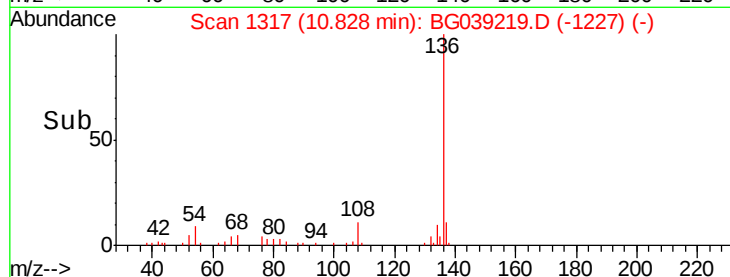
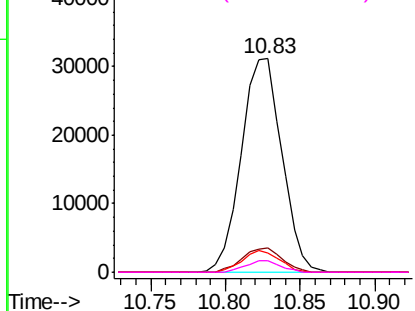
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Instrument :
BNA_G
ClientSampleId :
PB116481BS

Tgt Ion:	136	Resp:	58608
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	8.8	7.2	10.8
68	5.5	3.5	5.3#

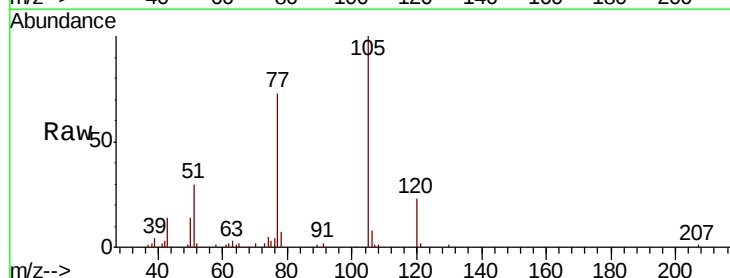


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

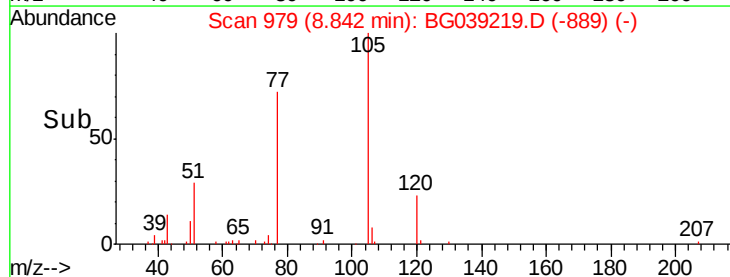
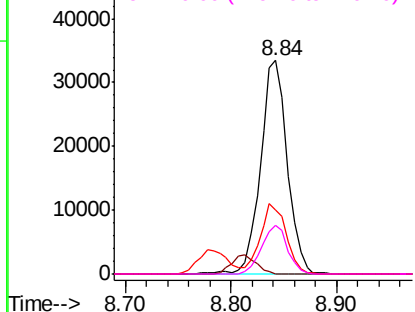


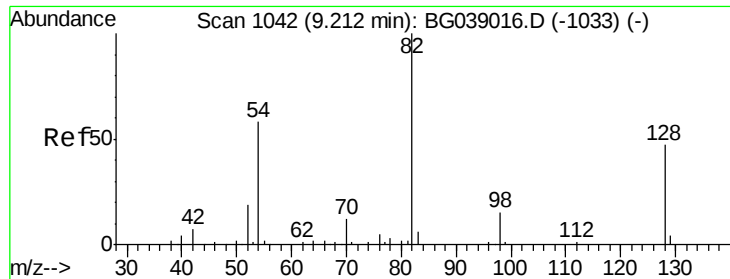
#22
Acetophenone
Concen: 38.491 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion:	105	Resp:	58913
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	29.8	26.6	39.8
120	23.0	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

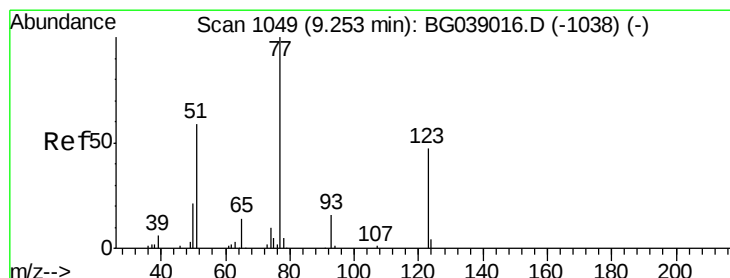
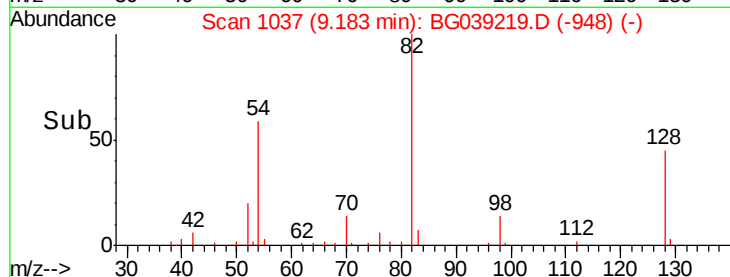
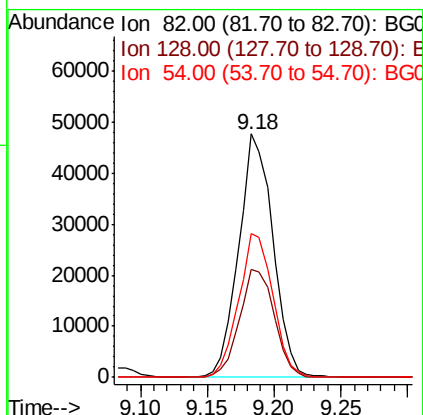
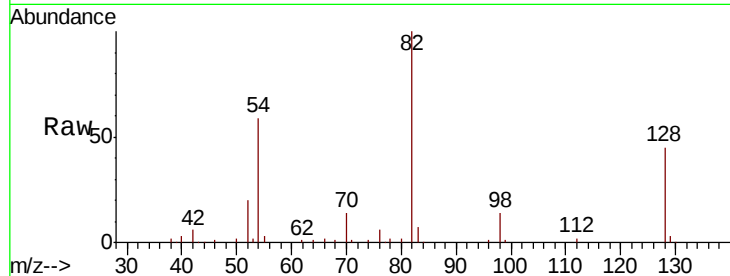




#23
 Nitrobenzene-d5
 Concen: 79.061 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

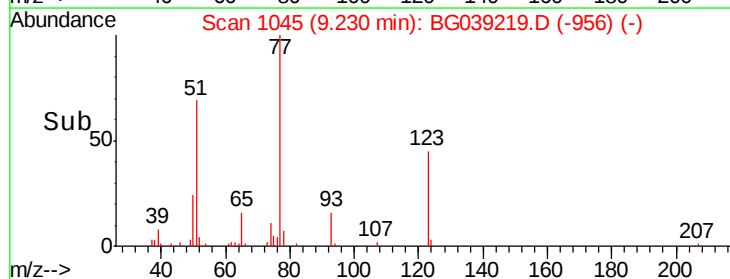
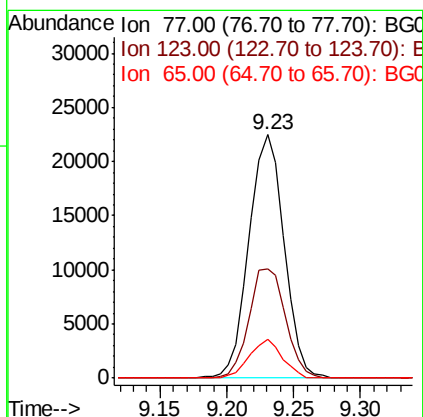
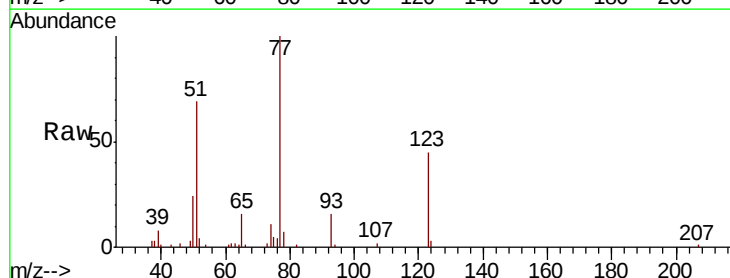
Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion: 82 Resp: 84679
 Ion Ratio Lower Upper
 82 100
 128 44.5 37.3 55.9
 54 59.1 46.4 69.6



#24
 Nitrobenzene
 Concen: 37.760 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion: 77 Resp: 40879
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.6 56.4
 65 15.8 11.0 16.6

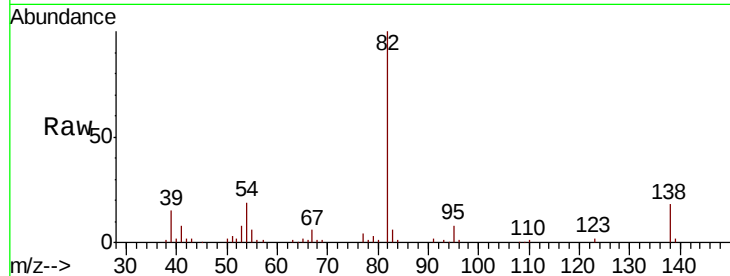




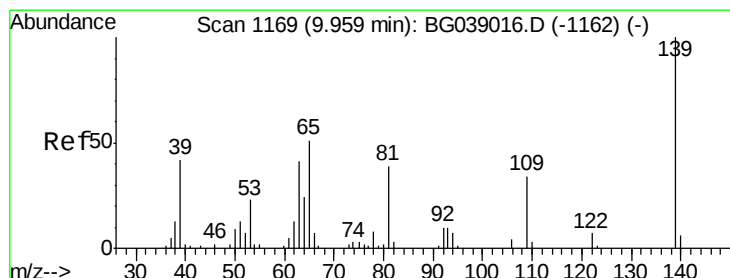
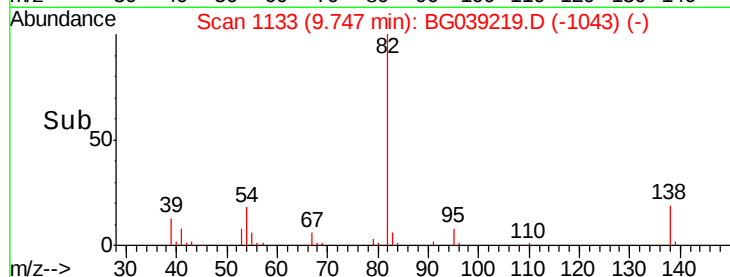
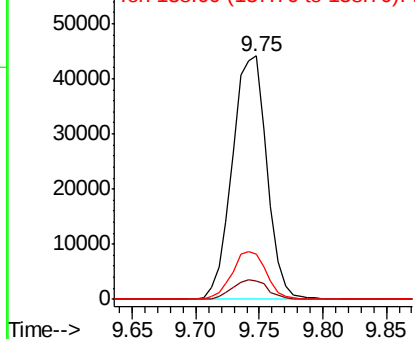
#25
Isophorone
Concen: 45.097 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Instrument :
BNA_G
ClientSampleId :
PB116481BS

Tgt Ion: 82 Resp: 83203
Ion Ratio Lower Upper
82 100
95 7.7 7.0 10.6
138 18.4 16.2 24.4

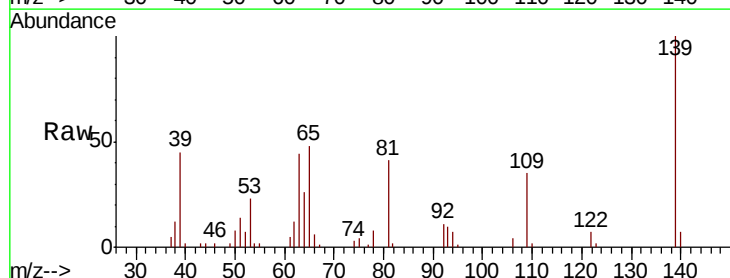


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

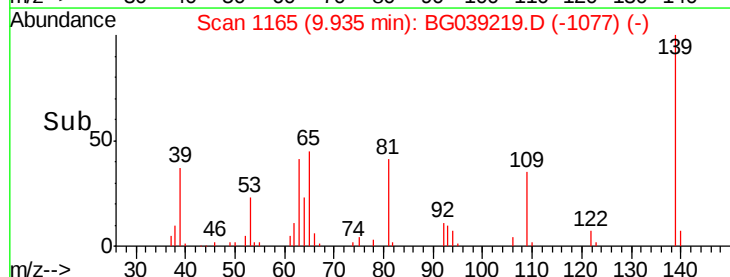
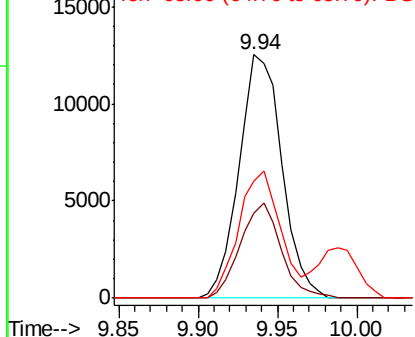


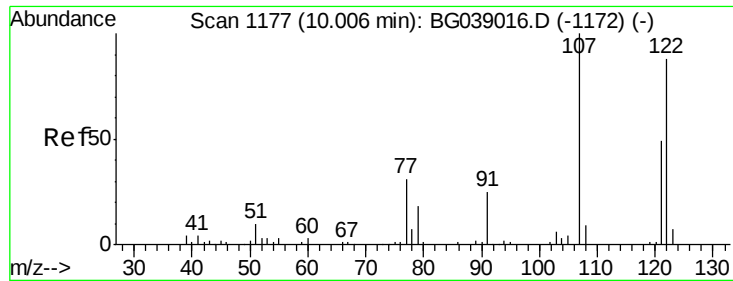
#26
2-Nitrophenol
Concen: 40.200 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion: 139 Resp: 23540
Ion Ratio Lower Upper
139 100
109 34.8 27.3 40.9
65 48.3 40.6 61.0



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

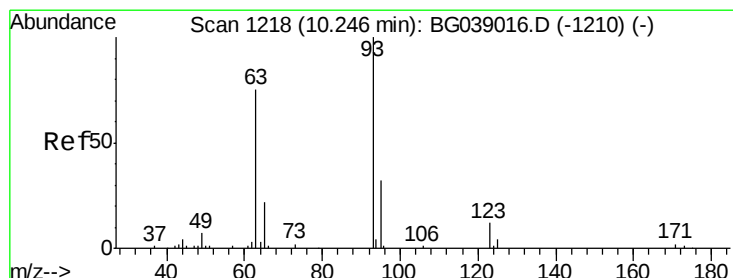
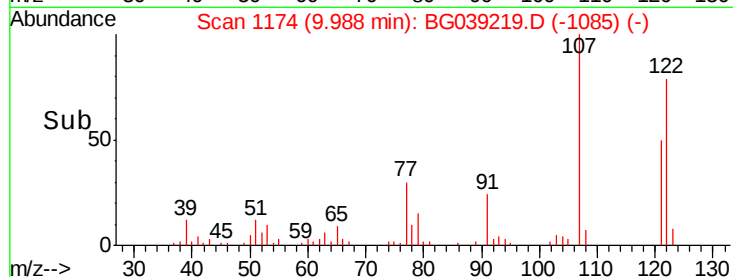
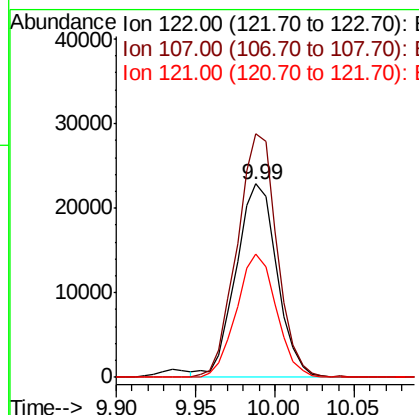
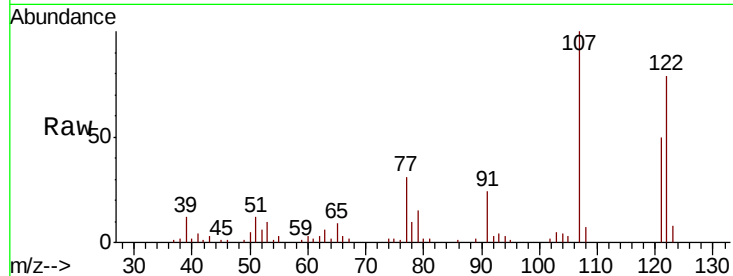




#27
 2,4-Dimethylphenol
 Concen: 49.882 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

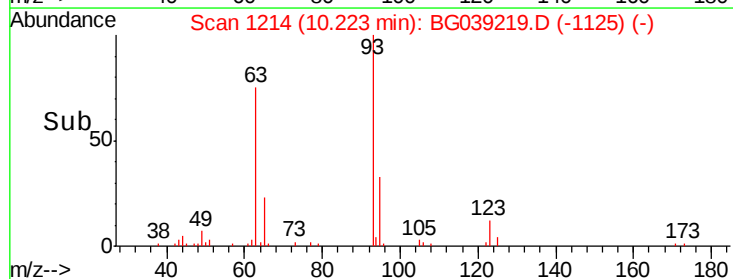
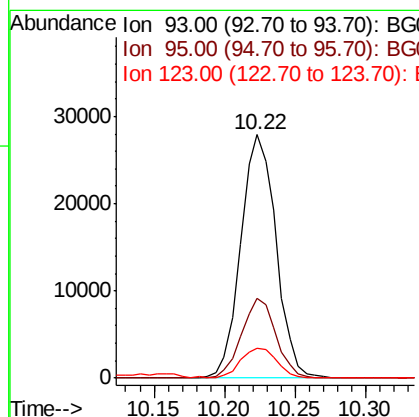
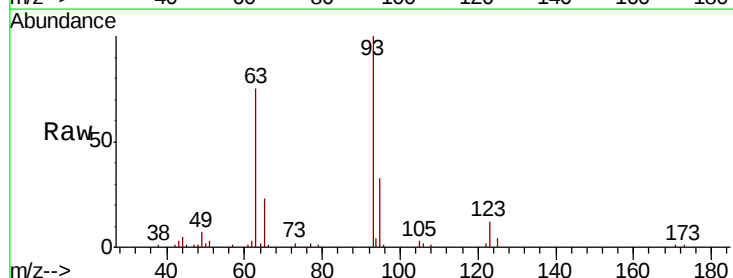
Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

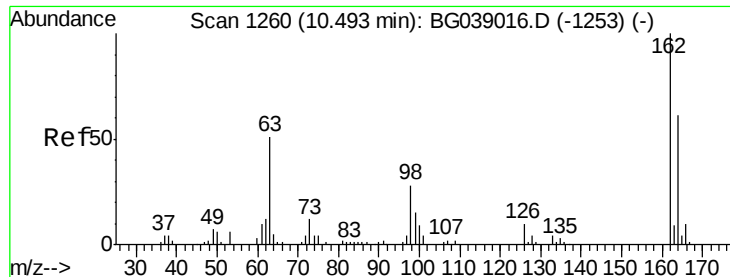
Tgt Ion: 122 Resp: 41094
 Ion Ratio Lower Upper
 122 100
 107 125.8 88.8 133.2
 121 63.5 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.836 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion: 93 Resp: 48607
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.6 38.4
 123 12.4 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 46.039 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

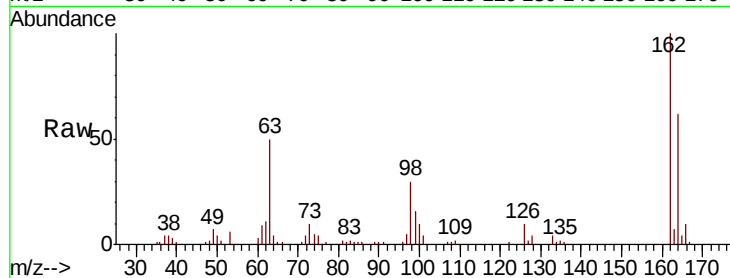
Tgt Ion:162 Resp: 47119

Ion Ratio Lower Upper

162 100

164 62.4 41.3 81.3

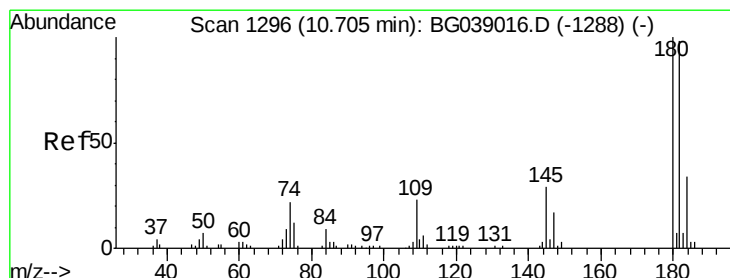
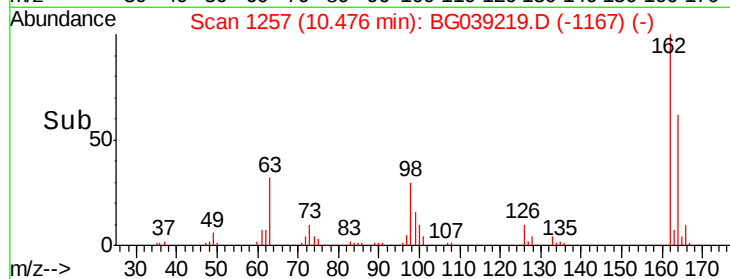
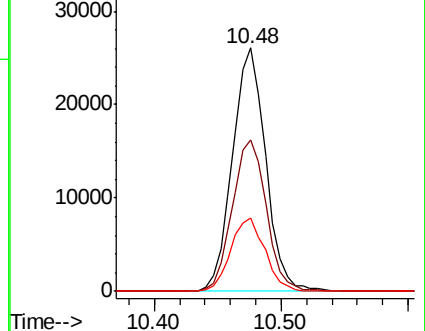
98 30.0 8.3 48.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.468 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

