

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039020.D
 Acq On : 9 Jan 2019 14:34
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

Quant Time: Jan 09 15:15:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	24163	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	98319	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69916	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	176283	20.00	ng	0.00
76) Chrysene-d12	21.71	240	178344	20.00	ng	0.00
87) Perylene-d12	24.99	264	195472	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	102840	80.74	ng	0.00
7) Phenol-d6	7.19	99	149789	81.71	ng	0.00
23) Nitrobenzene-d5	9.21	82	145994	81.25	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	94660	80.77	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	406012	79.47	ng	0.00
79) Terphenyl-d14	20.03	244	755894	78.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	19921	39.937	ng	99
3) Pyridine	3.86	79	55187	40.717	ng	100
4) n-Nitrosodimethylamine	3.79	42	25350	41.564	ng	99
6) Aniline	7.36	93	90233	40.987	ng	97
8) 2-Chlorophenol	7.59	128	59342	39.522	ng	96
9) Benzaldehyde	7.17	77	40455	38.268	ng	95
10) Phenol	7.22	94	76142	41.430	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	56463	40.198	ng	96
12) 1,3-Dichlorobenzene	7.92	146	69510	38.639	ng	96
13) 1,4-Dichlorobenzene	8.06	146	72378	39.726	ng	98
14) 1,2-Dichlorobenzene	8.39	146	69815	40.189	ng	98
15) Benzyl Alcohol	8.28	79	58468	42.354	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	107459	39.897	ng	96
17) 2-Methylphenol	8.48	107	52638	41.248	ng	98
18) Hexachloroethane	9.11	117	24755	39.993	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	48669	40.431	ng	96
20) 3+4-Methylphenols	8.80	107	73835	40.581	ng	97
22) Acetophenone	8.86	105	105148	40.952	ng	98
24) Nitrobenzene	9.25	77	72329	39.826	ng	98
25) Isophorone	9.77	82	123729	39.976	ng	100
26) 2-Nitrophenol	9.96	139	40359	41.085	ng	98
27) 2,4-Dimethylphenol	10.01	122	57336	41.487	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	75806	40.753	ng	94
29) 2,4-Dichlorophenol	10.50	162	72250	42.081	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	82236	39.863	ng	100
31) Naphthalene	10.90	128	196242	39.797	ng	100
32) Benzoic acid	10.17	122	31267	38.992	ng	94
33) 4-Chloroaniline	11.02	127	89205	40.429	ng	99
34) Hexachlorobutadiene	11.16	225	56151	39.558	ng	99
35) Caprolactam	11.81	113	28395	41.243	ng	89
36) 4-Chloro-3-methylphenol	12.14	107	75214	40.958	ng	94
37) 2-Methylnaphthalene	12.51	142	148438	40.150	ng	97
38) 1-Methylnaphthalene	12.72	142	142003	40.017	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	108833	41.448	ng	99

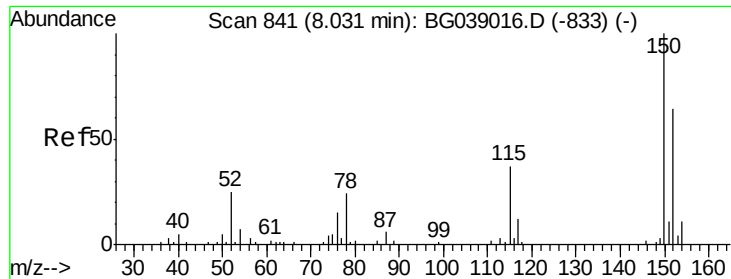
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	52370	38.609	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	69184	41.864	ng	100
44) 2,4,5-Trichlorophenol	13.19	196	72678	41.610	ng	98
46) 1,1'-Biphenyl	13.50	154	222295	40.126	ng	99
47) 2-Chloronaphthalene	13.56	162	183703	40.977	ng	97
48) 2-Nitroaniline	13.77	65	51202	40.767	ng	96
49) Acenaphthylene	14.40	152	269792	40.038	ng	99
50) Dimethylphthalate	14.13	163	235376	39.839	ng	99
51) 2,6-Dinitrotoluene	14.26	165	53584	40.566	ng	94
52) Acenaphthene	14.74	154	161882	39.985	ng	96
53) 3-Nitroaniline	14.60	138	53213	39.711	ng	99
54) 2,4-Dinitrophenol	14.80	184	29342	40.039	ng	95
55) Dibenzofuran	15.07	168	287298	40.180	ng	98
56) 4-Nitrophenol	14.90	139	39486	40.954	ng	94
57) 2,4-Dinitrotoluene	15.04	165	75640	39.913	ng	98
58) Fluorene	15.72	166	214183	39.795	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	68855	41.761	ng	96
60) Diethylphthalate	15.48	149	239688	39.375	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	136454	40.242	ng	100
62) 4-Nitroaniline	15.76	138	57132	40.928	ng	98
63) Azobenzene	16.00	77	189297	39.765	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	53885	41.259	ng	94
66) n-Nitrosodiphenylamine	15.93	169	209977	40.180	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	92673	40.896	ng	95
68) Hexachlorobenzene	16.72	284	98639	39.892	ng	97
69) Atrazine	16.87	200	87561	39.441	ng	95
70) Pentachlorophenol	17.07	266	55426	39.449	ng	94
71) Phenanthrene	17.47	178	368132	39.509	ng	99
72) Anthracene	17.56	178	364775	39.594	ng	99
73) Carbazole	17.84	167	357707	39.331	ng	97
74) Di-n-butylphthalate	18.36	149	393370	38.880	ng	99
75) Fluoranthene	19.47	202	449579	38.921	ng	99
77) Benzidine	19.66	184	195363	35.814	ng	97
78) Pyrene	19.84	202	456572	40.171	ng	98
80) Butylbenzylphthalate	20.71	149	175404	40.577	ng	98
81) Benzo(a)anthracene	21.68	228	437604	40.307	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	175057	39.574	ng	99
83) Chrysene	21.75	228	415271	40.217	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	243974	40.647	ng	97
85) Di-n-octyl phthalate	22.77	149	411211	40.516	ng	100
86) Indeno(1,2,3-cd)pyrene	28.76	276	500643	40.577	ng	99
88) Benzo(b)fluoranthene	23.94	252	428961	39.799	ng	99
89) Benzo(k)fluoranthene	24.00	252	435452	40.862	ng	98
90) Benzo(a)pyrene	24.83	252	420472	40.360	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	417368	40.277	ng	98
92) Benzo(g,h,i)perylene	29.94	276	411862	40.147	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 842

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

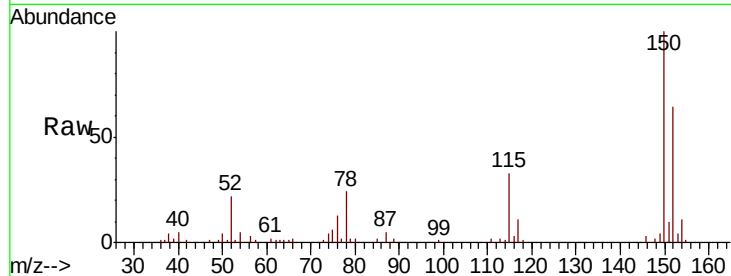
Tot Ion:152 Resp: 24163

Ion Ratio Lower Upper

152 100

150 156.9 124.7 187.1

115 52.6 46.5 69.7

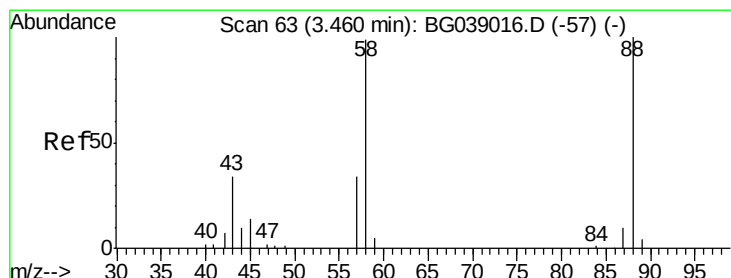
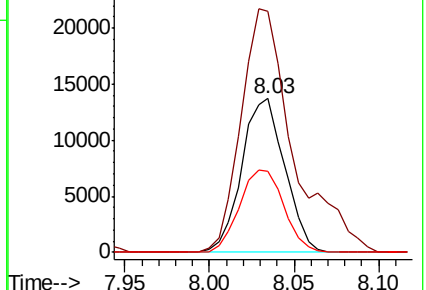
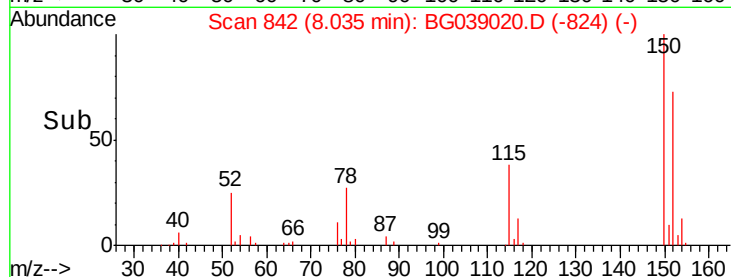


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.937 ng

RT: 3.46 min Scan# 63

Delta R.T. -0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

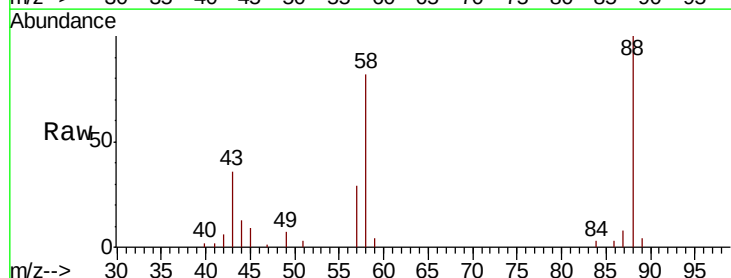
Tgt Ion: 88 Resp: 19921

Ion Ratio Lower Upper

88 100

58 89.8 72.4 108.6

43 36.3 27.6 41.4

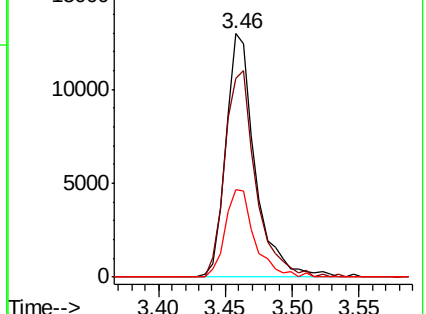
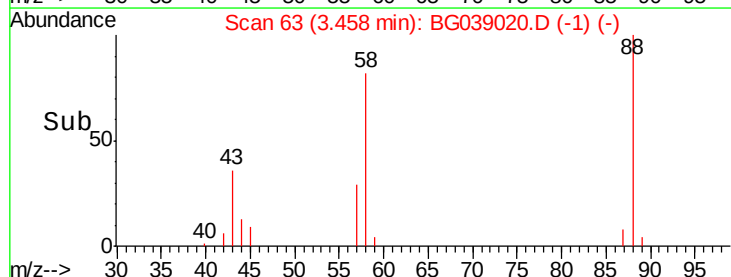


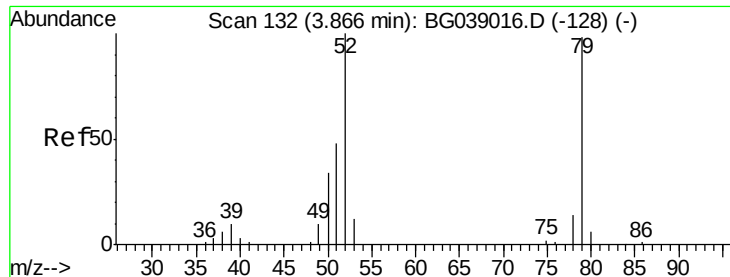
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.717 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

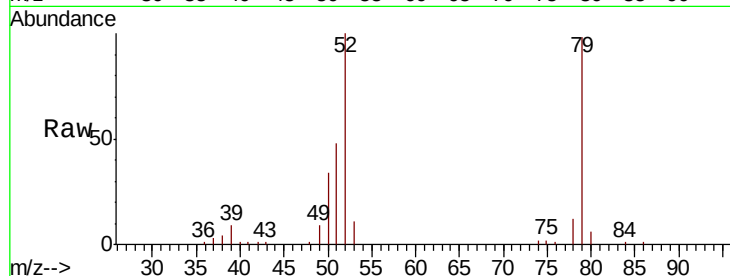
Tot Ion: 79 Resp: 55187

Ion Ratio Lower Upper

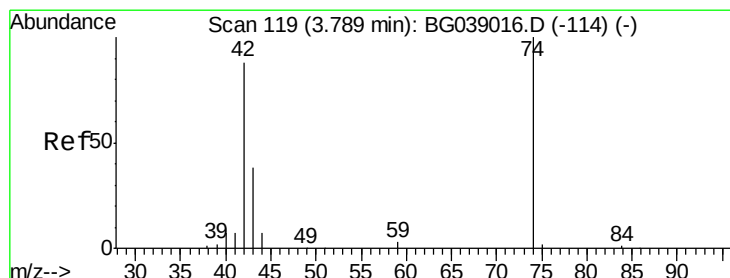
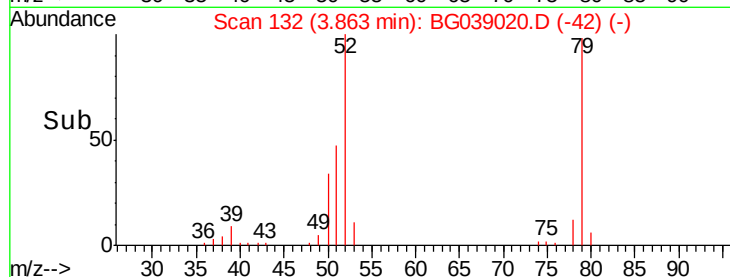
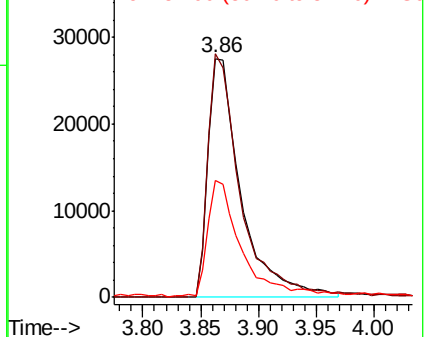
79 100

52 101.9 81.5 122.3

51 48.8 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: 41.564 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

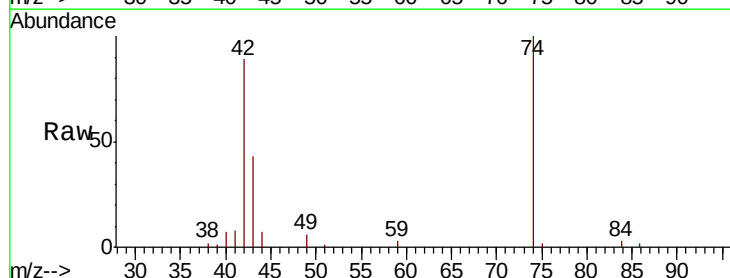
Tgt Ion: 42 Resp: 25350

Ion Ratio Lower Upper

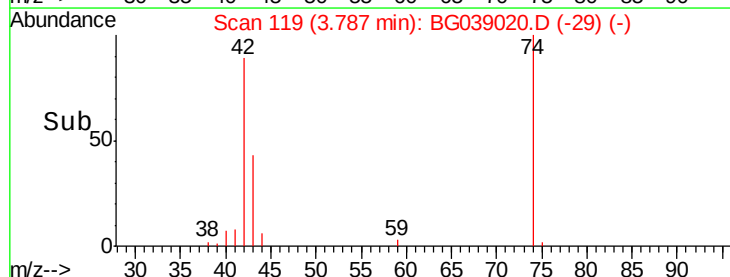
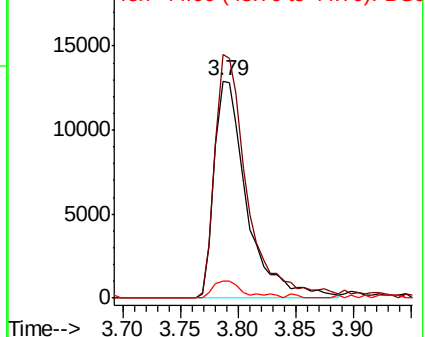
42 100

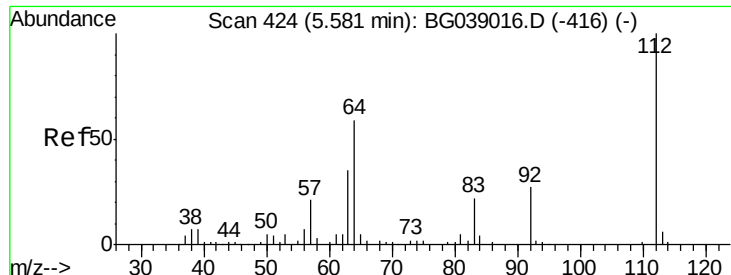
74 112.2 90.7 136.1

44 7.6 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: 80.737 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

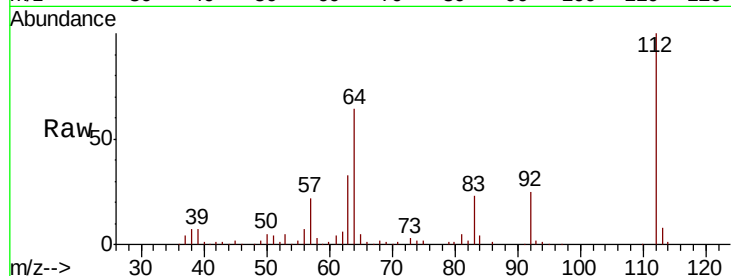
Tot Ion:112 Resp: 102840

Ion Ratio Lower Upper

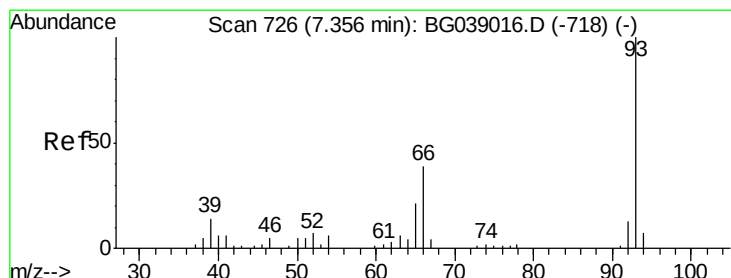
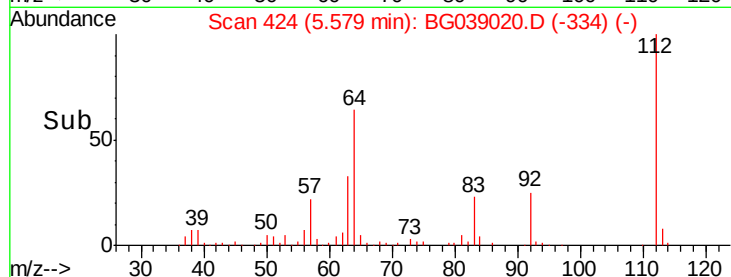
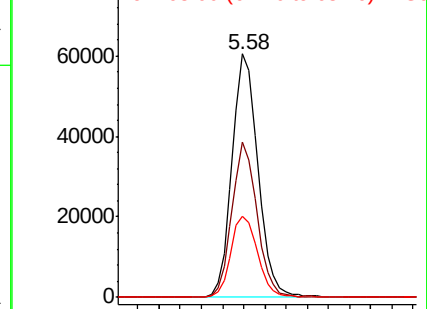
112 100

64 63.5 47.0 70.6

63 33.2 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: 40.987 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

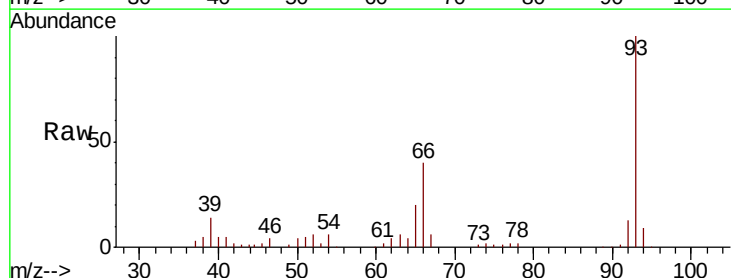
Tgt Ion: 93 Resp: 90233

Ion Ratio Lower Upper

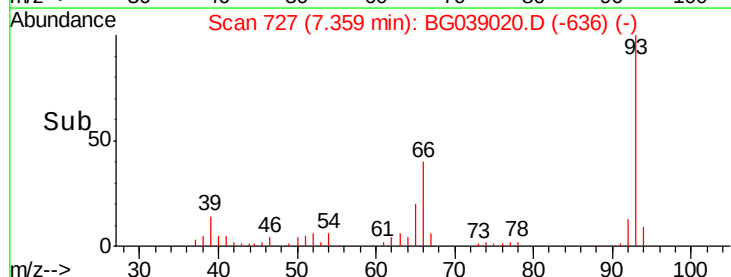
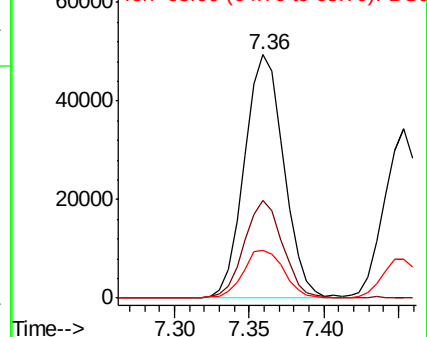
93 100

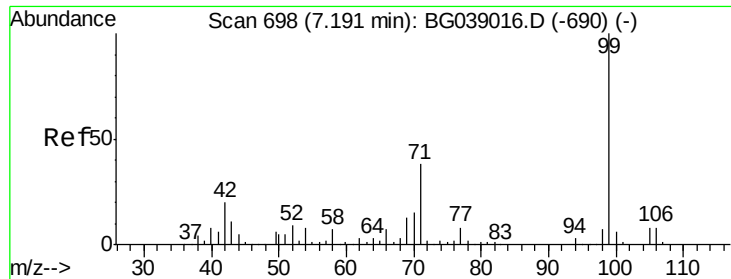
66 40.2 30.9 46.3

65 19.5 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: 81.713 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

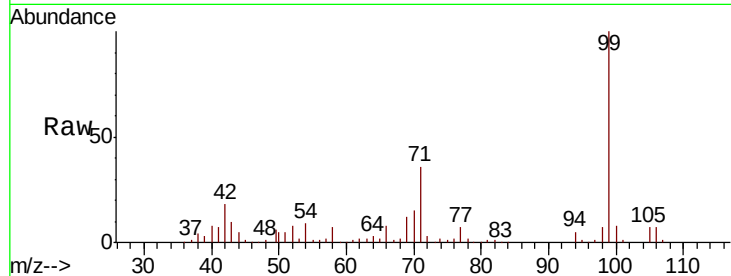
Tot Ion: 99 Resp: 149789

Ion Ratio Lower Upper

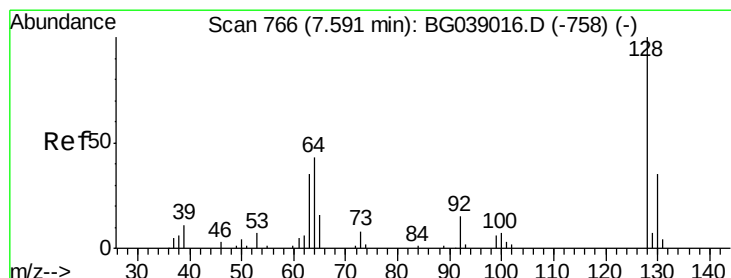
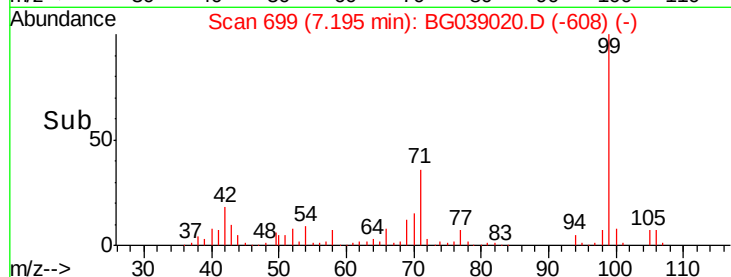
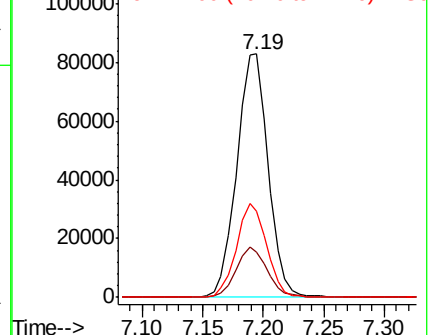
99 100

42 18.3 15.8 23.6

71 35.5 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: 39.522 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

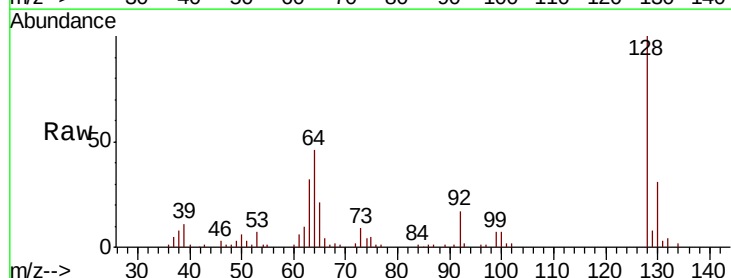
Tgt Ion: 128 Resp: 59342

Ion Ratio Lower Upper

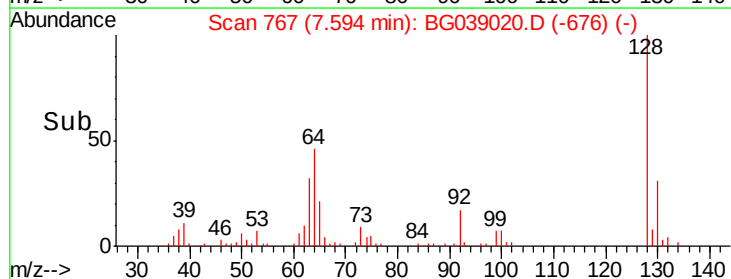
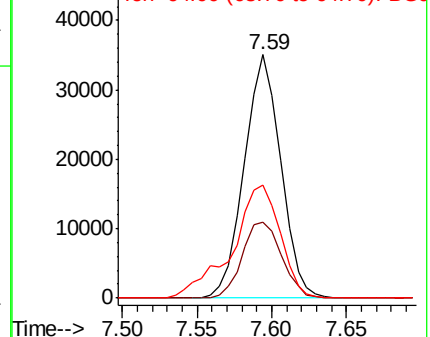
128 100

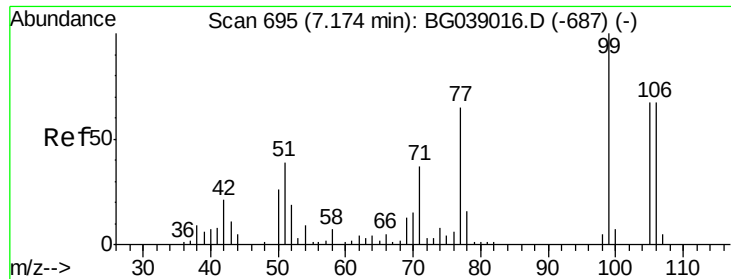
130 31.0 14.5 54.5

64 46.2 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: 38.268 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

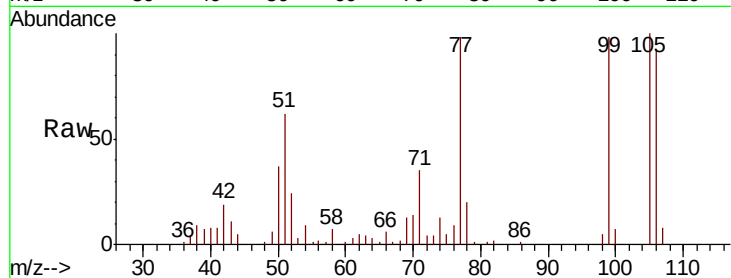
Tot Ion: 77 Resp: 40455

Ion Ratio Lower Upper

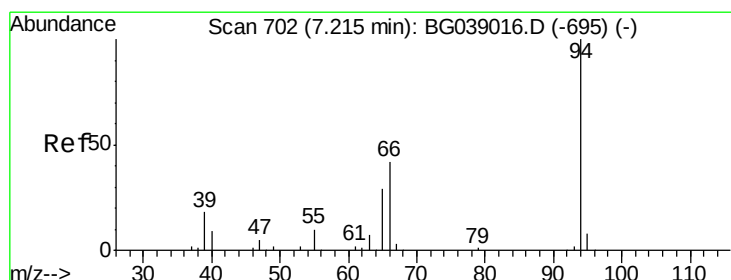
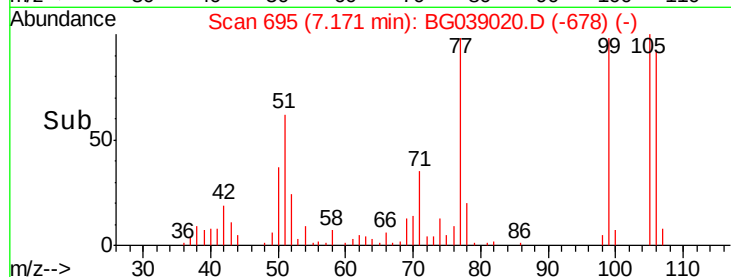
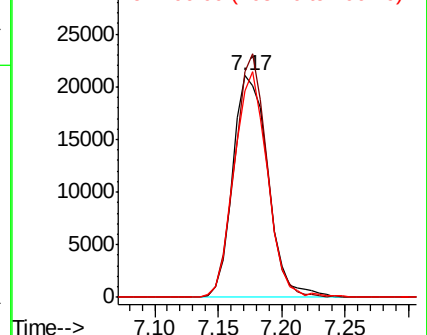
77 100

105 101.6 82.4 122.4

106 93.2 82.8 122.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.430 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

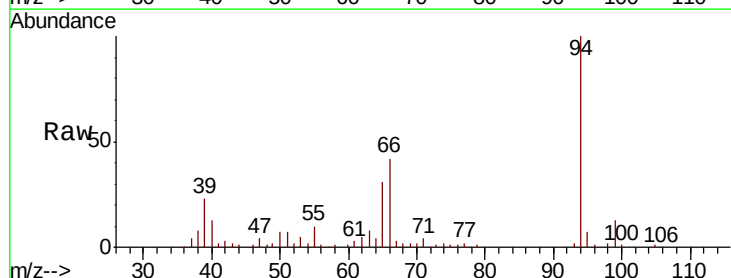
Tgt Ion: 94 Resp: 76142

Ion Ratio Lower Upper

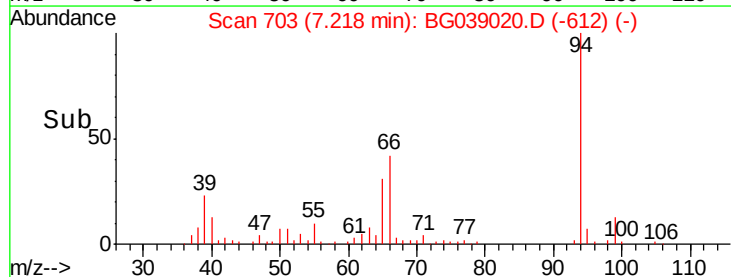
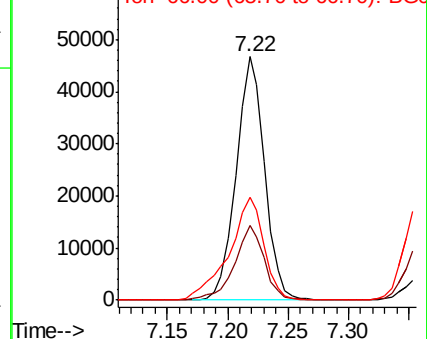
94 100

