

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039461.D
 Acq On : 12 Feb 2019 13:13
 Operator : JU/SJ
 Sample : PB116987BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 13:51:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	48459	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	243822	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	185803	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	433363	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	359149	20.00	ng	-0.02
87) Perylene-d12	25.21	264	376774	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	487842	172.30	ng	0.00
7) Phenol-d6	7.31	99	738661	177.24	ng	0.00
23) Nitrobenzene-d5	9.35	82	359198	92.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	329125	164.50	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	961217	74.21	ng	-0.01
79) Terphenyl-d14	20.13	244	1401455	82.60	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	36562	29.521	ng	97
3) Pyridine	4.00	79	115524	35.230	ng	93
4) n-Nitrosodimethylamine	3.92	42	62413	38.059	ng	85
6) Aniline	7.49	93	173969	33.325	ng	99
8) 2-Chlorophenol	7.73	128	159735	51.612	ng	96
9) Benzaldehyde	7.31	77	76006	35.308	ng	97
10) Phenol	7.34	94	225519	51.909	ng	96
11) bis(2-Chloroethyl)ether	7.59	93	143438	41.783	ng	99
12) 1,3-Dichlorobenzene	8.06	146	145875	38.907	ng	96
13) 1,4-Dichlorobenzene	8.20	146	149975	40.133	ng	98
14) 1,2-Dichlorobenzene	8.53	146	150033	41.472	ng	95
15) Benzyl Alcohol	8.40	79	161692	49.417	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.69	45	278551	35.931	ng	97
17) 2-Methylphenol	8.60	107	152393	54.205	ng	97
18) Hexachloroethane	9.26	117	52269	40.655	ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	130673	44.175	ng	94
20) 3+4-Methylphenols	8.93	107	210693	54.421	ng	96
22) Acetophenone	9.00	105	243778	37.221	ng	# 95
24) Nitrobenzene	9.39	77	189244	44.882	ng	97
25) Isophorone	9.91	82	386147	44.647	ng	96
26) 2-Nitrophenol	10.10	139	95664	55.213	ng	96
27) 2,4-Dimethylphenol	10.14	122	184326	52.684	ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	231251	43.409	ng	97
29) 2,4-Dichlorophenol	10.63	162	197905	51.756	ng	93
30) 1,2,4-Trichlorobenzene	10.85	180	179243	41.752	ng	98
31) Naphthalene	11.04	128	518841	42.894	ng	99
32) Benzoic acid	10.27	122	109342	47.778	ng	93
33) 4-Chloroaniline	11.15	127	123945	22.100	ng	95
34) Hexachlorobutadiene	11.31	225	109828	38.469	ng	93
35) Caprolactam	11.94	113	46360	29.299	ng	# 88
36) 4-Chloro-3-methylphenol	12.25	107	219238	49.576	ng	96
37) 2-Methylnaphthalene	12.63	142	414635	46.282	ng	98
38) 1-Methylnaphthalene	12.85	142	402372	46.593	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	232326	39.299	ng	99