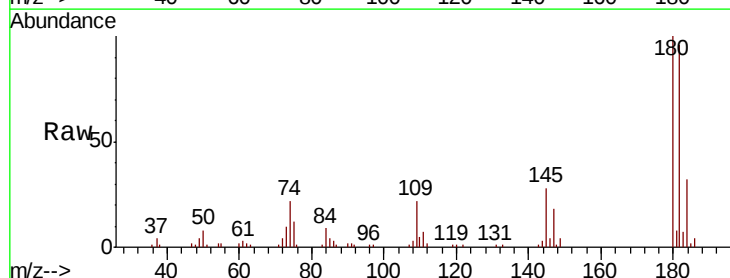
Tgt Ion:180 Resp: 48534

Ion Ratio Lower Upper

180 100

182 95.8 78.1 117.1

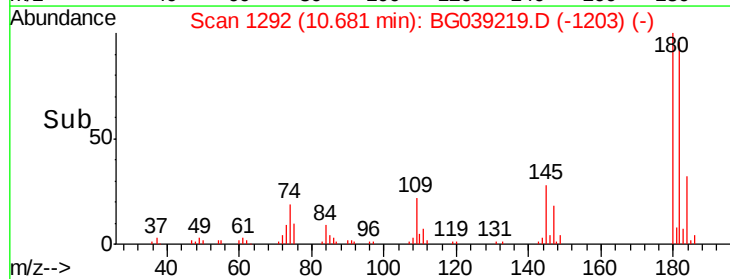
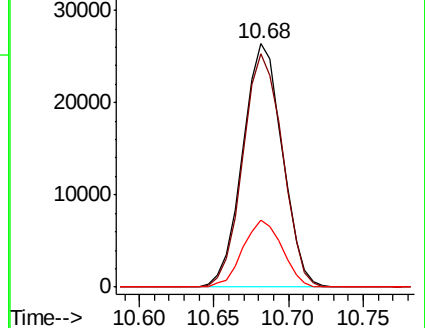
145 27.7 23.1 34.7



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

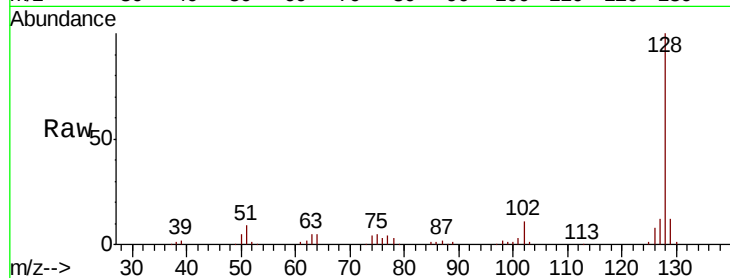




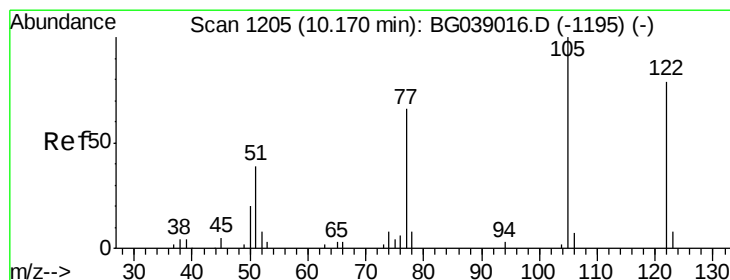
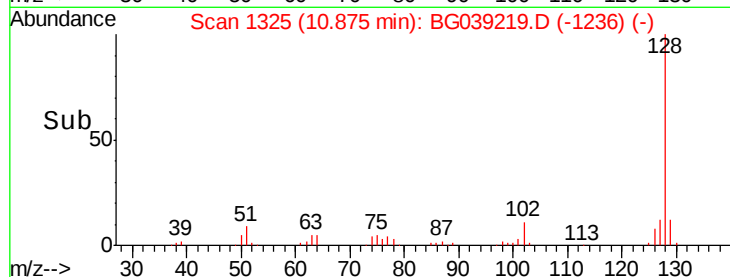
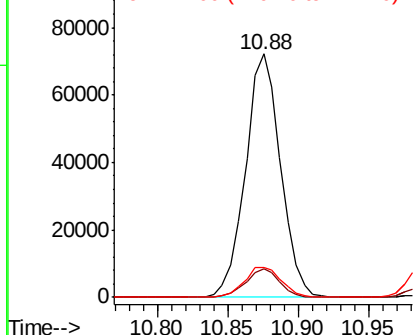
#31
Naphthalene
Concen: 42.747 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Instrument :
BNA_G
ClientSampleId :
PB116481BS

Tgt Ion:128 Resp: 125654
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 12.3 11.2 16.8

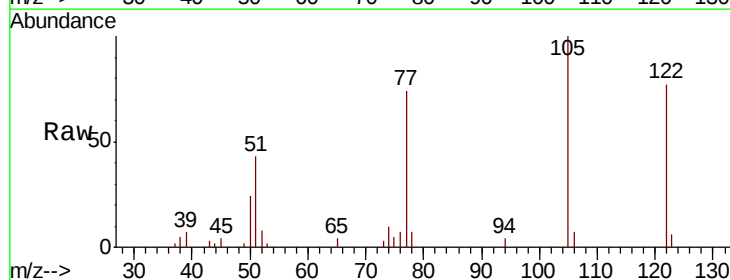


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

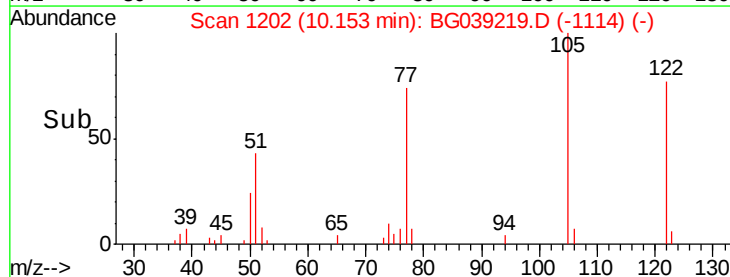
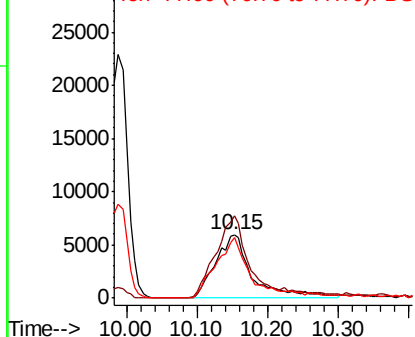


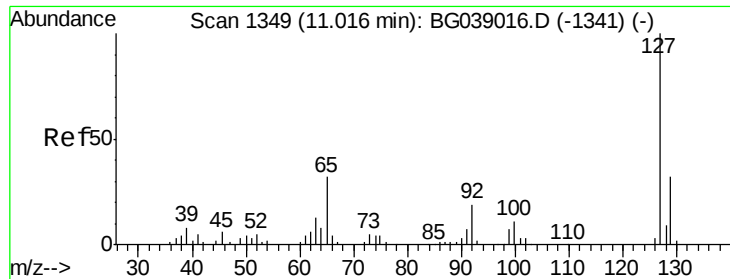
#32
Benzoic acid
Concen: 44.063 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion:122 Resp: 21837
Ion Ratio Lower Upper
122 100
105 130.6 106.4 146.4
77 96.0 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): BGO

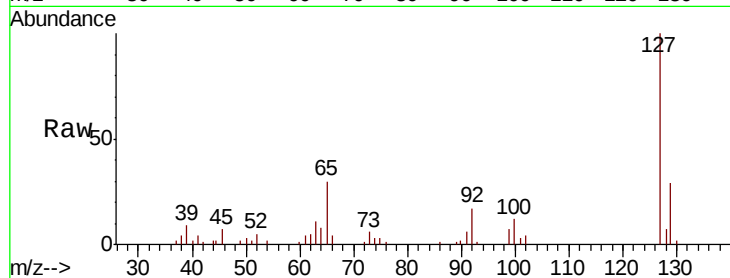




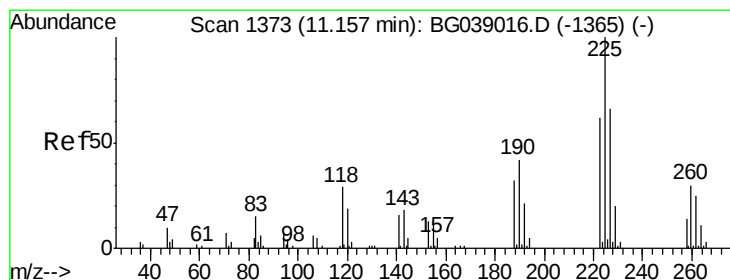
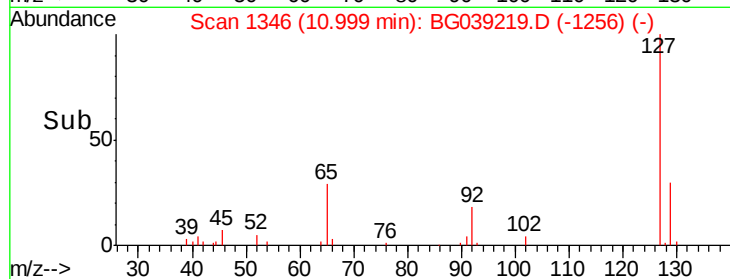
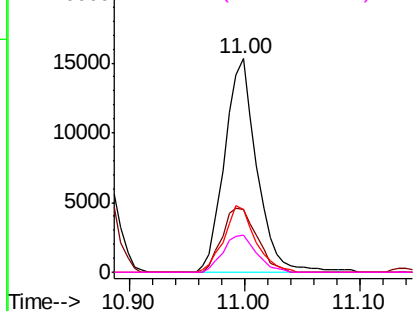
#33
4-Chloroaniline
Concen: 22.499 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Instrument :
BNA_G
ClientSampleId :
PB116481BS

Tgt Ion:127 Resp: 29593
Ion Ratio Lower Upper
127 100
129 29.4 25.4 38.0
65 29.5 25.4 38.0
92 17.5 15.2 22.8

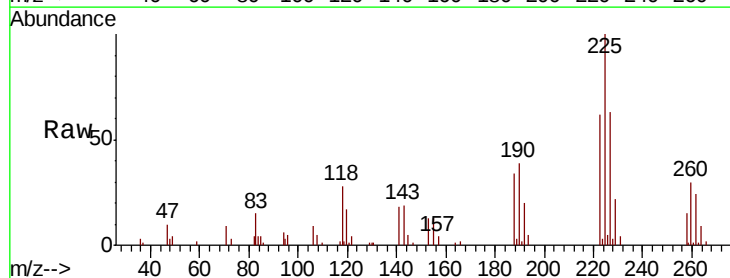


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

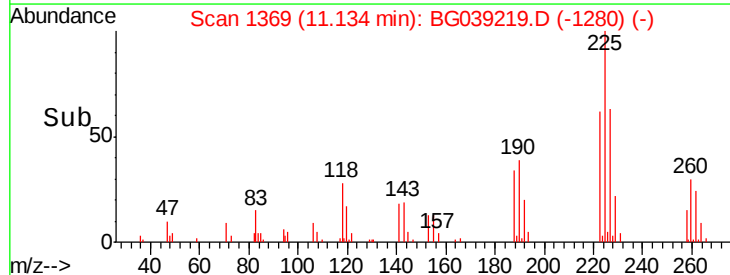
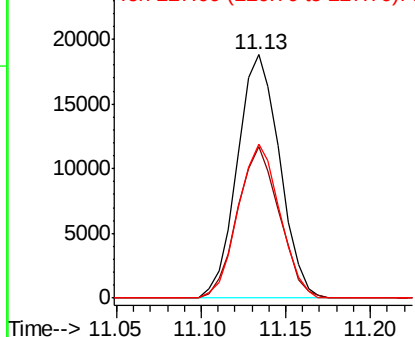


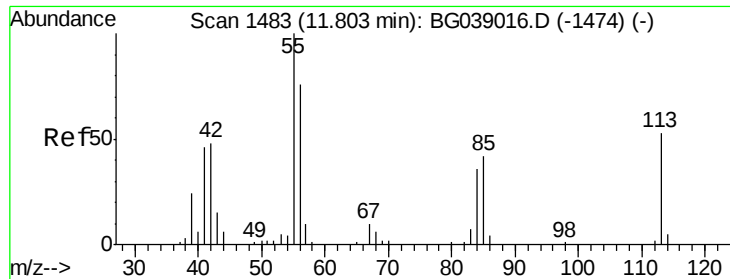
#34
Hexachlorobutadiene
Concen: 38.561 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion:225 Resp: 32628
Ion Ratio Lower Upper
225 100
223 59.0 50.2 75.4
227 62.6 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: 20.153 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

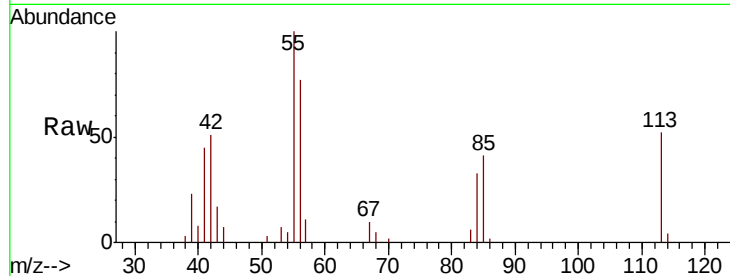
Tgt Ion:113 Resp: 8271

Ion Ratio Lower Upper

113 100

55 193.4 168.6 208.6

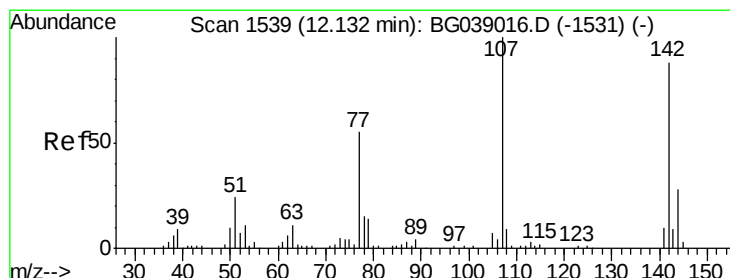
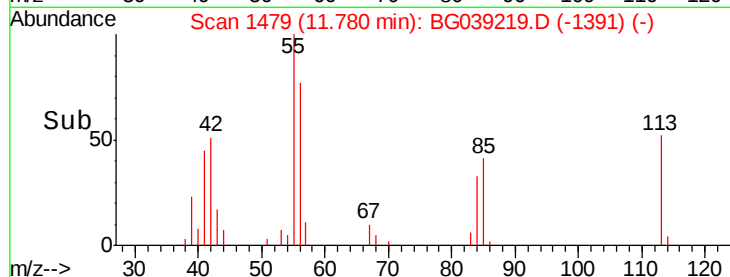
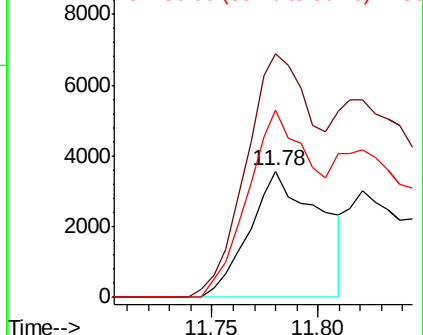
56 148.3 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.531 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

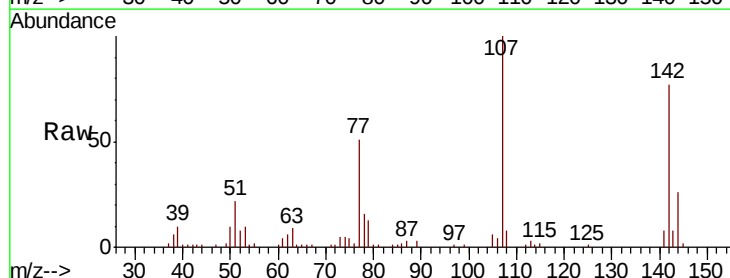
Tgt Ion:107 Resp: 49840

Ion Ratio Lower Upper

107 100

144 26.1 22.6 34.0

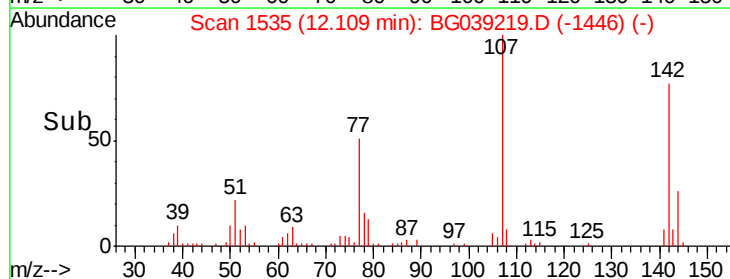
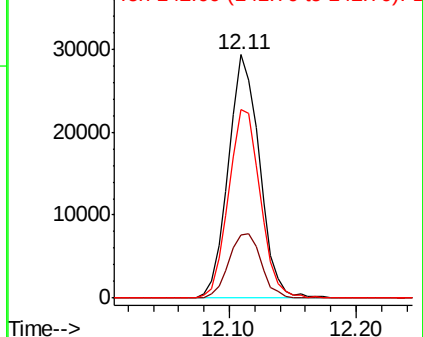
142 77.4 70.2 105.4

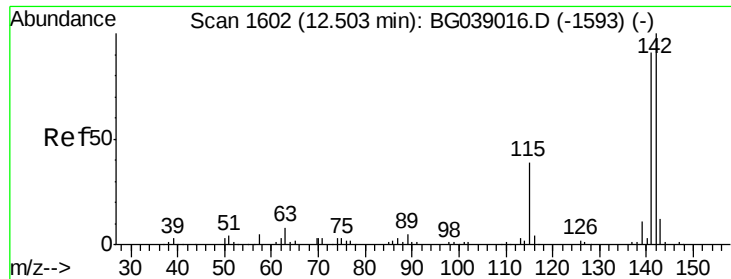


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

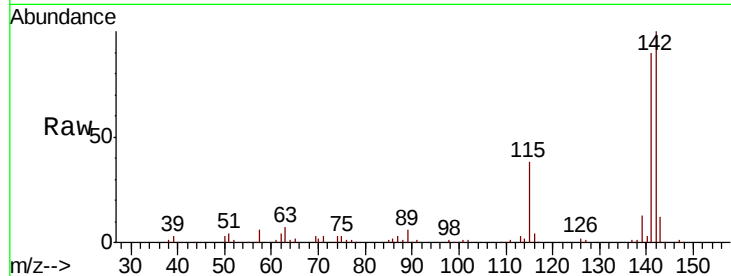




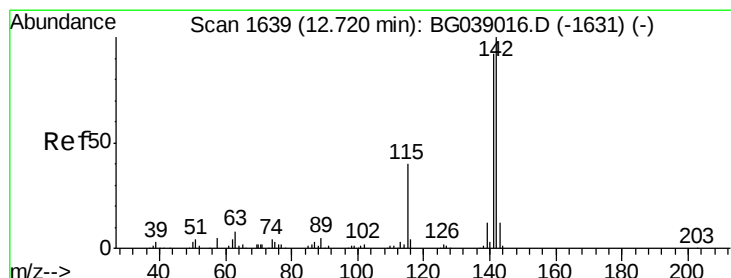
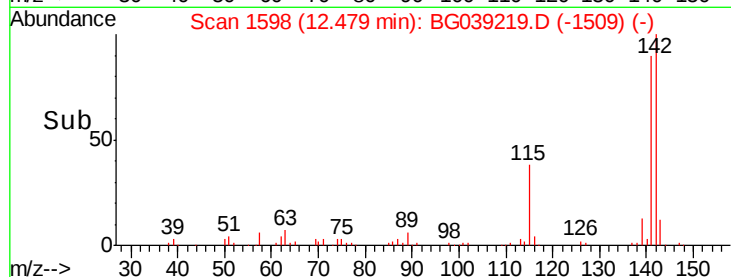
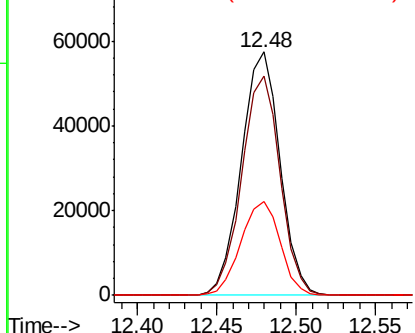
#37
2-Methylnaphthalene
Concen: 43.961 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Instrument :
BNA_G
ClientSampleId :
PB116481BS

Tgt Ion:142 Resp: 96882
Ion Ratio Lower Upper
142 100
141 90.2 72.6 109.0
115 38.4 31.1 46.7

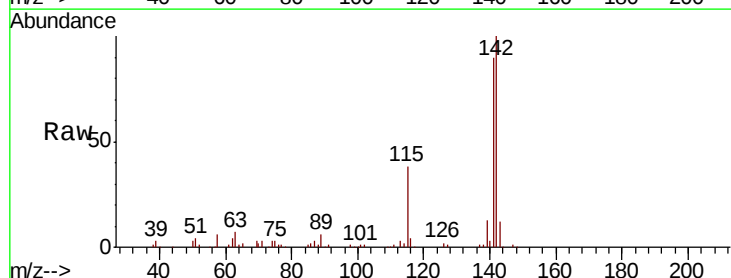


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

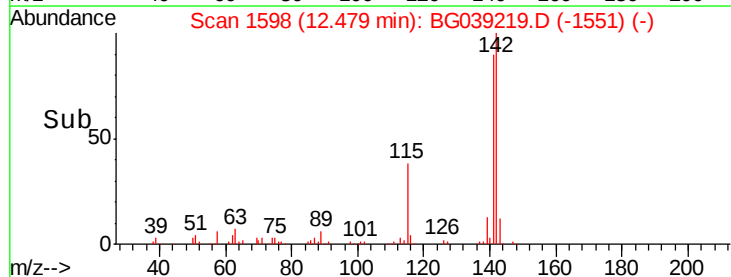
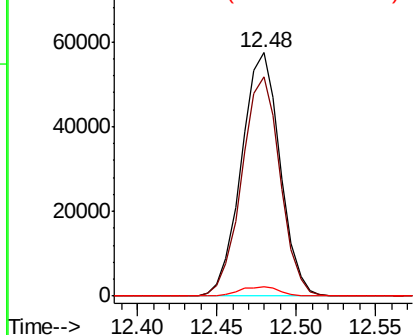