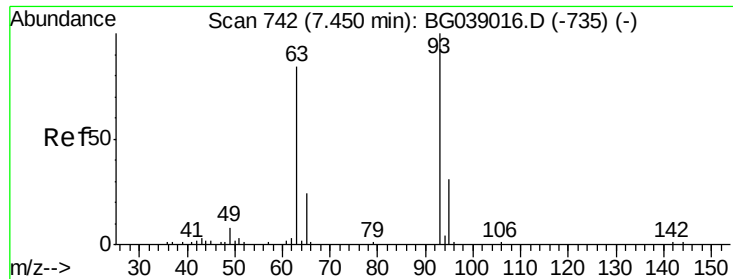
65 30.9 10.3 50.3

66 42.3 25.1 65.1



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

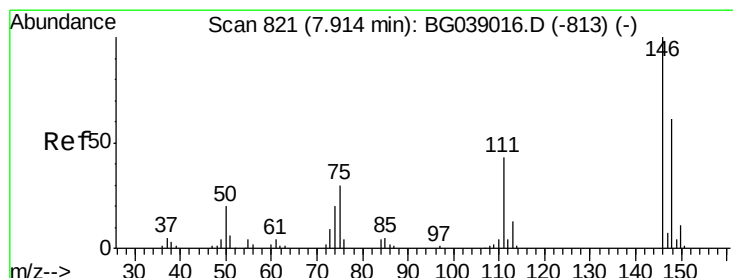
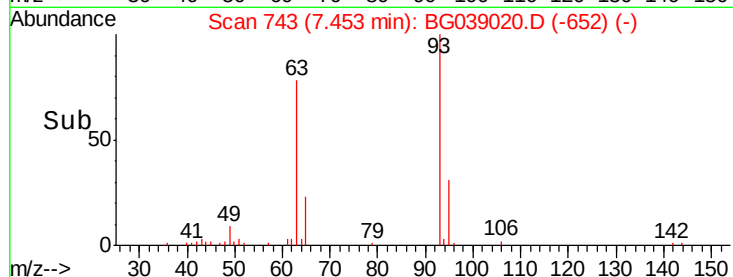
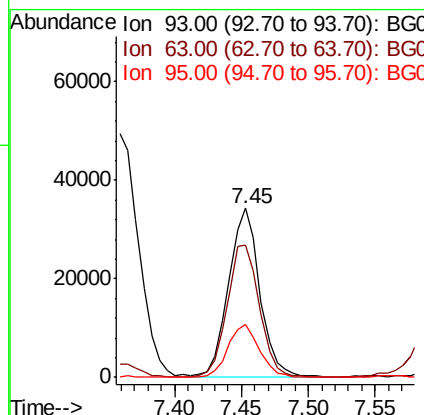
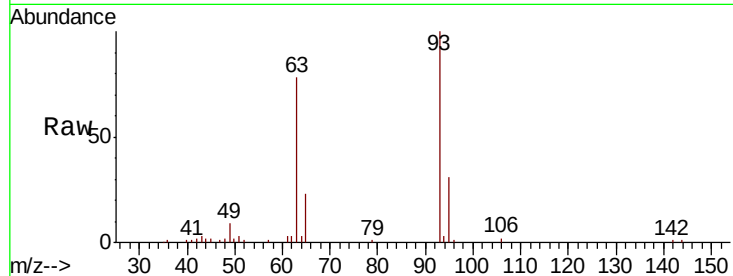




#11
 bis(2-Chloroethyl)ether
 Concen: 40.198 ng
 RT: 7.45 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

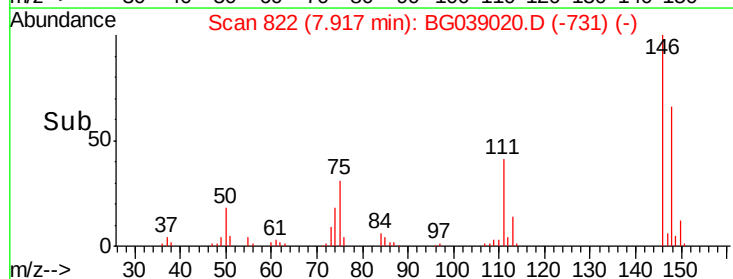
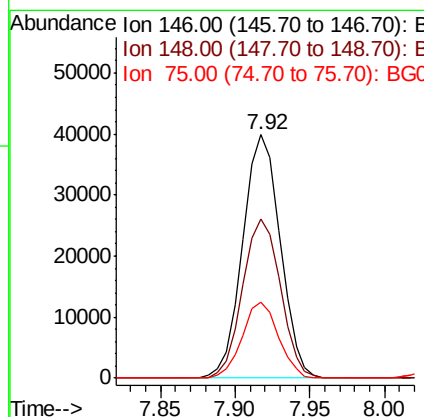
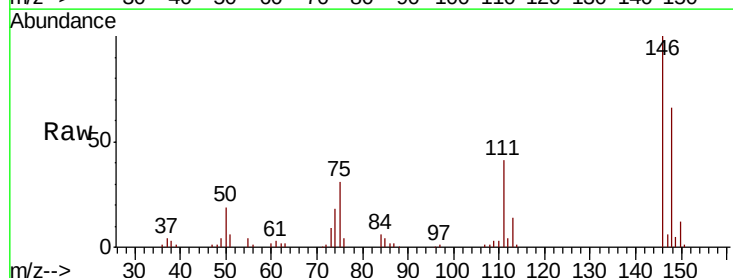
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

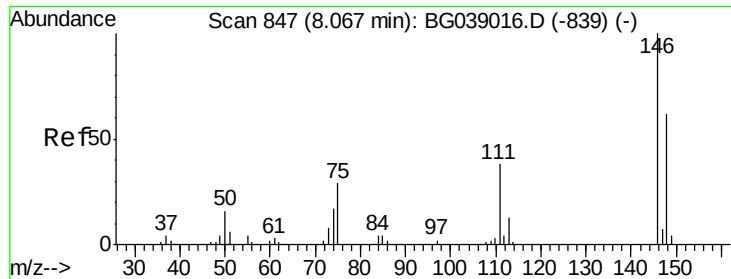
Tot Ion: 93 Resp: 56463
 Ion Ratio Lower Upper
 93 100
 63 78.4 63.2 103.2
 95 31.4 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 38.639 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion: 146 Resp: 69510
 Ion Ratio Lower Upper
 146 100
 148 65.6 49.1 73.7
 75 31.0 23.9 35.9

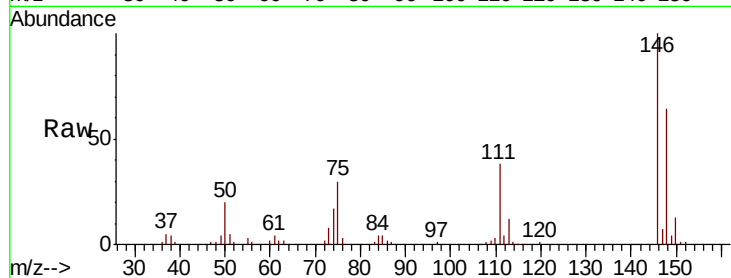




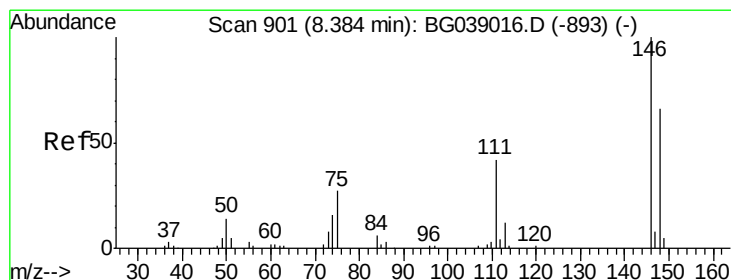
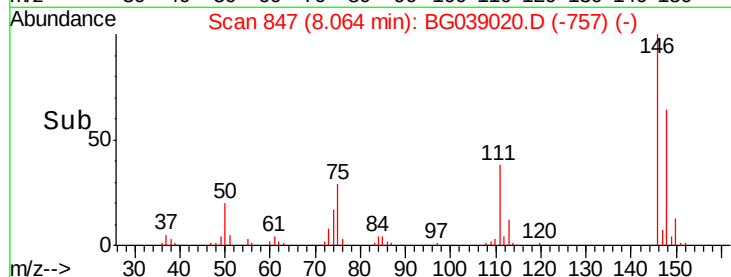
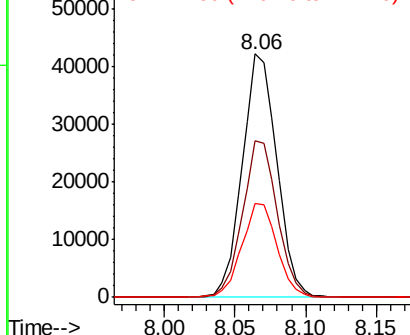
#13
 1,4-Dichlorobenzene
 Concen: 39.726 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

Tot Ion:146 Resp: 72378
 Ion Ratio Lower Upper
 146 100
 148 64.3 49.8 74.6
 111 38.3 30.6 45.8

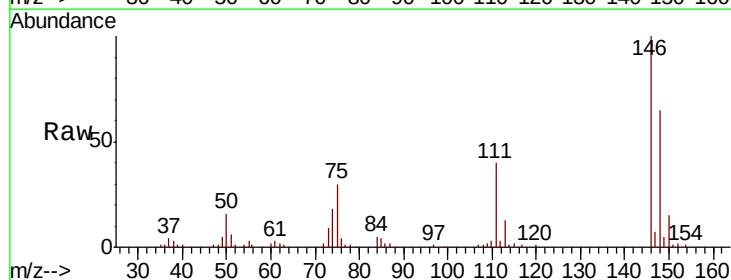


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

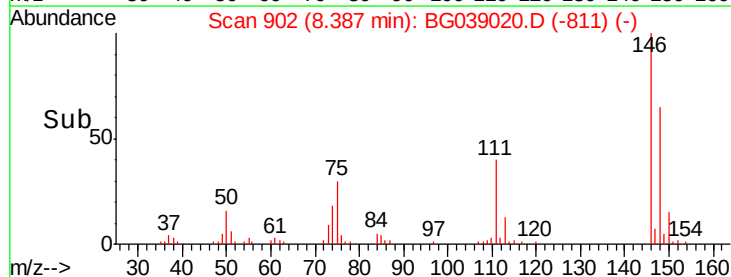
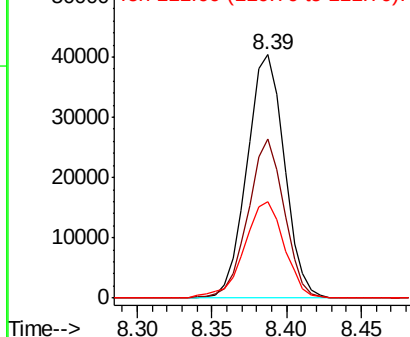


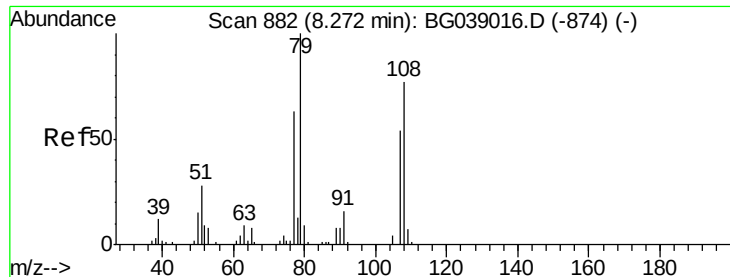
#14
 1,2-Dichlorobenzene
 Concen: 40.189 ng
 RT: 8.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion:146 Resp: 69815
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.6 79.0
 111 39.7 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

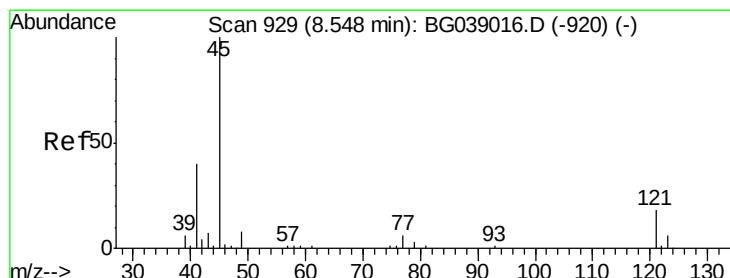
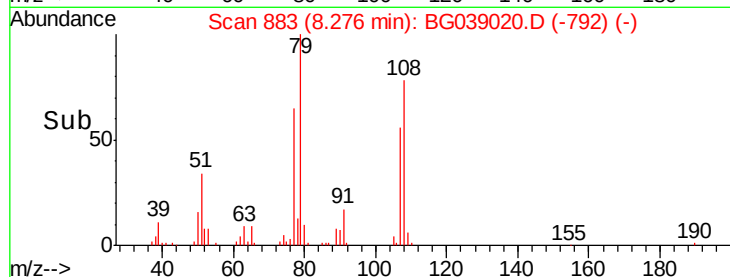
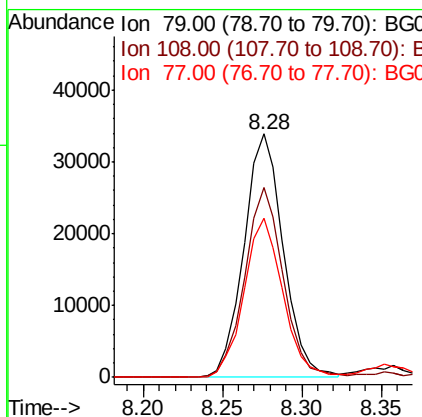
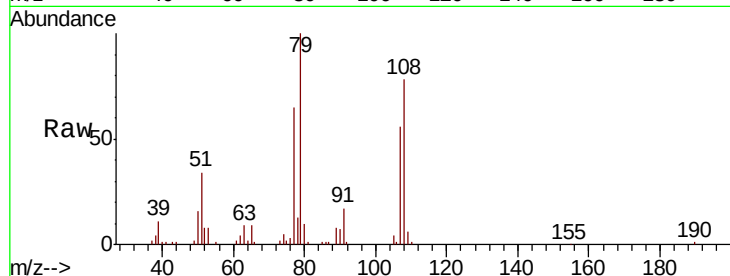




#15
Benzyl Alcohol
Concen: 42.354 ng
RT: 8.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

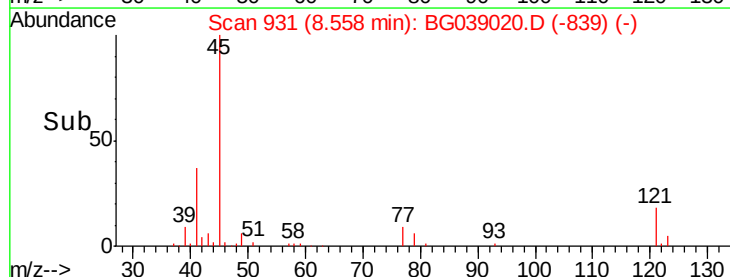
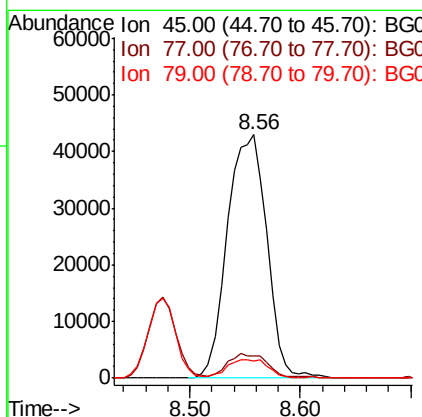
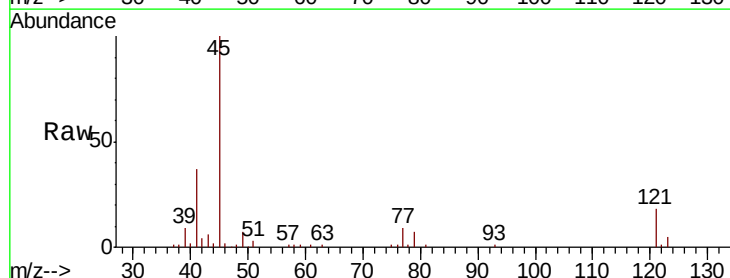
Instrument :
BNA_G
ClientSampleId :
ICVBG010919

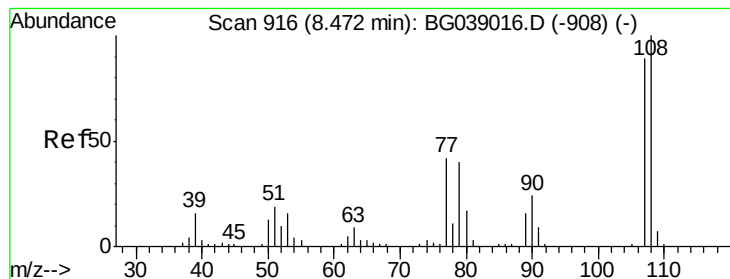
Tot Ion: 79 Resp: 58468
Ion Ratio Lower Upper
79 100
108 77.8 62.0 93.0
77 65.4 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.897 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.01 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion: 45 Resp: 107459
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.7
79 6.7 0.0 28.5





#17

2-Methylphenol

Concen: 41.248 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

Tot Ion:107 Resp: 52638

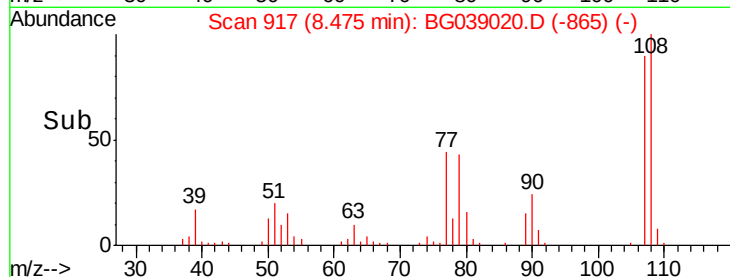
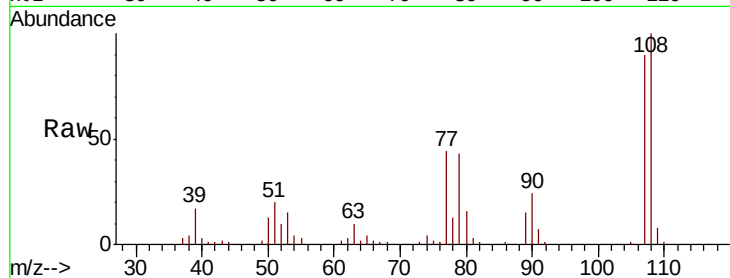
Ion Ratio Lower Upper

107 100

108 110.7 90.3 135.5

77 48.5 38.3 57.5

79 47.8 35.8 53.6

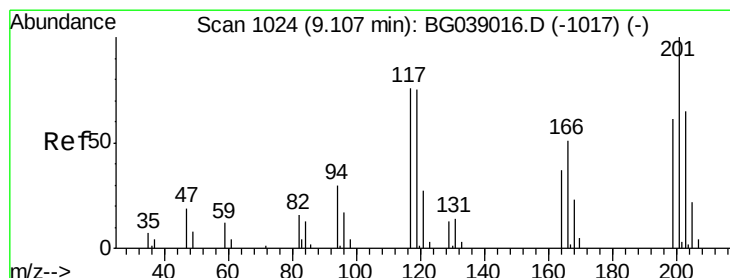
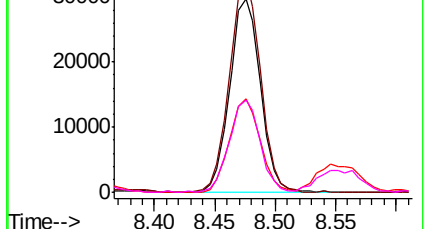


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.993 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

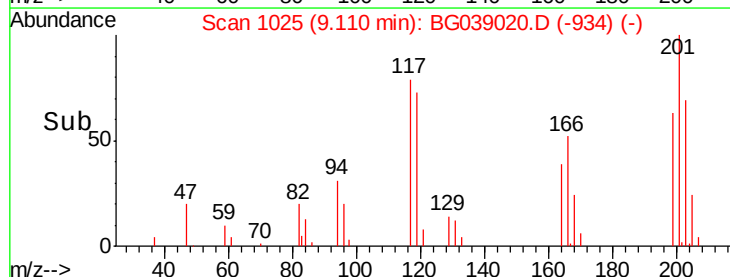
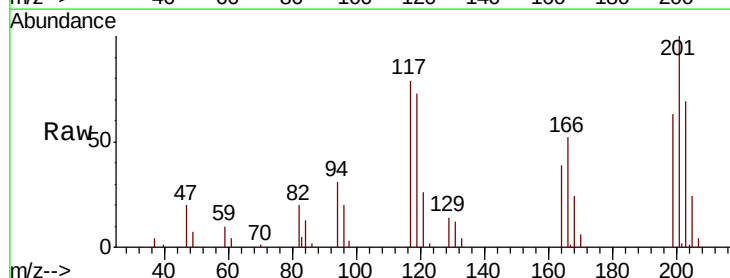
Tgt Ion:117 Resp: 24755

Ion Ratio Lower Upper

117 100

119 92.7 78.7 118.1

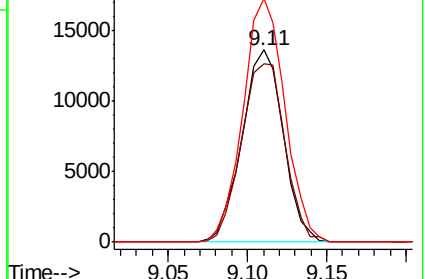
201 129.5 108.1 162.1

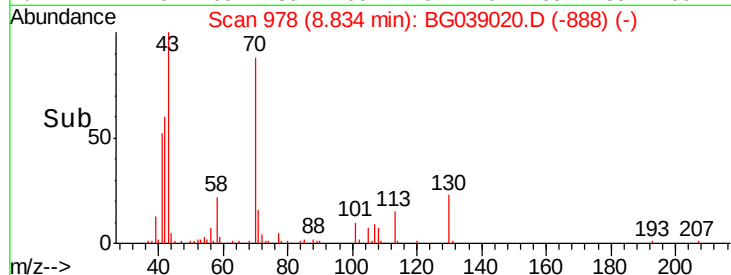
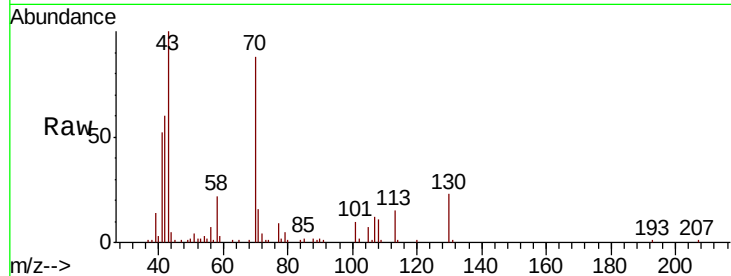
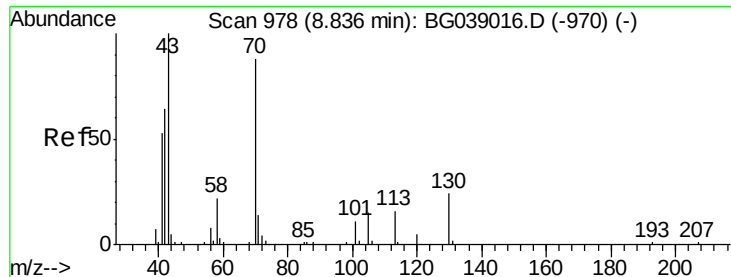


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

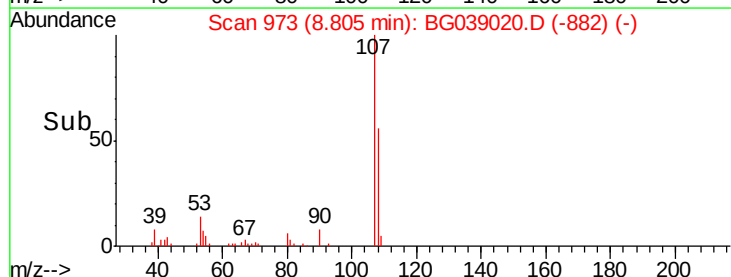
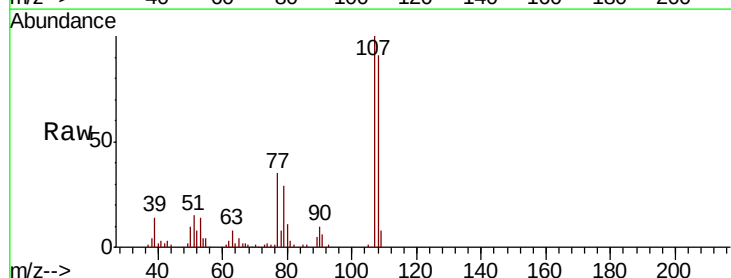
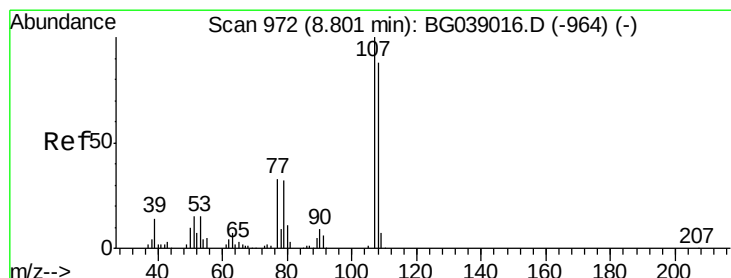
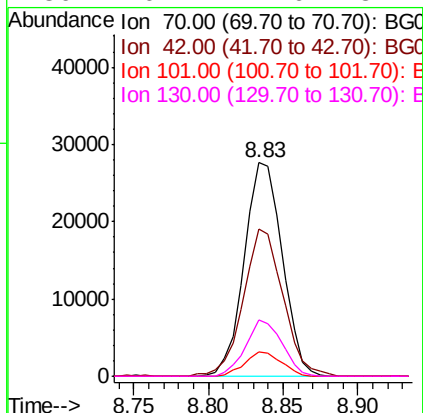




#19
n-Nitroso-di-n-propylamine
Concen: 40.431 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

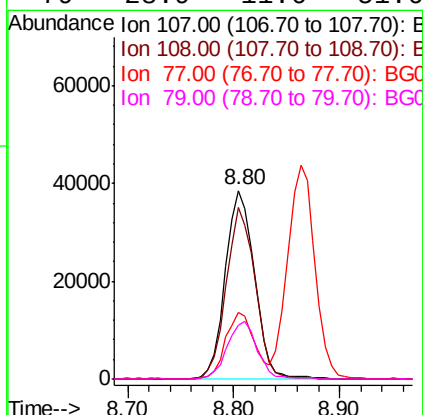
Instrument :
BNA_G
ClientSampleId :
ICVBG010919

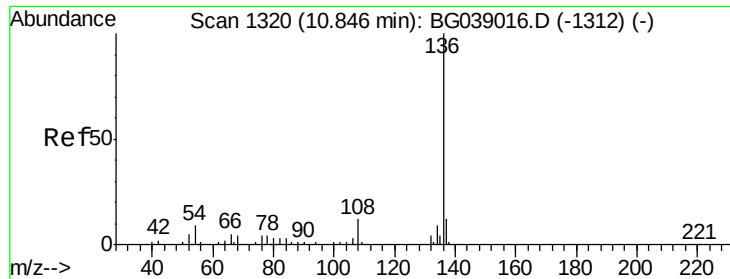
Tot Ion:	70	Resp:	48669
Ion	Ratio	Lower	Upper
70	100		
42	68.9	59.0	88.4
101	11.4	10.4	15.6
130	26.2	21.6	32.4



#20
3+4-Methylphenols
Concen: 40.581 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:	107	Resp:	73835
Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.4	108.4
77	35.1	13.3	53.3
79	28.9	11.6	51.6

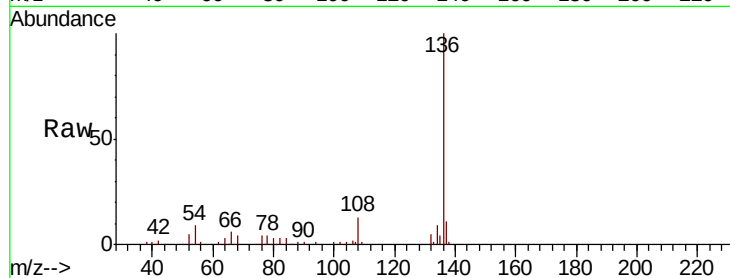




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Instrument :
BNA_G
ClientSampleId :
ICVBG010919

Tot Ion:136	Resp:	98319	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.4	14.2	
54 9.2	7.2	10.8	
68 3.7	3.5	5.3	



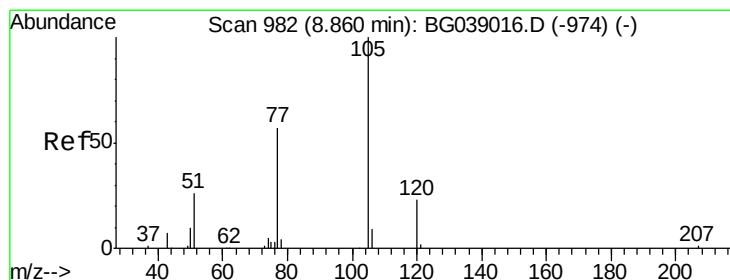
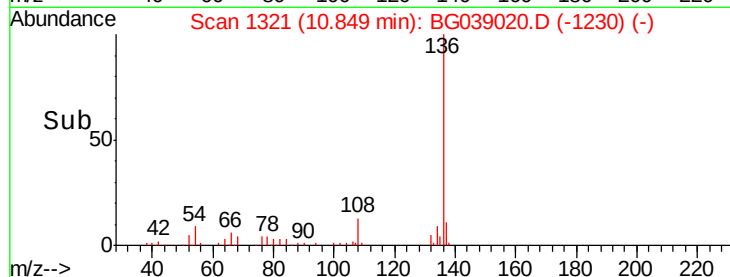
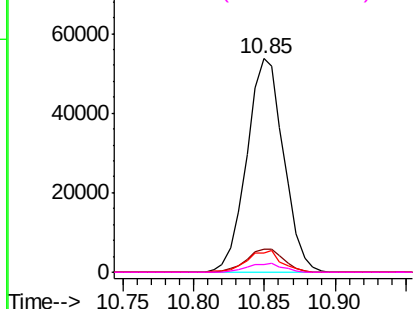
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