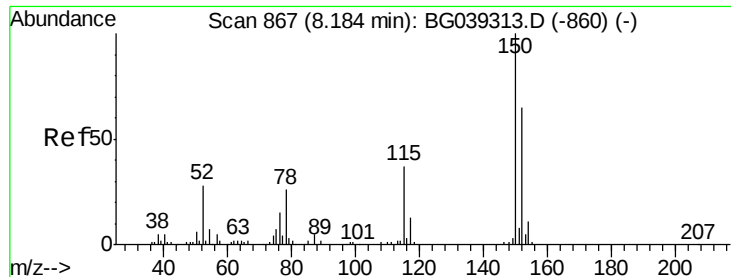
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039461.D
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 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	283441	87.987	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	167880	46.186	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	183060	48.052	ng	99
46) 1,1'-Biphenyl	13.63	154	577869	37.380	ng	100
47) 2-Chloronaphthalene	13.68	162	445406	38.299	ng	98
48) 2-Nitroaniline	13.89	65	156786	47.116	ng	92
49) Acenaphthylene	14.53	152	736962	41.996	ng	100
50) Dimethylphthalate	14.24	163	613831	40.905	ng	99
51) 2,6-Dinitrotoluene	14.37	165	139550	49.518	ng	94
52) Acenaphthene	14.86	154	453376	39.802	ng	99
53) 3-Nitroaniline	14.70	138	91668	32.429	ng	# 92
54) 2,4-Dinitrophenol	14.91	184	102921	81.972	ng	94
55) Dibenzofuran	15.20	168	732743	40.121	ng	99
56) 4-Nitrophenol	14.99	139	219785	80.932	ng	88
57) 2,4-Dinitrotoluene	15.15	165	195519	53.377	ng	87
58) Fluorene	15.84	166	579340	42.553	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	184497	51.724	ng	96
60) Diethylphthalate	15.59	149	623363	40.177	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	314314	40.772	ng	96
62) 4-Nitroaniline	15.87	138	133581	42.936	ng	93
63) Azobenzene	16.12	77	552856	36.457	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	93106	52.531	ng	92
66) n-Nitrosodiphenylamine	16.04	169	540862	41.046	ng	100
67) 4-Bromophenyl-phenylether	16.72	248	206253	42.901	ng	93
68) Hexachlorobenzene	16.83	284	207768	43.074	ng	94
69) Atrazine	16.98	200	206811	42.947	ng	98
70) Pentachlorophenol	17.18	266	236687	70.601	ng	99
71) Phenanthrene	17.58	178	940075	41.912	ng	98
72) Anthracene	17.67	178	953079	43.139	ng	98
73) Carbazole	17.94	167	789800	35.821	ng	99
74) Di-n-butylphthalate	18.48	149	976142	37.949	ng	99
75) Fluoranthene	19.58	202	1004231	38.574	ng	99
77) Benzidine	19.76	184	354854	30.136	ng	99
78) Pyrene	19.94	202	976794	43.689	ng	99
80) Butylbenzylphthalate	20.81	149	388367	41.178	ng	95
81) Benzo(a)anthracene	21.81	228	907596	42.767	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	213665	27.153	ng	99
83) Chrysene	21.88	228	850232	42.087	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	541460	40.241	ng	99
85) Di-n-octyl phthalate	22.94	149	924190	41.575	ng	95
86) Indeno(1,2,3-cd)pyrene	29.10	276	1026793	47.372	ng	100
88) Benzo(b)fluoranthene	24.12	252	885396	43.090	ng	99
89) Benzo(k)fluoranthene	24.20	252	863719	41.868	ng	100
90) Benzo(a)pyrene	25.05	252	874195	44.176	ng	98
91) Dibenzo(a,h)anthracene	29.17	278	834080	45.007	ng	98
92) Benzo(g,h,i)perylene	30.33	276	844330	45.710	ng	99

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

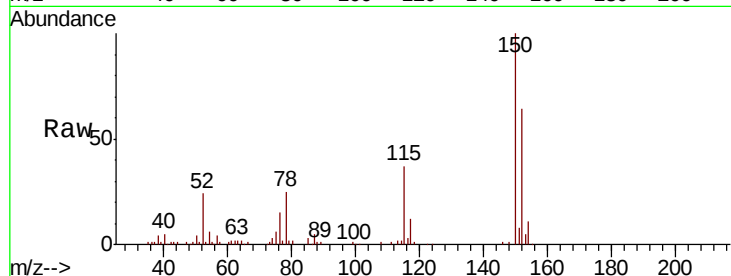


#1

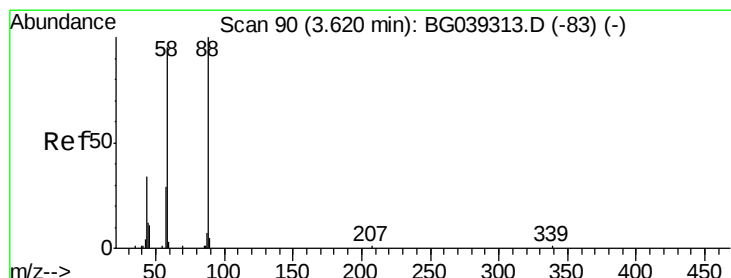
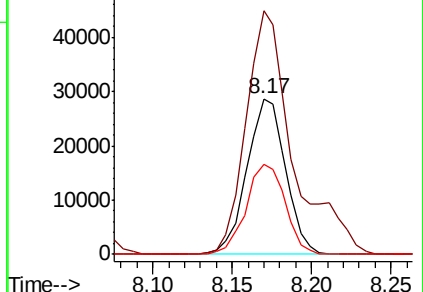
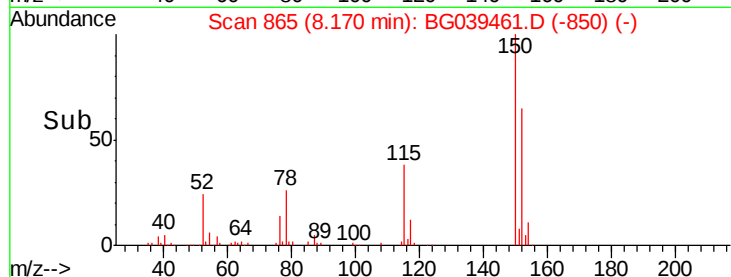
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48459
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 57.6 45.9 68.9