#38
1-Methylnaphthalene
Concen: 45.800 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.22 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion:142 Resp: 96882
Ion Ratio Lower Upper
142 100
141 90.2 73.3 109.9
116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

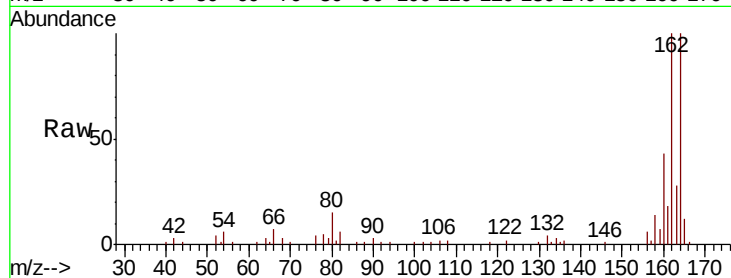
Tgt Ion:164 Resp: 43875

Ion Ratio Lower Upper

164 100

162 100.3 87.2 130.8

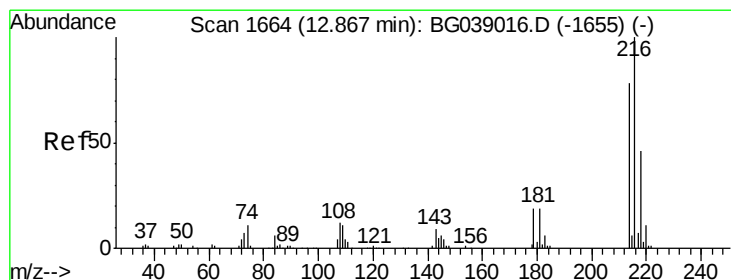
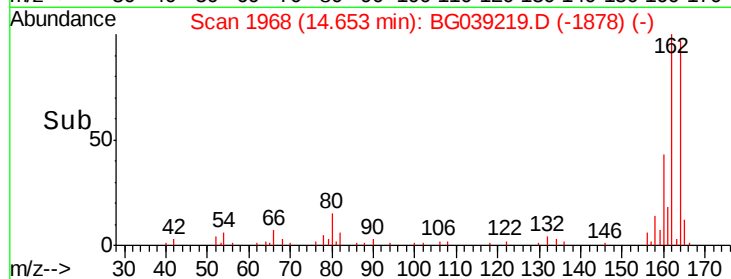
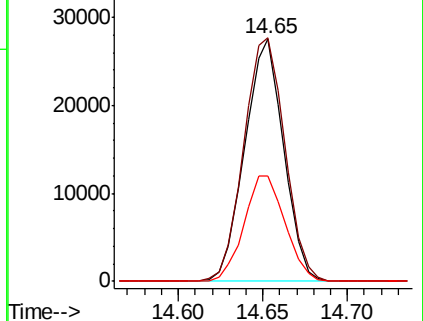
160 43.6 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.981 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Tgt Ion:216 Resp: 64231

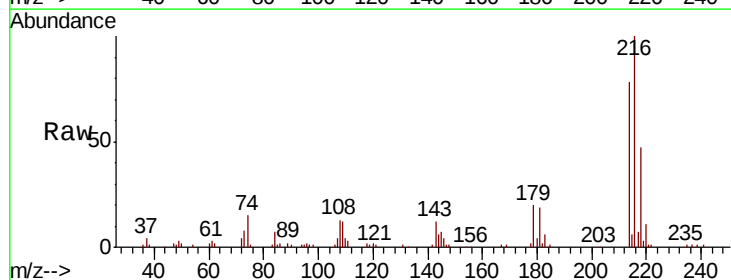
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 19.4 15.5 23.3

108 15.4 11.4 17.2

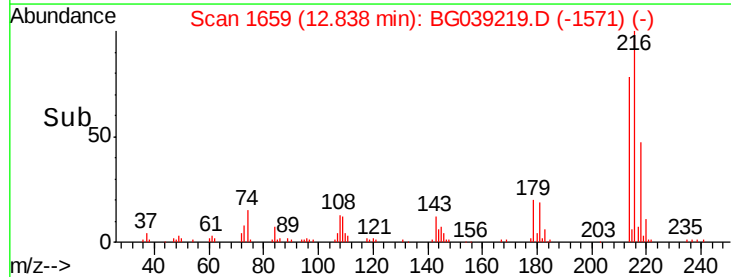
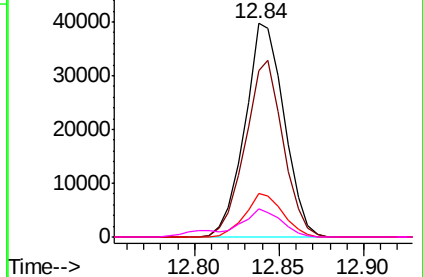


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.733 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

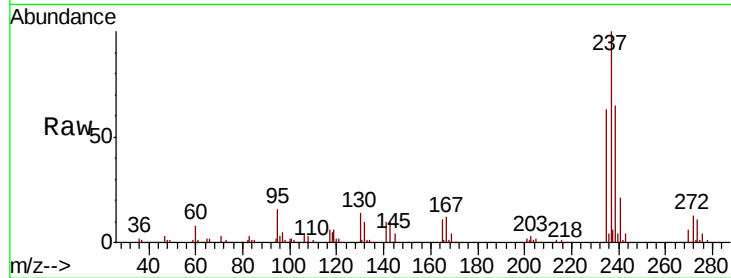
Tgt Ion:237 Resp: 72976

Ion Ratio Lower Upper

237 100

235 63.3 41.7 81.7

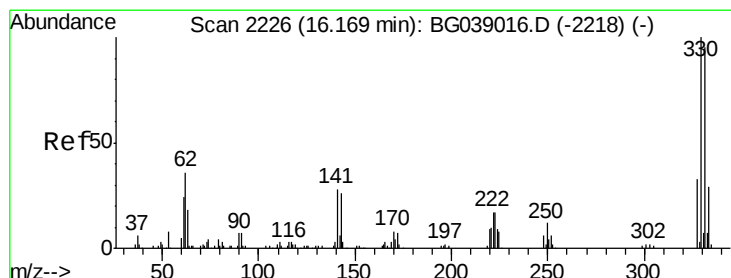
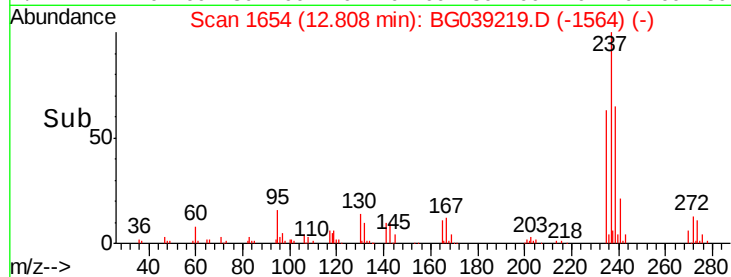
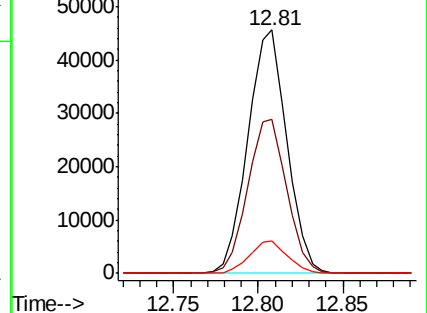
272 13.2 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.507 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

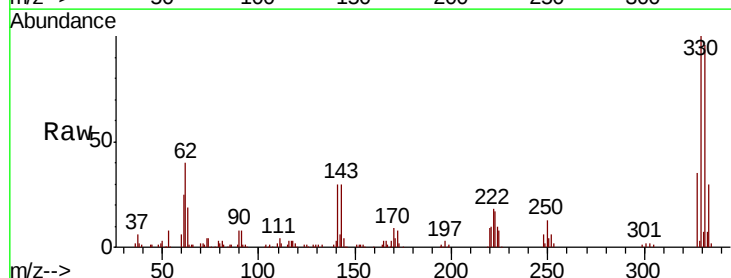
Tgt Ion:330 Resp: 96719

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

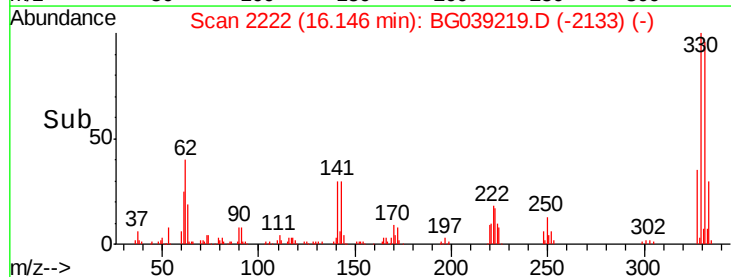
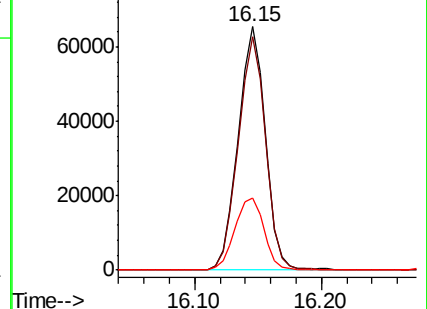
141 31.6 24.9 37.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

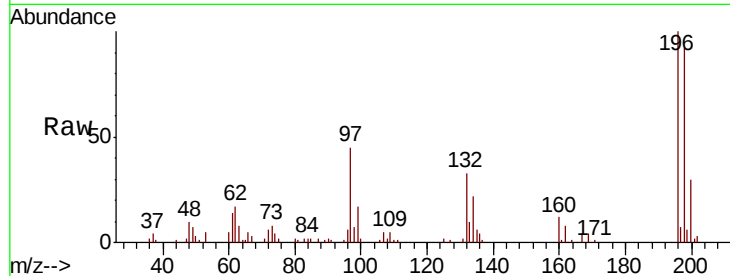




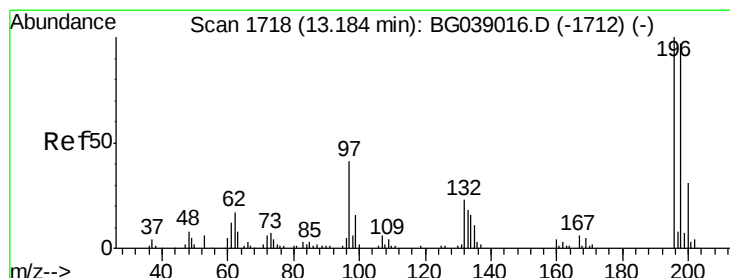
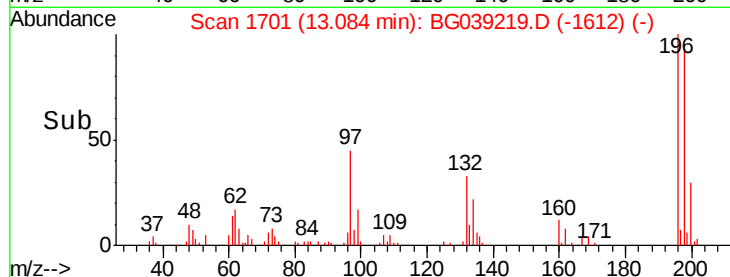
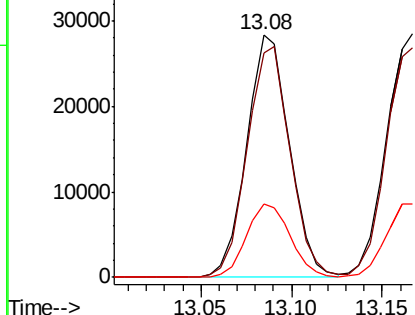
#43
 2,4,6-Trichlorophenol
 Concen: 44.835 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion:196 Resp: 46497
 Ion Ratio Lower Upper
 196 100
 198 92.2 74.5 111.7
 200 30.3 23.8 35.6



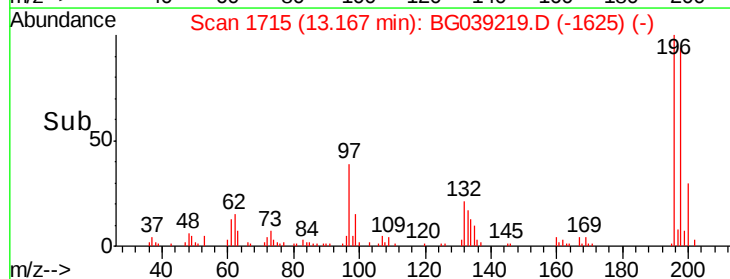
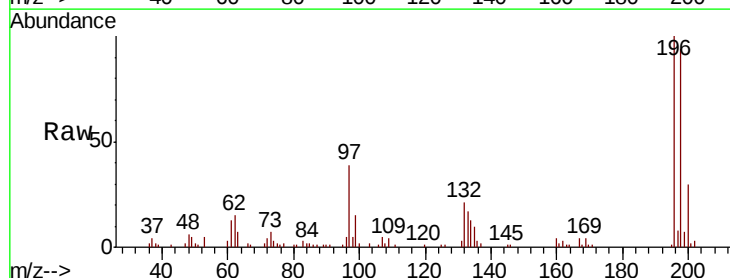
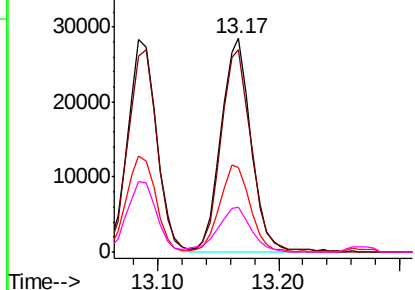
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

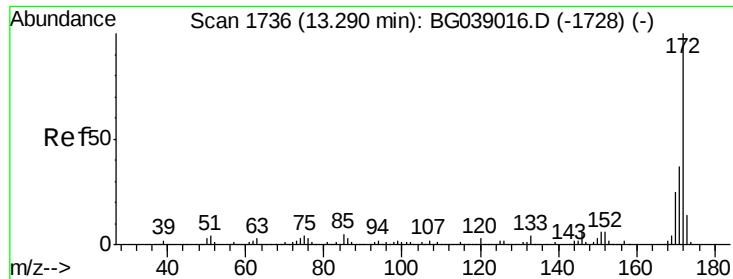


#44
 2,4,5-Trichlorophenol
 Concen: 44.929 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion:196 Resp: 49246
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.1 117.1
 97 39.5 33.2 49.8
 132 21.2 18.2 27.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

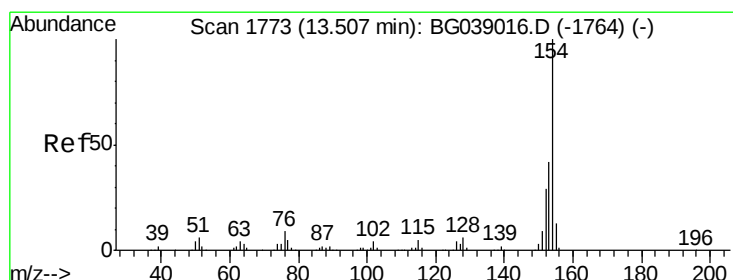
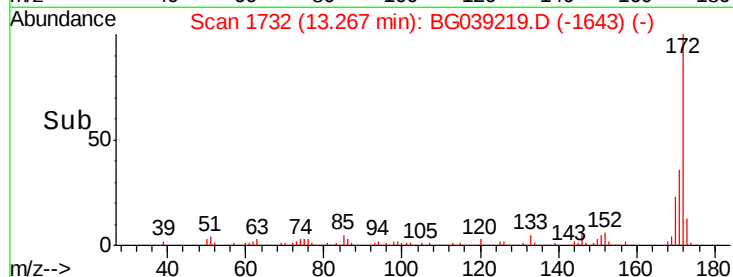
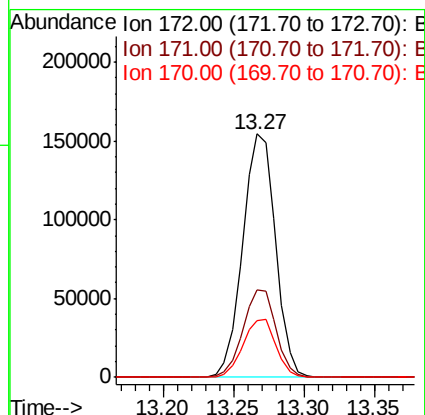
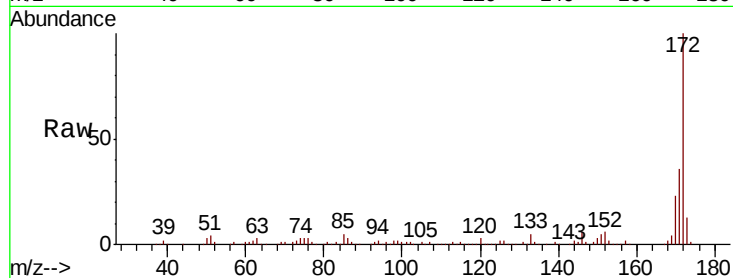




#45
 2-Fluorobiphenyl
 Concen: 78.320 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

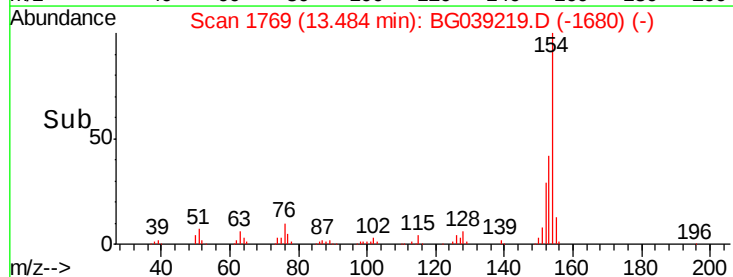
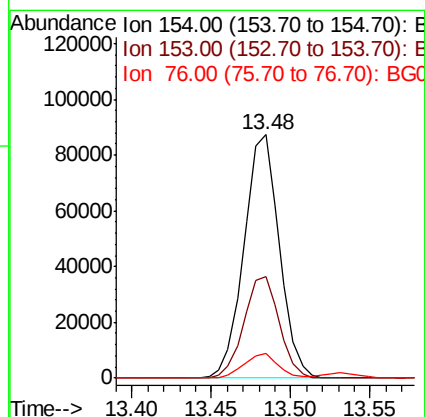
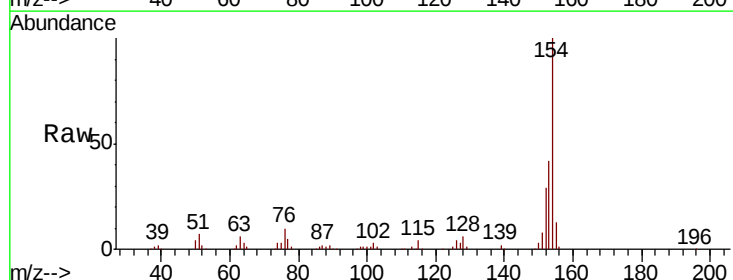
Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.4	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 38.770 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.4	62.4
76	10.0	0.0	29.4

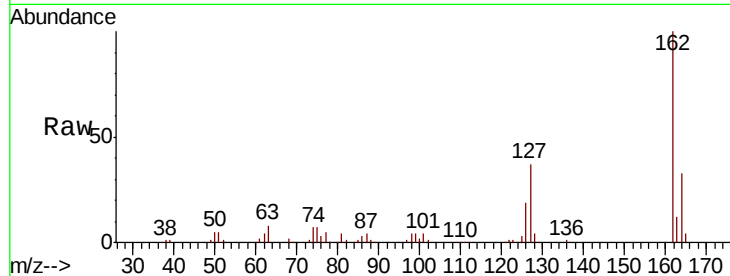




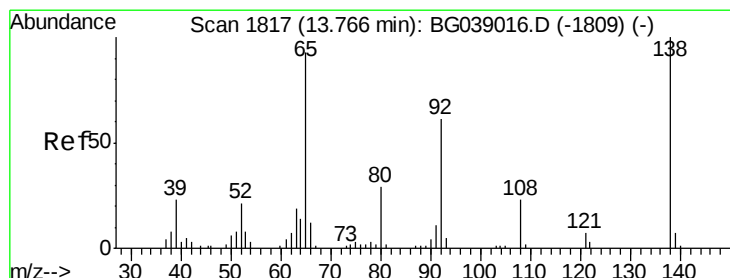
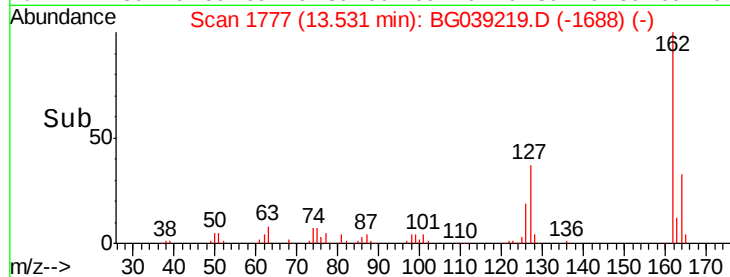
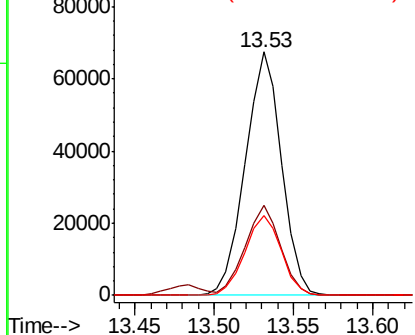
#47
 2-Chloronaphthalene
 Concen: 37.956 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion: 162 Resp: 106783
 Ion Ratio Lower Upper
 162 100
 127 36.7 28.4 42.6
 164 32.9 26.3 39.5