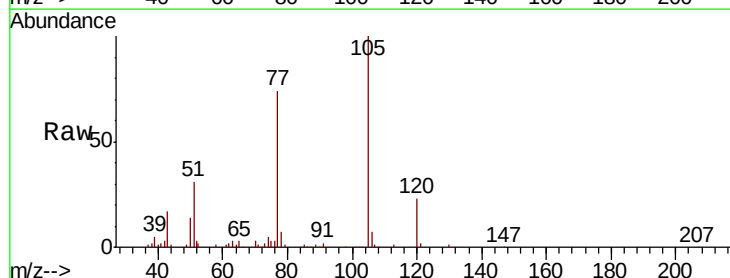
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.952 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion	Ion:105	Resp:	105148
105	Ratio 100	Lower	Upper
71	0.8	0.6	1.0
51	31.4	26.6	39.8
120	22.6	17.9	26.9



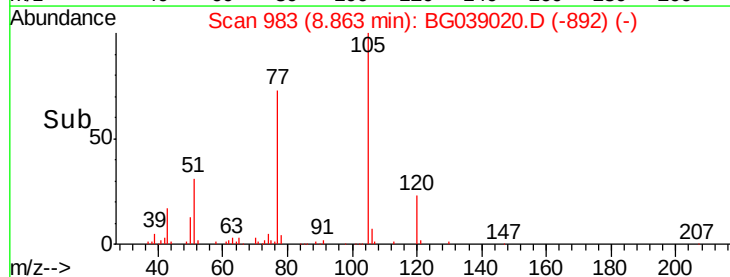
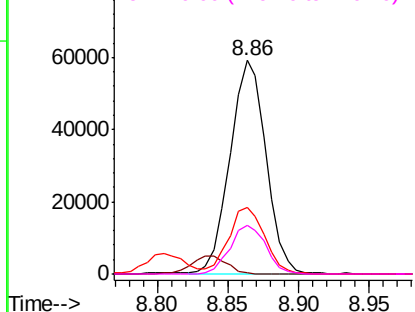
Abundance

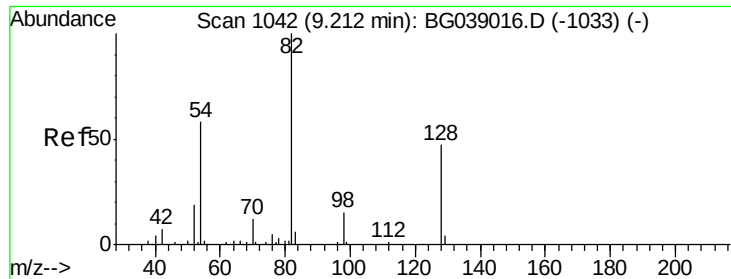
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

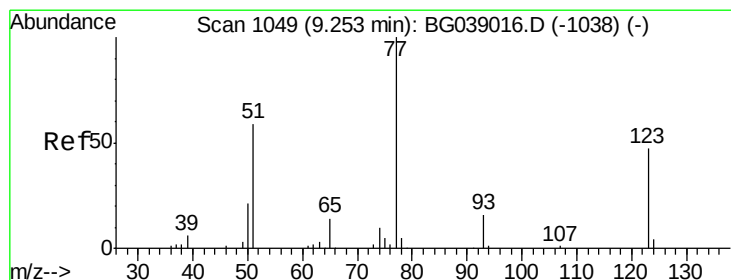
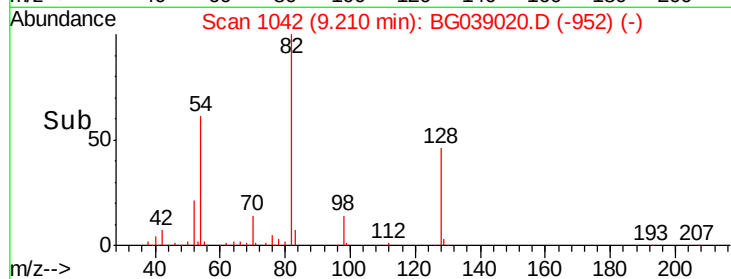
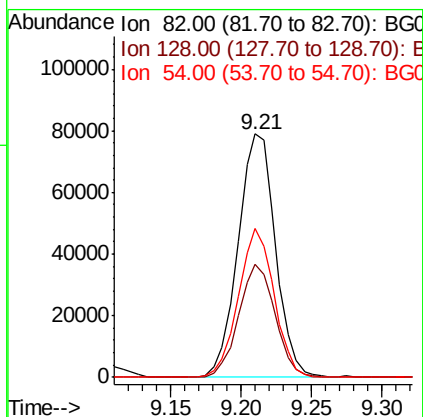
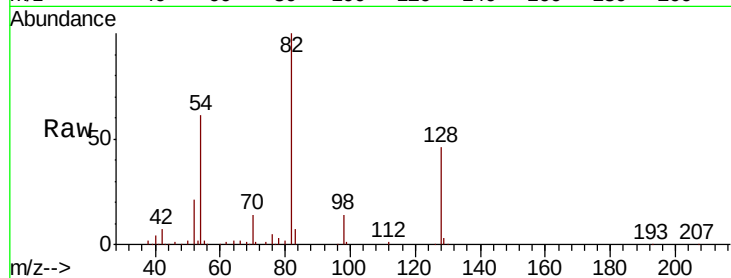




#23
 Nitrobenzene-d5
 Concen: 81.253 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

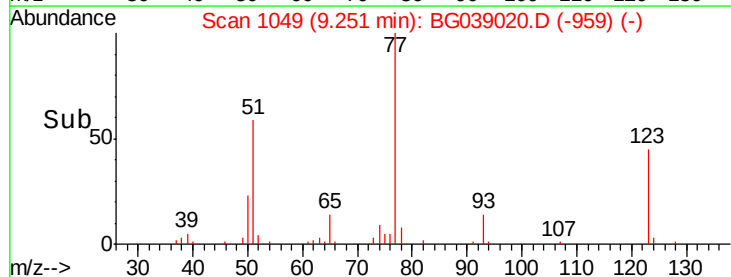
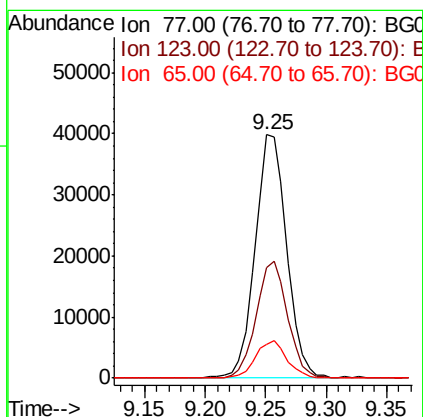
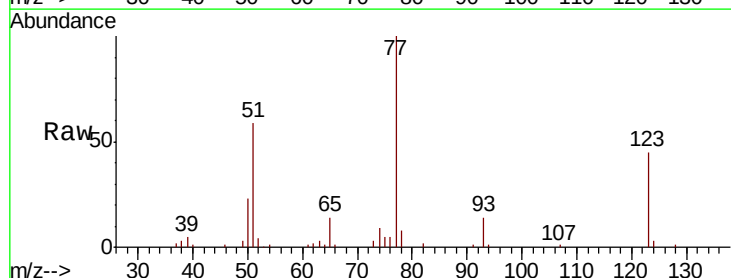
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

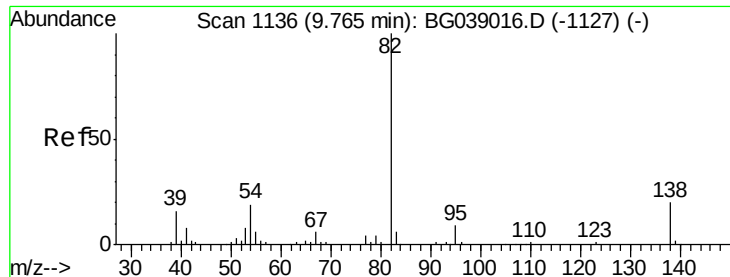
Tot Ion	82	Resp	145994
Ion Ratio	Lower	Upper	
82	100		
128	46.3	37.3	55.9
54	61.3	46.4	69.6



#24
 Nitrobenzene
 Concen: 39.826 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion	77	Resp	72329
Ion Ratio	Lower	Upper	
77	100		
123	45.3	37.6	56.4
65	13.9	11.0	16.6

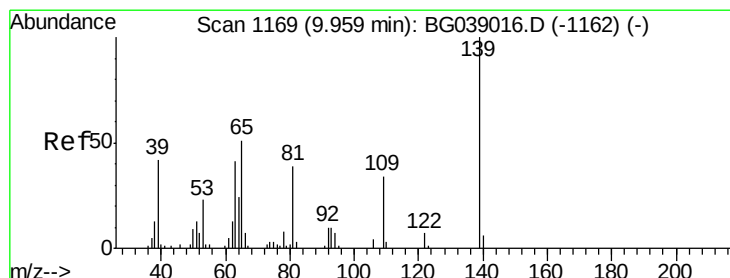
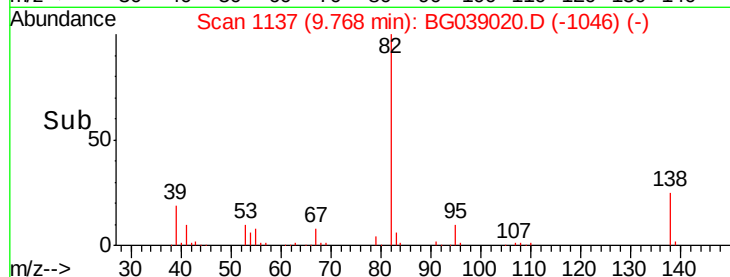
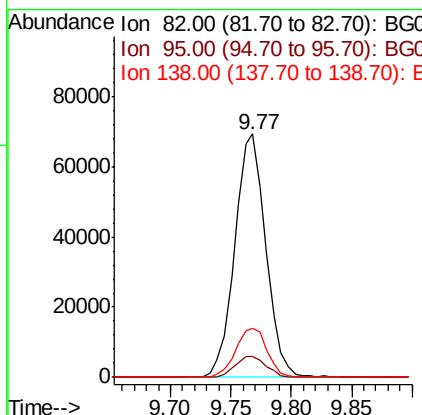
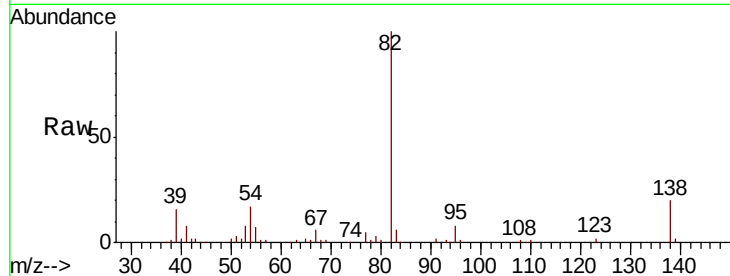




#25
Isophorone
Concen: 39.976 ng
RT: 9.77 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

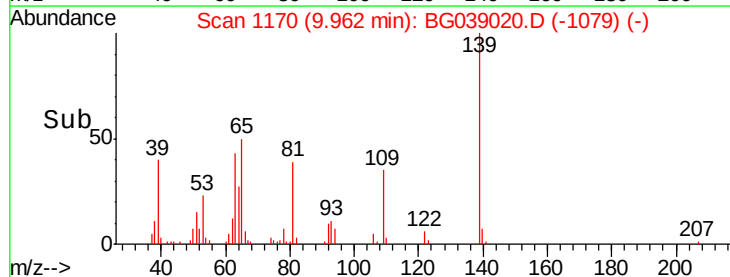
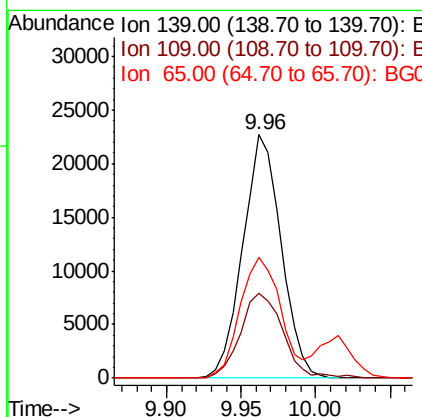
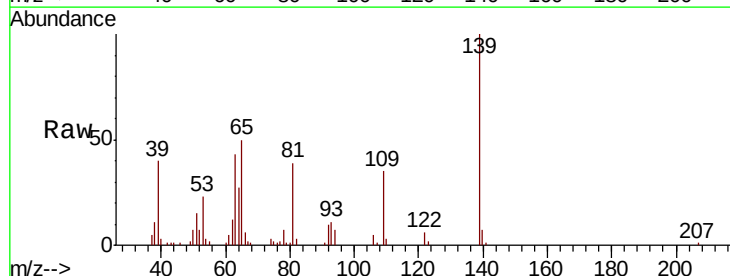
Instrument :
BNA_G
ClientSampleId :
ICVBG010919

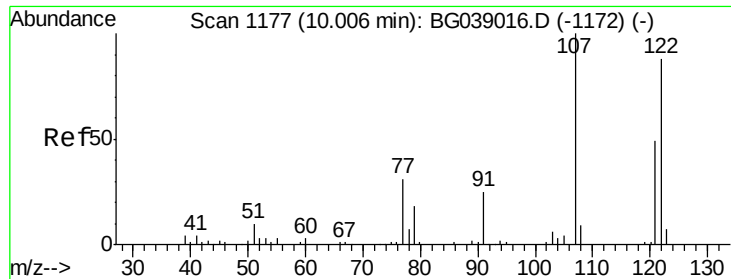
Tot Ion: 82 Resp: 123729
Ion Ratio Lower Upper
82 100
95 8.4 7.0 10.6
138 20.4 16.2 24.4



#26
2-Nitrophenol
Concen: 41.085 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion: 139 Resp: 40359
Ion Ratio Lower Upper
139 100
109 34.7 27.3 40.9
65 49.6 40.6 61.0

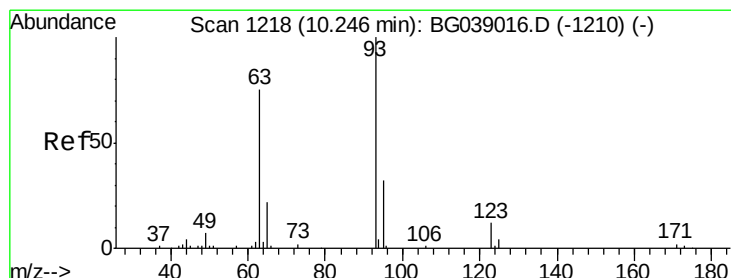
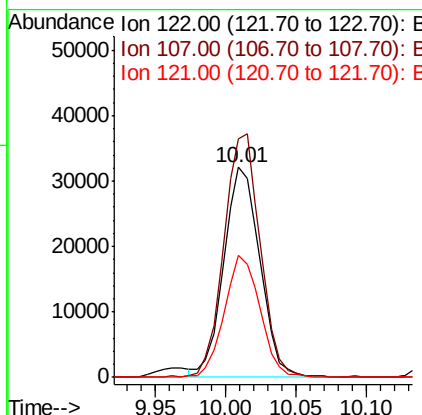
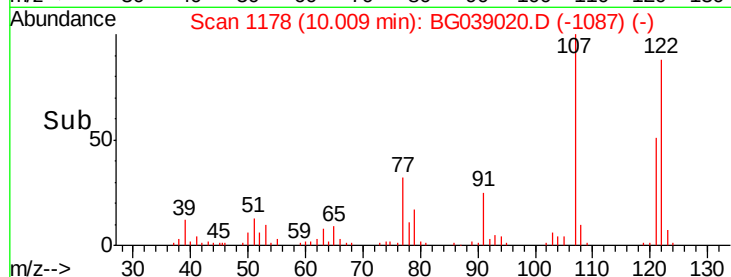
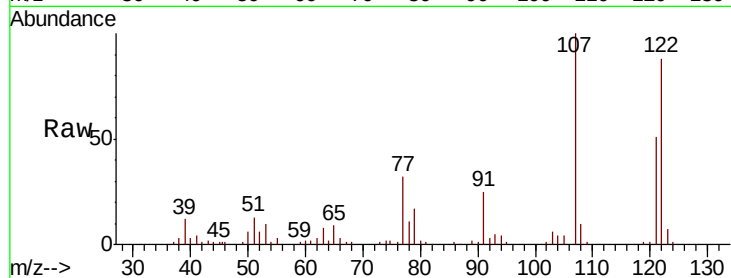




#27
 2,4-Dimethylphenol
 Concen: 41.487 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

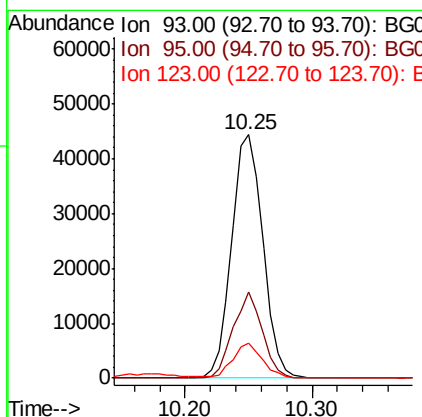
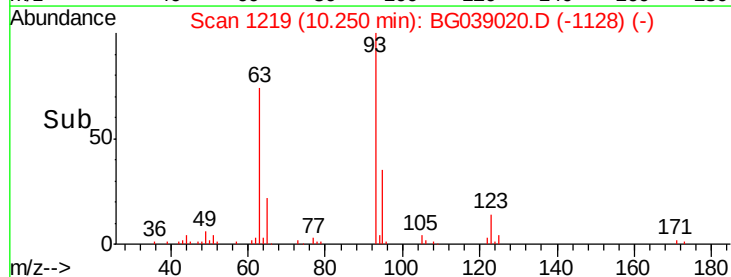
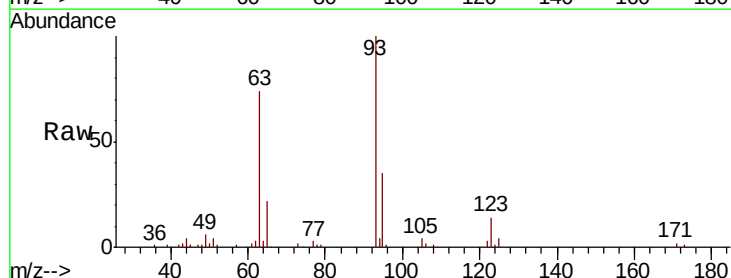
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

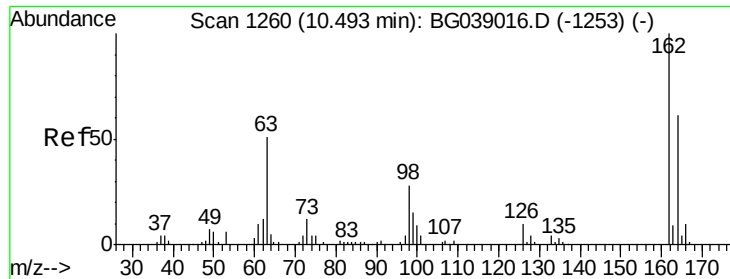
Tot Ion:122 Resp: 57336
 Ion Ratio Lower Upper
 122 100
 107 113.7 88.8 133.2
 121 58.1 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.753 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion: 93 Resp: 75806
 Ion Ratio Lower Upper
 93 100
 95 35.4 25.6 38.4
 123 14.2 10.1 15.1

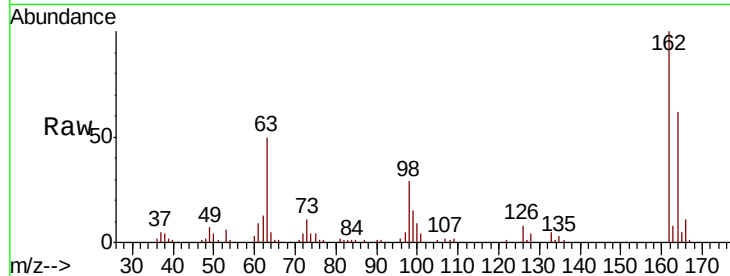




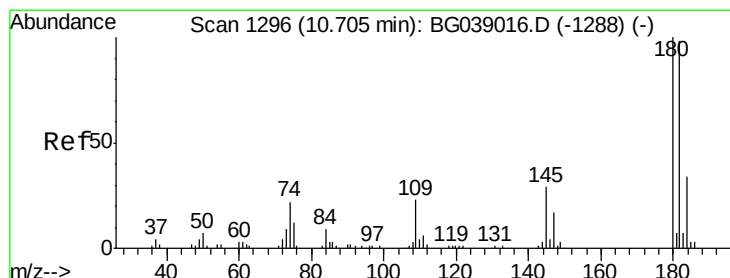
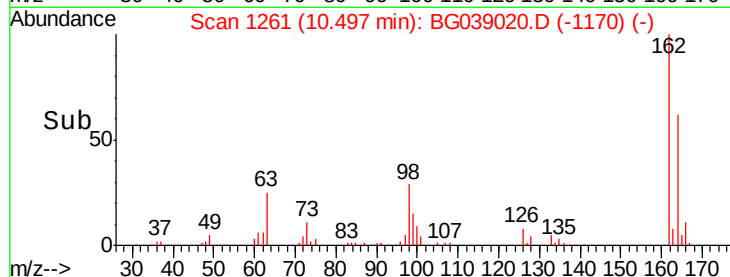
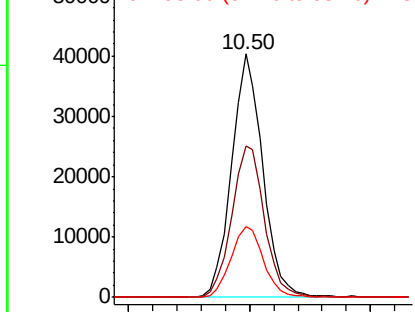
#29
 2,4-Dichlorophenol
 Concen: 42.081 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

Tot Ion:162 Resp: 72250
 Ion Ratio Lower Upper
 162 100
 164 62.3 41.3 81.3
 98 29.0 8.3 48.3

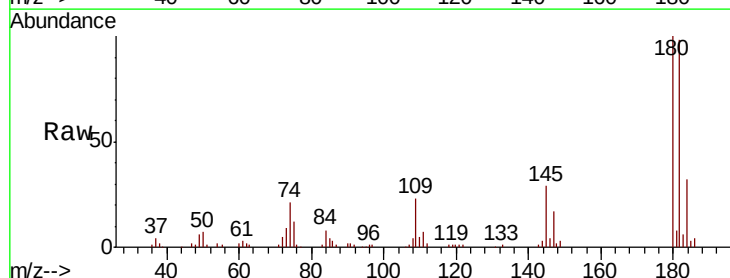


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

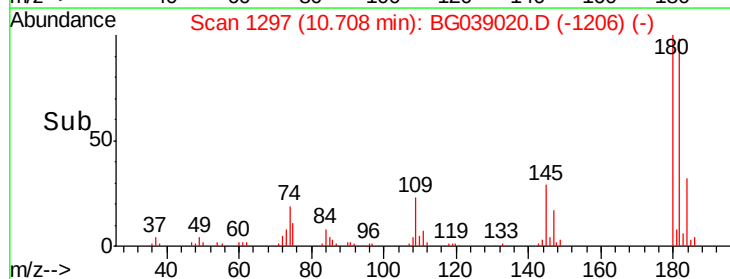
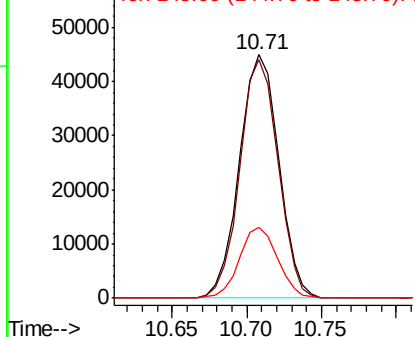


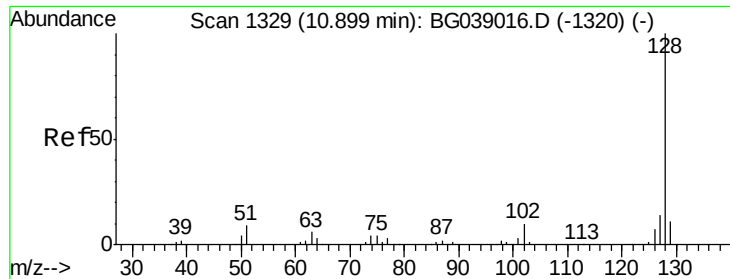
#30
 1,2,4-Trichlorobenzene
 Concen: 39.863 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion:180 Resp: 82236
 Ion Ratio Lower Upper
 180 100
 182 97.8 78.1 117.1
 145 29.2 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

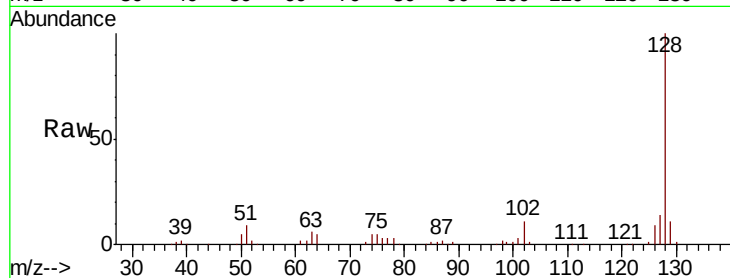




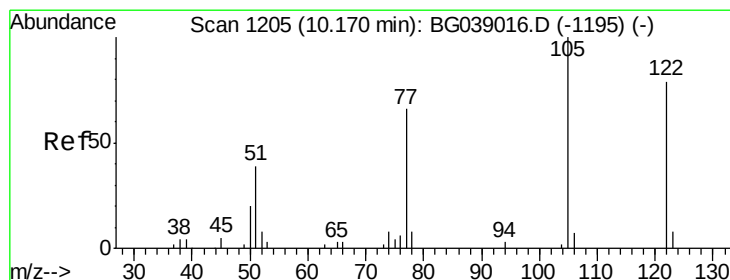
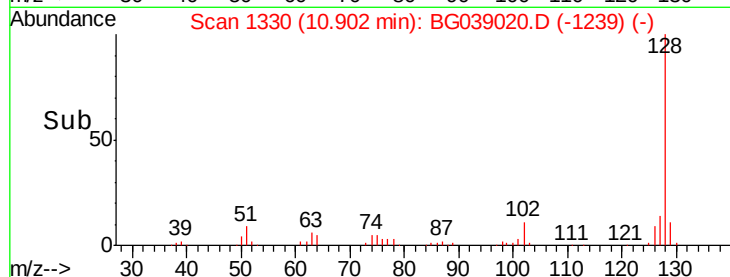
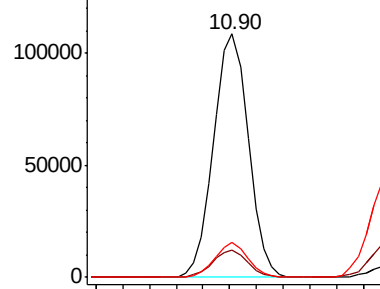
#31
Naphthalene
Concen: 39.797 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Instrument :
BNA_G
ClientSampleId :
ICVBG010919

Tot Ion:128 Resp: 196242
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 14.2 11.2 16.8

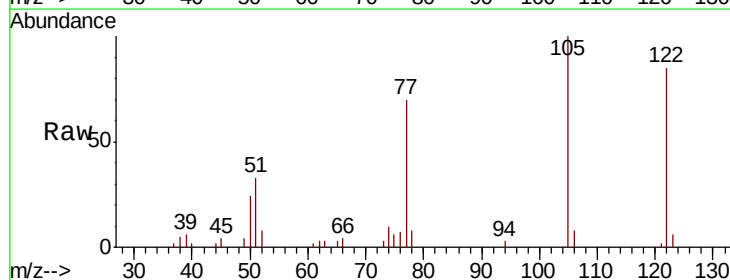


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

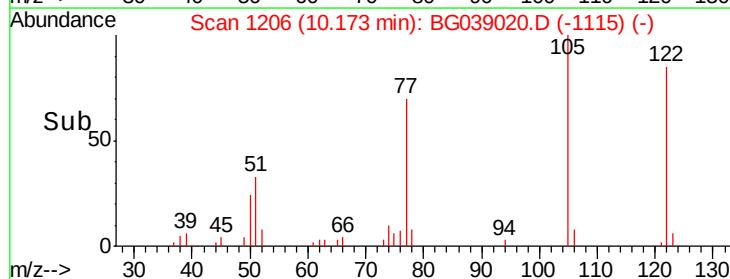
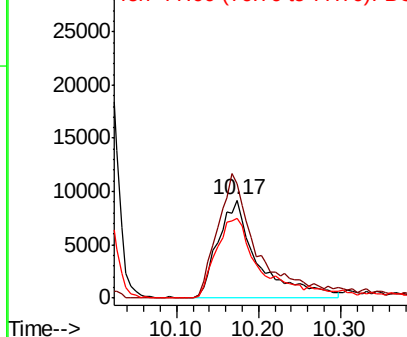


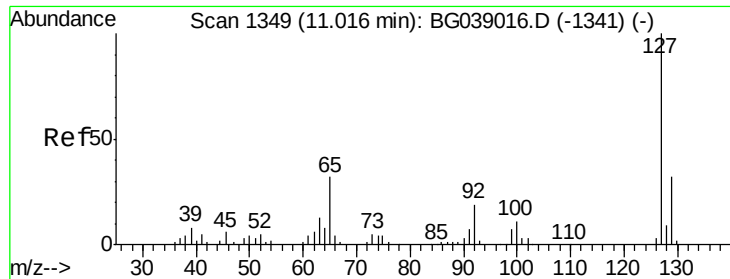
#32
Benzoic acid
Concen: 38.992 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:122 Resp: 31267
Ion Ratio Lower Upper
122 100
105 117.0 106.4 146.4
77 81.5 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

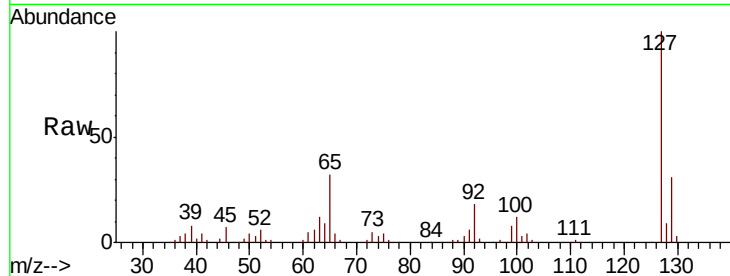




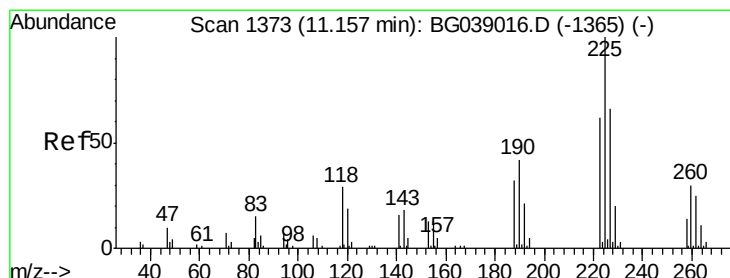
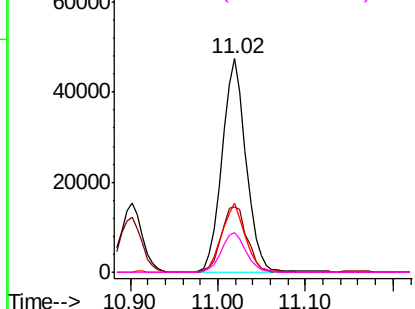
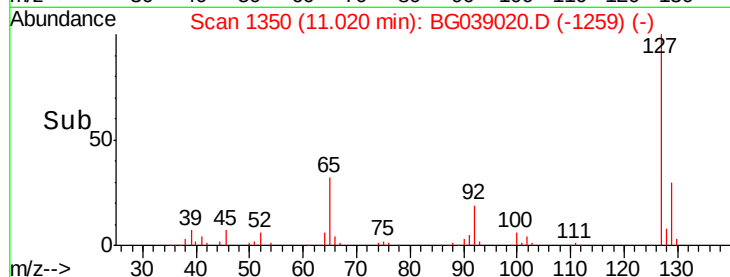
#33
4-Chloroaniline
Concen: 40.429 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Instrument :
BNA_G
ClientSampleId :
ICVBG010919

Tot Ion:	127	Resp:	89205
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.4	38.0
65	32.2	25.4	38.0
92	18.4	15.2	22.8

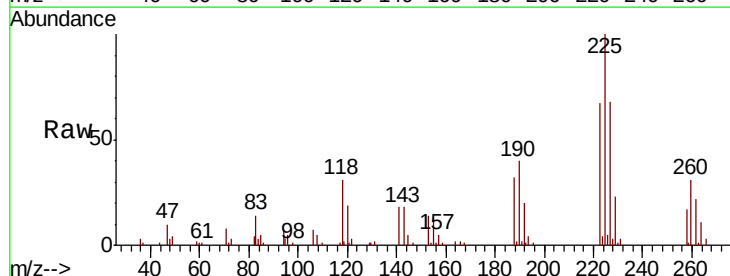


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

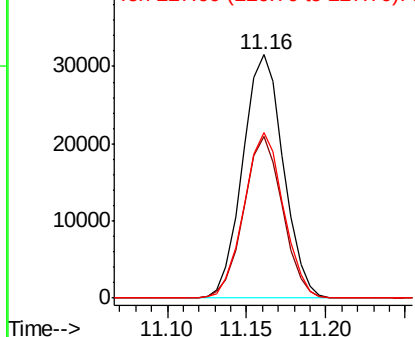
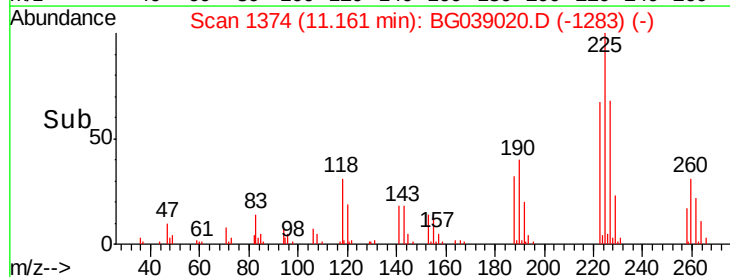


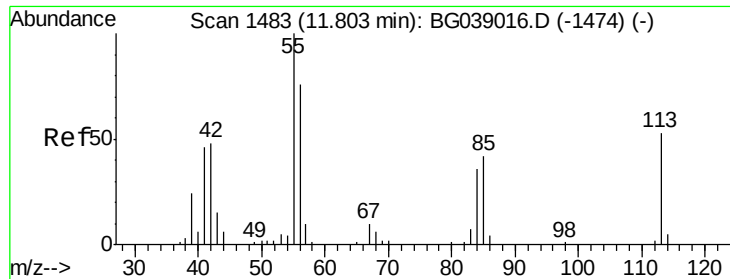
#34
Hexachlorobutadiene
Concen: 39.558 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:	225	Resp:	56151
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.4
227	67.1	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

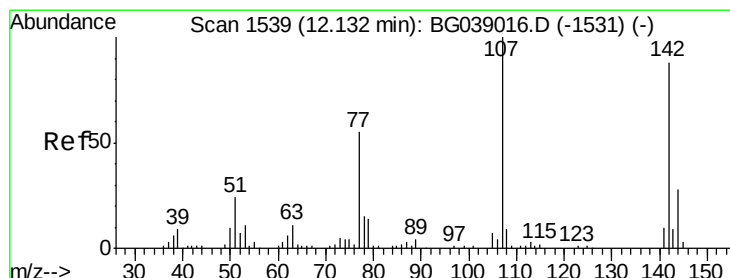
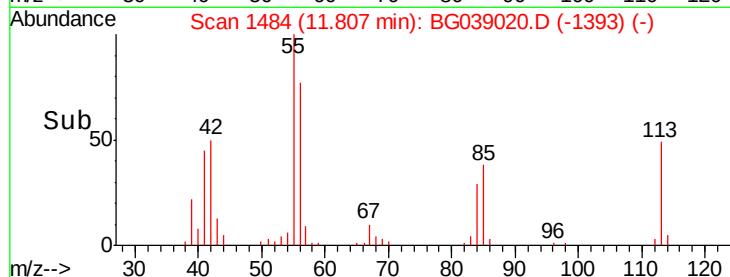
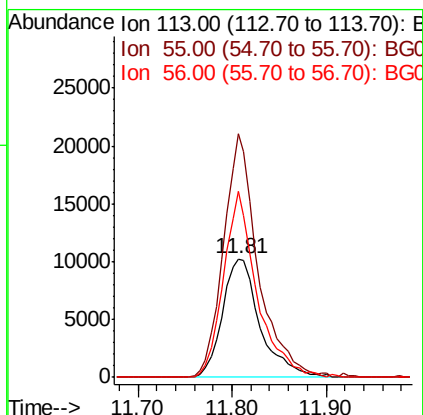
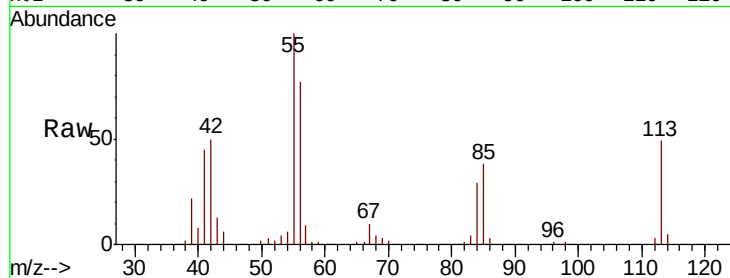




#35
 Caprolactam
 Concen: 41.243 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

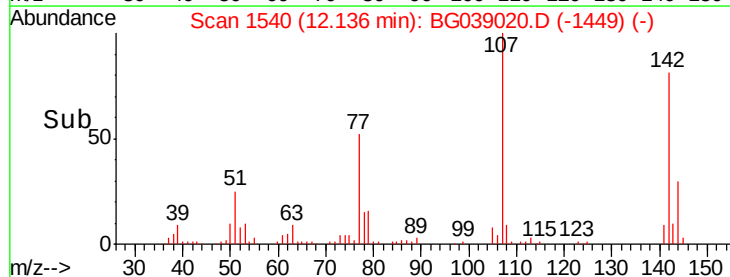
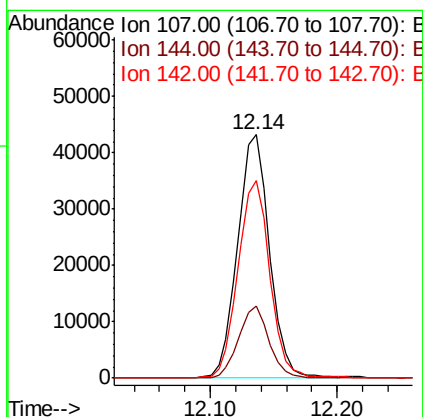
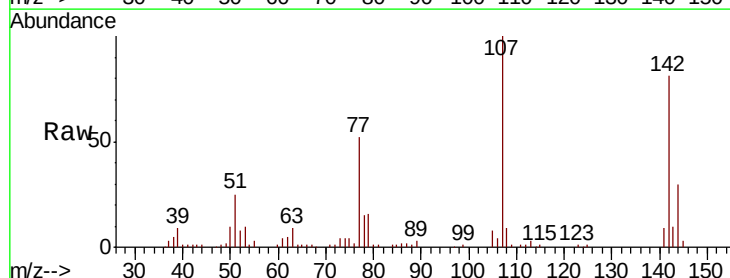
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

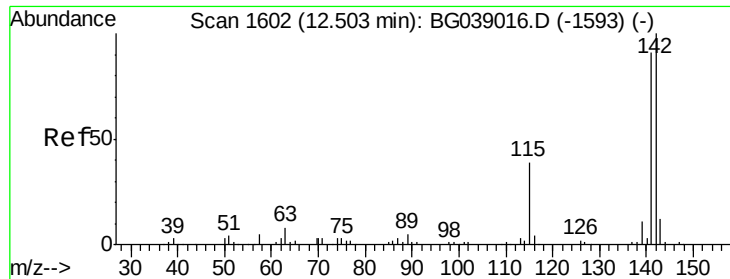
Tot Ion:113 Resp: 28395
 Ion Ratio Lower Upper
 113 100
 55 205.2 168.6 208.6
 56 157.1 123.2 163.2



#36
 4-Chloro-3-methylphenol
 Concen: 40.958 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion:107 Resp: 75214
 Ion Ratio Lower Upper
 107 100
 144 29.7 22.6 34.0
 142 81.2 70.2 105.4

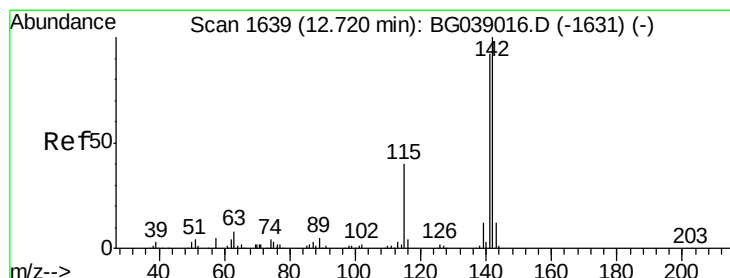
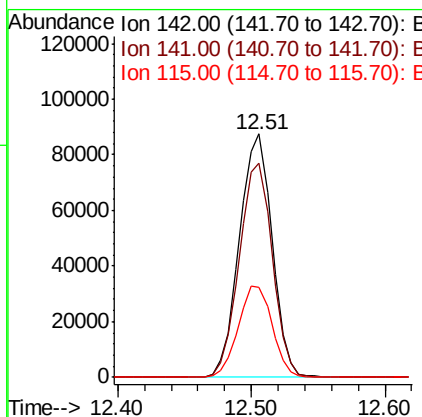
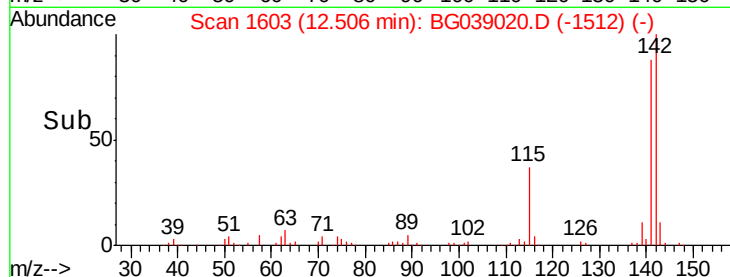
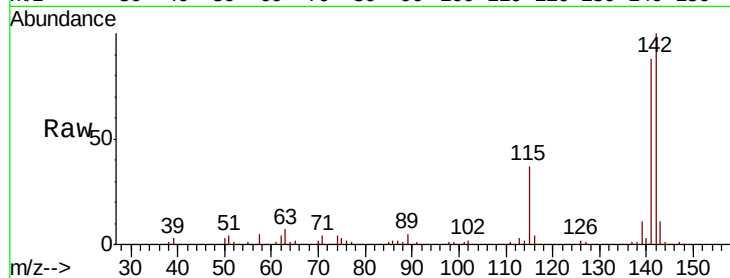




#37
2-Methylnaphthalene
Concen: 40.150 ng
RT: 12.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

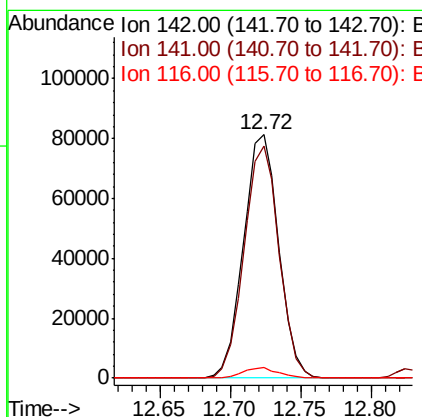
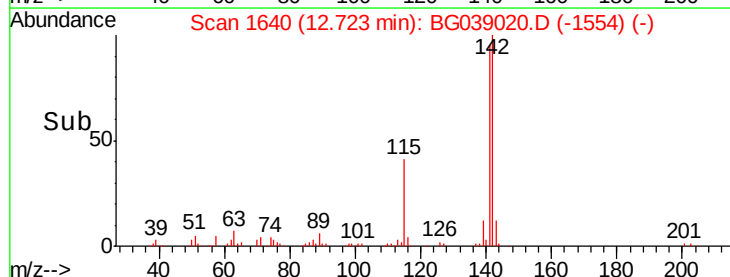
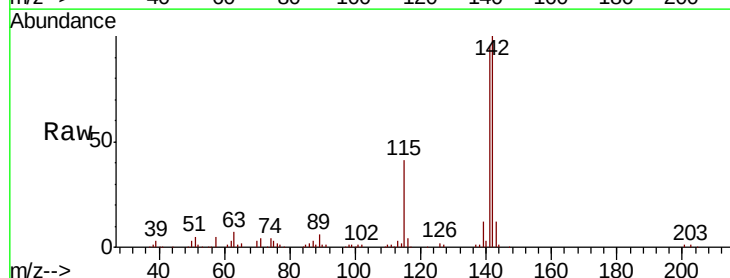
Instrument :
BNA_G
ClientSampleId :
ICVBG010919

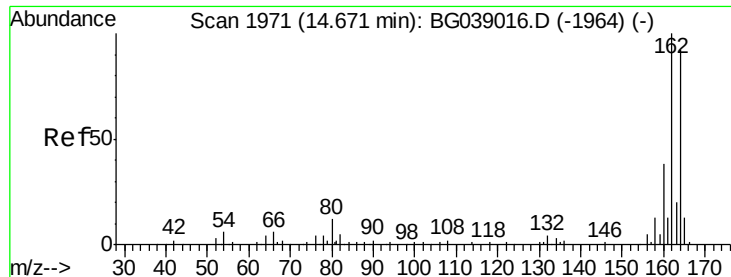
Tot Ion:142 Resp: 148438
Ion Ratio Lower Upper
142 100
141 88.1 72.6 109.0
115 37.2 31.1 46.7



#38
1-Methylnaphthalene
Concen: 40.017 ng
RT: 12.72 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:142 Resp: 142003
Ion Ratio Lower Upper
142 100
141 95.2 73.3 109.9
116 4.2 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

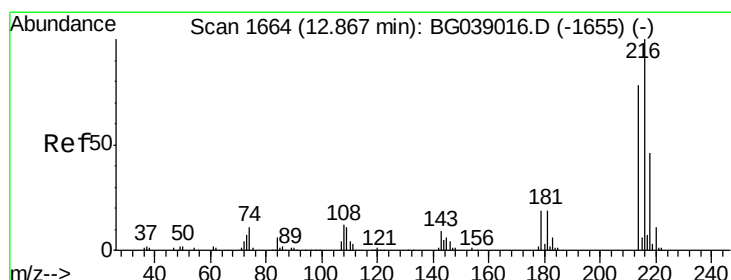
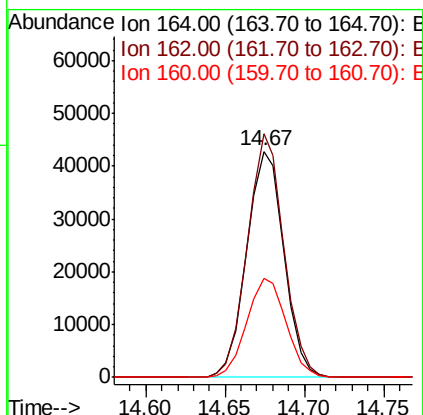
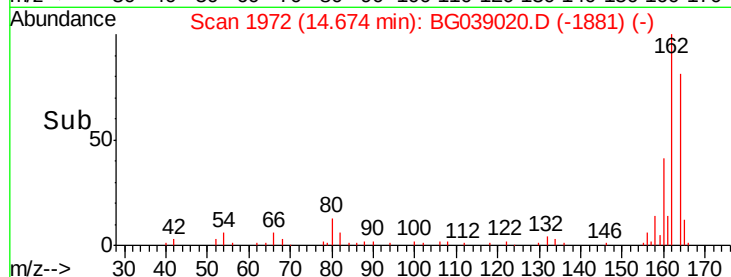
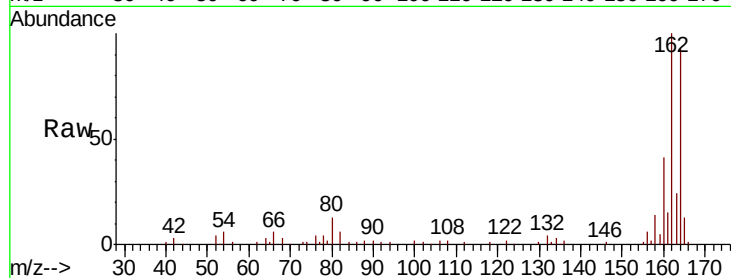
Tot Ion:164 Resp: 69916

Ion Ratio Lower Upper

164 100

162 107.6 87.2 130.8

160 43.7 33.3 49.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.448 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Tgt Ion:216 Resp: 108833

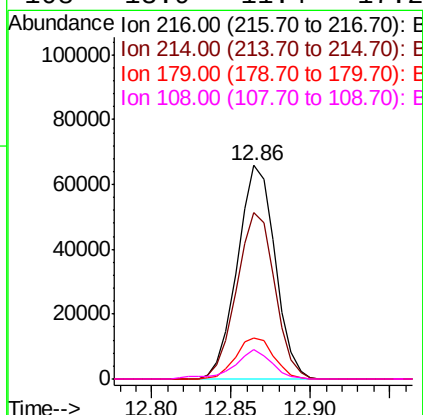
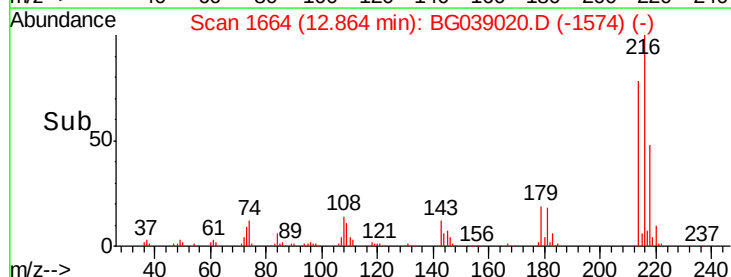
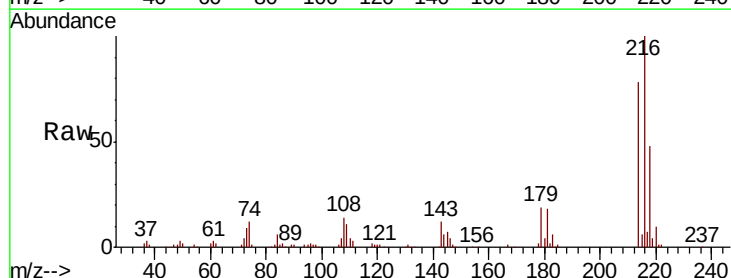
Ion Ratio Lower Upper

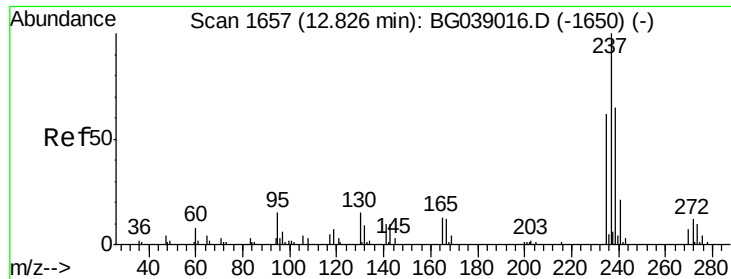
216 100

214 78.5 63.4 95.2

179 19.3 15.5 23.3

108 13.9 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 38.609 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

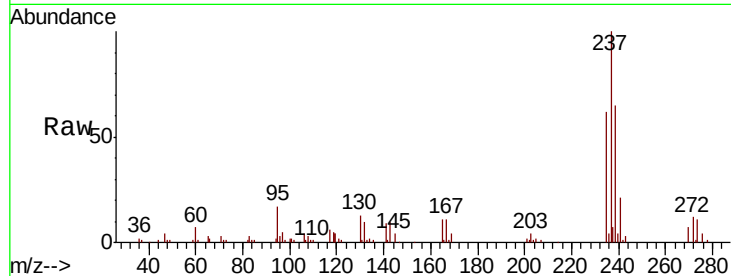
Tot Ion:237 Resp: 52370

Ion Ratio Lower Upper

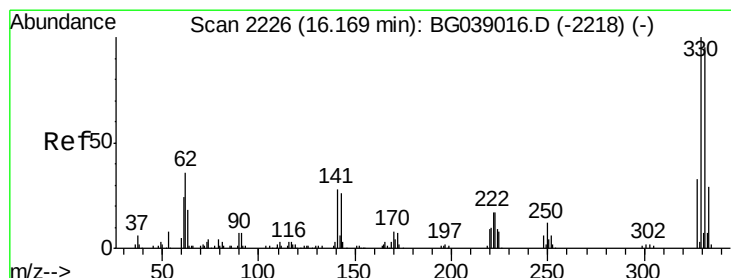
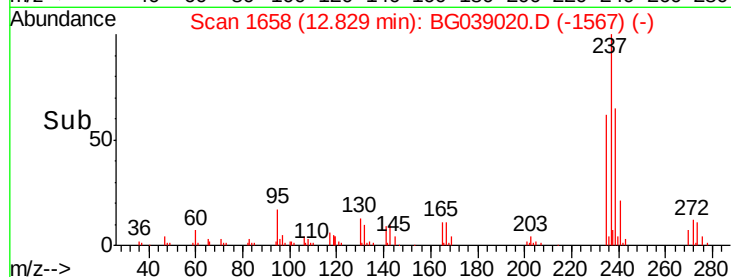
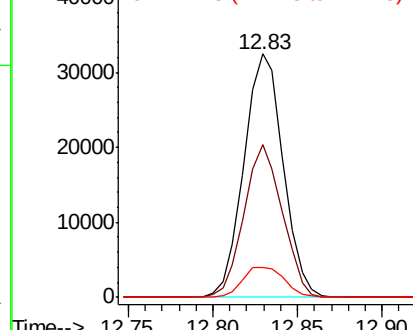
237 100

235 62.5 41.7 81.7

272 12.1 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: 80.769 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

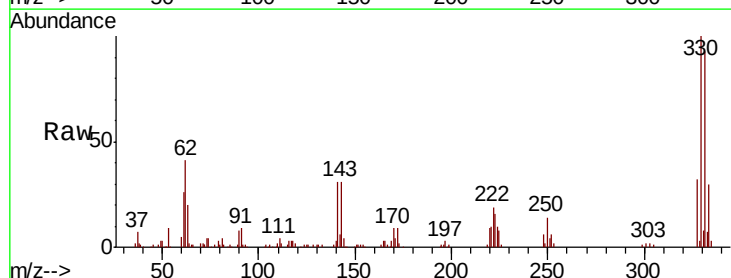
Tgt Ion:330 Resp: 94660

Ion Ratio Lower Upper

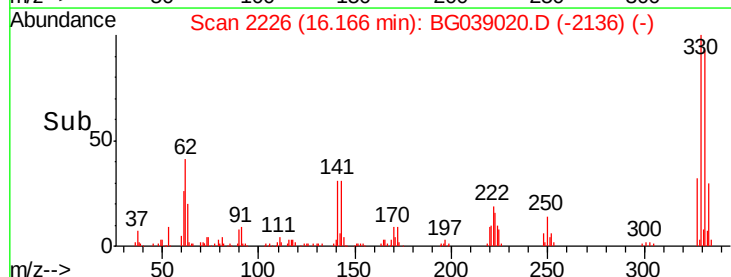
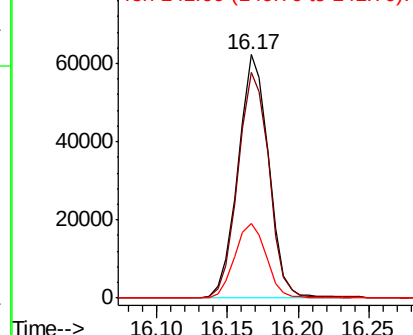
330 100

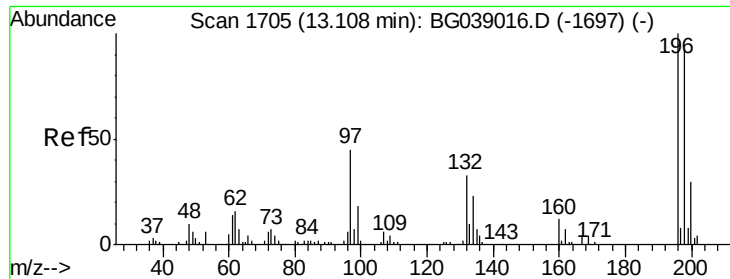
332 94.2 75.7 113.5

141 31.5 24.9 37.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

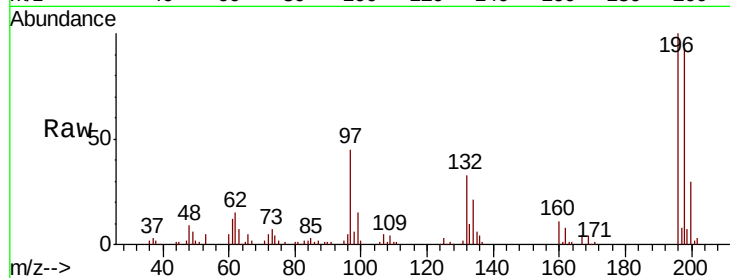




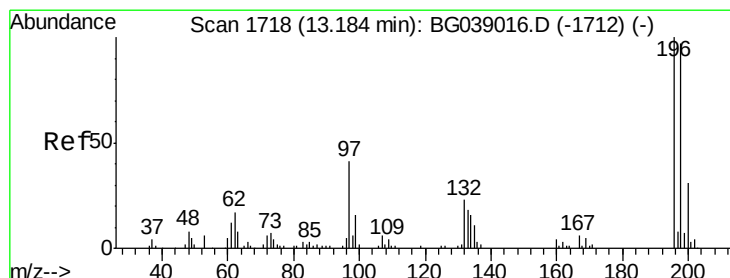
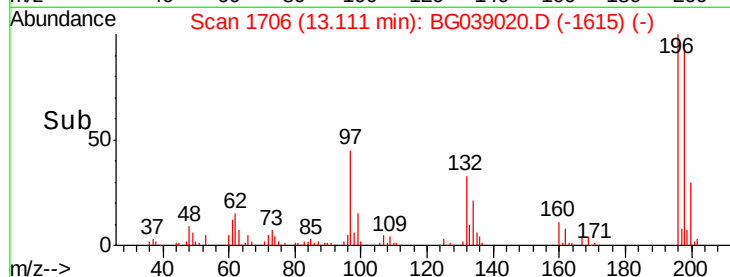
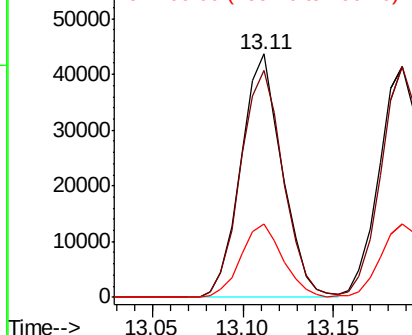
#43
 2,4,6-Trichlorophenol
 Concen: 41.864 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

Tot Ion:196 Resp: 69184
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.5 111.7
 200 30.2 23.8 35.6



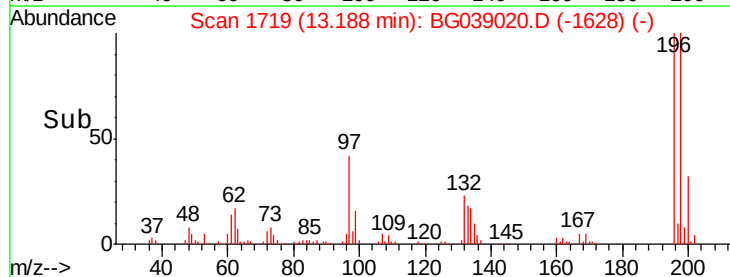
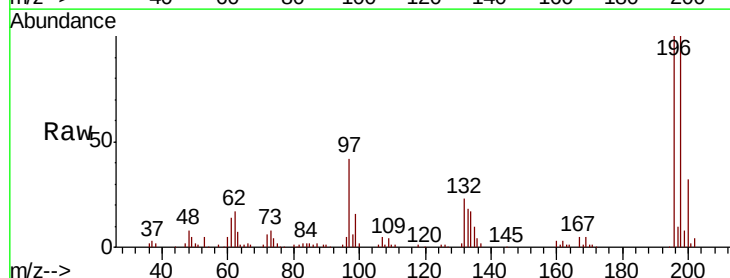
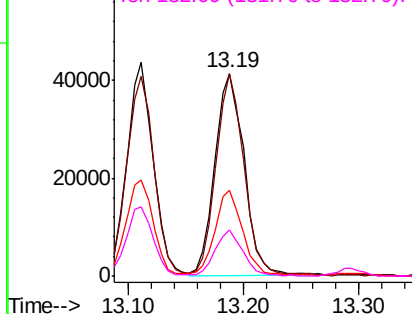
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

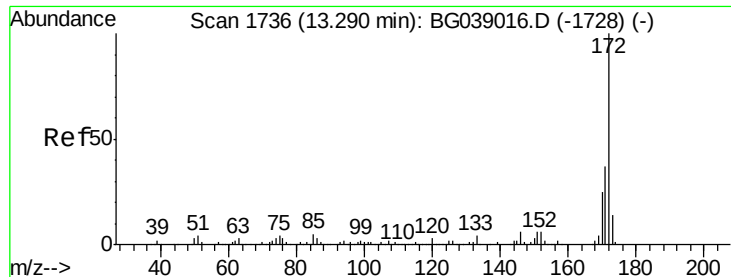


#44
 2,4,5-Trichlorophenol
 Concen: 41.610 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion:196 Resp: 72678
 Ion Ratio Lower Upper
 196 100
 198 99.9 78.1 117.1
 97 42.1 33.2 49.8
 132 22.8 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