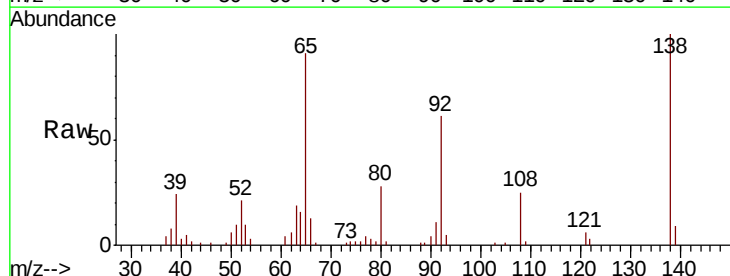


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

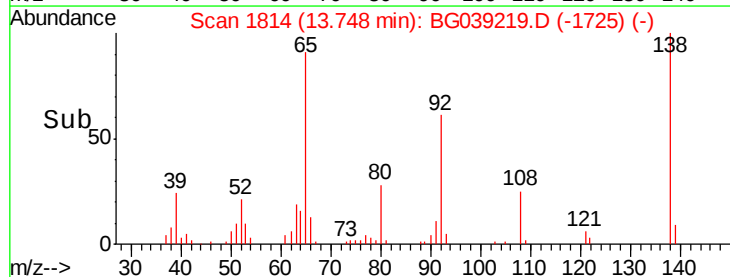
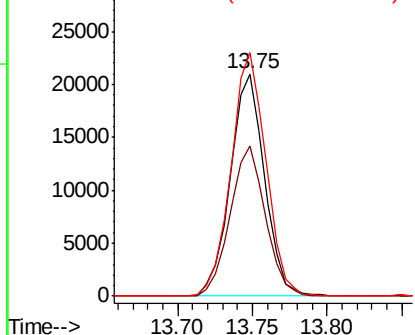


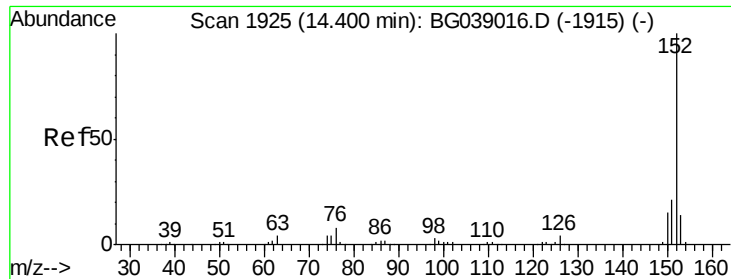
#48
 2-Nitroaniline
 Concen: 42.610 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion: 65 Resp: 33584
 Ion Ratio Lower Upper
 65 100
 92 67.4 52.2 78.4
 138 109.7 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: 41.864 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

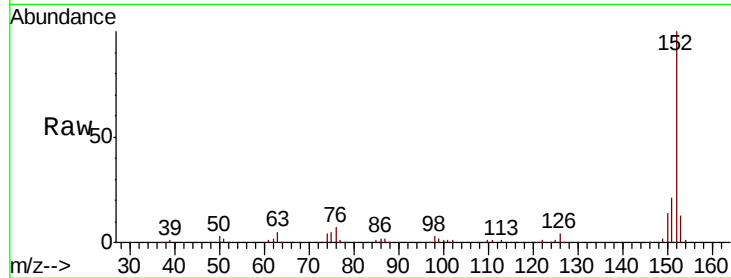
Tgt Ion:152 Resp: 177025

Ion Ratio Lower Upper

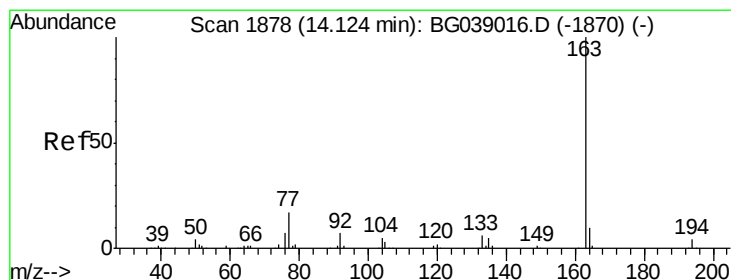
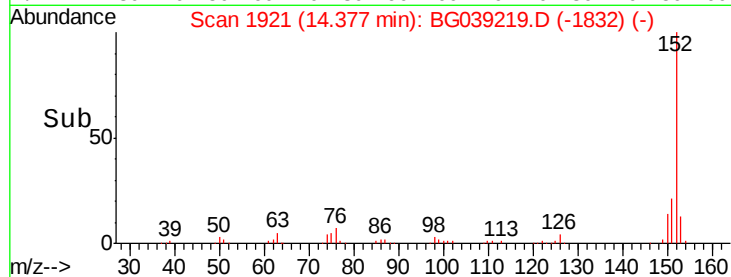
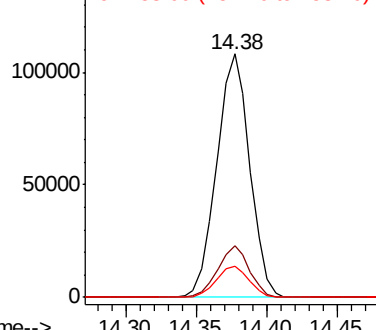
152 100

151 21.3 17.0 25.4

153 13.0 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: 40.068 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

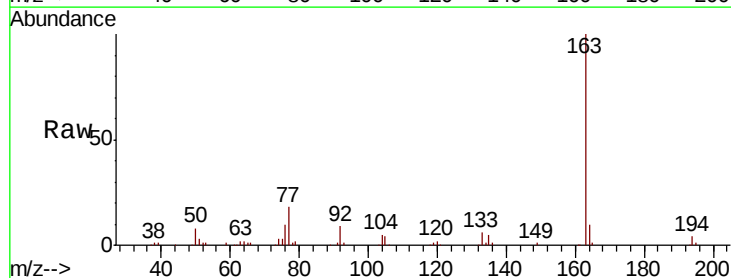
Tgt Ion:163 Resp: 148557

Ion Ratio Lower Upper

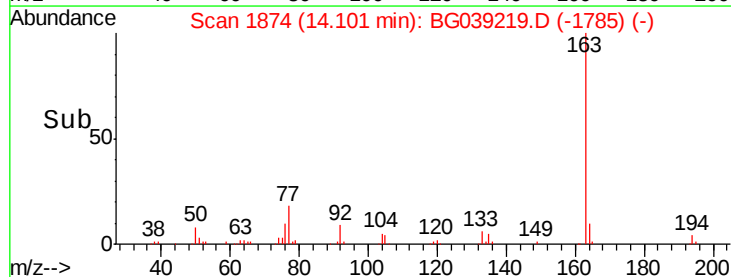
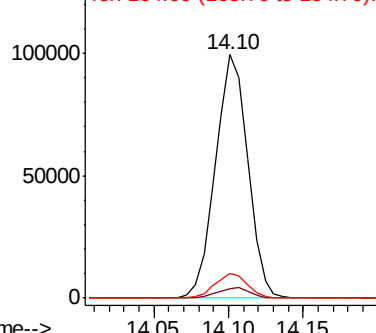
163 100

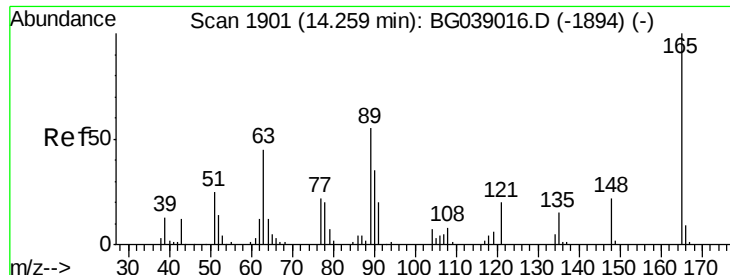
194 4.1 3.6 5.4

164 10.2 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

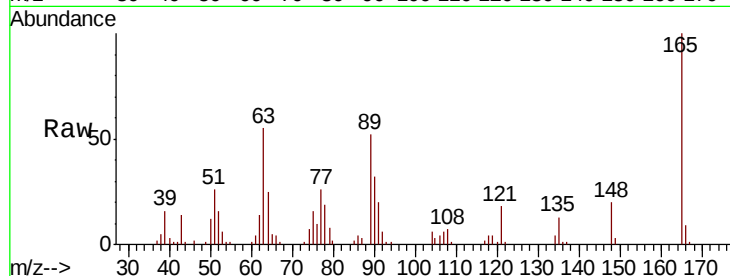




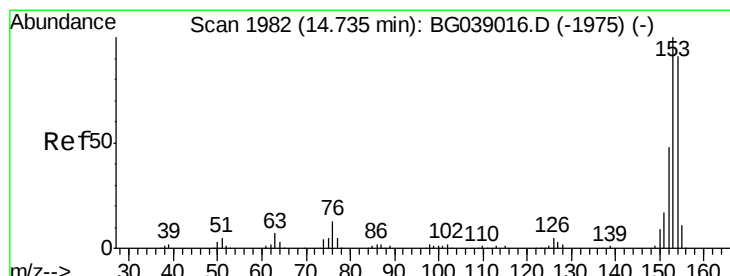
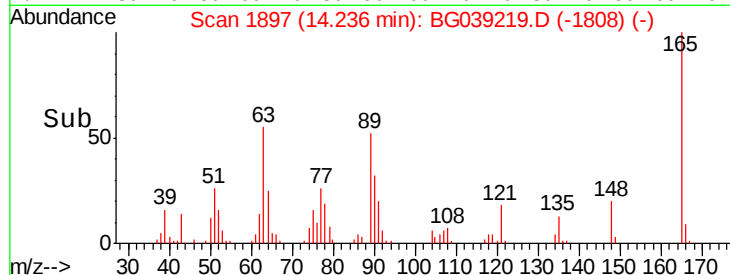
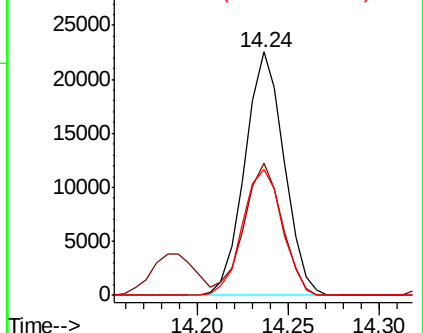
#51
 2,6-Dinitrotoluene
 Concen: 40.870 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion:165 Resp: 33878
 Ion Ratio Lower Upper
 165 100
 63 54.6 43.6 65.4
 89 51.6 43.7 65.5

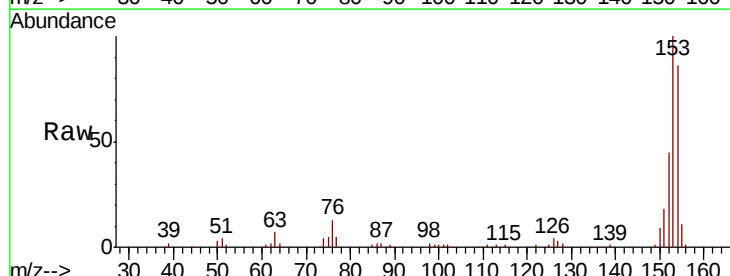


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

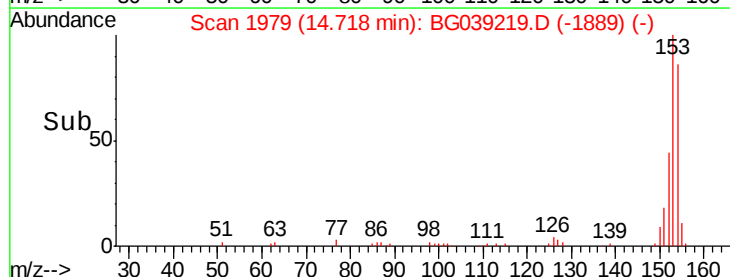
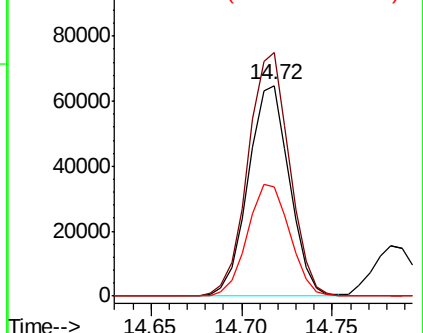


#52
 Acenaphthene
 Concen: 40.312 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion:154 Resp: 102418
 Ion Ratio Lower Upper
 154 100
 153 115.7 87.9 131.9
 152 52.0 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.805 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

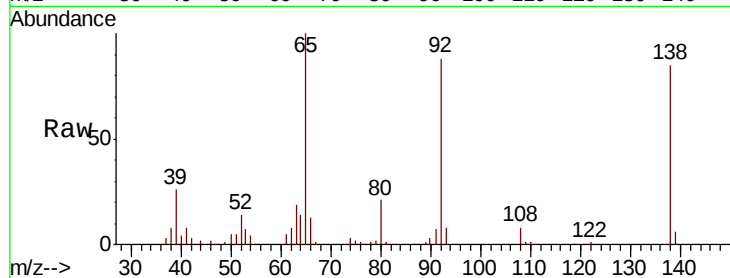
Tgt Ion:138 Resp: 23381

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.0

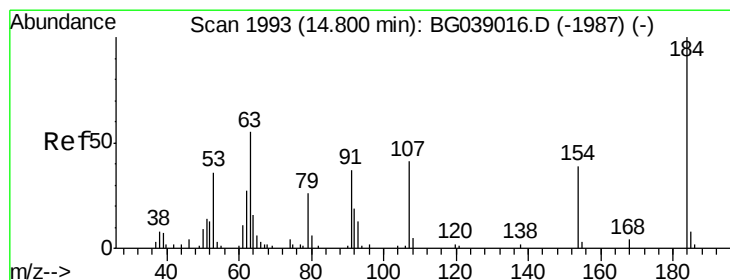
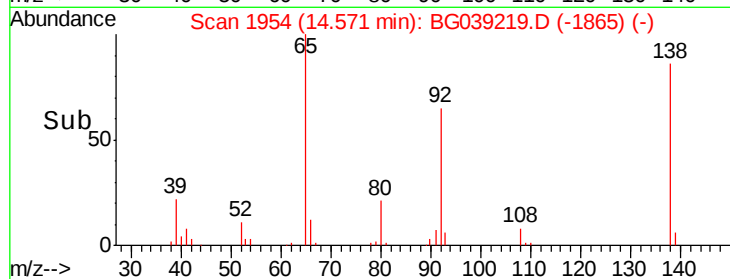
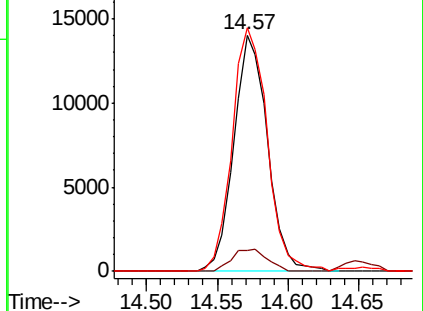
92 103.2 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 86.373 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

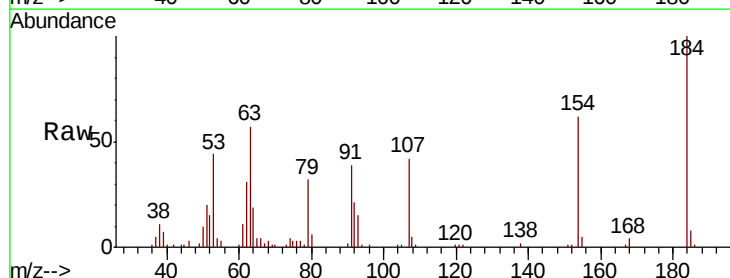
Tgt Ion:184 Resp: 43034

Ion Ratio Lower Upper

184 100

63 57.1 44.0 66.0

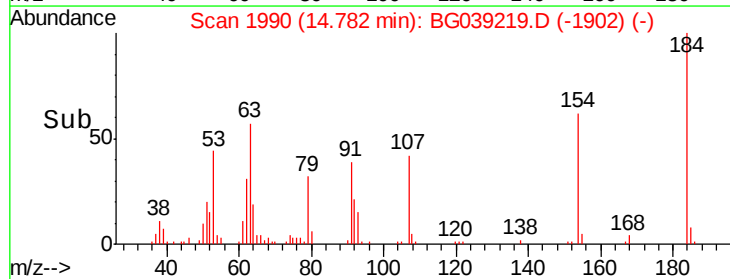
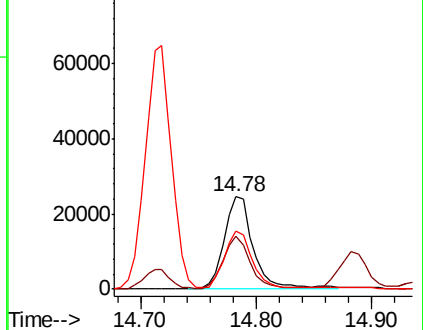
154 62.4 46.1 69.1

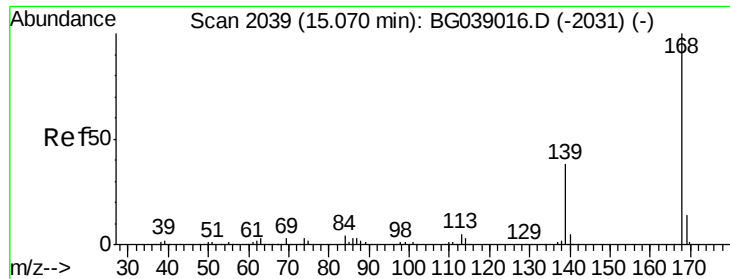


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.105 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

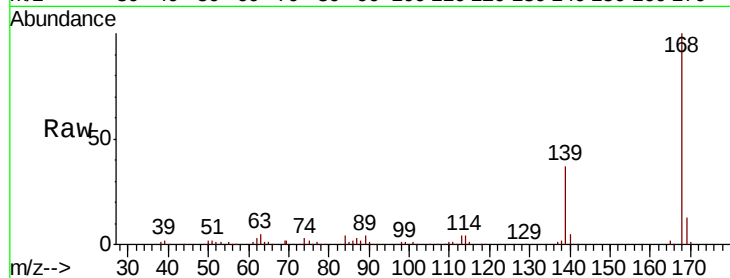
Tgt Ion:168 Resp: 179954

Ion Ratio Lower Upper

168 100

139 37.0 30.1 45.1

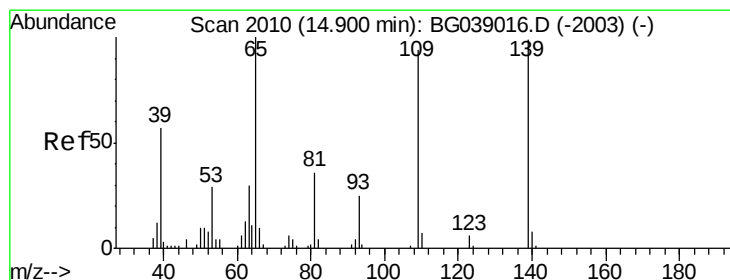
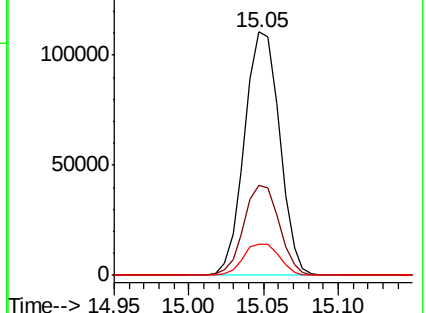
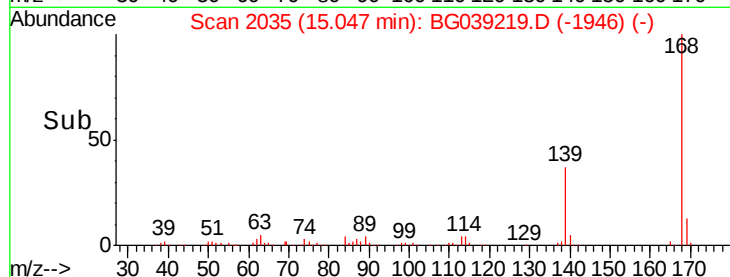
169 13.0 10.9 16.3



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: 86.851 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

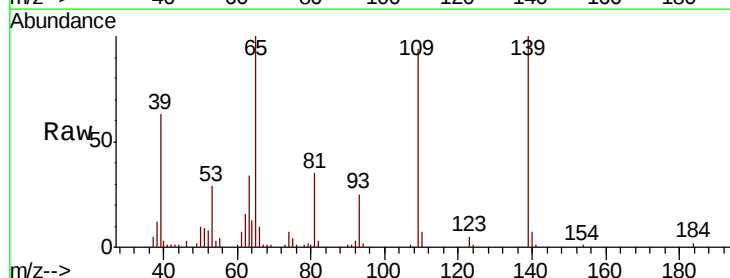
Tgt Ion:139 Resp: 52549

Ion Ratio Lower Upper

139 100

109 94.1 75.6 115.6

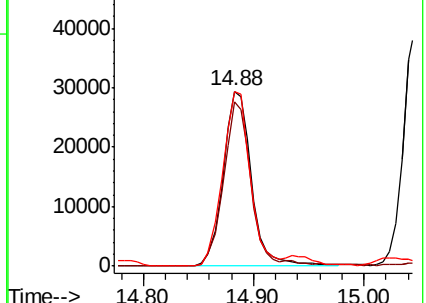
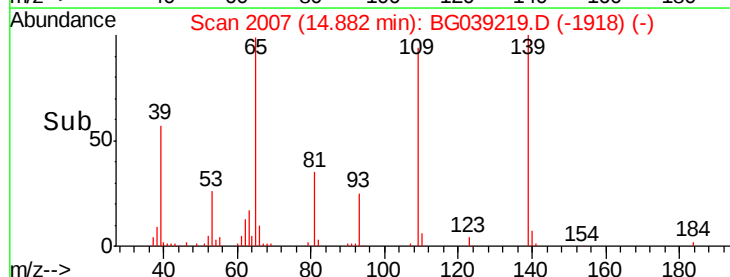
65 99.9 81.2 121.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 40.733 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