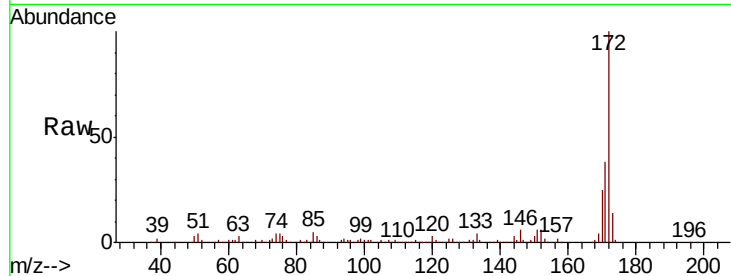




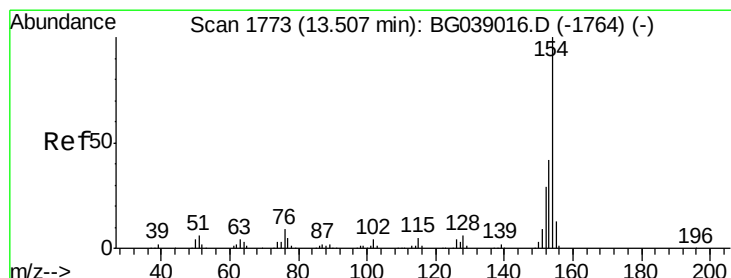
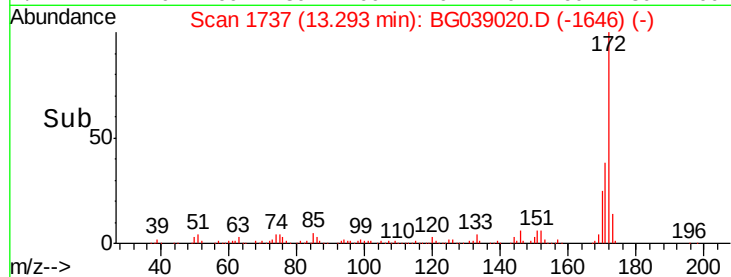
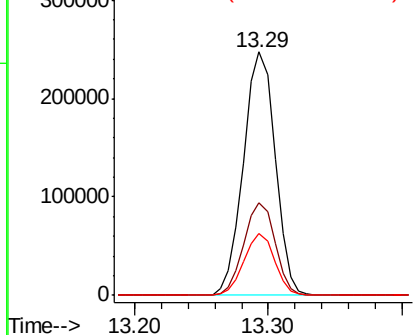
#45
2-Fluorobiphenyl
Concen: 79.474 ng
RT: 13.29 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Instrument :
BNA_G
ClientSampleId :
ICVBG010919

Tot Ion:172 Resp: 406012
Ion Ratio Lower Upper
172 100
171 37.9 29.4 44.0
170 25.5 20.1 30.1

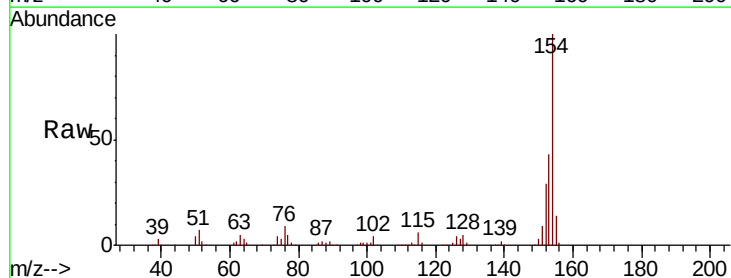


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

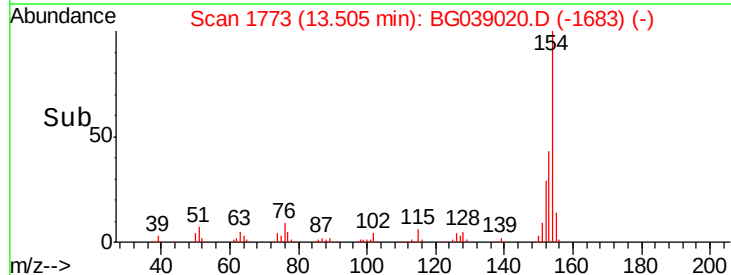
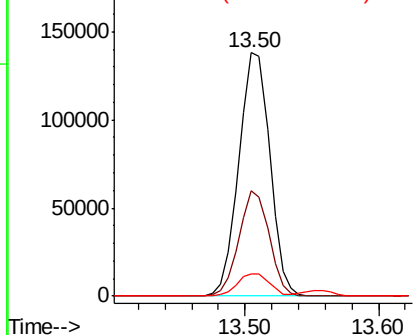


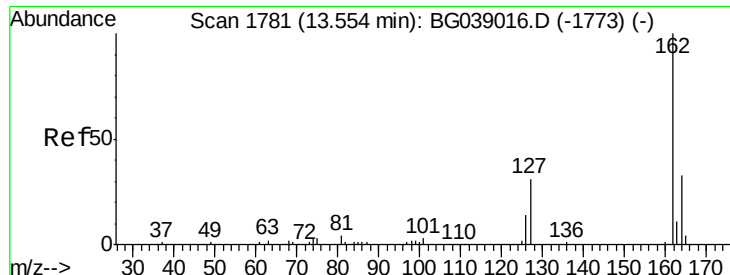
#46
1,1'-Biphenyl
Concen: 40.126 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:154 Resp: 222295
Ion Ratio Lower Upper
154 100
153 43.0 22.4 62.4
76 9.4 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

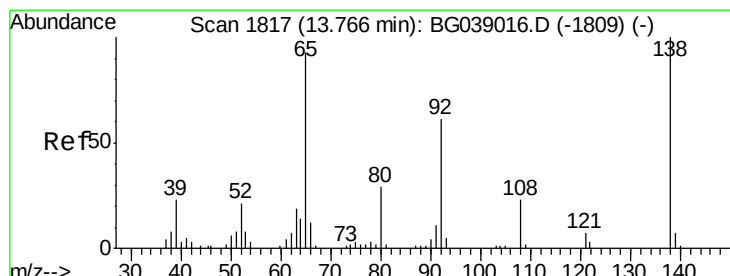
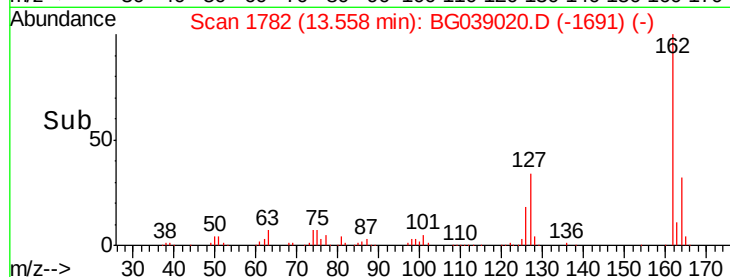
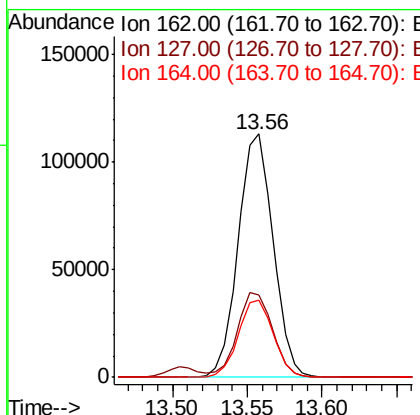
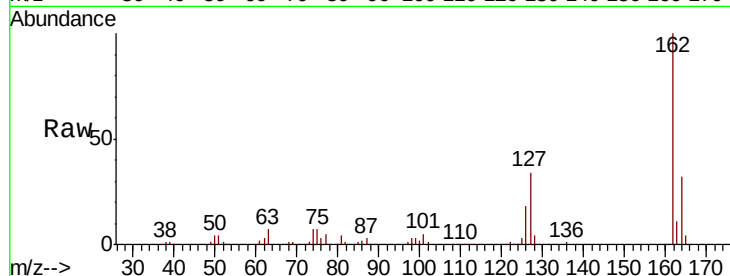




#47
 2-Chloronaphthalene
 Concen: 40.977 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

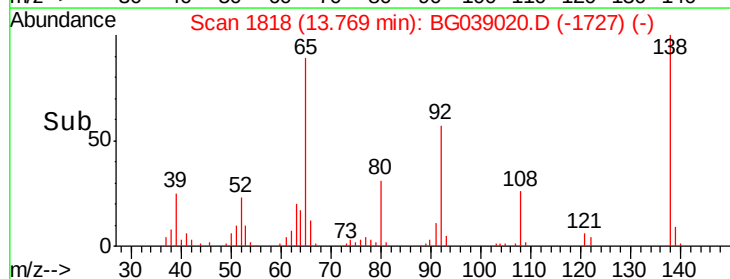
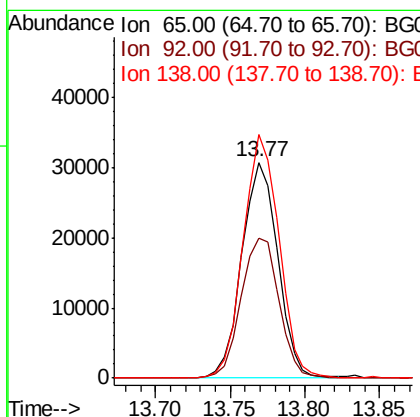
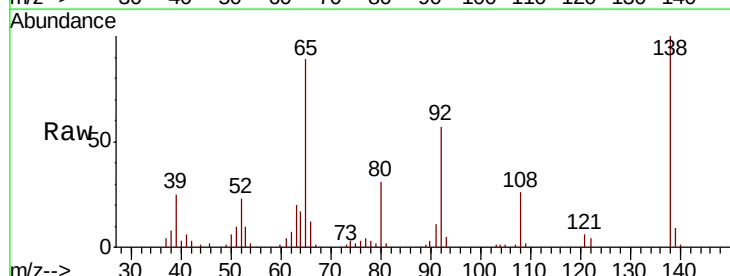
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

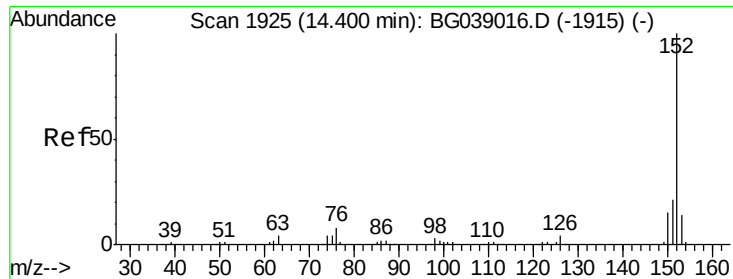
Tot Ion:162 Resp: 183703
 Ion Ratio Lower Upper
 162 100
 127 34.0 28.4 42.6
 164 31.5 26.3 39.5



#48
 2-Nitroaniline
 Concen: 40.767 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion: 65 Resp: 51202
 Ion Ratio Lower Upper
 65 100
 92 64.8 52.2 78.4
 138 113.0 86.0 129.0





#49

Acenaphthylene

Concen: 40.038 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

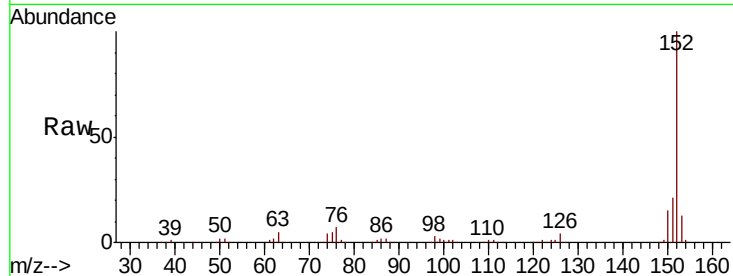
Tot Ion:152 Resp: 269792

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.4

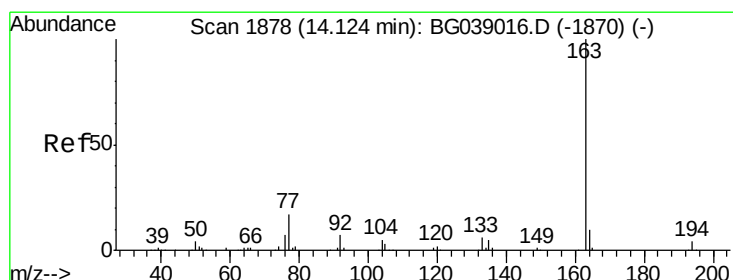
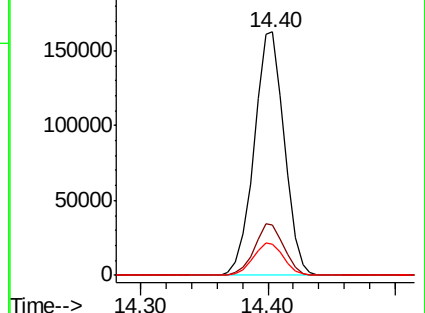
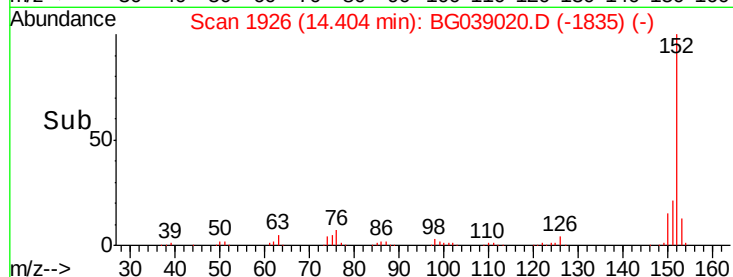
153 13.0 11.2 16.8



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: 39.839 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

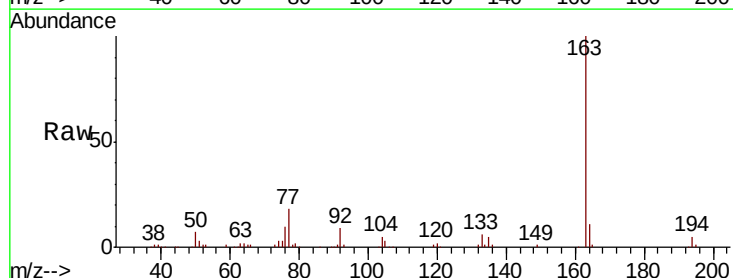
Tgt Ion:163 Resp: 235376

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

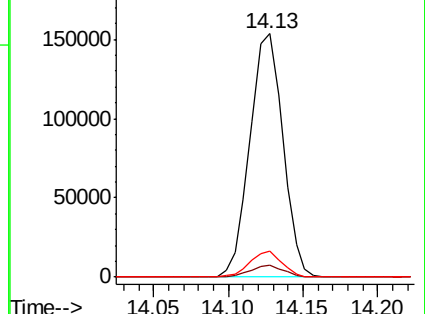
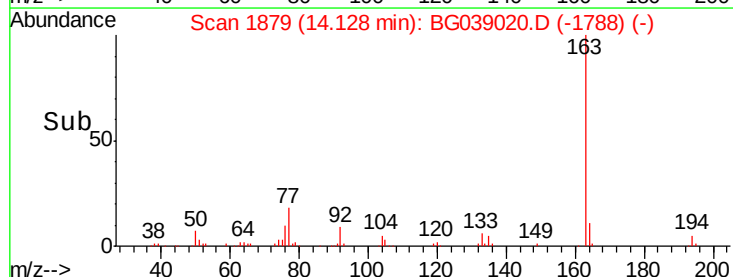
164 10.7 8.2 12.2

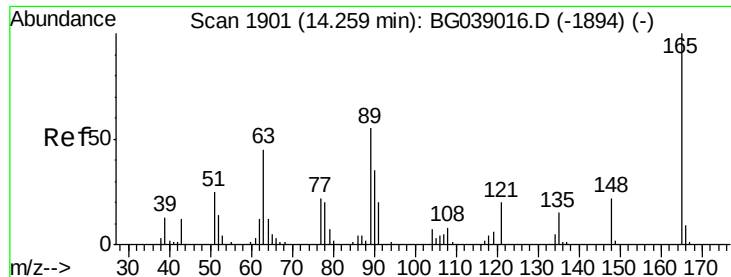


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.566 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

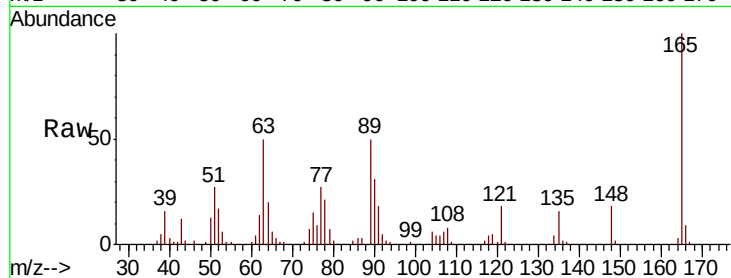
Tot Ion:165 Resp: 53584

Ion Ratio Lower Upper

165 100

63 50.5 43.6 65.4

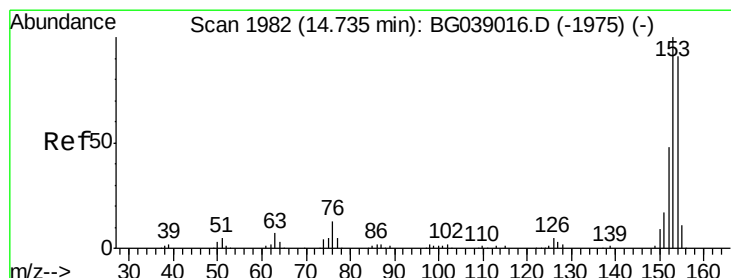
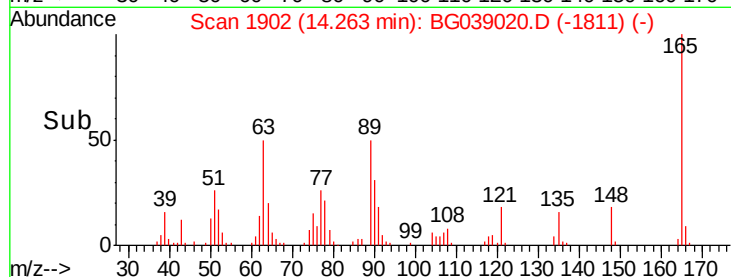
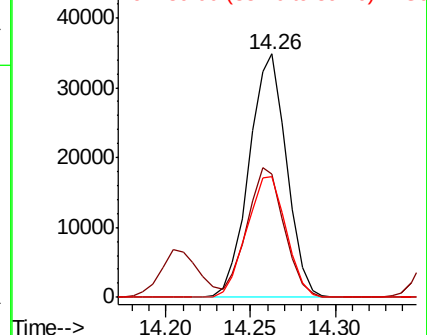
89 49.6 43.7 65.5



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: 39.985 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

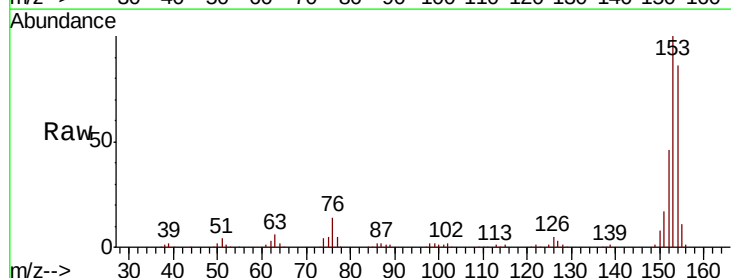
Tgt Ion:154 Resp: 161882

Ion Ratio Lower Upper

154 100

153 116.0 87.9 131.9

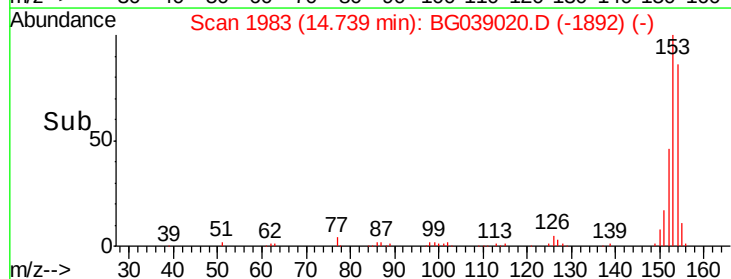
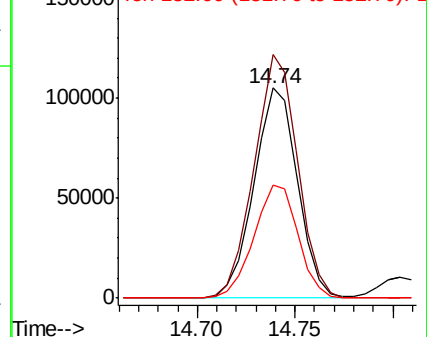
152 53.7 42.2 63.2

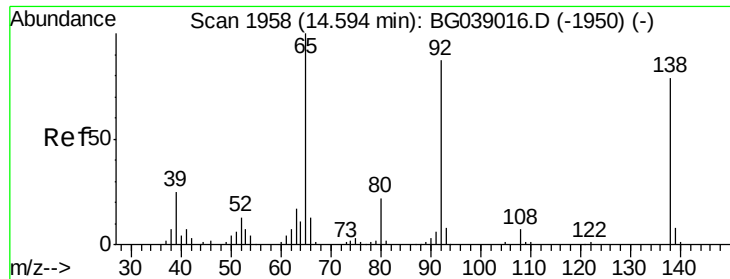


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.711 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

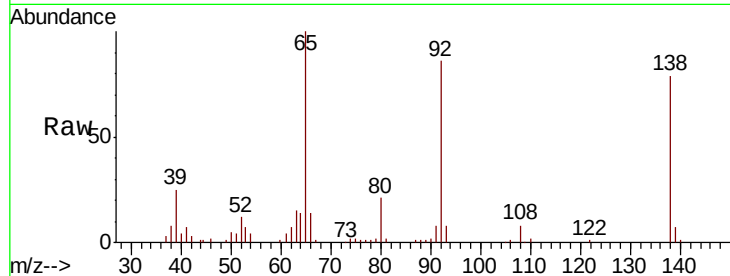
Tot Ion:138 Resp: 53213

Ion Ratio Lower Upper

138 100

108 10.7 7.4 11.0

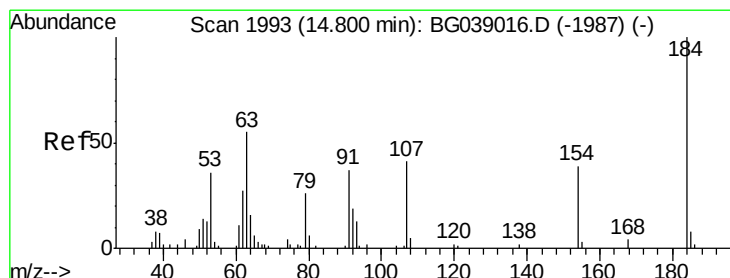
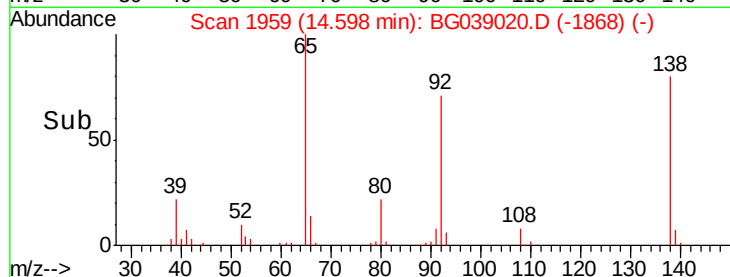
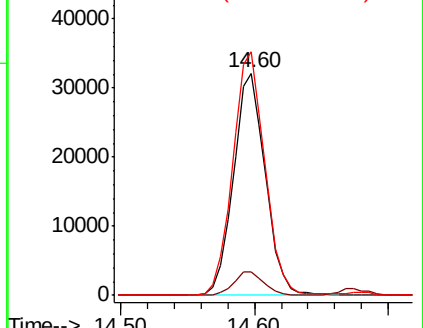
92 109.6 88.2 132.4



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: 40.039 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

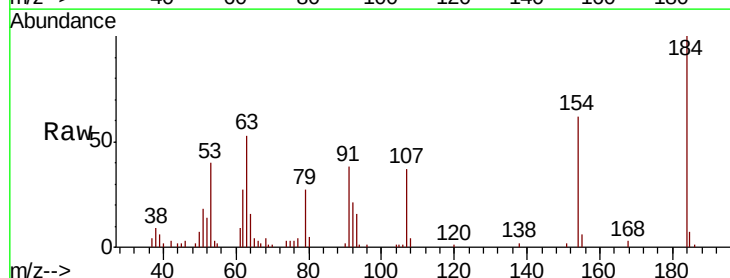
Tgt Ion:184 Resp: 29342

Ion Ratio Lower Upper

184 100

63 53.0 44.0 66.0

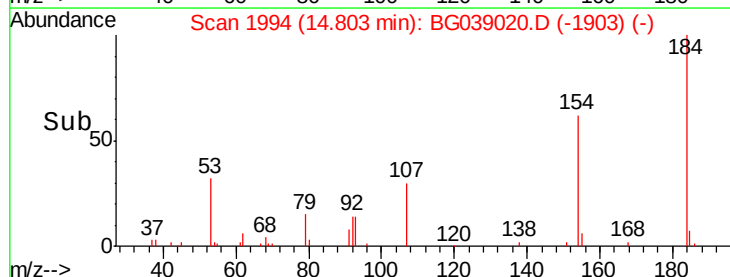
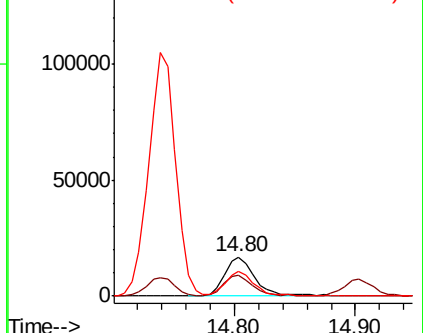
154 62.3 46.1 69.1

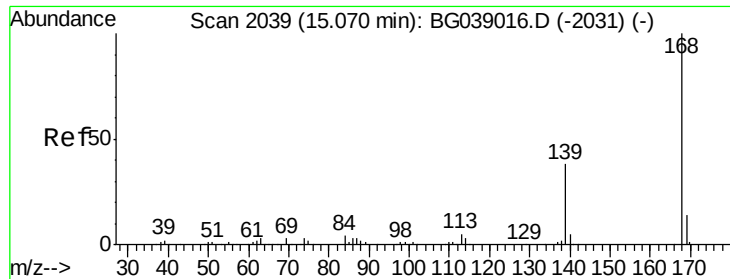


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

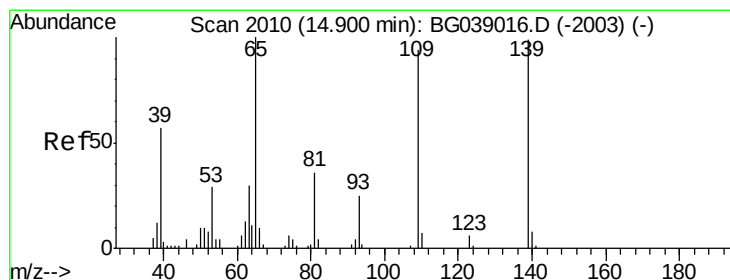
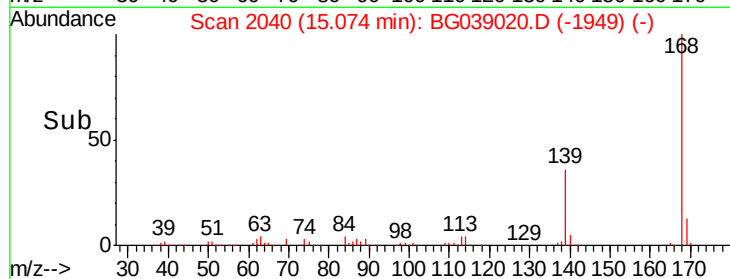
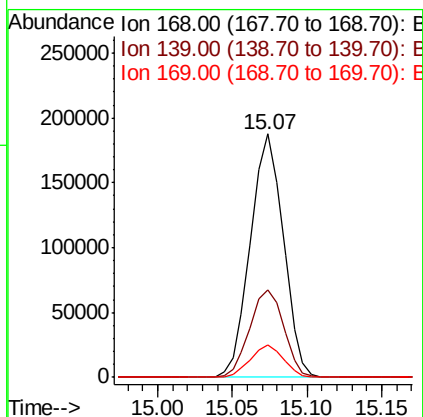
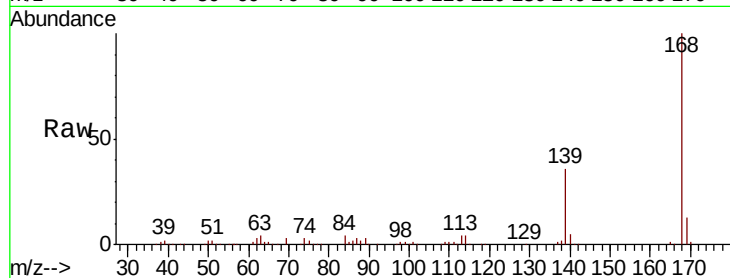




#55
Dibenzenofuran
Concen: 40.180 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

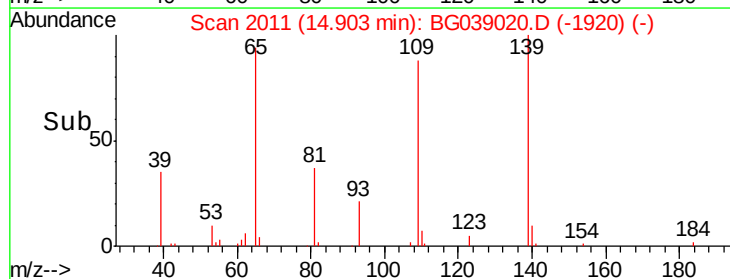
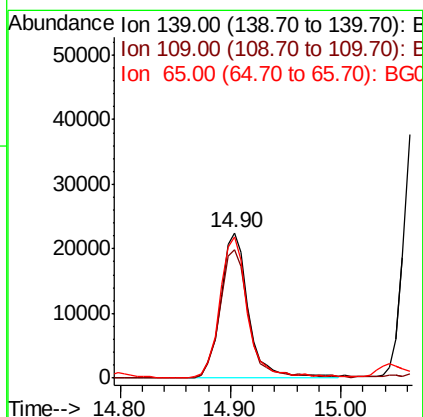
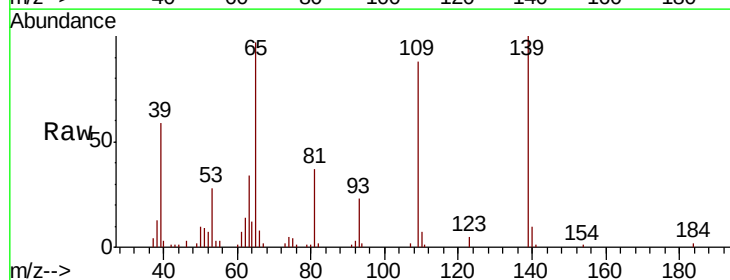
Instrument :
BNA_G
ClientSampleId :
ICVBG010919

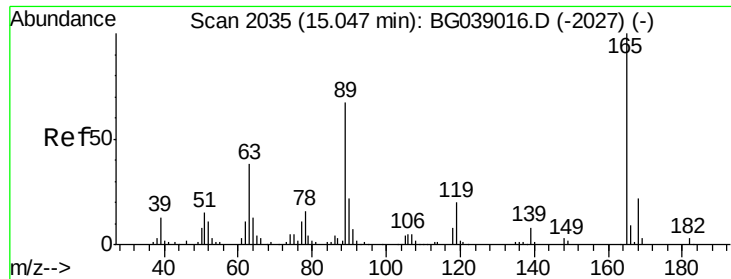
Tot Ion:168 Resp: 287298
Ion Ratio Lower Upper
168 100
139 36.0 30.1 45.1
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 40.954 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:139 Resp: 39486
Ion Ratio Lower Upper
139 100
109 88.3 75.6 115.6
65 96.8 81.2 121.2

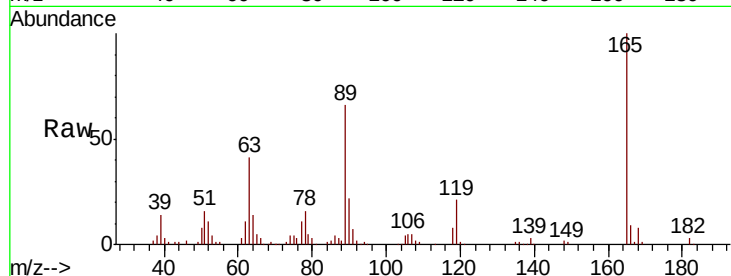




#57
 2,4-Dinitrotoluene
 Concen: 39.913 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	30.2	45.4
89	66.4	53.2	79.8
182	3.3	2.7	4.1

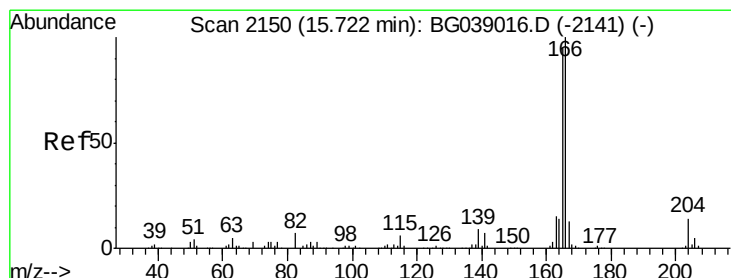
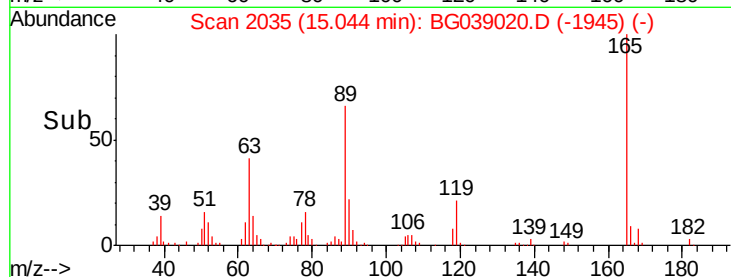
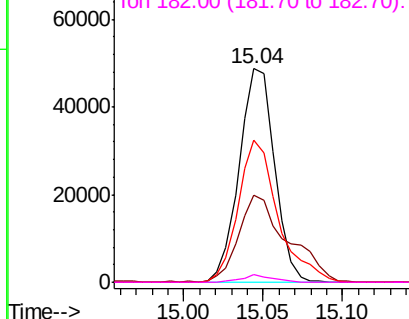


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

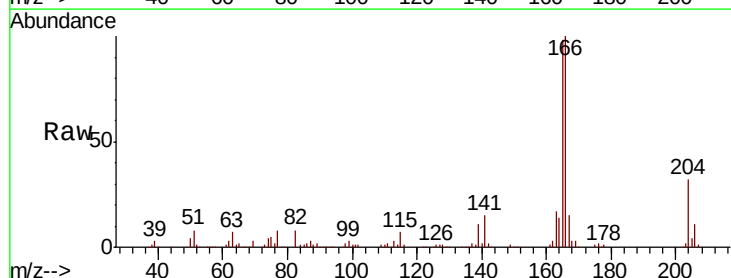
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.795 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

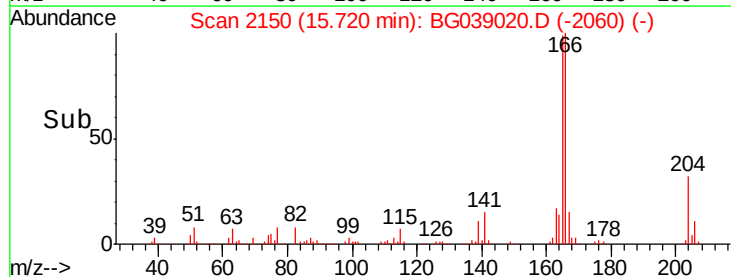
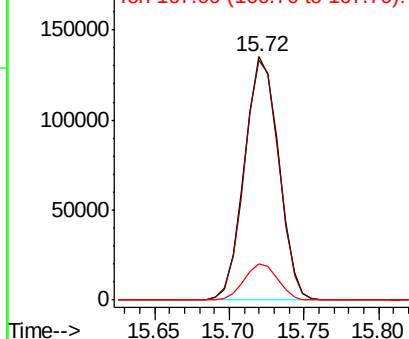
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.2	114.2
167	14.9	10.6	16.0

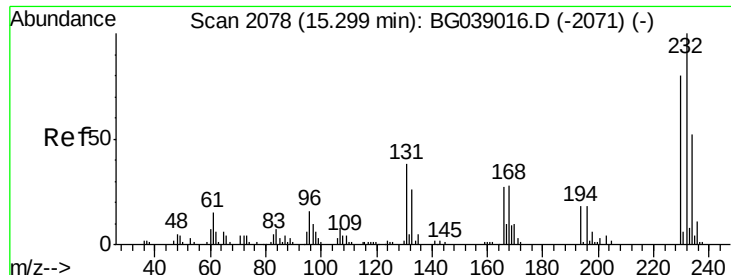


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

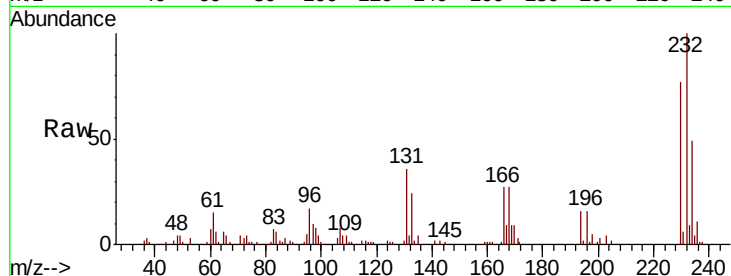




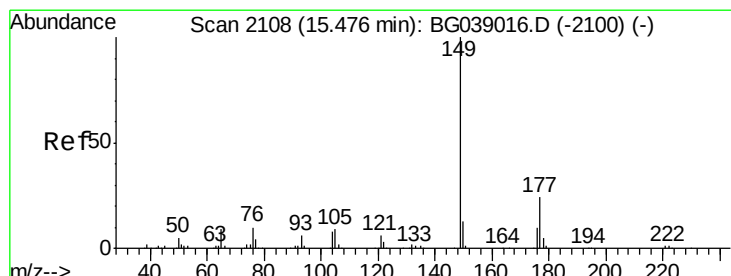
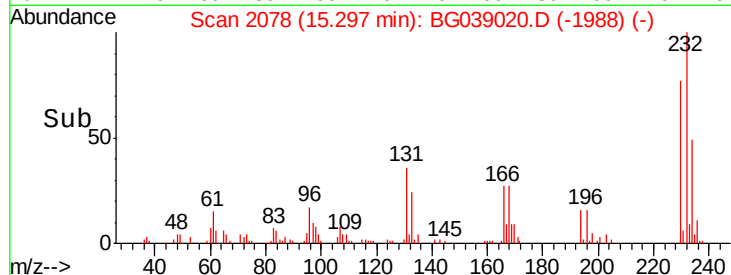
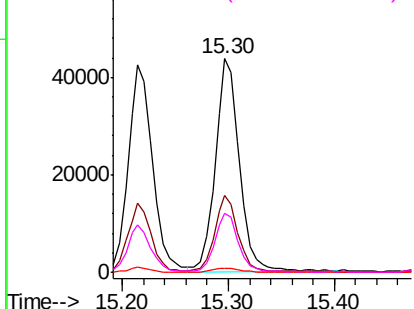
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.761 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Instrument :
BNA_G
ClientSampleId :
ICVBG010919

Tot Ion:232 Resp: 68855
Ion Ratio Lower Upper
232 100
131 34.6 30.9 46.3
130 2.1 1.9 2.9
166 27.5 22.1 33.1

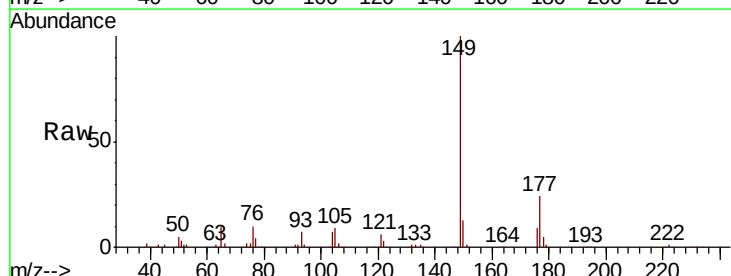


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

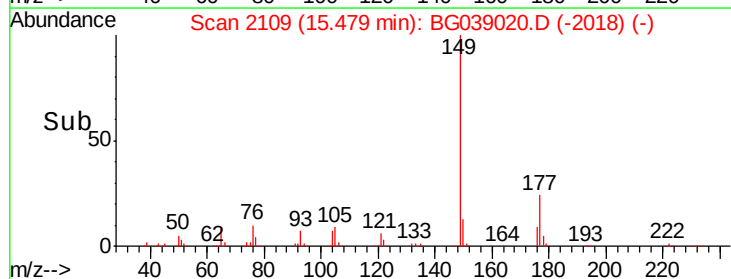
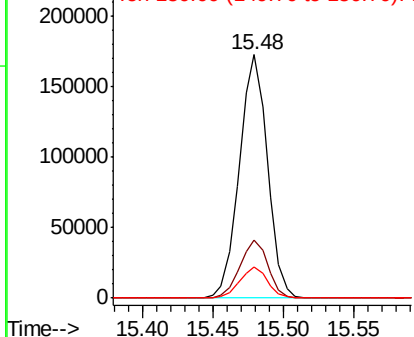


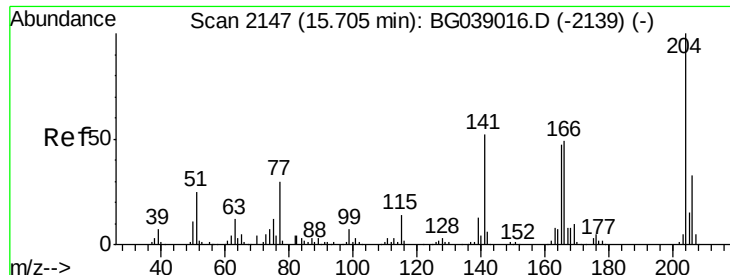
#60
Diethylphthalate
Concen: 39.375 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:149 Resp: 239688
Ion Ratio Lower Upper
149 100
177 24.1 19.0 28.6
150 13.0 10.2 15.4



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

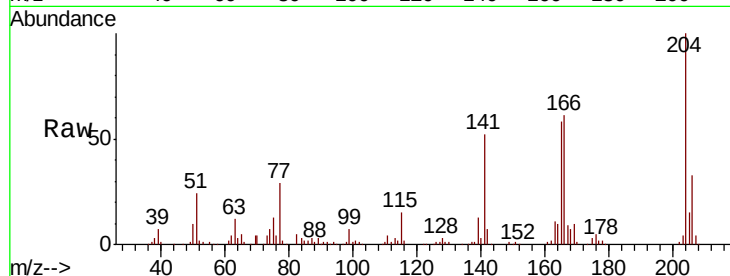




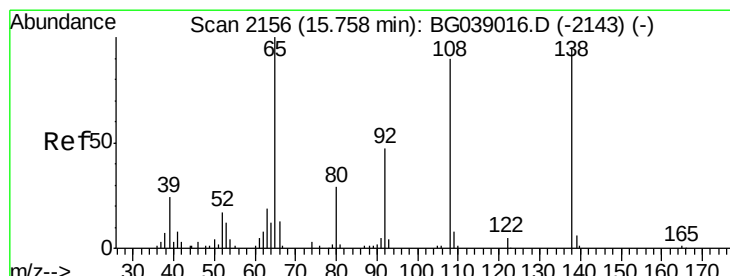
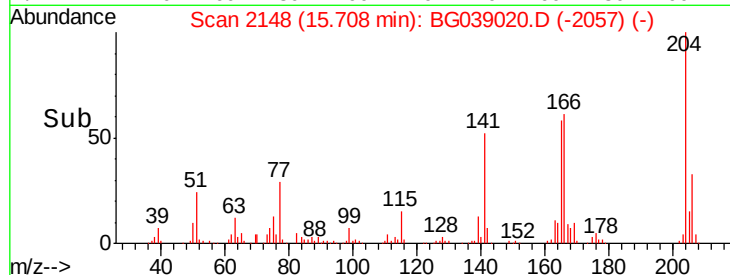
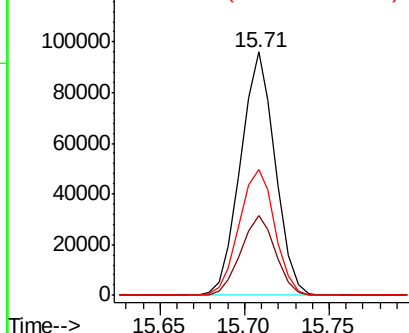
#61
4-Chlorophenyl-phenylether
Concen: 40.242 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Instrument :
BNA_G
ClientSampleId :
ICVBG010919

Tot Ion:204 Resp: 136454
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 51.8 41.4 62.0

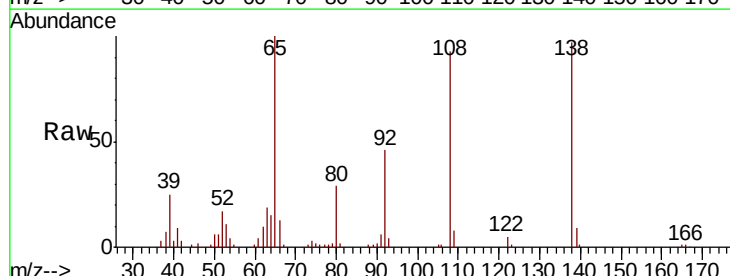


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

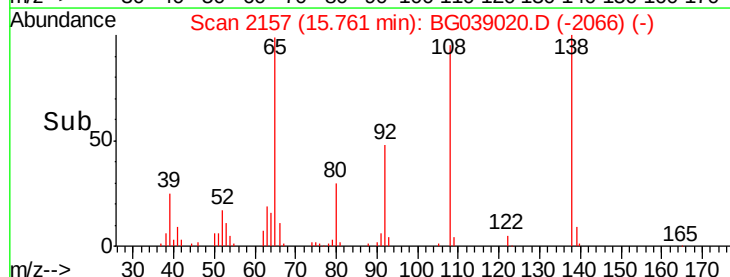
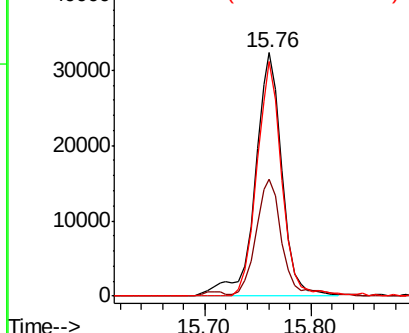


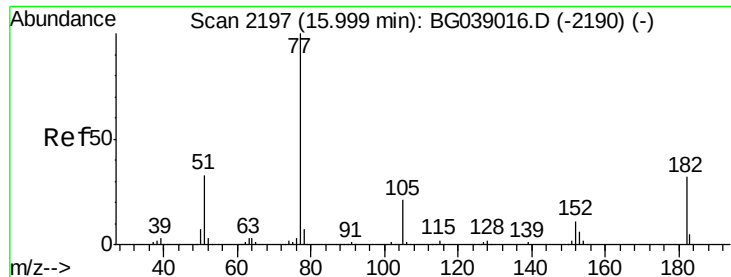
#62
4-Nitroaniline
Concen: 40.928 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:138 Resp: 57132
Ion Ratio Lower Upper
138 100
92 47.8 29.7 69.7
108 96.6 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

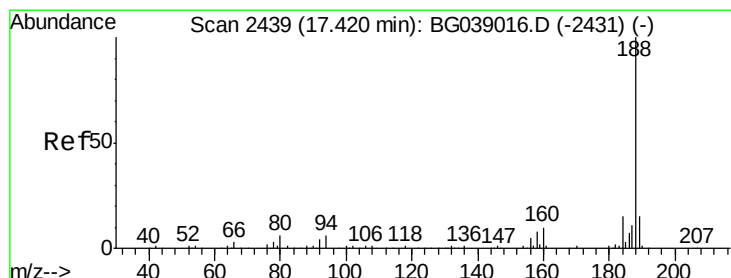
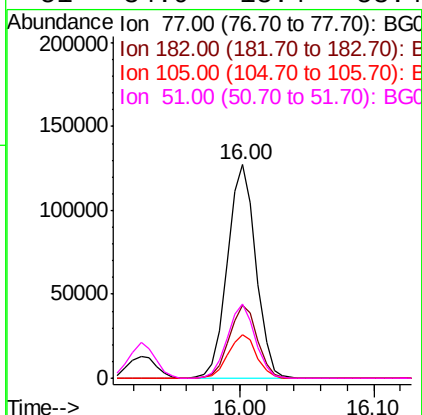
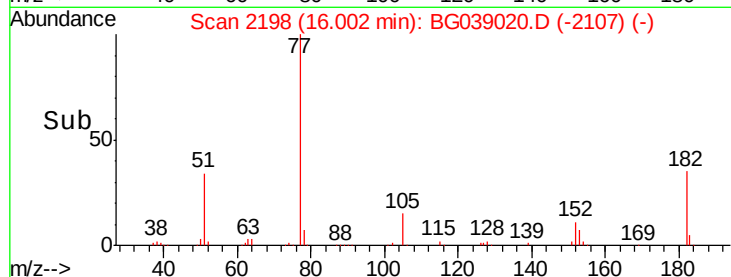
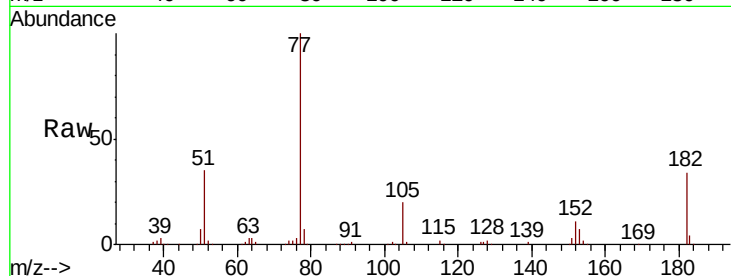




#63
Azobenzene
Concen: 39.765 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

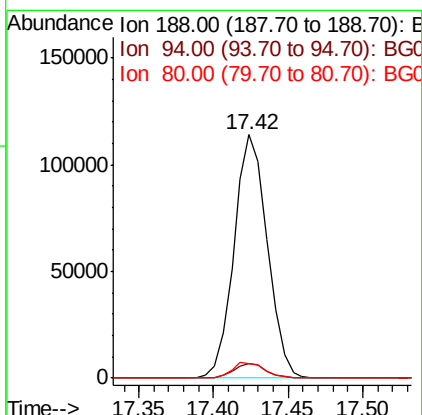
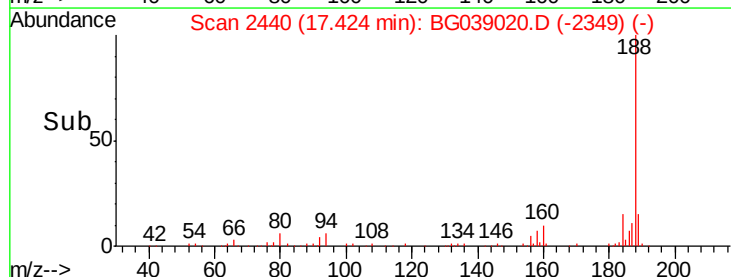
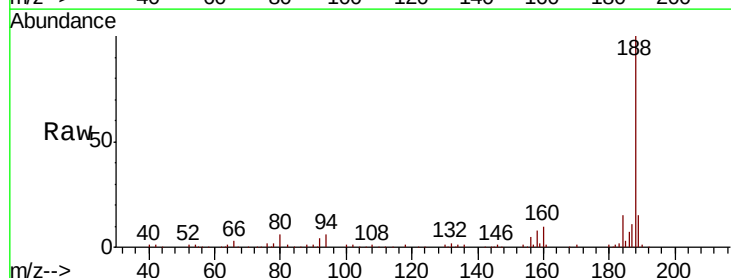
Instrument :
BNA_G
ClientSampleId :
ICVBG010919

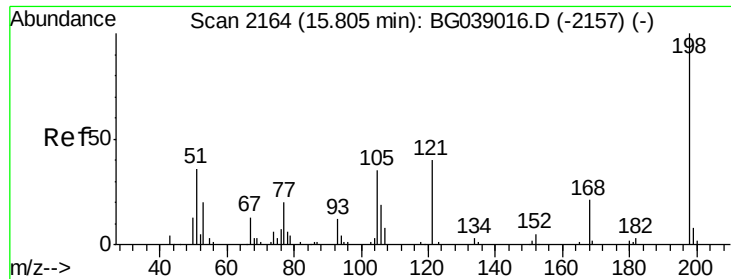
Tot Ion	Ratio	Lower	Upper
77	100		
182	34.2	12.2	52.2
105	20.3	1.2	41.2
51	34.9	13.4	53.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.0	7.4
80	6.1	4.7	7.1

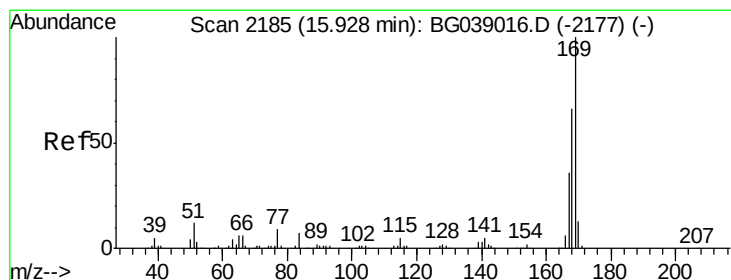
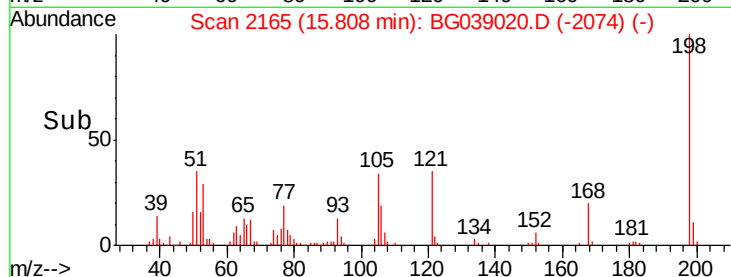
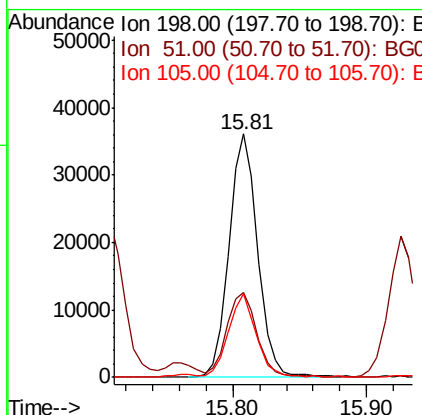
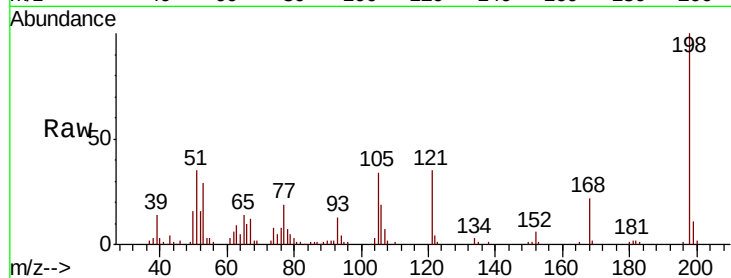




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.259 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

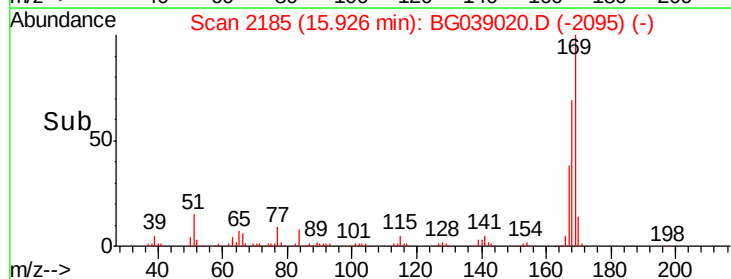
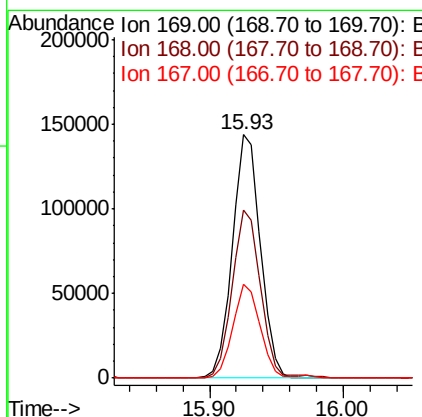
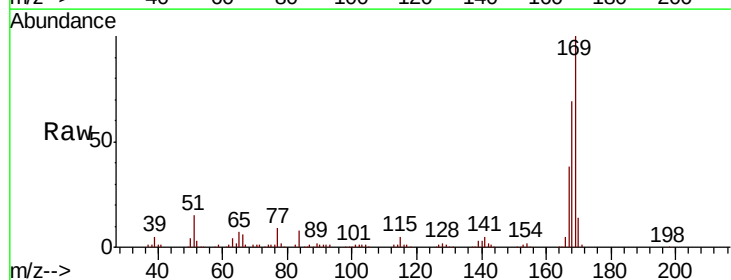
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

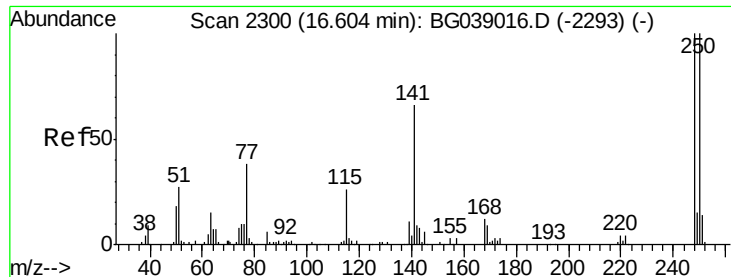
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.0	20.8	60.8
105	34.3	16.1	56.1



#66
 n-Nitrosodiphenylamine
 Concen: 40.180 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	53.2	79.8
167	38.4	29.1	43.7

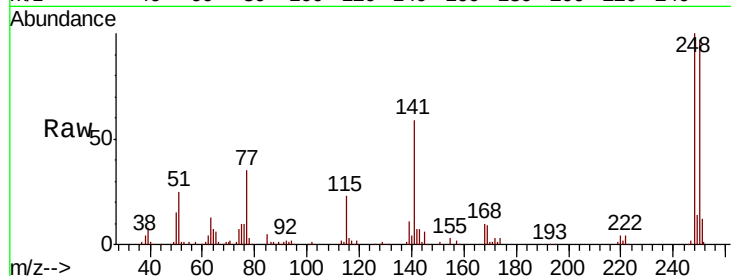




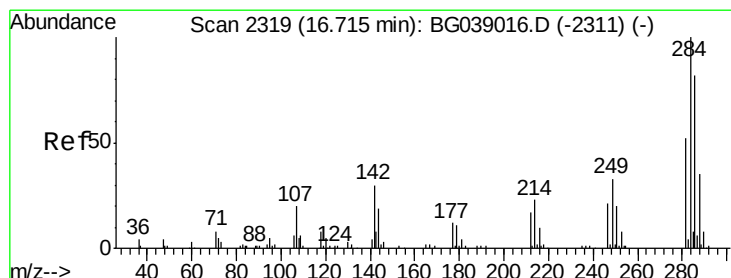
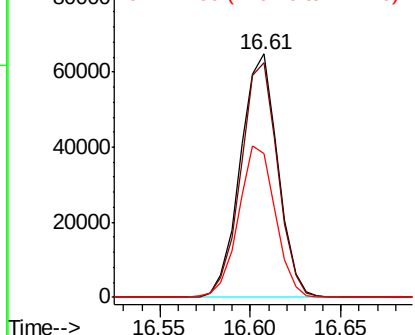
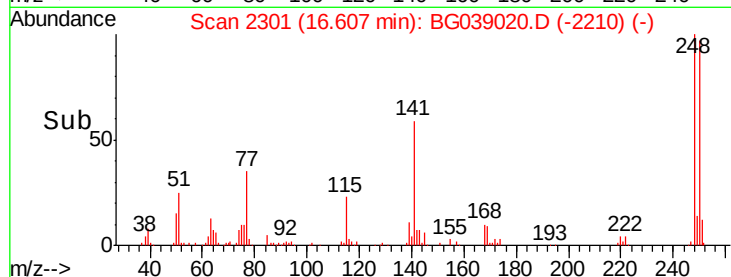
#67
 4-Bromophenyl-phenylether
 Concen: 40.896 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG010919

Tot Ion:248 Resp: 92673
 Ion Ratio Lower Upper
 248 100
 250 96.5 79.9 119.9
 141 59.0 52.7 79.1

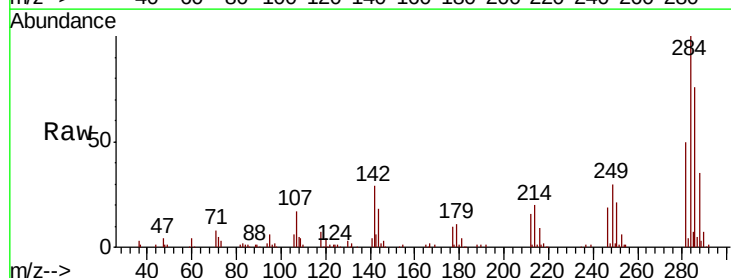


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

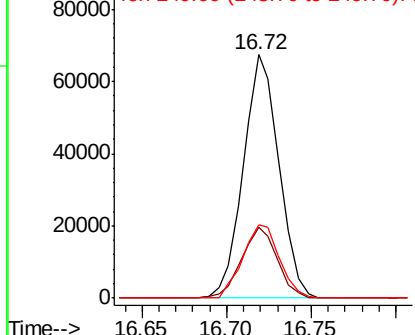
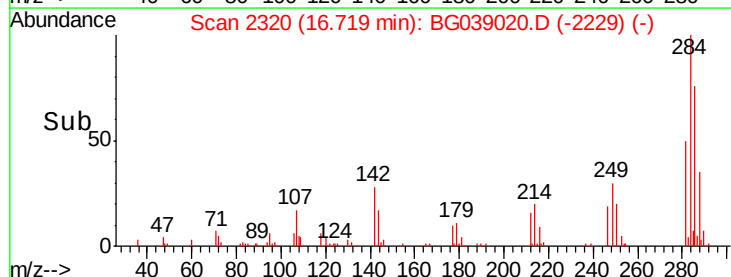