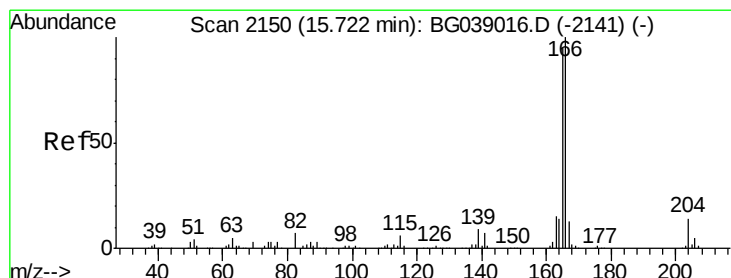
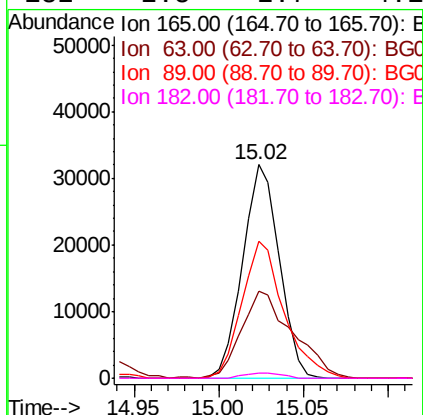
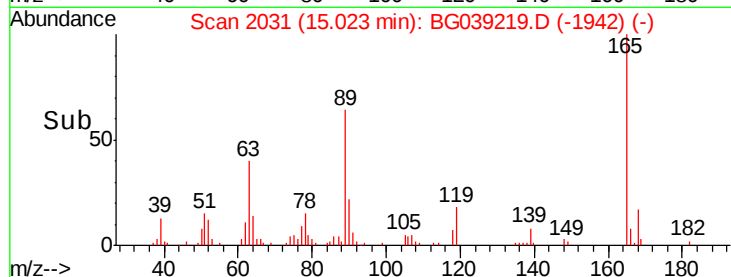
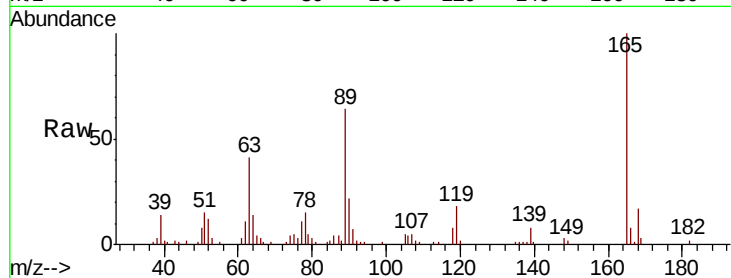
Instrument :

BNA_G

ClientSampleId :

PB116481BS

Tgt Ion:	165	Resp:	48442
Ion	Ratio	Lower	Upper
165	100		
63	40.5	30.2	45.4
89	64.2	53.2	79.8
182	2.5	2.7	4.1#



#58

Fluorene

Concen: 43.938 ng

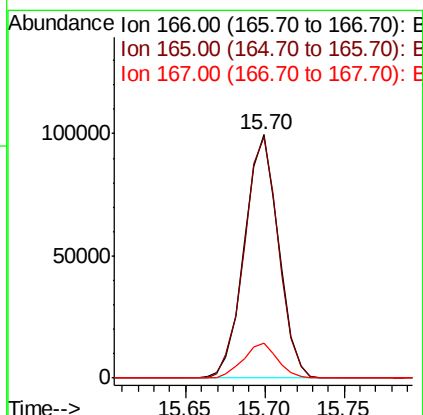
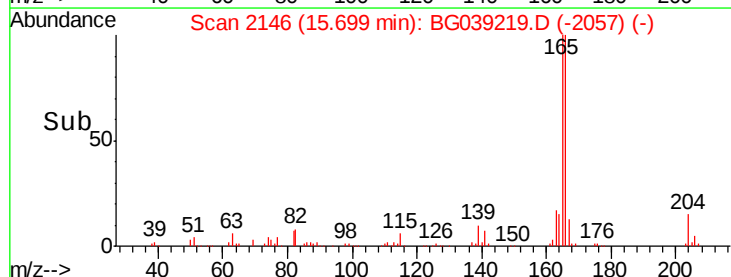
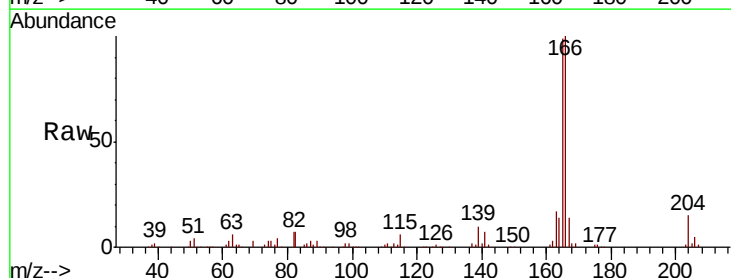
RT: 15.70 min Scan# 2146

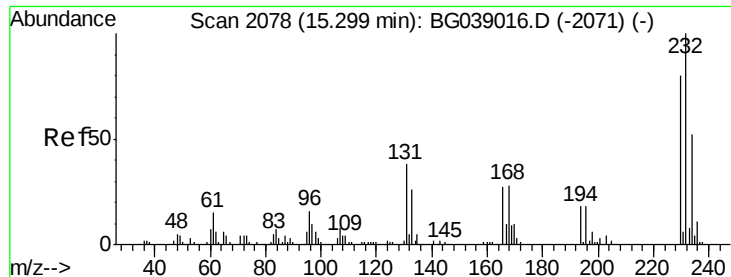
Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Tgt Ion:	166	Resp:	148400
Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.2	114.2
167	14.1	10.6	16.0

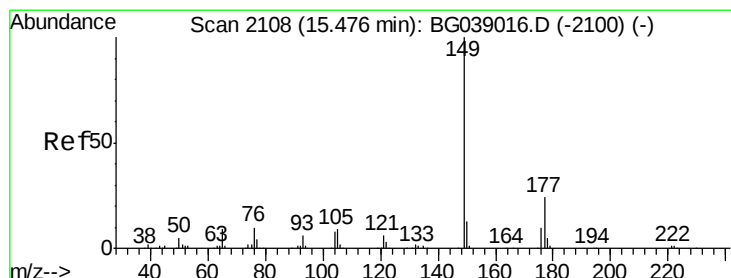
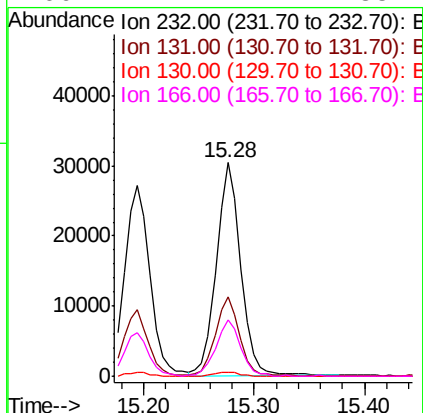
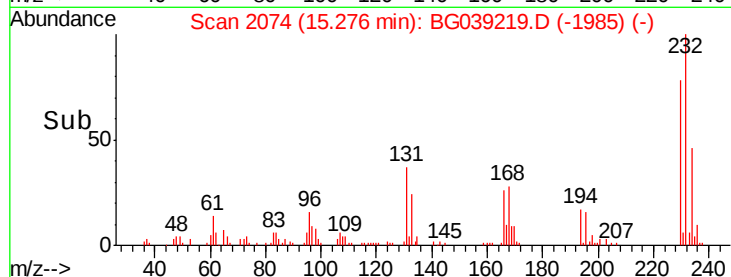
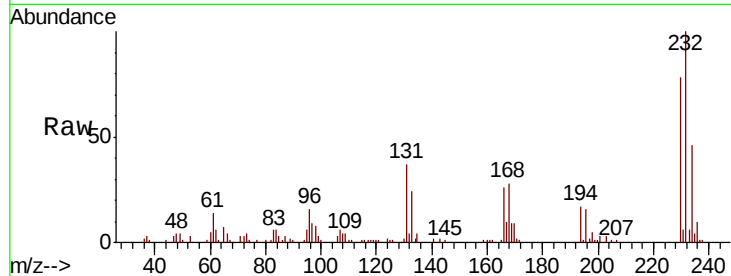




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.765 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

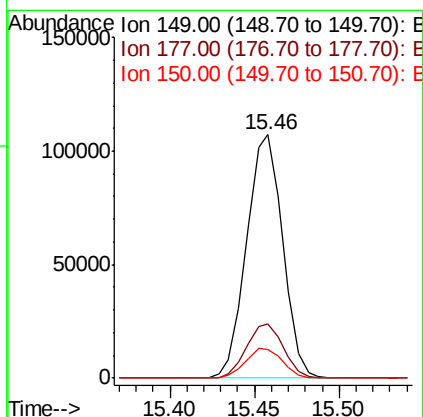
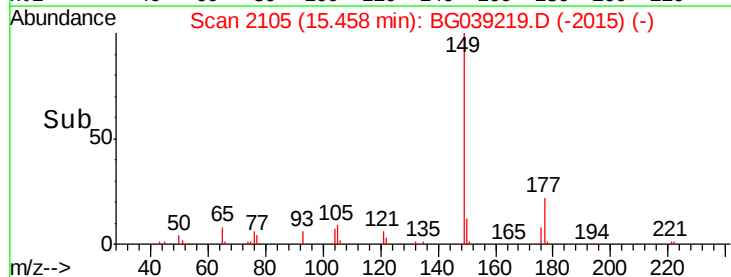
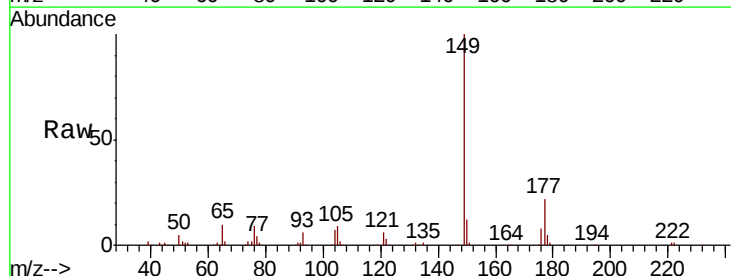
Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.6	30.9	46.3
130	2.0	1.9	2.9
166	27.1	22.1	33.1



#60
 Diethylphthalate
 Concen: 41.489 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	19.0	28.6
150	11.9	10.2	15.4

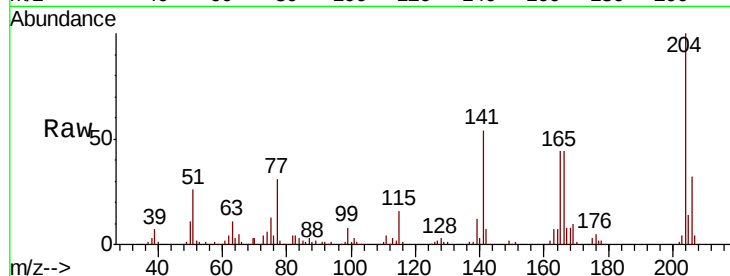




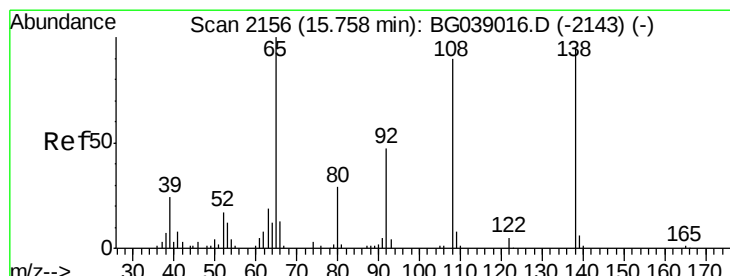
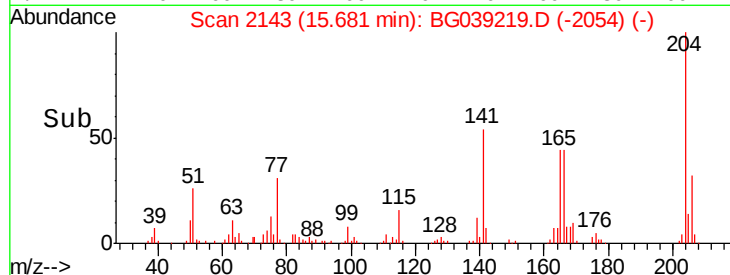
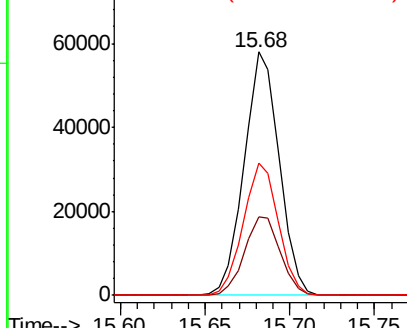
#61
4-Chlorophenyl-phenylether
Concen: 39.456 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Instrument :
BNA_G
ClientSampleId :
PB116481BS

Tgt Ion:204 Resp: 83958
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 54.1 41.4 62.0

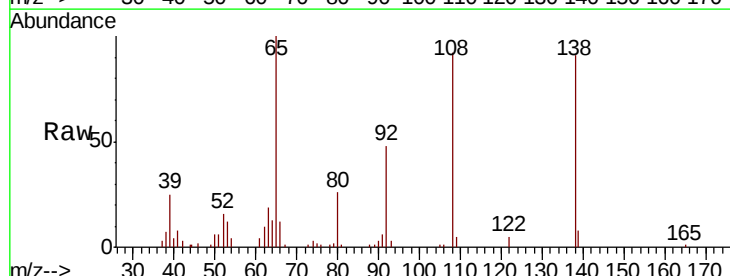


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

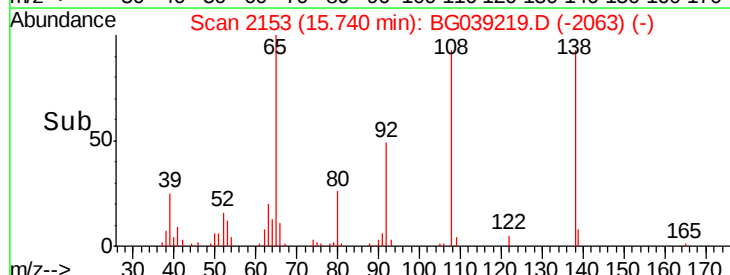
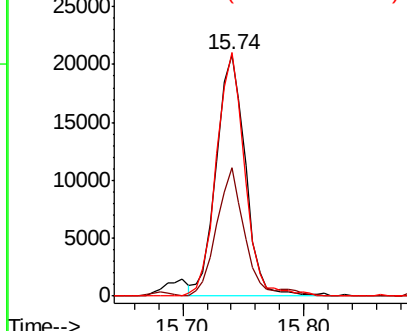


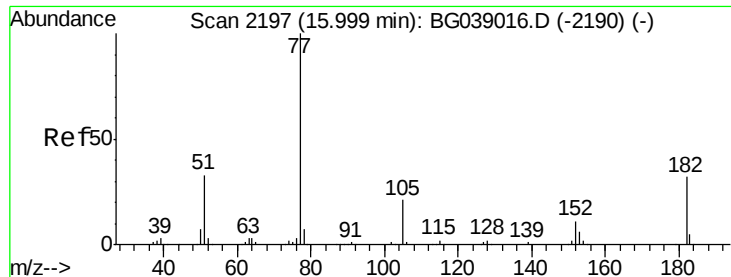
#62
4-Nitroaniline
Concen: 39.546 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion:138 Resp: 34642
Ion Ratio Lower Upper
138 100
92 53.2 29.7 69.7
108 100.8 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: 42.704 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

Tgt Ion: 77 Resp: 127571

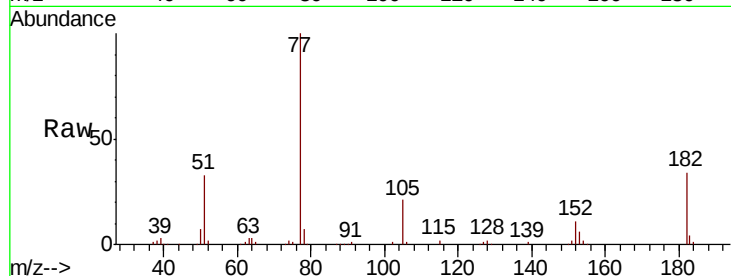
Ion Ratio Lower Upper

77 100

182 33.5 12.2 52.2

105 21.0 1.2 41.2

51 32.9 13.4 53.4

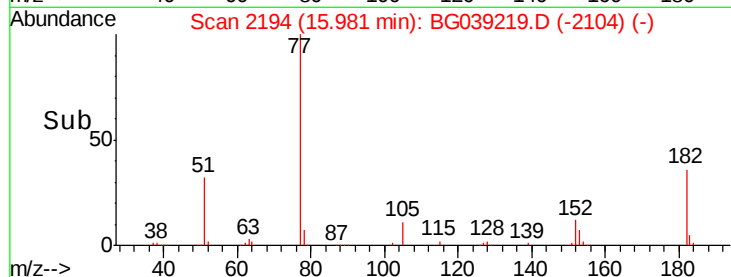


Abundance Ion 77.00 (76.70 to 77.70): BGC

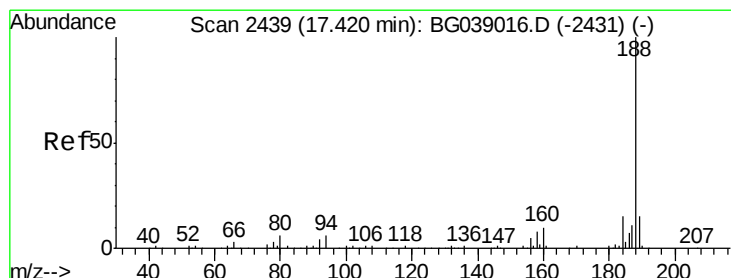
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time--> 15.90 15.95 16.00 16.05



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

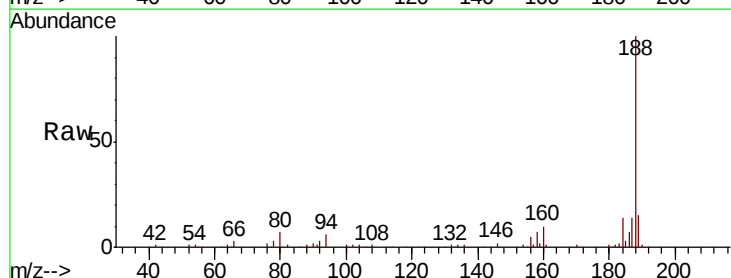
Tgt Ion: 188 Resp: 117512

Ion Ratio Lower Upper

188 100

94 6.4 5.0 7.4

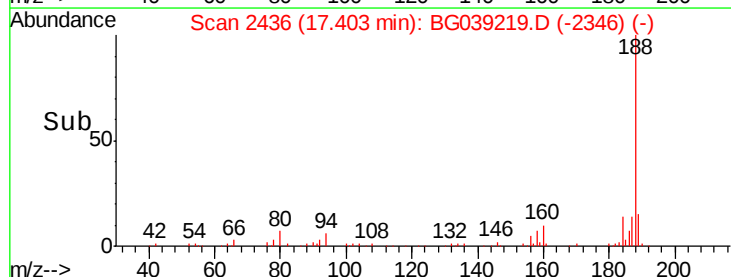
80 6.5 4.7 7.1



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



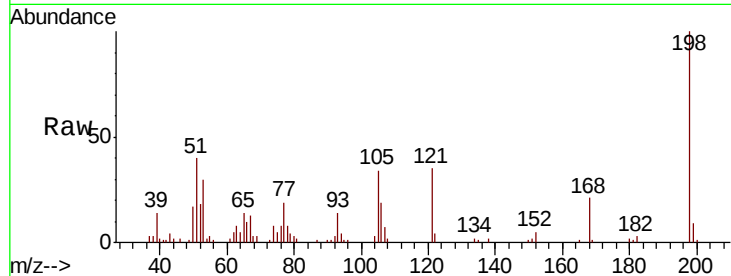
Time--> 17.35 17.40 17.45



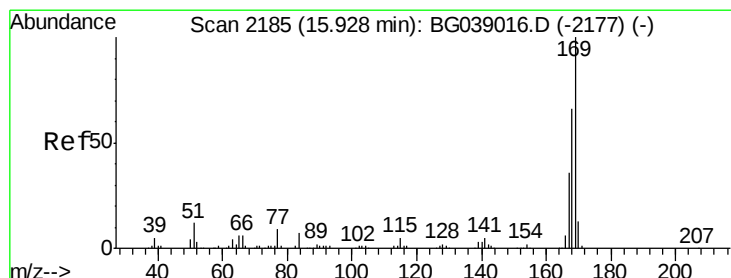
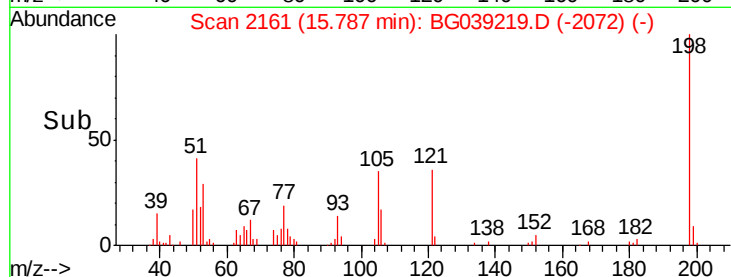
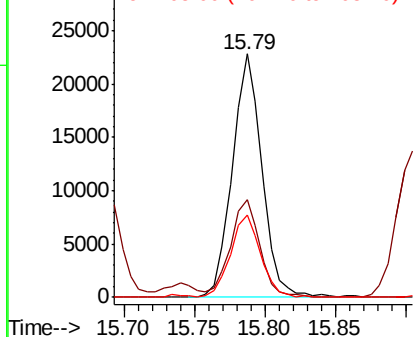
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.245 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampled :
 PB116481BS

Tgt Ion:198 Resp: 33296
 Ion Ratio Lower Upper
 198 100
 51 39.9 20.8 60.8
 105 33.8 16.1 56.1

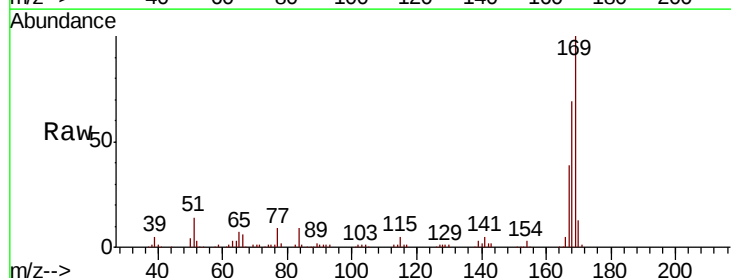


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

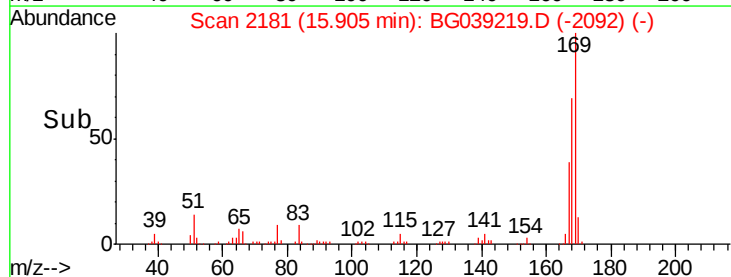
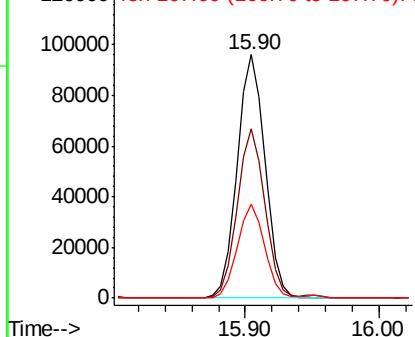


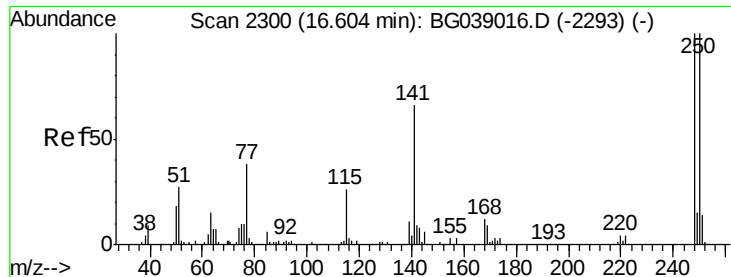
#66
 n-Nitrosodiphenylamine
 Concen: 39.772 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion:169 Resp: 138550
 Ion Ratio Lower Upper
 169 100
 168 69.5 53.2 79.8
 167 38.8 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

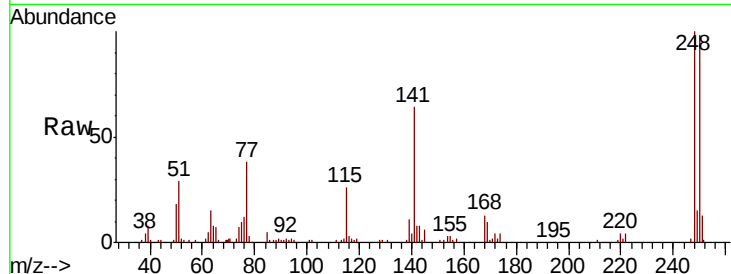




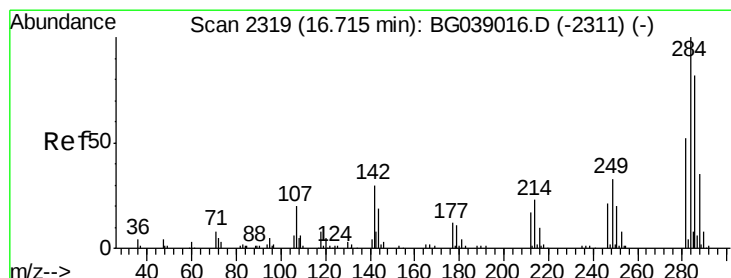
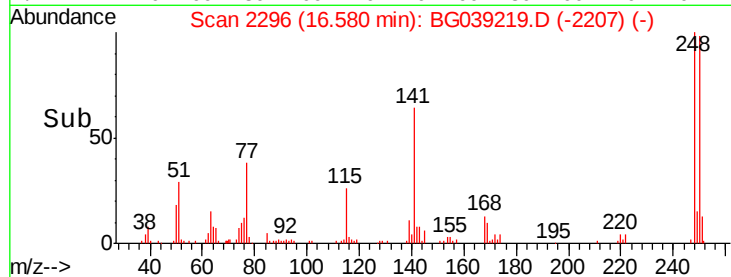
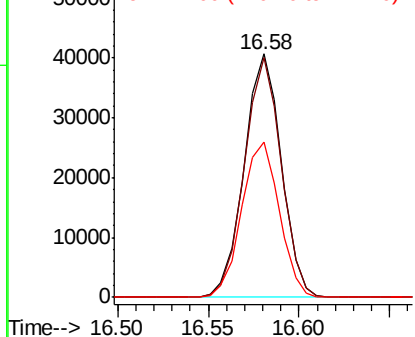
#67
 4-Bromophenyl-phenylether
 Concen: 38.263 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion:248 Resp: 57798
 Ion Ratio Lower Upper
 248 100
 250 98.4 79.9 119.9
 141 63.8 52.7 79.1

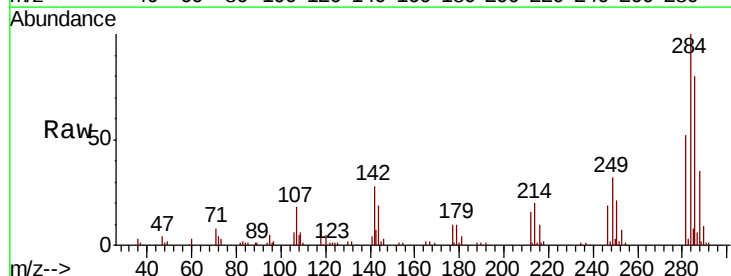


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

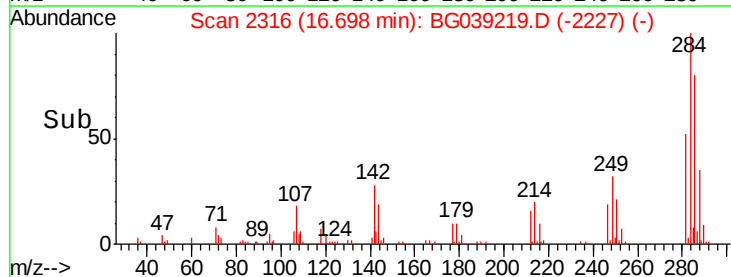
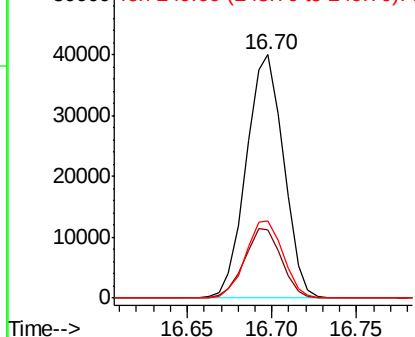


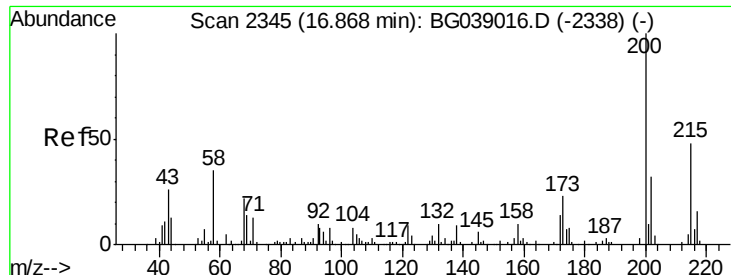
#68
 Hexachlorobenzene
 Concen: 37.333 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion:284 Resp: 61536
 Ion Ratio Lower Upper
 284 100
 142 27.9 24.3 36.5
 249 34.4 27.8 41.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

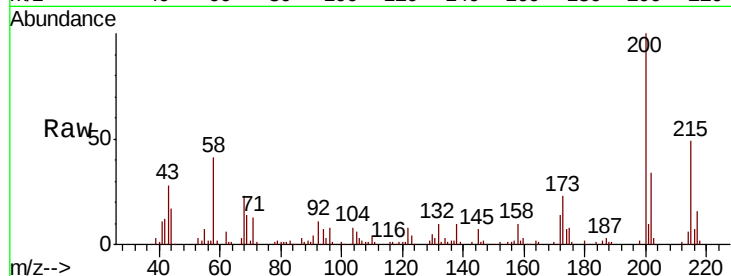




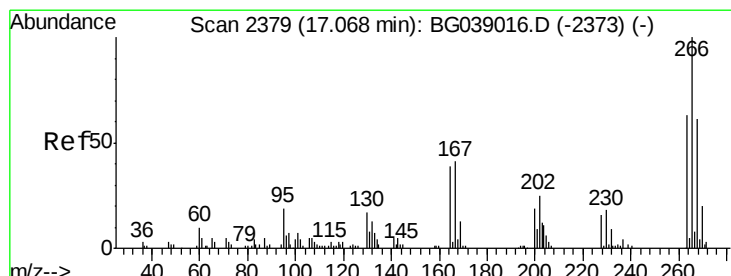
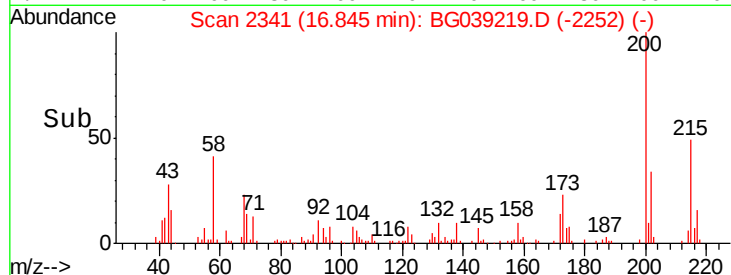
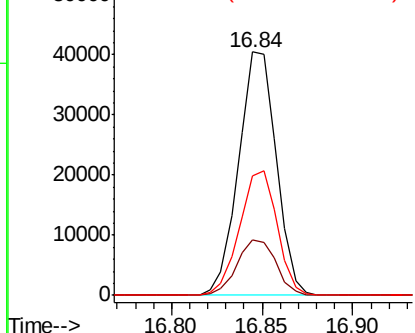
#69
 Atrazine
 Concen: 39.543 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion:200 Resp: 58520
 Ion Ratio Lower Upper
 200 100
 173 22.8 2.6 42.6
 215 49.1 28.0 68.0

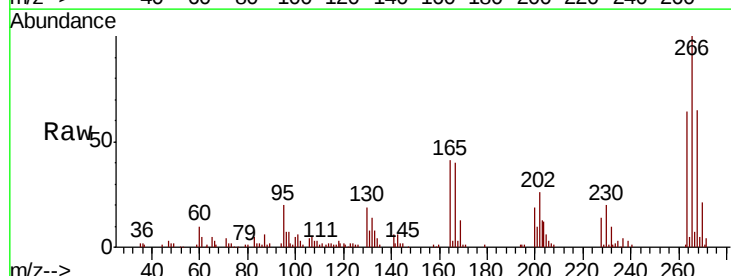


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

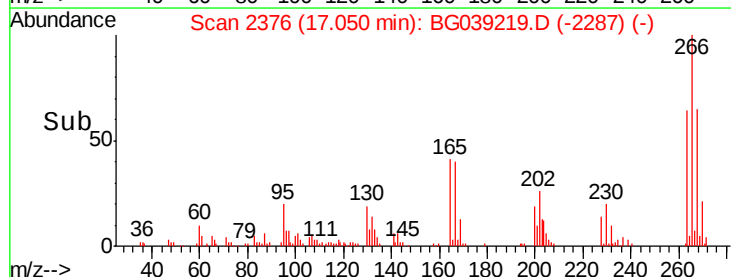
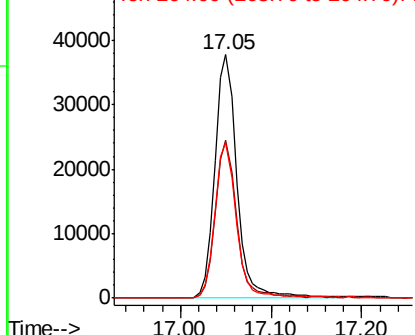


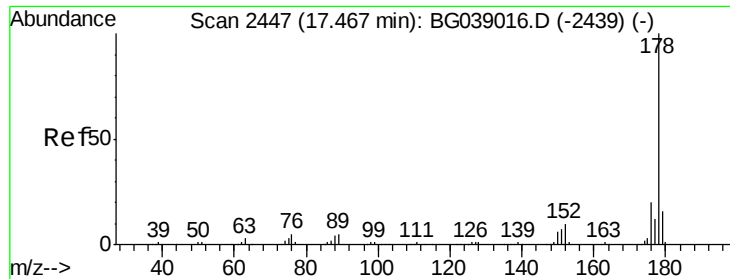
#70
 Pentachlorophenol
 Concen: 63.814 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion:266 Resp: 63700
 Ion Ratio Lower Upper
 266 100
 268 69.4 52.0 78.0
 264 68.8 54.6 81.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

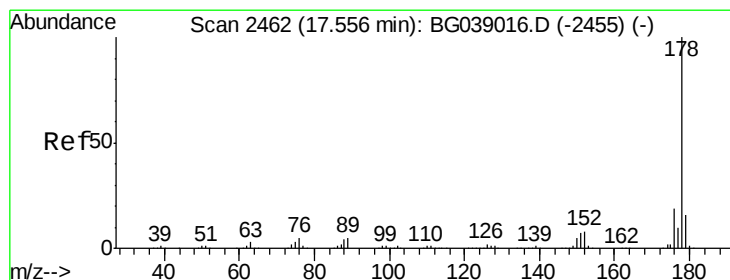
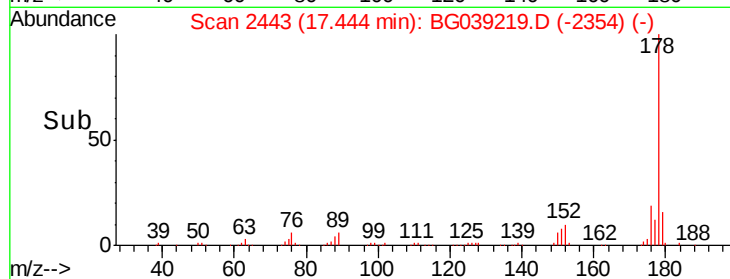
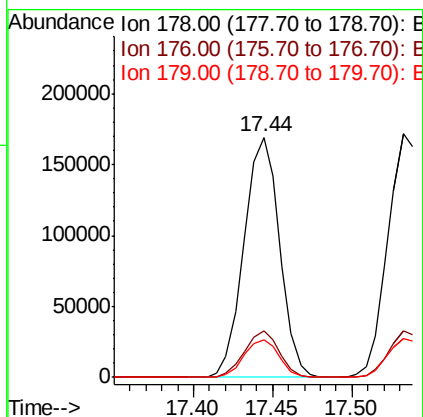
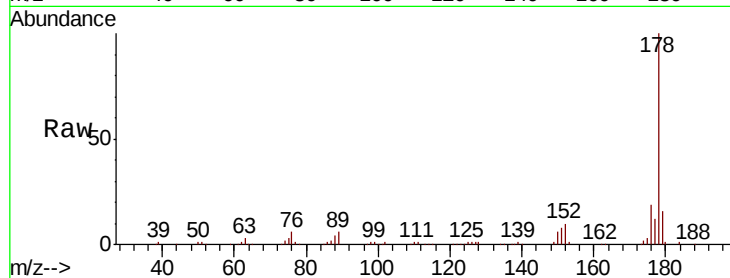




#71
Phenanthrene
Concen: 42.436 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

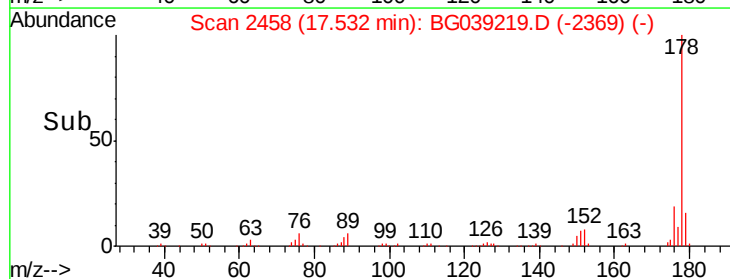
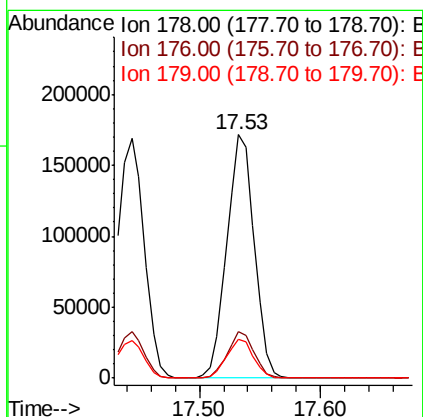
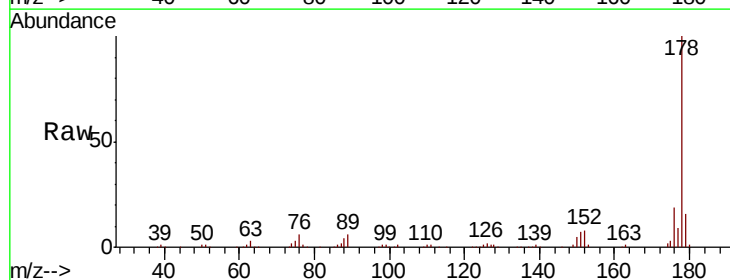
Instrument :
BNA_G
ClientSampleId :
PB116481BS

Tgt Ion:178 Resp: 263584
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.5 12.9 19.3



#72
Anthracene
Concen: 44.147 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039219.D
Acq: 18 Jan 2019 17:17

Tgt Ion:178 Resp: 271120
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.9 13.0 19.4

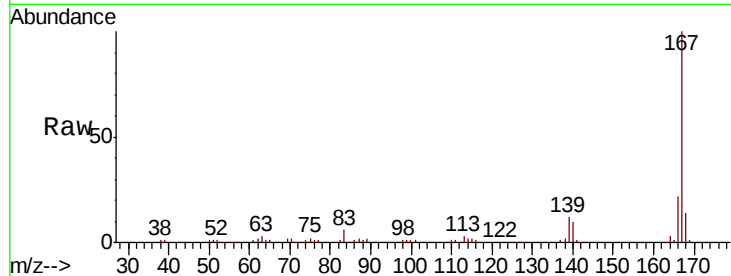




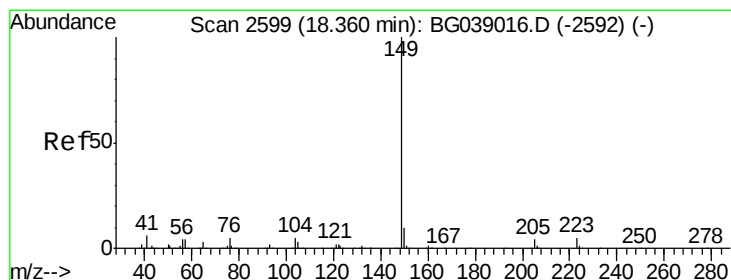
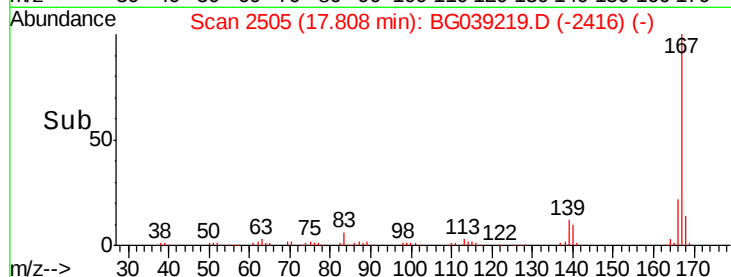
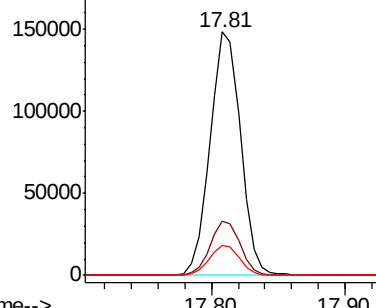
#73
 Carbazole
 Concen: 38.729 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion:	167	Resp:	234800
Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	12.3	10.0	15.0

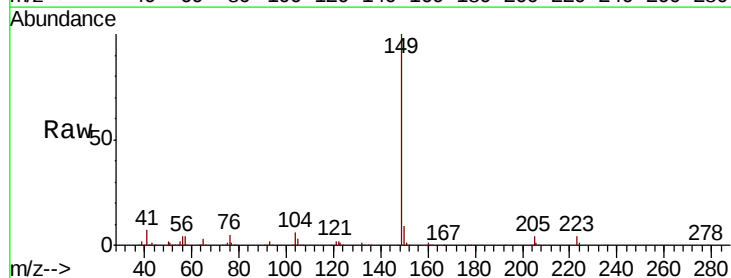


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

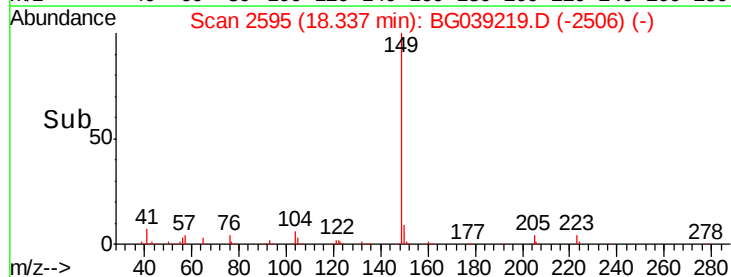
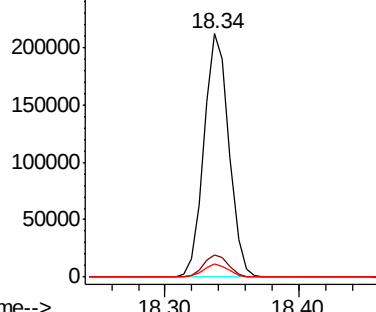