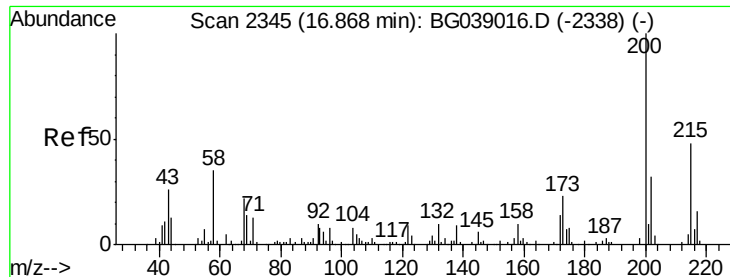
#68
 Hexachlorobenzene
 Concen: 39.892 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion:284 Resp: 98639
 Ion Ratio Lower Upper
 284 100
 142 29.0 24.3 36.5
 249 32.6 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: 39.441 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

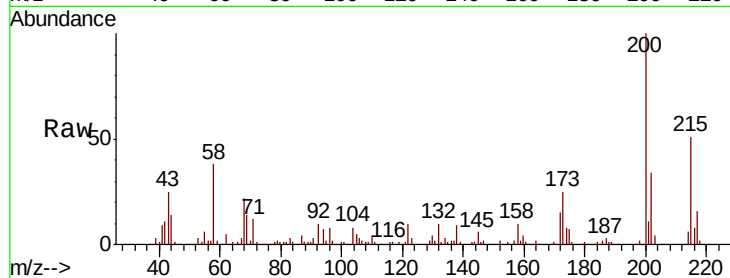
Tot Ion:200 Resp: 87561

Ion Ratio Lower Upper

200 100

173 24.7 2.6 42.6

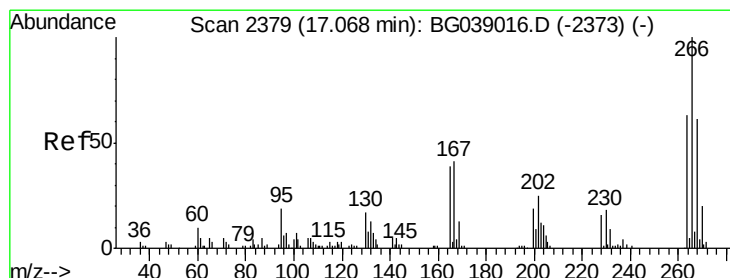
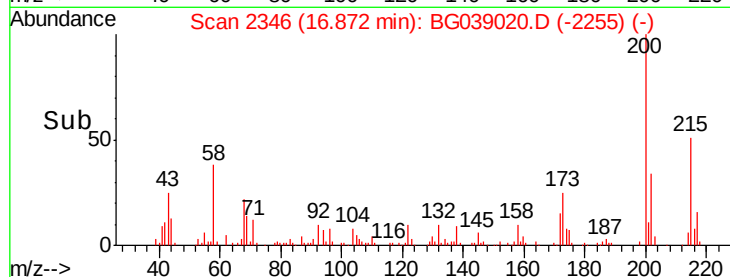
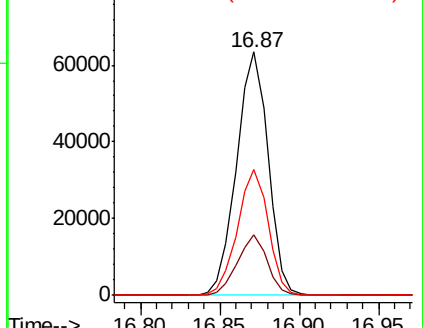
215 51.5 28.0 68.0



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: 39.449 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

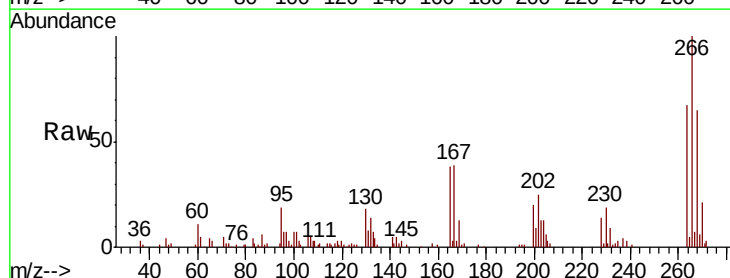
Tgt Ion:266 Resp: 55426

Ion Ratio Lower Upper

266 100

268 70.4 52.0 78.0

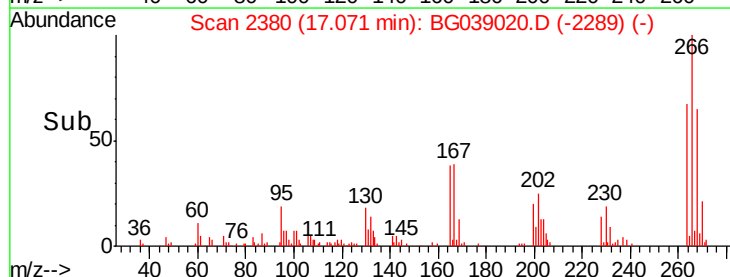
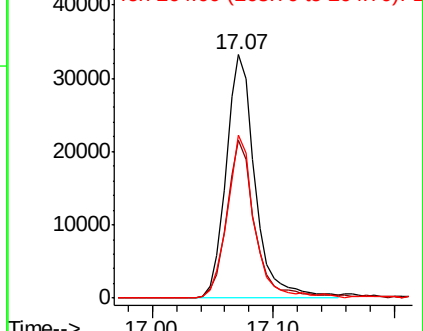
264 71.8 54.6 81.8

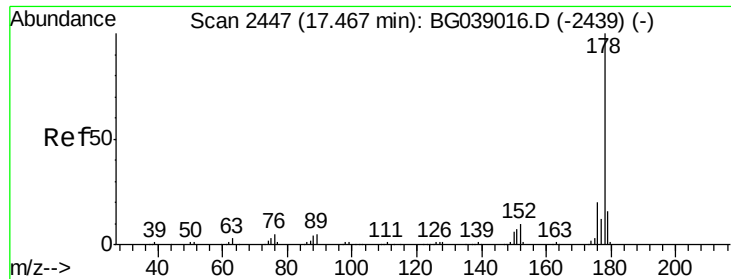


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

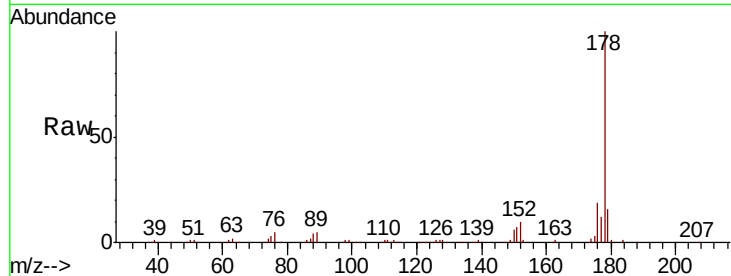




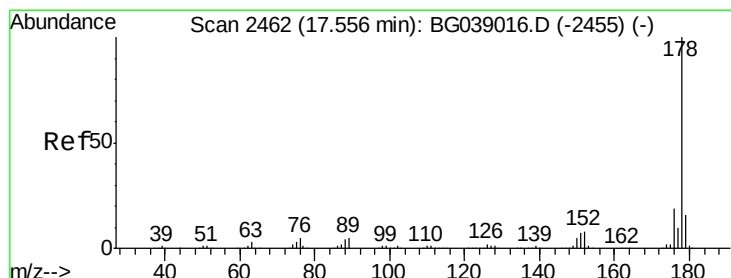
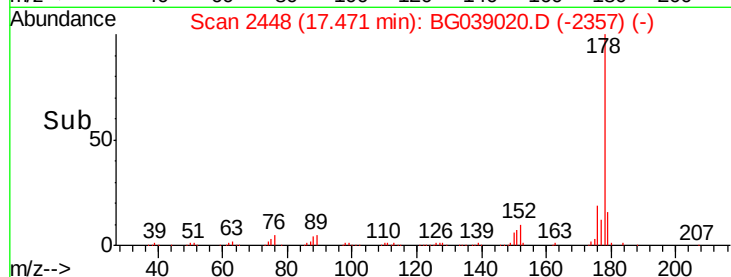
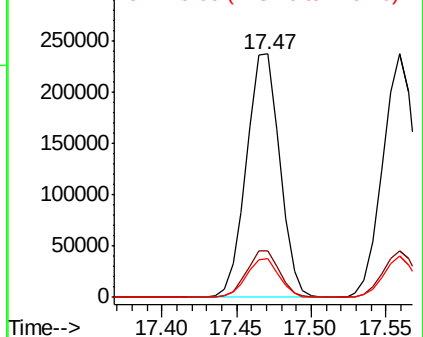
#71
Phenanthrene
Concen: 39.509 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Instrument :
BNA_G
ClientSampleId :
ICVBG010919

Tot Ion:178 Resp: 368132
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.7 12.9 19.3

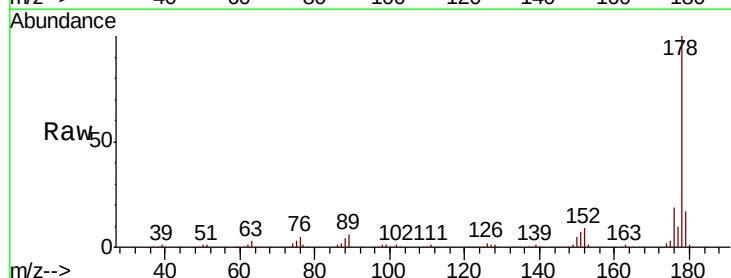


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

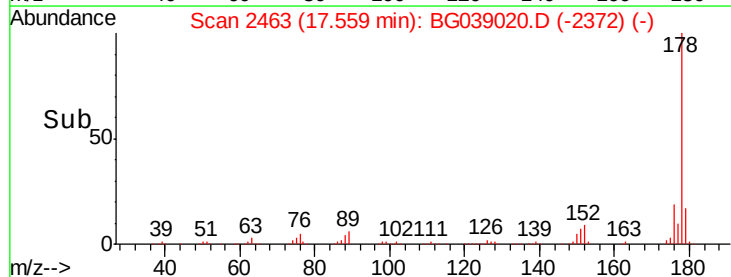
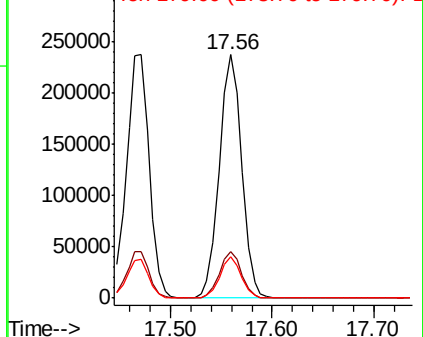


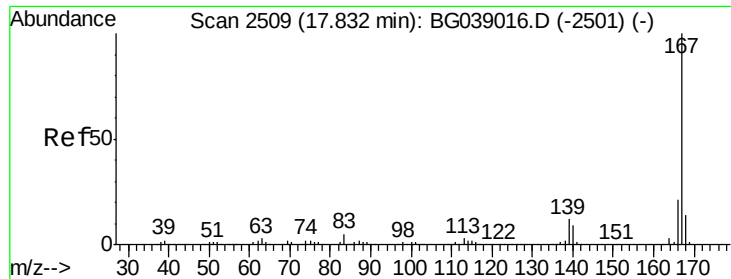
#72
Anthracene
Concen: 39.594 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:178 Resp: 364775
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 16.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

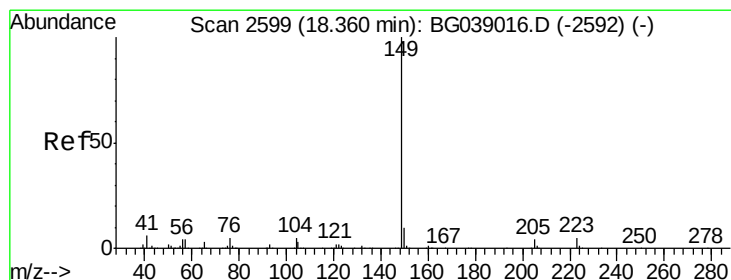
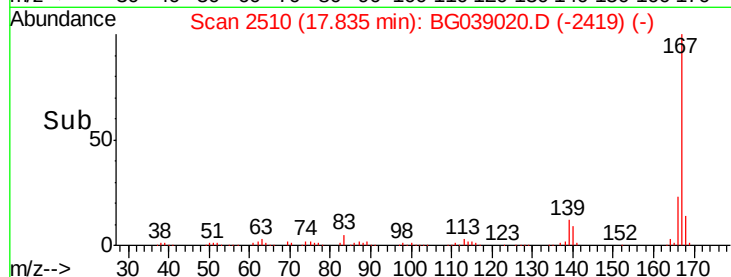
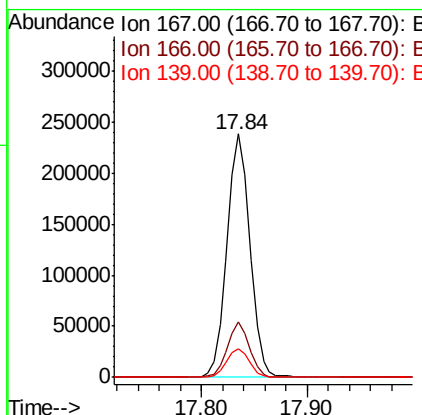
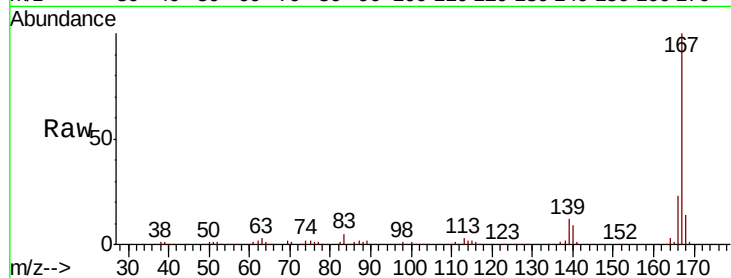




#73
 Carbazole
 Concen: 39.331 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

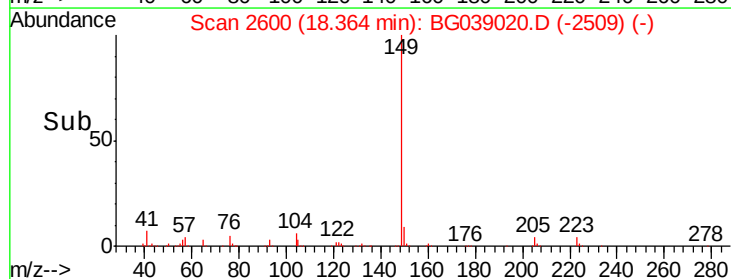
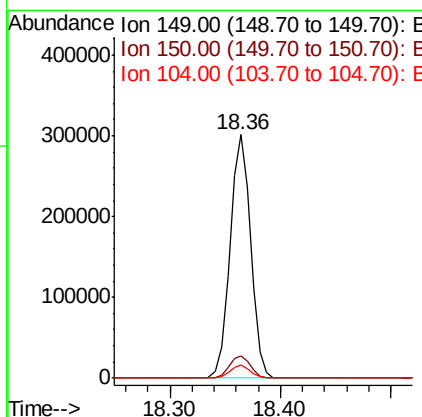
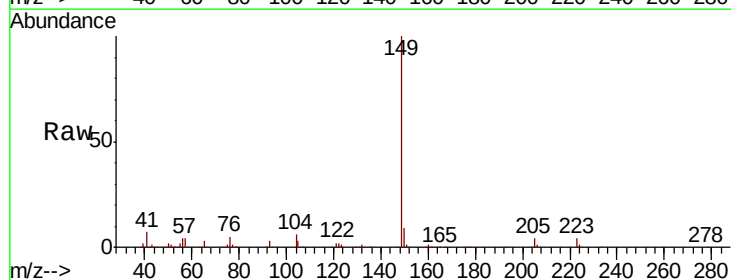
Instrument :
 BNA_G
 ClientSampleId :
 ICBG010919

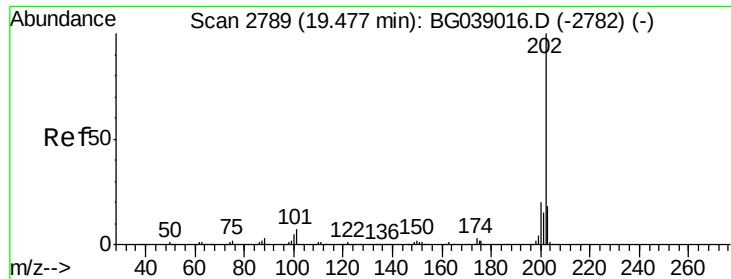
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	16.9	25.3
139	11.5	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 38.880 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. 0.00 min
 Lab File: BG039020.D
 Acq: 9 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.6	4.2	6.2





#75

Fluoranthene

Concen: 38.921 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

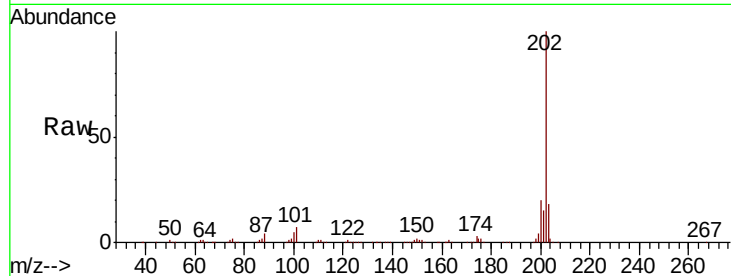
Tot Ion:202 Resp: 449579

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.9

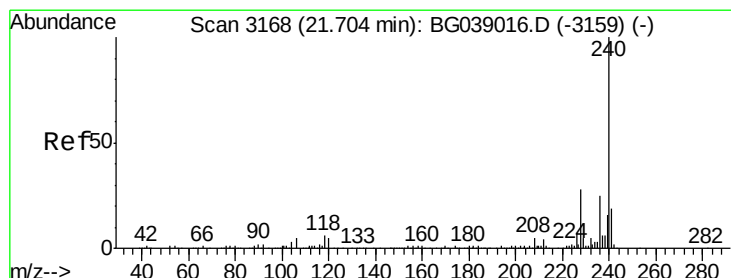
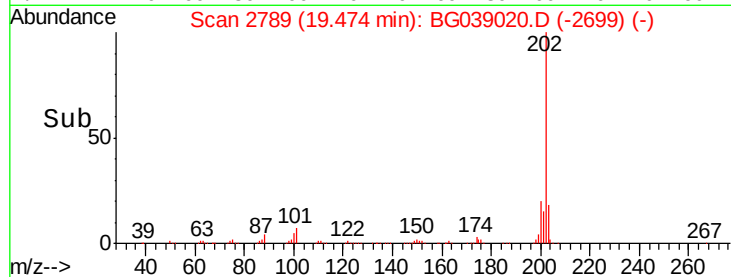
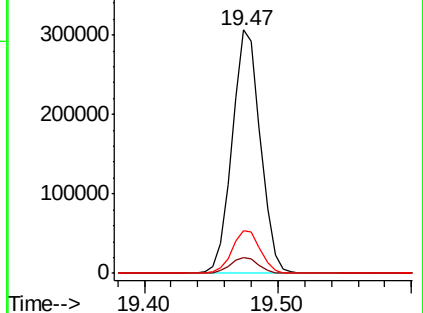
203 17.7 0.0 38.1



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: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

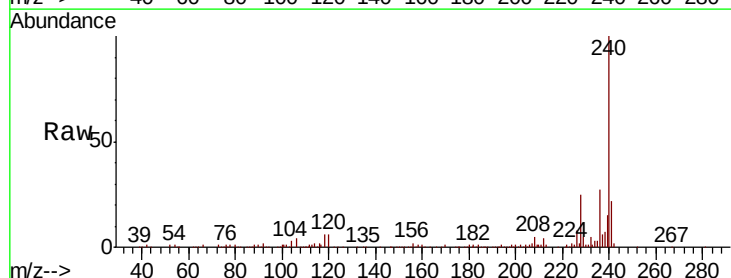
Tgt Ion:240 Resp: 178344

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

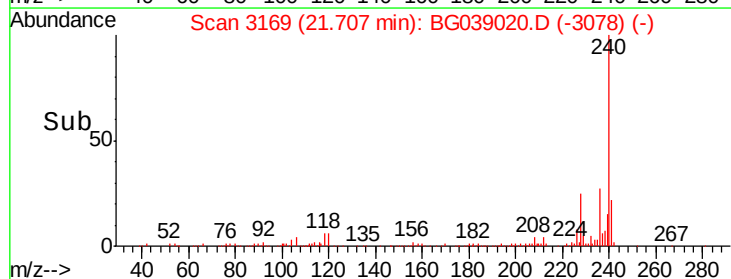
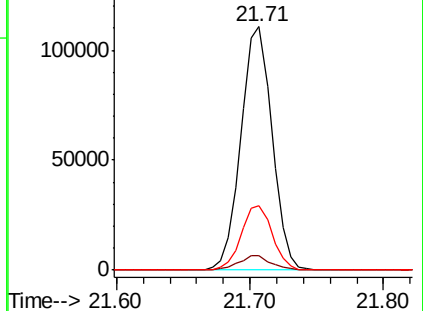
236 26.6 20.1 30.1

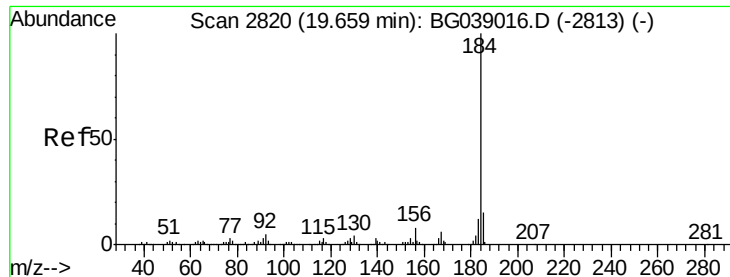


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.814 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

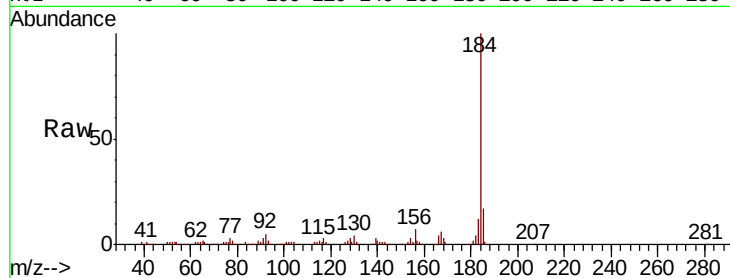
Tot Ion:184 Resp: 195363

Ion Ratio Lower Upper

184 100

185 17.1 12.1 18.1

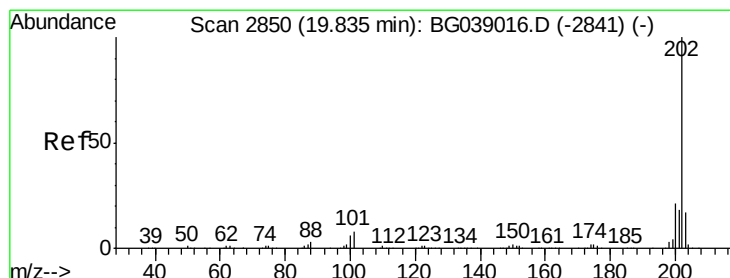
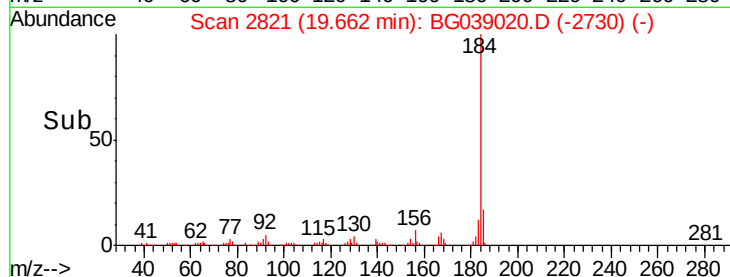
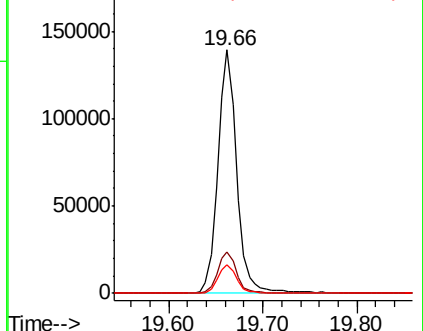
183 11.6 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.171 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

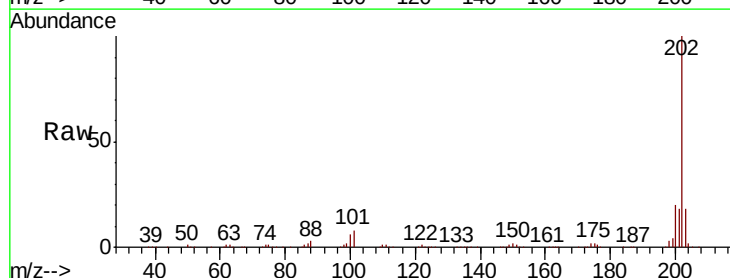
Tgt Ion:202 Resp: 456572

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

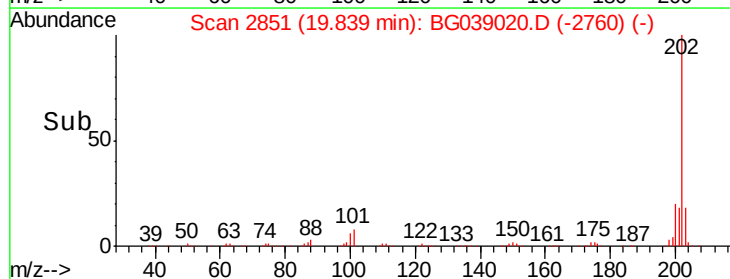
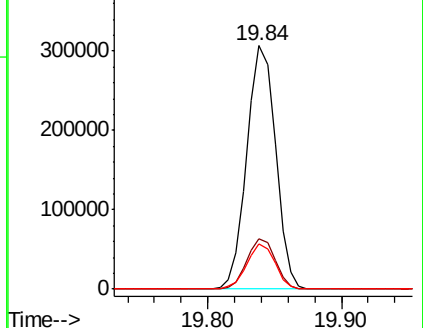
203 18.3 14.0 21.0

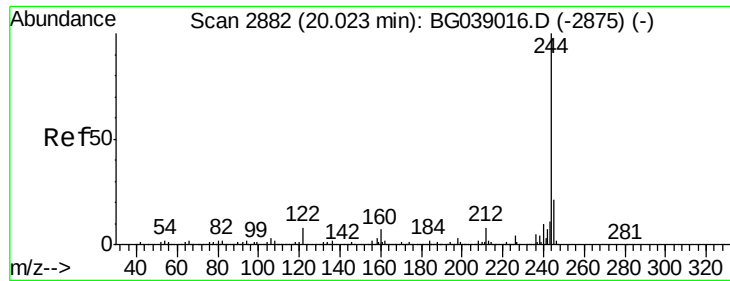


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.406 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

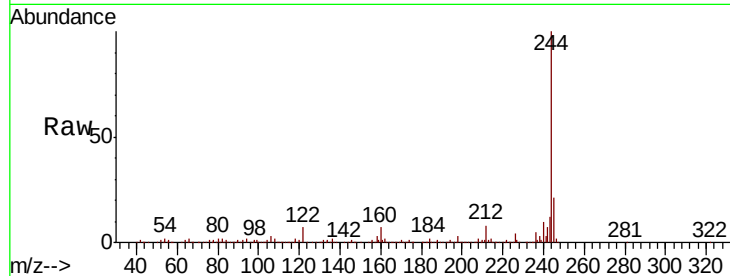
Tot Ion:244 Resp: 755894

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

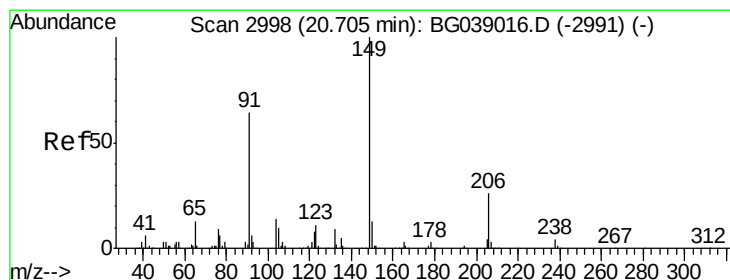
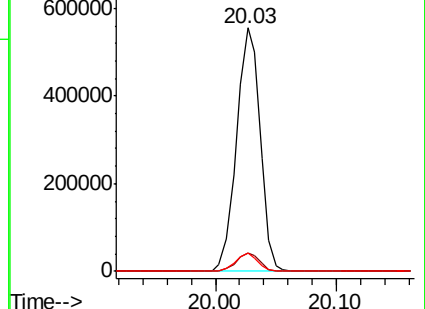
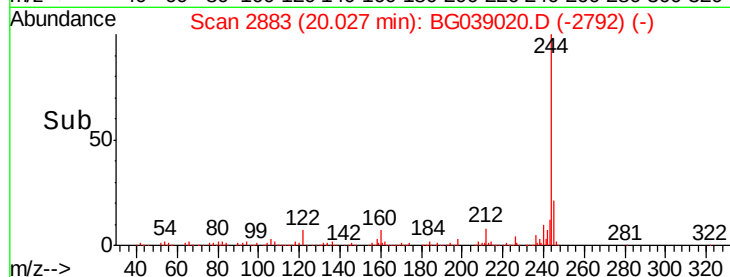
122 7.4 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.577 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

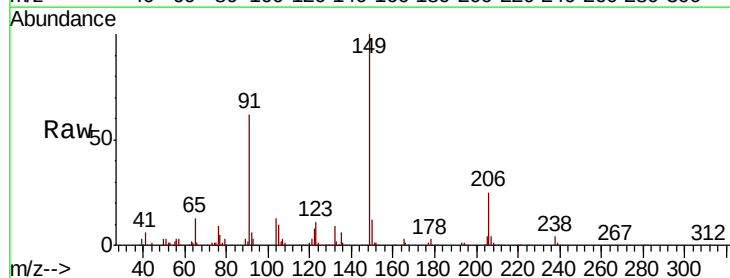
Tgt Ion:149 Resp: 175404

Ion Ratio Lower Upper

149 100

91 62.4 51.4 77.0

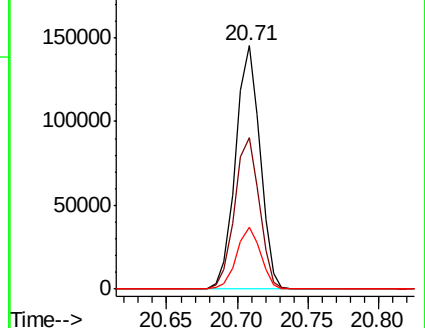
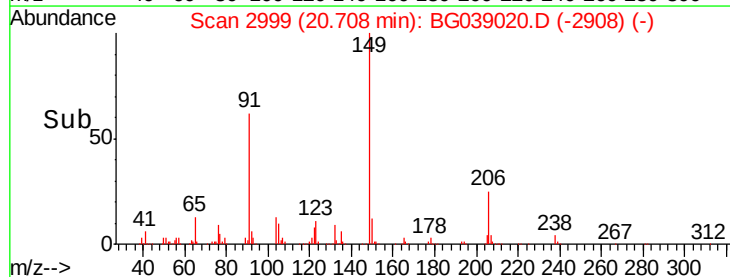
206 25.2 20.4 30.6