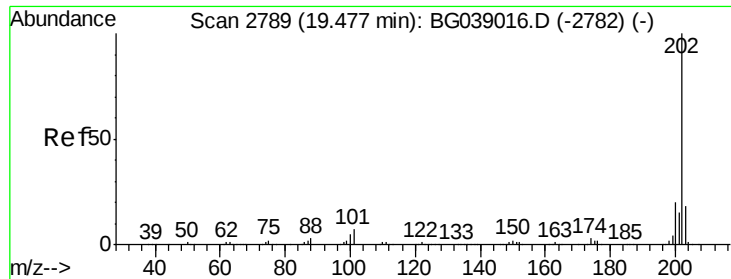
#74
 Di-n-butylphthalate
 Concen: 40.970 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion:	149	Resp:	276319
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.7	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

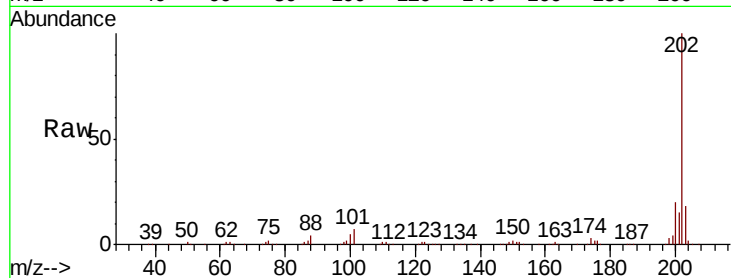




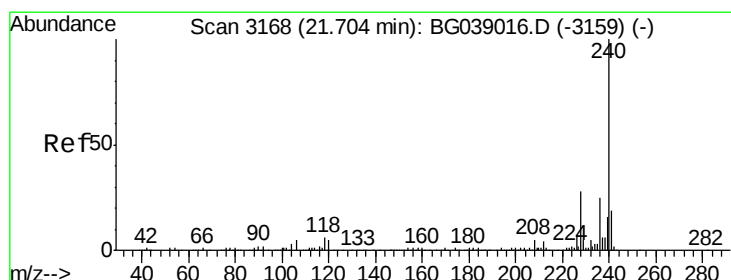
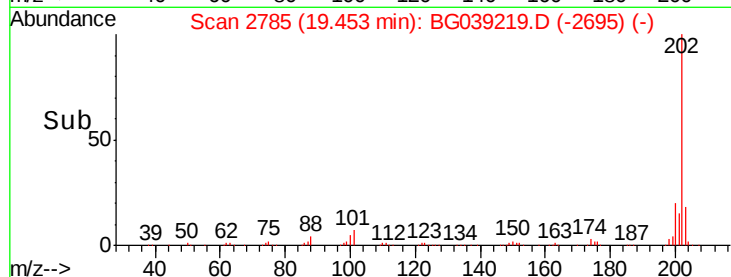
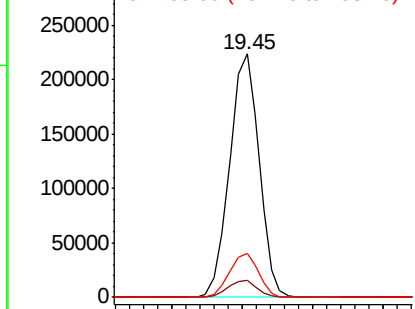
#75
 Fluoranthene
 Concen: 42.247 ng
 RT: 19.45 min Scan# 2785
 Delta R.T. -0.00 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion:	202	Resp:	325307
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	26.9
203	18.0	0.0	38.1

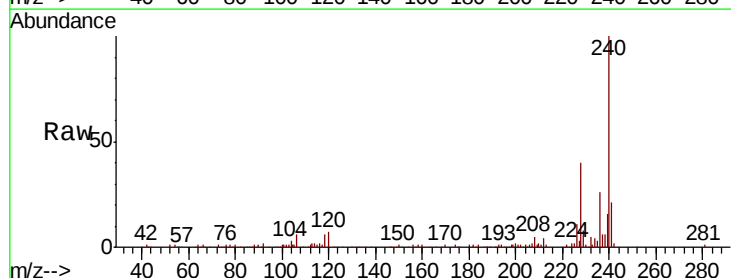


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

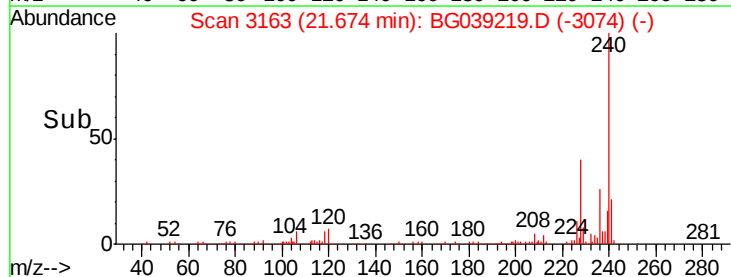
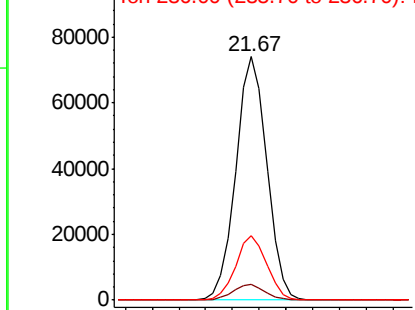


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion:	240	Resp:	118972
Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.3	6.5#
236	26.5	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: 32.673 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

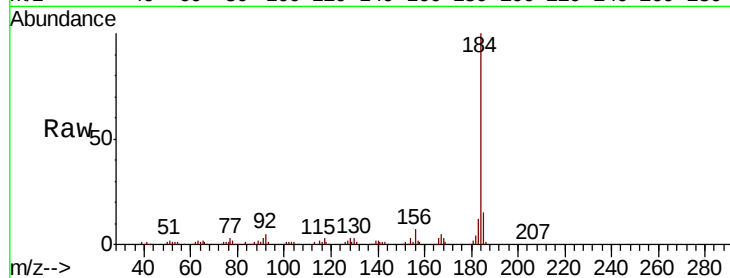
Tgt Ion:184 Resp: 118895

Ion Ratio Lower Upper

184 100

185 15.0 12.1 18.1

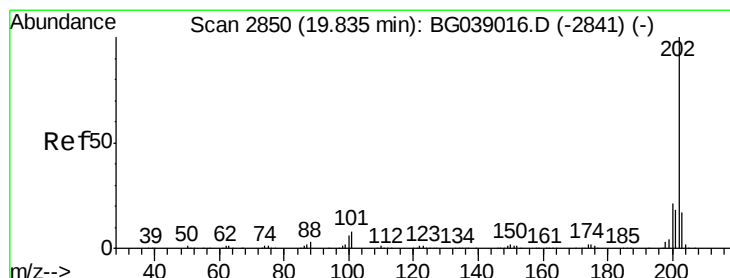
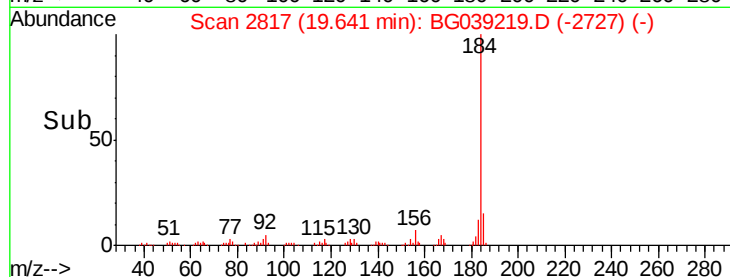
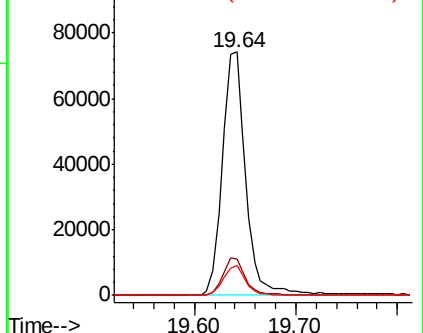
183 12.4 9.5 14.3



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: 42.765 ng

RT: 19.82 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

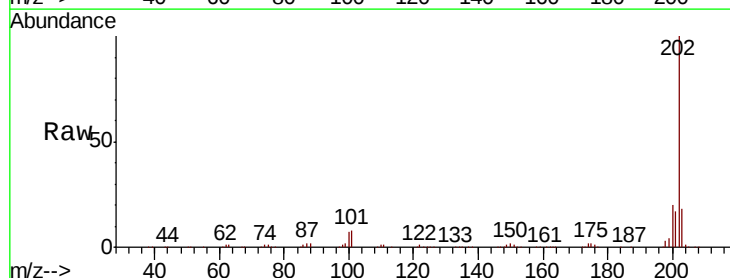
Tgt Ion:202 Resp: 324245

Ion Ratio Lower Upper

202 100

200 20.3 17.0 25.6

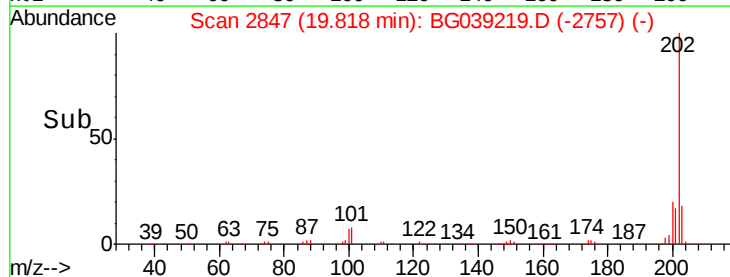
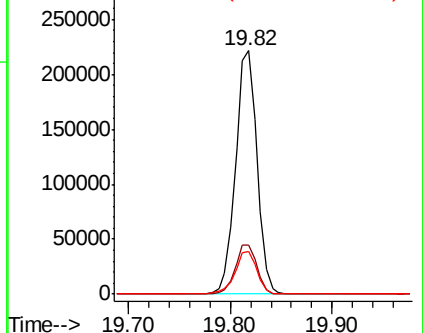
203 17.6 14.0 21.0

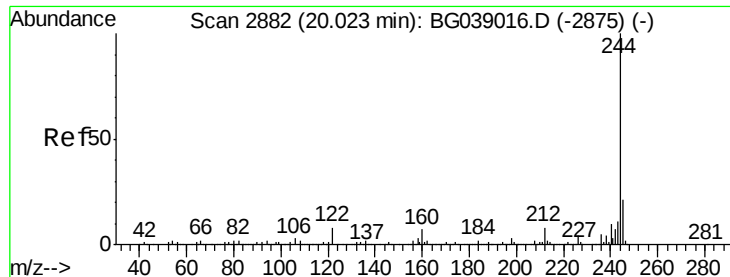


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.113 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

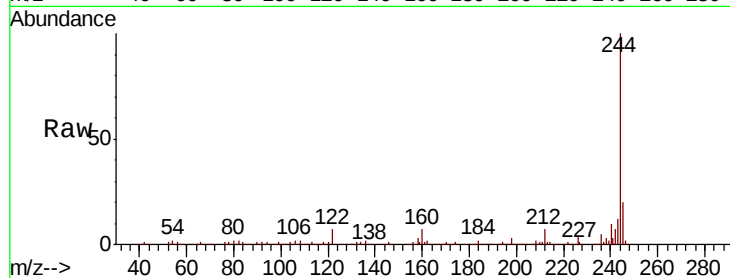
Tgt Ion:244 Resp: 521662

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

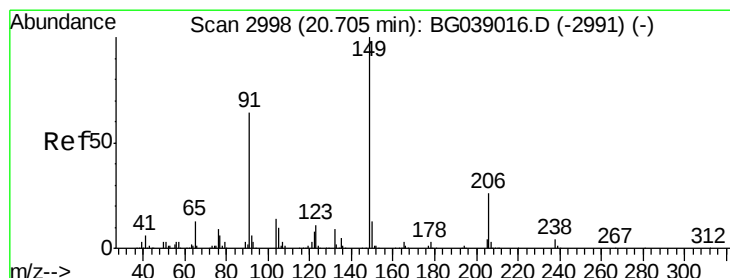
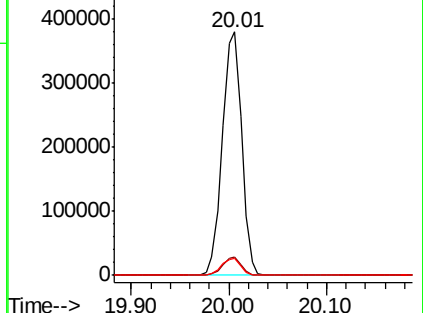
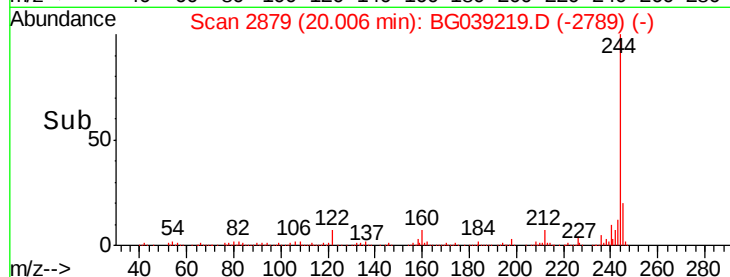
122 6.8 6.1 9.1



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: 42.882 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

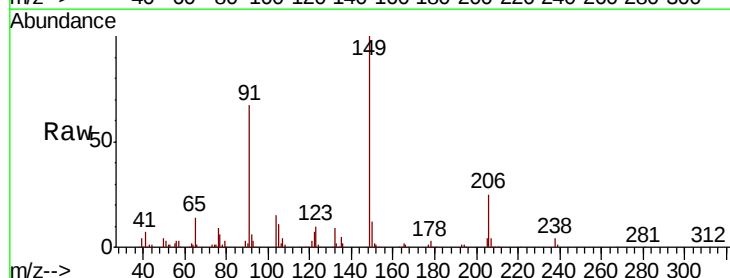
Tgt Ion:149 Resp: 123659

Ion Ratio Lower Upper

149 100

91 67.1 51.4 77.0

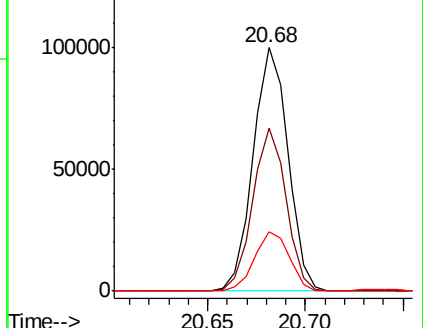
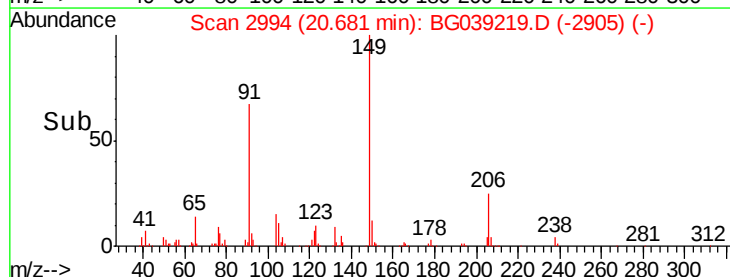
206 24.6 20.4 30.6

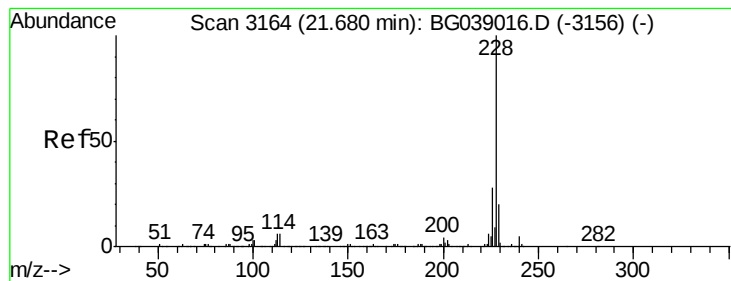


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.068 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

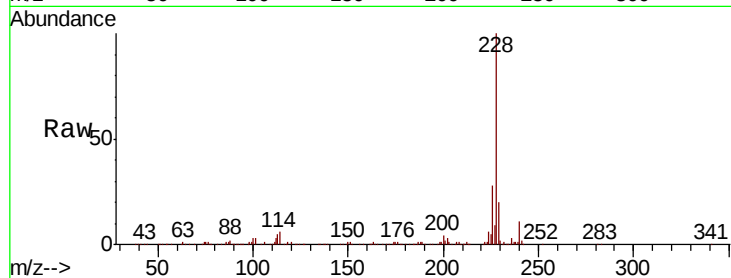
Tgt Ion:228 Resp: 311916

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

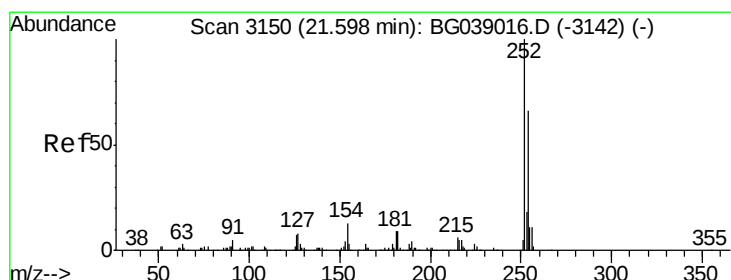
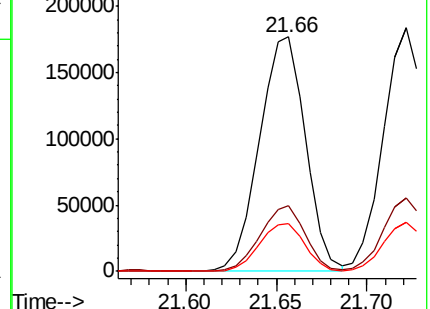
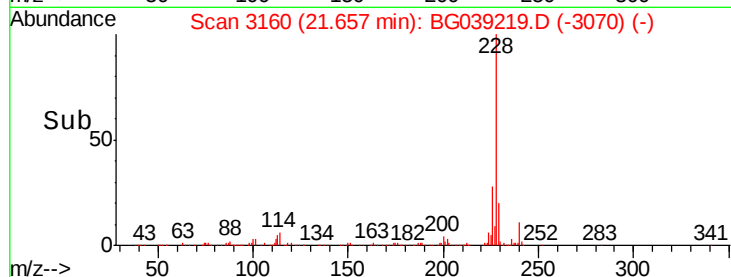
229 20.4 16.2 24.2



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: 24.655 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

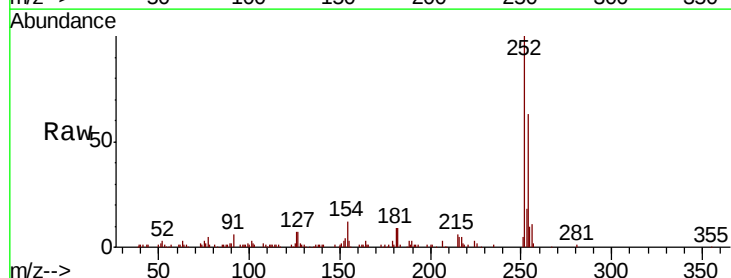
Tgt Ion:252 Resp: 72753

Ion Ratio Lower Upper

252 100

254 62.9 53.0 79.6

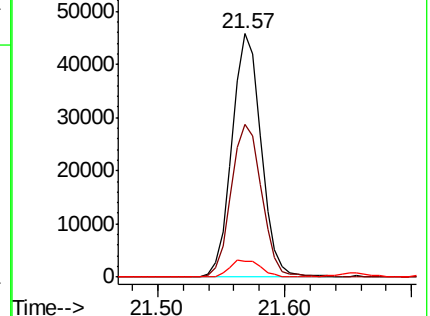
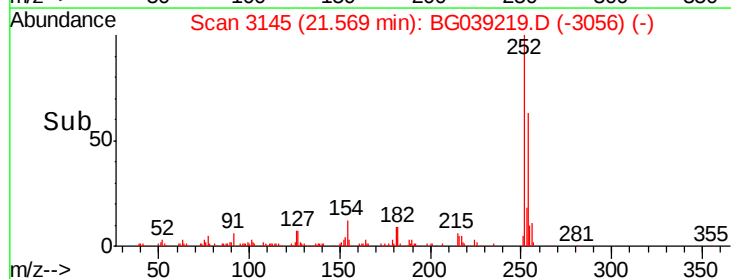
126 6.6 6.0 9.0

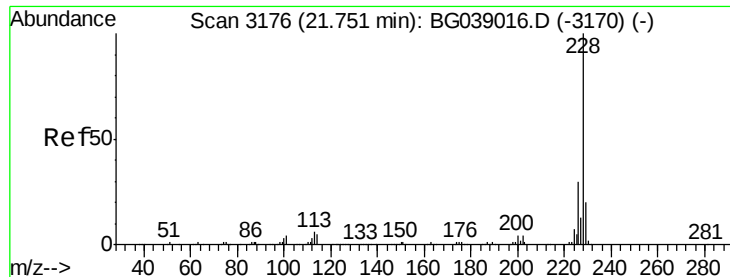


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.204 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

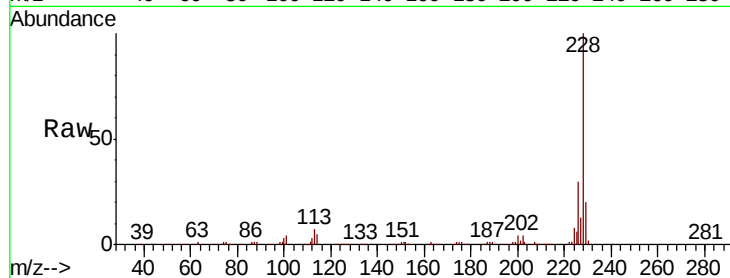
Tgt Ion:228 Resp: 297594

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.0 16.0 24.0

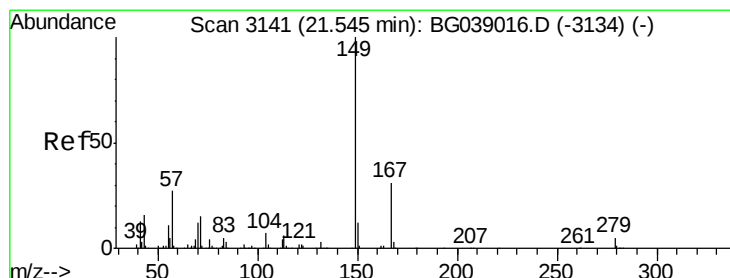
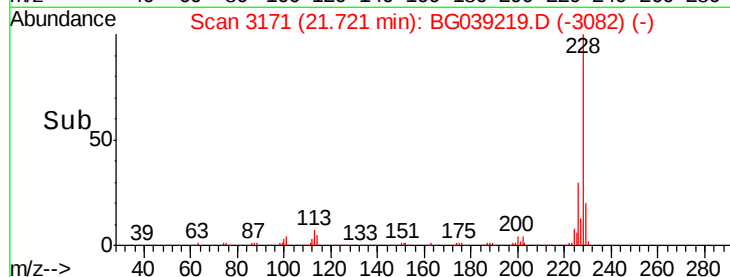
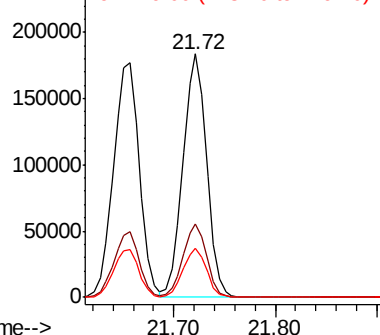


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.206 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

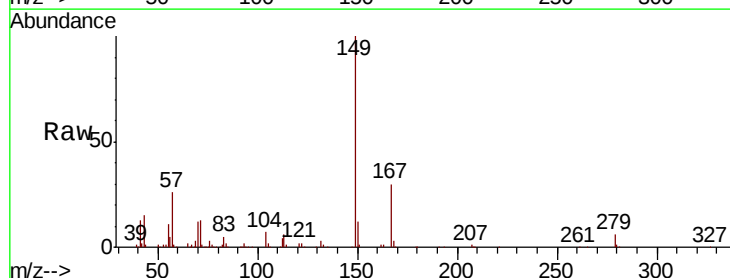
Tgt Ion:149 Resp: 168995

Ion Ratio Lower Upper

149 100

167 29.9 25.0 37.4

279 5.6 4.3 6.5

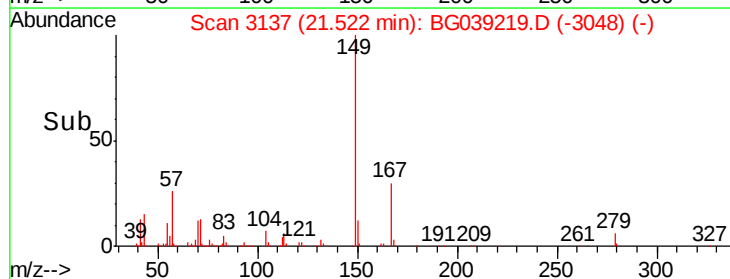
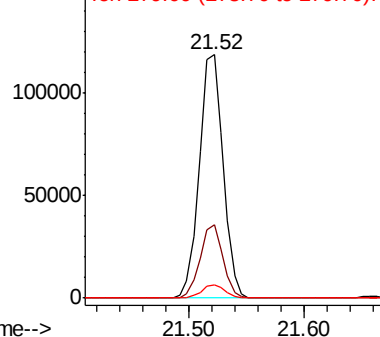


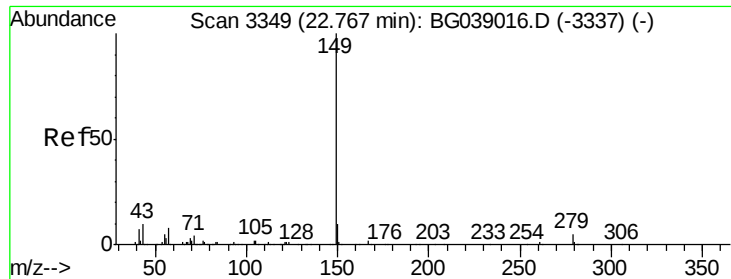
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

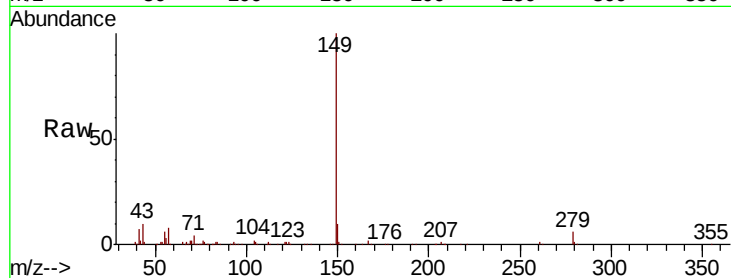




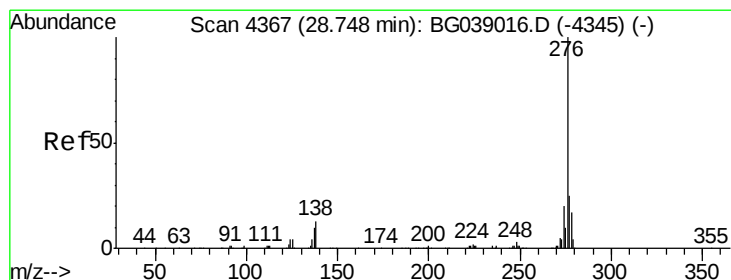
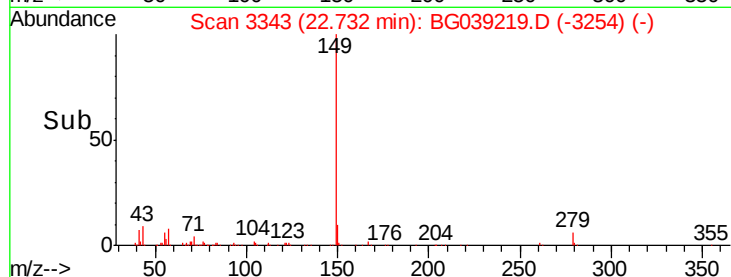
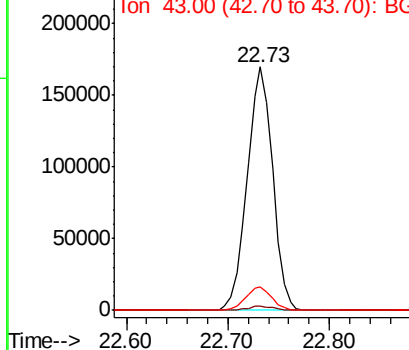
#85
 Di-n-octyl phthalate
 Concen: 43.541 ng
 RT: 22.73 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.6	7.5	11.3

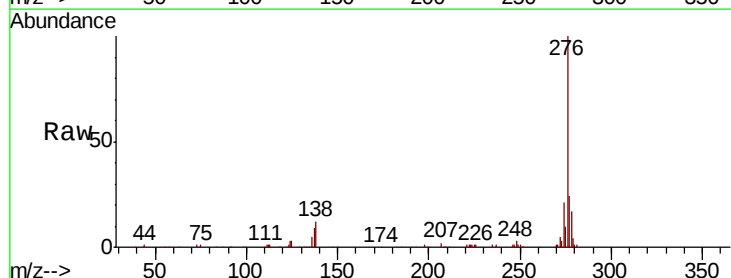


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

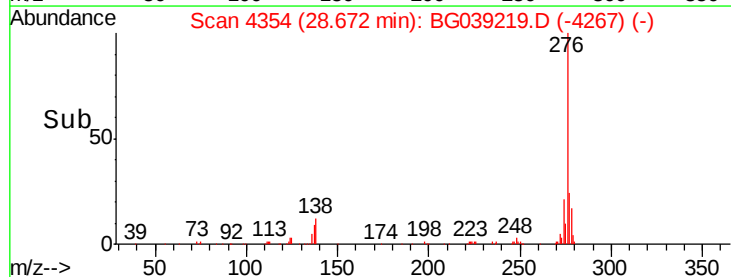
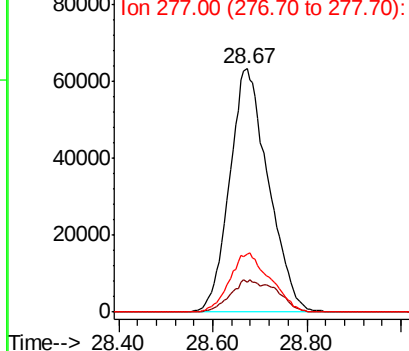


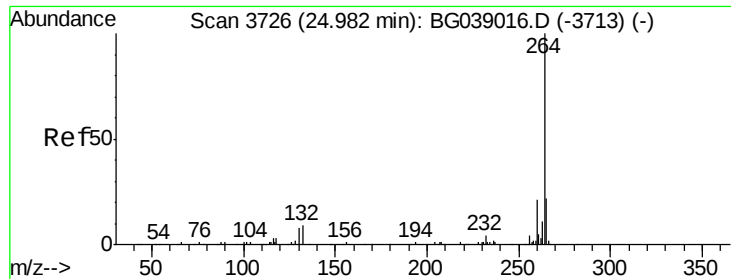
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.918 ng
 RT: 28.67 min Scan# 4354
 Delta R.T. -0.02 min
 Lab File: BG039219.D
 Acq: 18 Jan 2019 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.0	8.0	12.0#
277	25.4	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

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

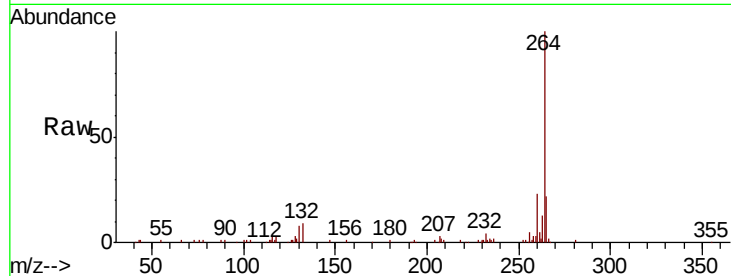
Tgt Ion:264 Resp: 123653

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.6

265 22.3 17.2 25.8

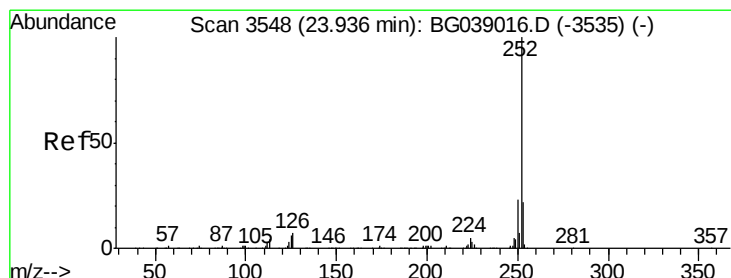
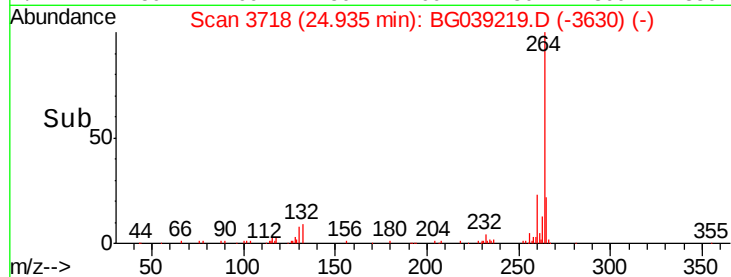
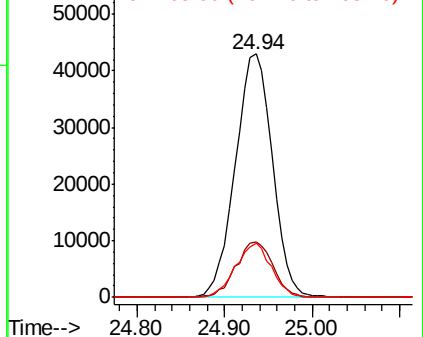


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.487 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

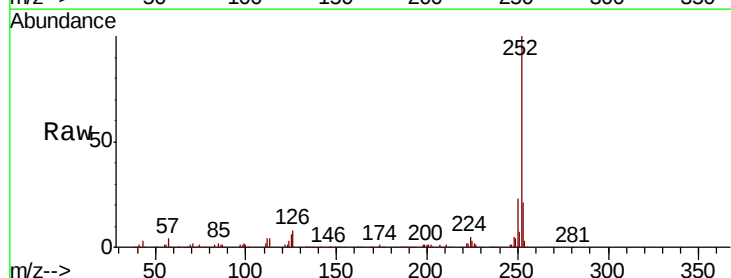
Tgt Ion:252 Resp: 310139

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 6.3 4.9 7.3

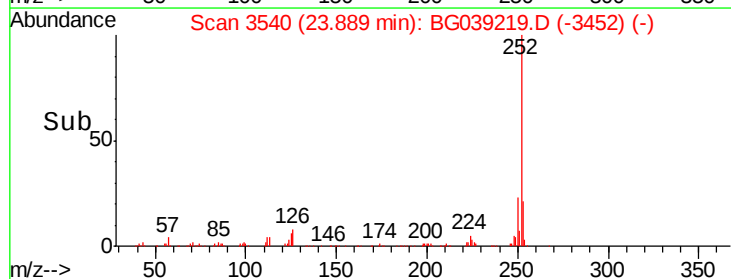
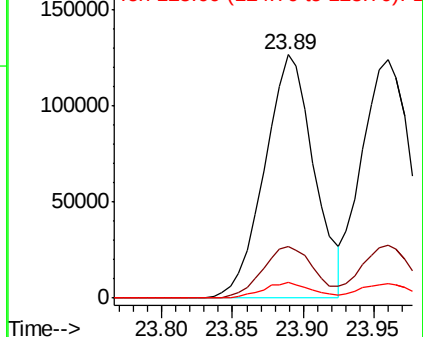


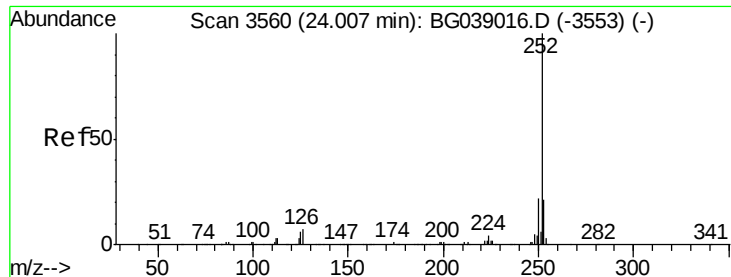
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.791 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Instrument :

BNA_G

ClientSampleId :

PB116481BS

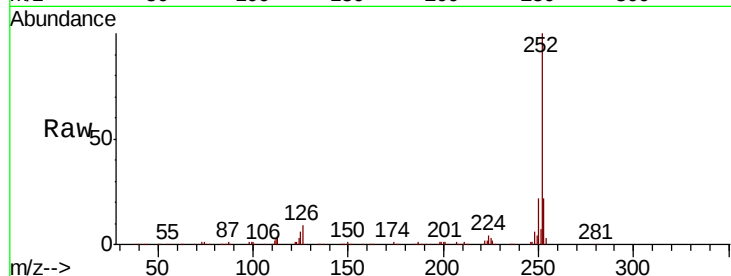
Tgt Ion:252 Resp: 301951

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

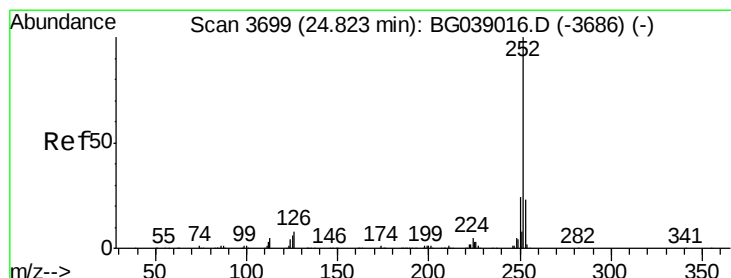
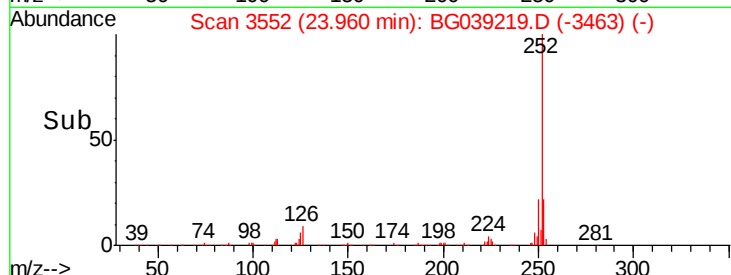
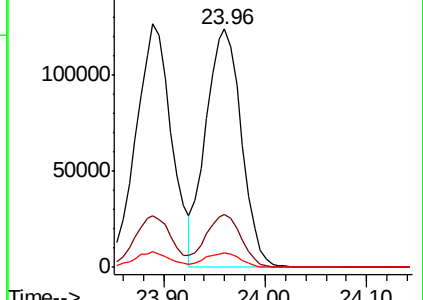
125 6.3 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.507 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

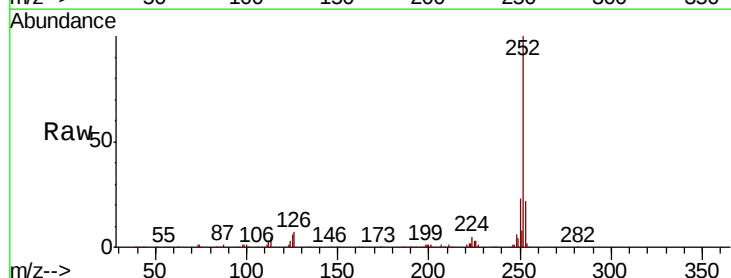
Tgt Ion:252 Resp: 293314

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

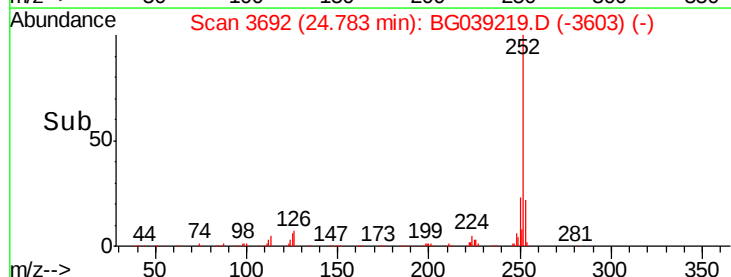
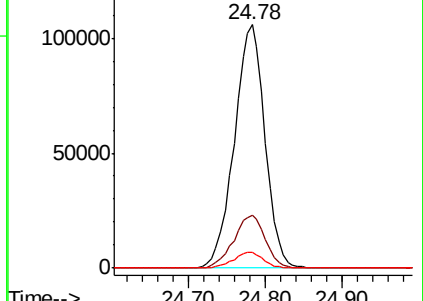
125 6.4 4.9 7.3

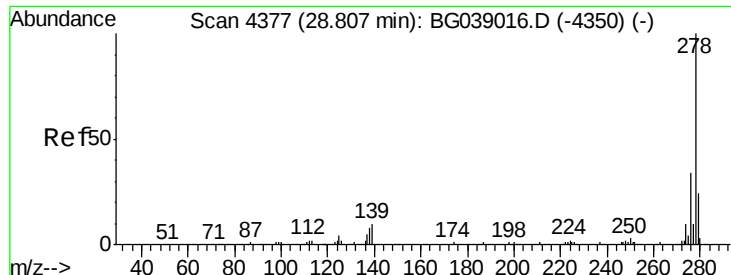


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.572 ng

RT: 28.73 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

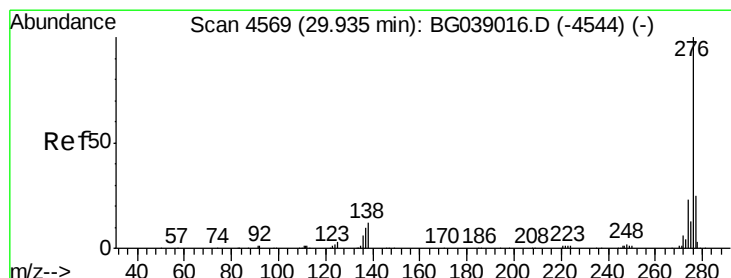
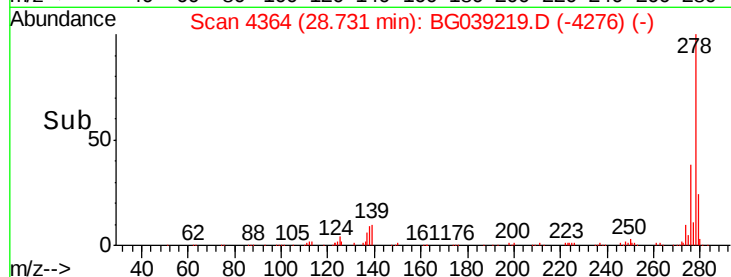
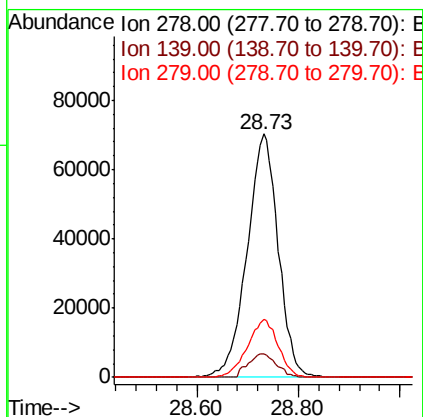
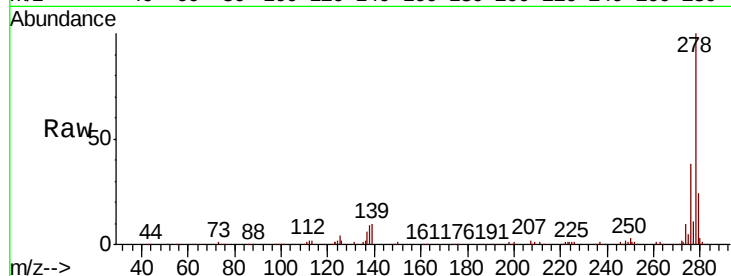
Instrument :

BNA_G

ClientSampleId :

PB116481BS

Tgt Ion:	278	Resp:	298733
Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.9	11.9
279	24.0	19.3	28.9



#92

Benzo(g,h,i)perylene

Concen: 45.276 ng

RT: 29.85 min Scan# 4554

Delta R.T. -0.02 min

Lab File: BG039219.D

Acq: 18 Jan 2019 17:17

Tgt Ion:	276	Resp:	293820
Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.3	30.5
138	12.5	9.4	14.2