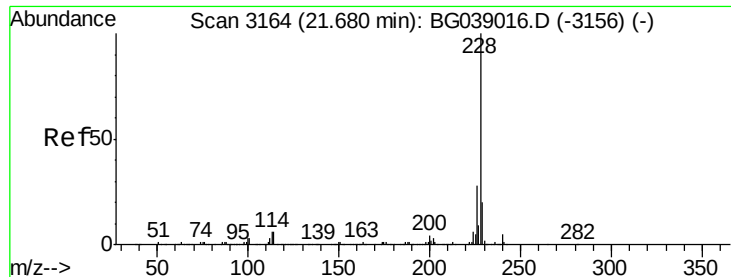


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

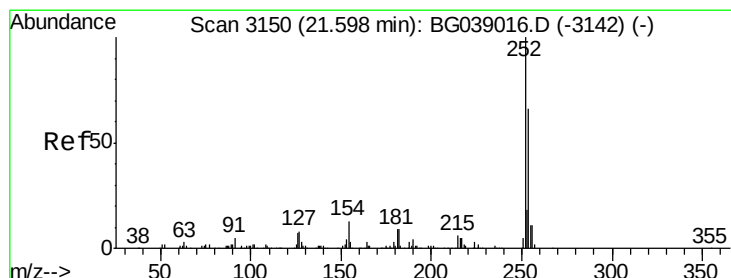
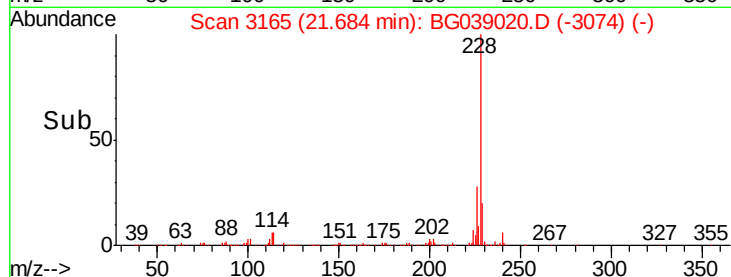
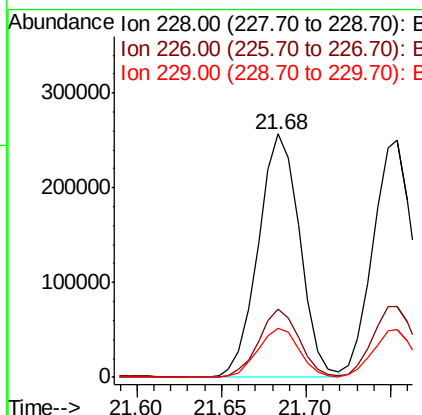
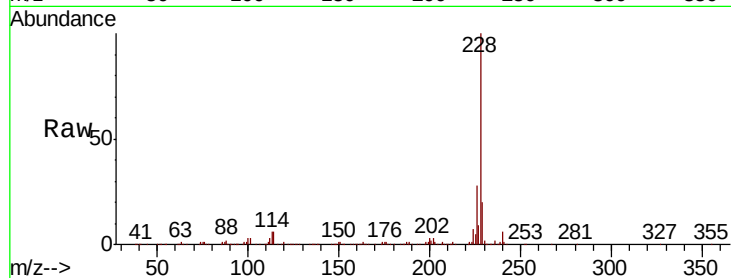




#81
Benzo(a)anthracene
Concen: 40.307 ng
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

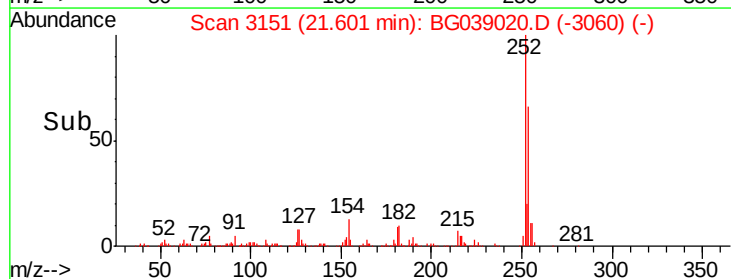
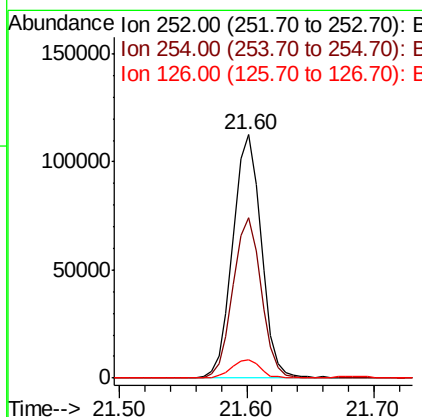
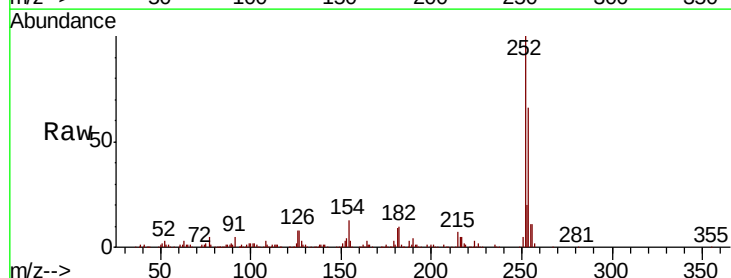
Instrument :
BNA_G
ClientSampleId :
ICVBG010919

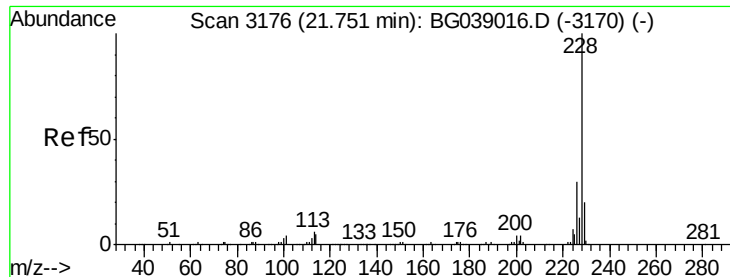
Tot Ion:228 Resp: 437604
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 39.574 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:252 Resp: 175057
Ion Ratio Lower Upper
252 100
254 65.8 53.0 79.6
126 7.7 6.0 9.0





#83

Chrysene

Concen: 40.217 ng

RT: 21.75 min Scan# 3177

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

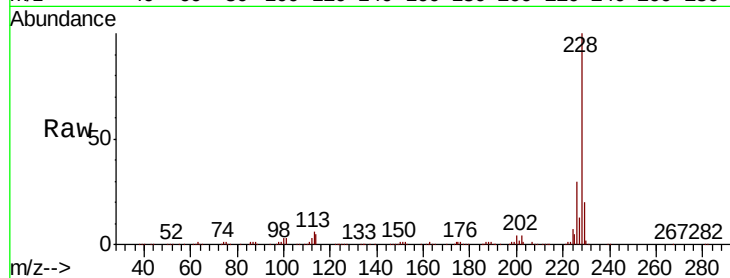
Tot Ion:228 Resp: 415271

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

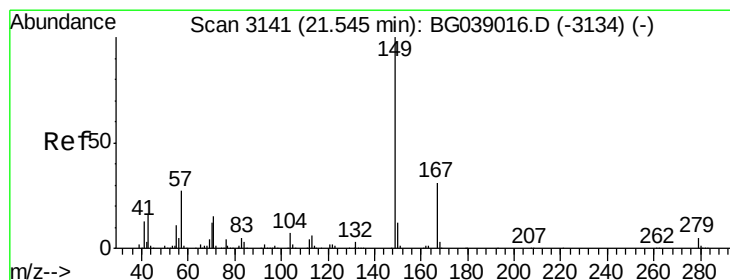
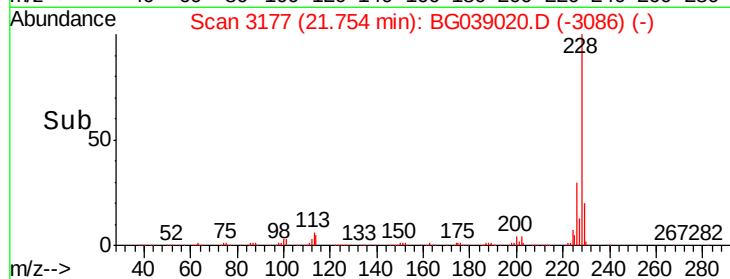
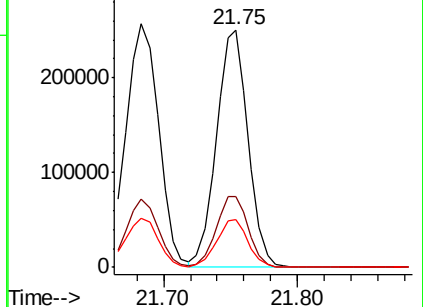
229 19.9 16.0 24.0



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: 40.647 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

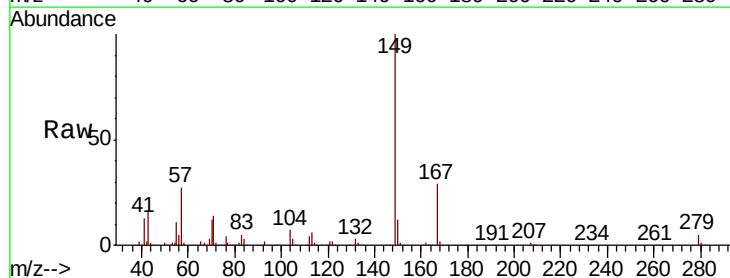
Tgt Ion:149 Resp: 243974

Ion Ratio Lower Upper

149 100

167 29.1 25.0 37.4

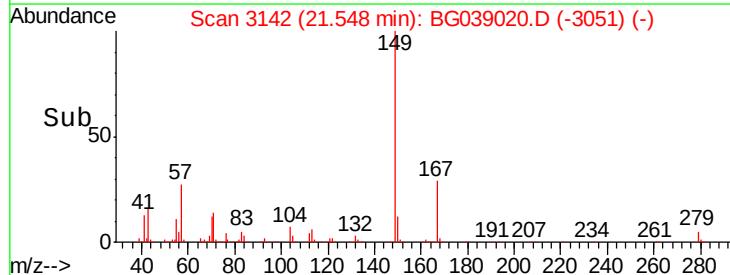
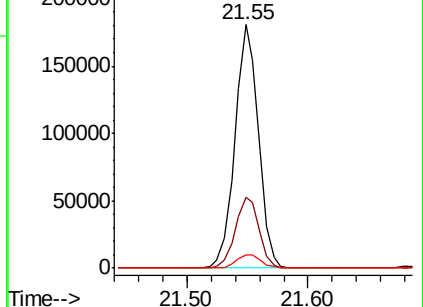
279 5.4 4.3 6.5

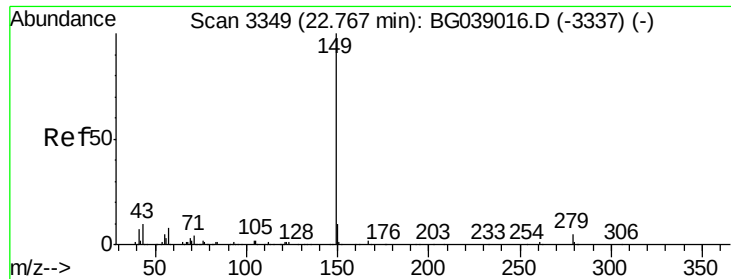


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.516 ng

RT: 22.77 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

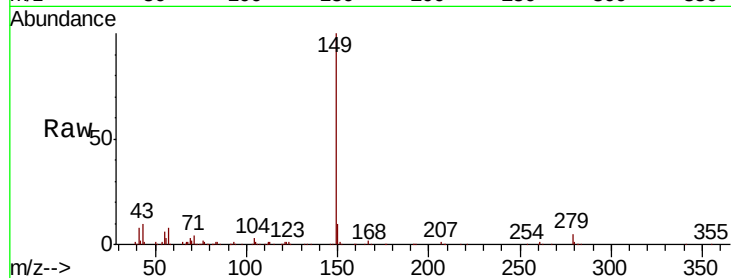
Tot Ion:149 Resp: 411211

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

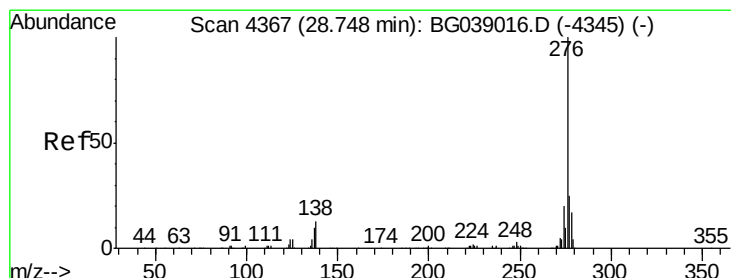
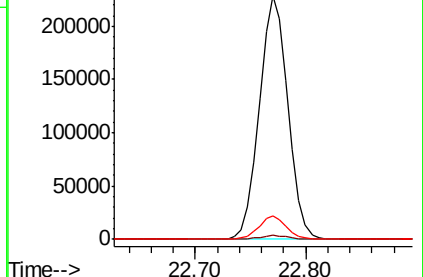
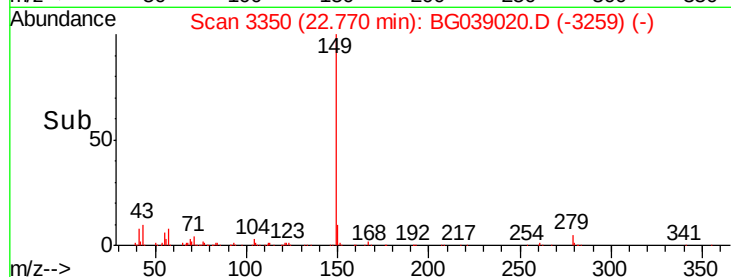
43 9.4 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.577 ng

RT: 28.76 min Scan# 4370

Delta R.T. 0.02 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

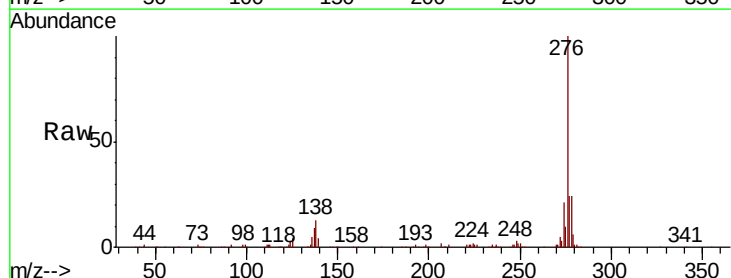
Tgt Ion:276 Resp: 500643

Ion Ratio Lower Upper

276 100

138 10.5 8.0 12.0

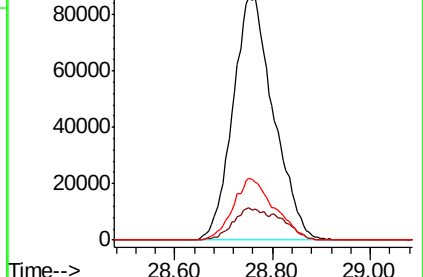
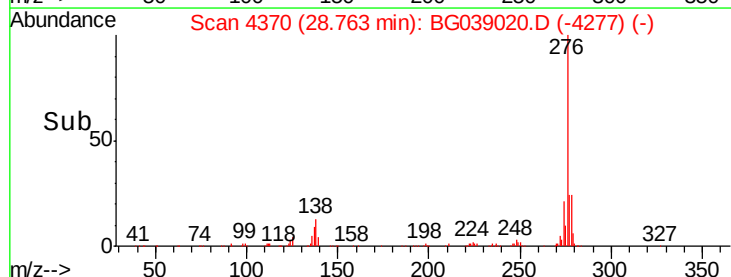
277 25.6 20.3 30.5

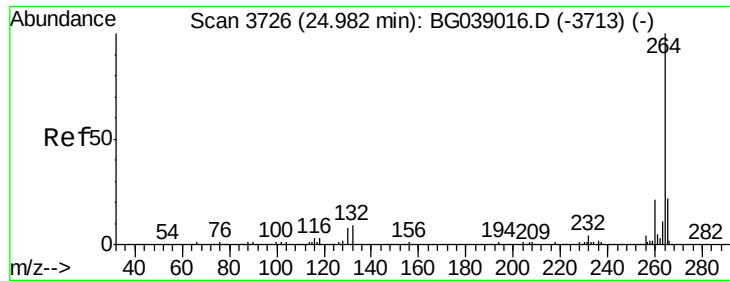


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

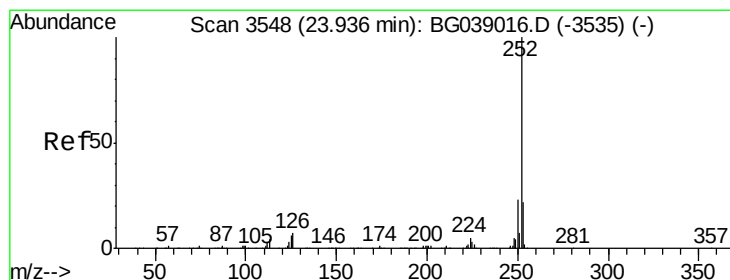
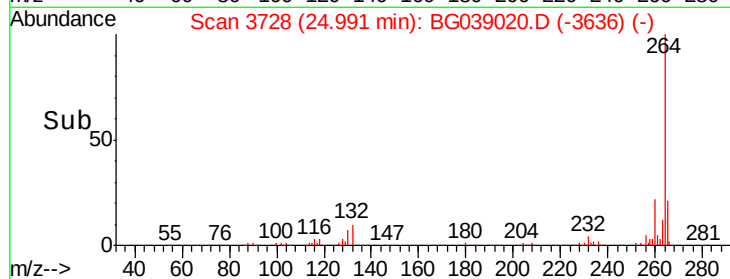
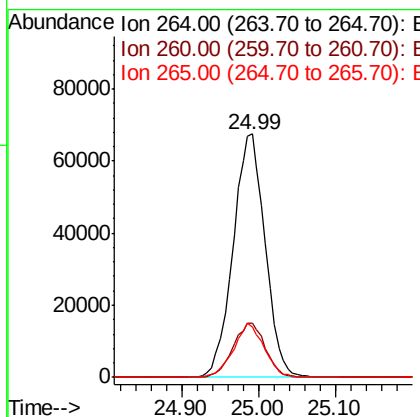
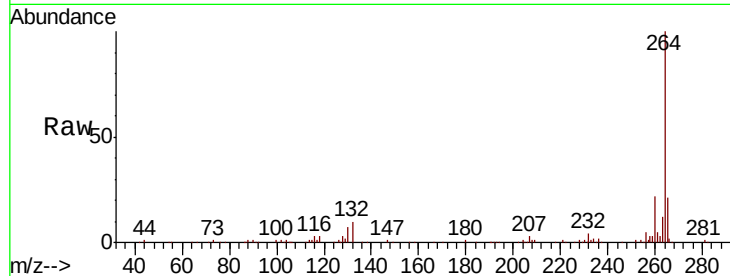




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. 0.01 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

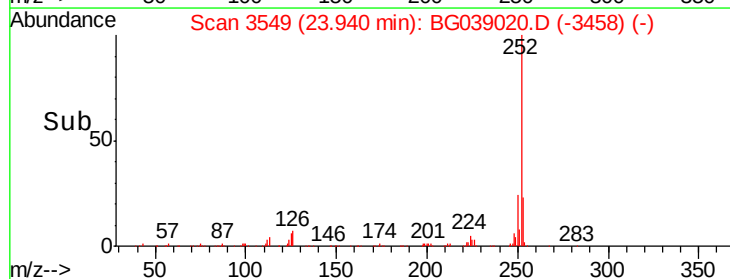
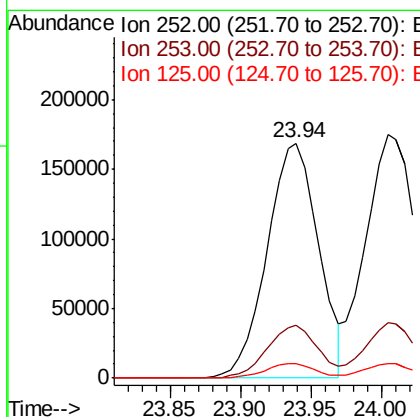
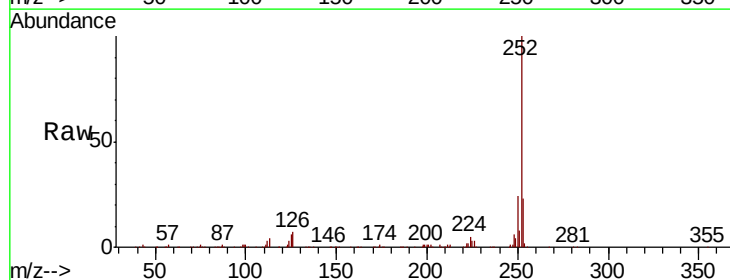
Instrument :
BNA_G
ClientSampleId :
ICVBG010919

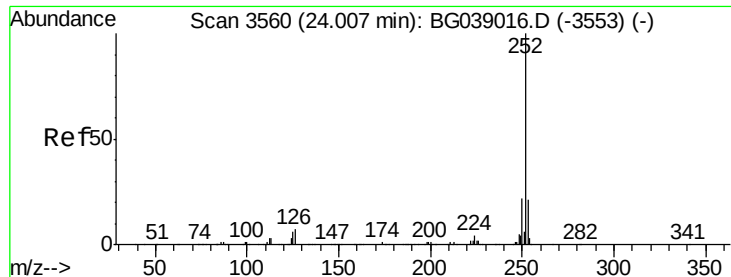
Tot Ion:264 Resp: 195472
Ion Ratio Lower Upper
264 100
260 22.3 17.0 25.6
265 20.7 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 39.799 ng
RT: 23.94 min Scan# 3549
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:252 Resp: 428961
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 6.4 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 40.862 ng

RT: 24.00 min Scan# 3560

Delta R.T. -0.00 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

Instrument :

BNA_G

ClientSampleId :

ICVBG010919

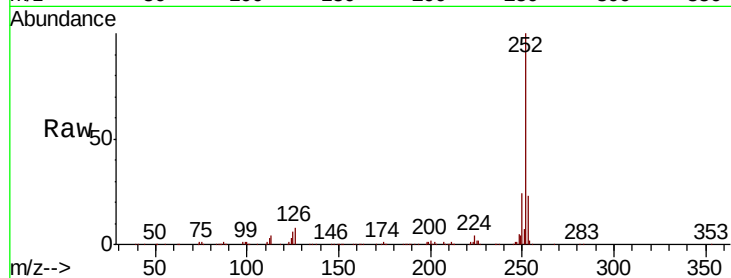
Tot Ion:252 Resp: 435452

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

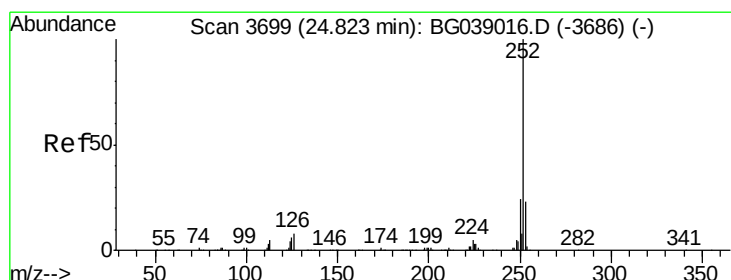
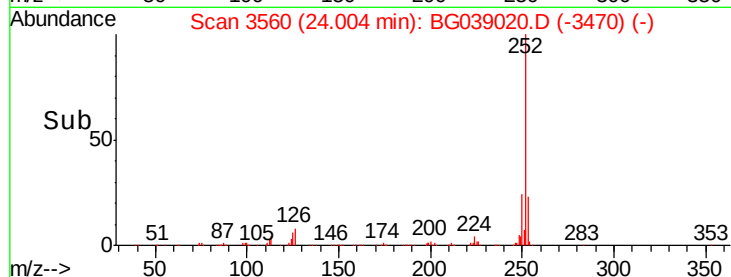
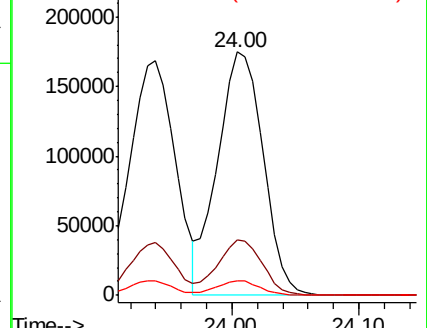
125 5.7 4.6 7.0



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: 40.360 ng

RT: 24.83 min Scan# 3701

Delta R.T. 0.01 min

Lab File: BG039020.D

Acq: 9 Jan 2019 14:34

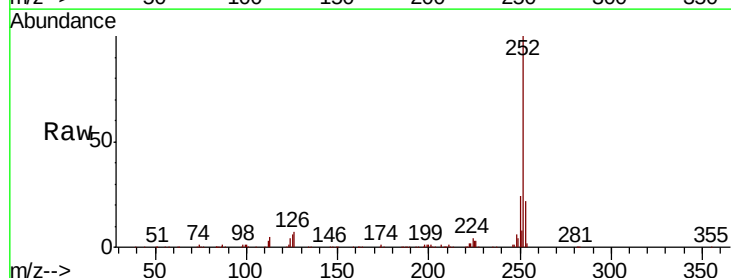
Tgt Ion:252 Resp: 420472

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

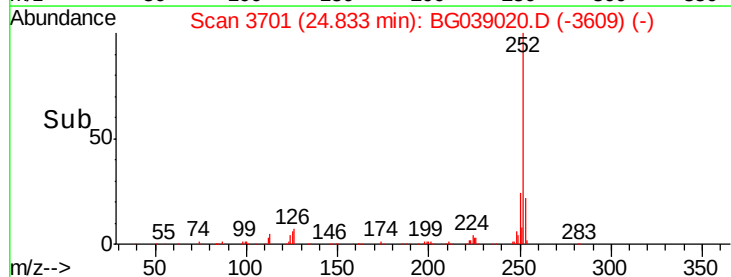
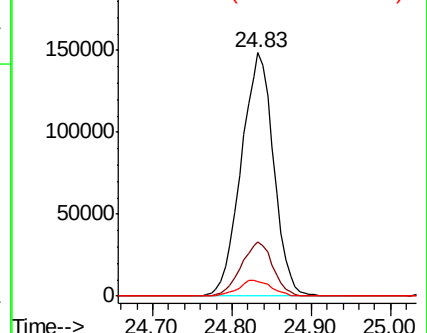
125 6.1 4.9 7.3

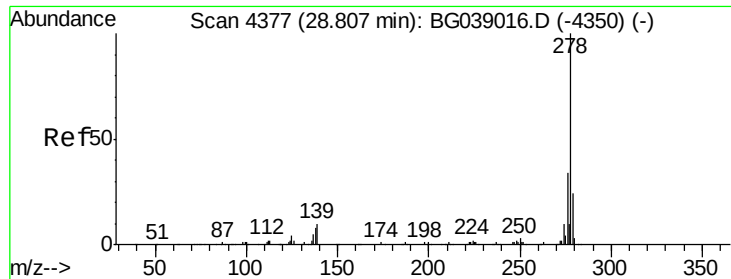


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



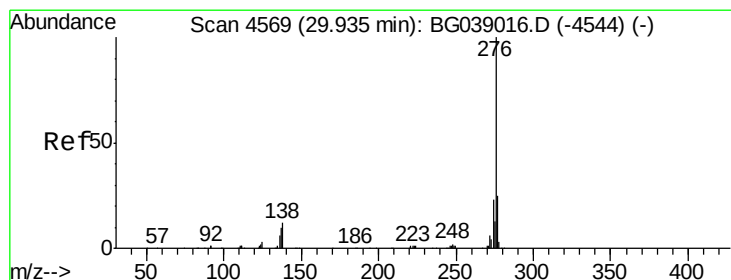
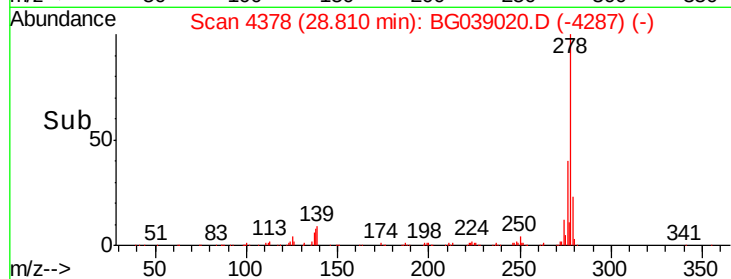
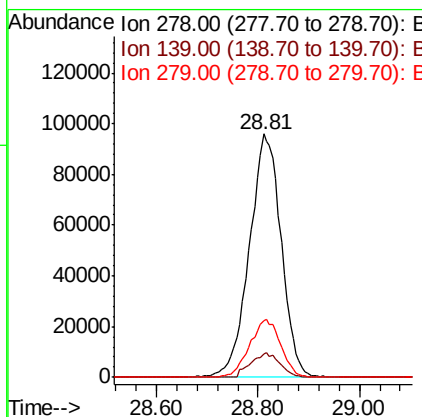
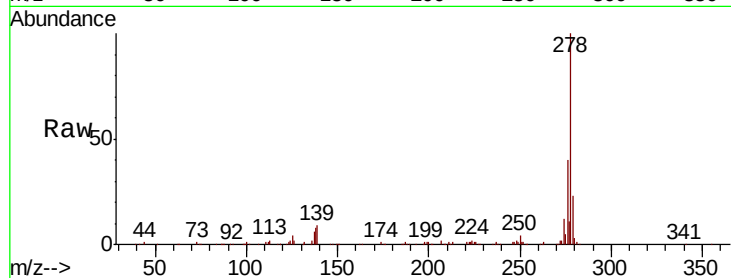


#91
Dibenzo(a,h)anthracene
Concen: 40.277 ng
RT: 28.81 min Scan# 4378
Delta R.T. 0.00 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Instrument :
BNA_G
ClientSampleId :
ICVBG010919

Tot Ion:278 Resp: 417368

Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.9	11.9
279	23.3	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 40.147 ng
RT: 29.94 min Scan# 4571
Delta R.T. 0.01 min
Lab File: BG039020.D
Acq: 9 Jan 2019 14:34

Tgt Ion:276 Resp: 411862

Ion	Ratio	Lower	Upper
276	100		
277	23.1	20.3	30.5
138	11.5	9.4	14.2