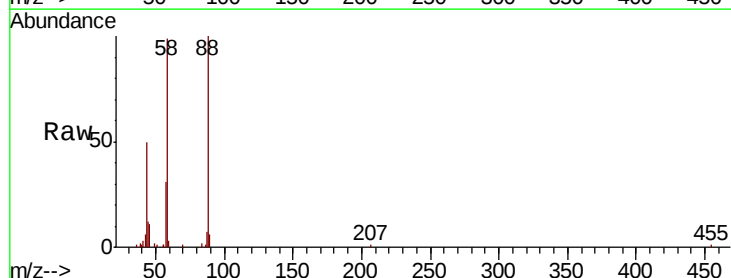
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



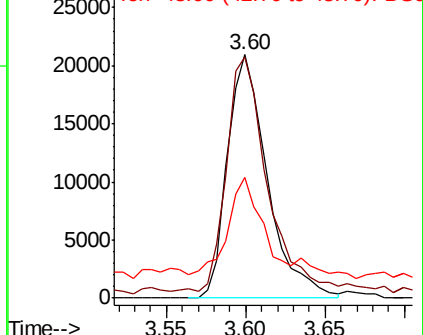
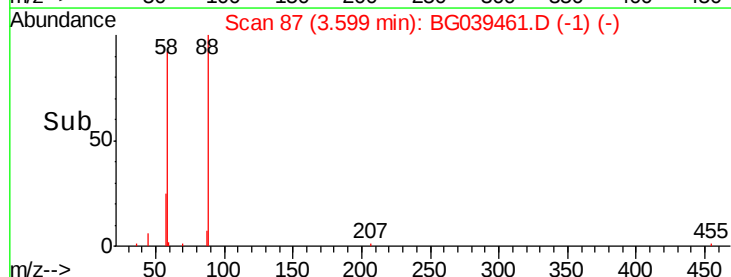
#2

1,4-Dioxane
Concen: 29.521 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion: 88 Resp: 36562
Ion Ratio Lower Upper
88 100
58 101.3 81.1 121.7
43 33.8 31.4 47.0



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: 35.230 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

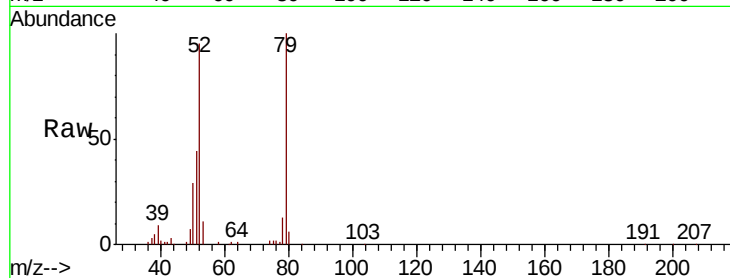
Tot Ion: 79 Resp: 115524

Ion Ratio Lower Upper

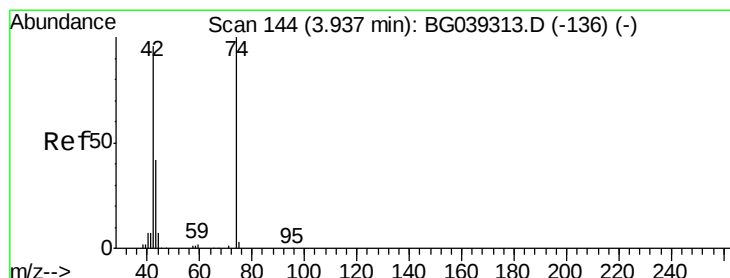
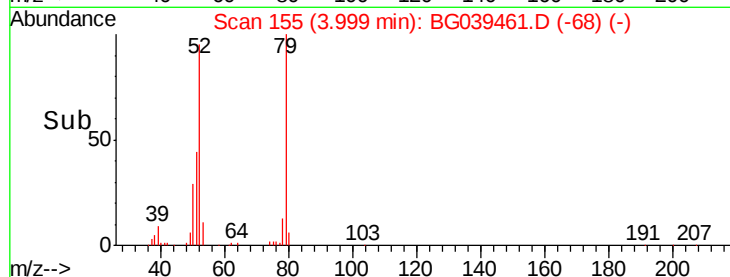
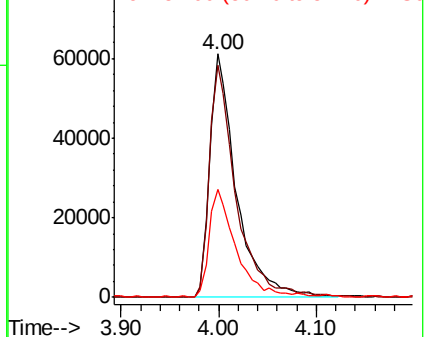
79 100

52 95.5 82.6 124.0

51 44.2 37.5 56.3



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: 38.059 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

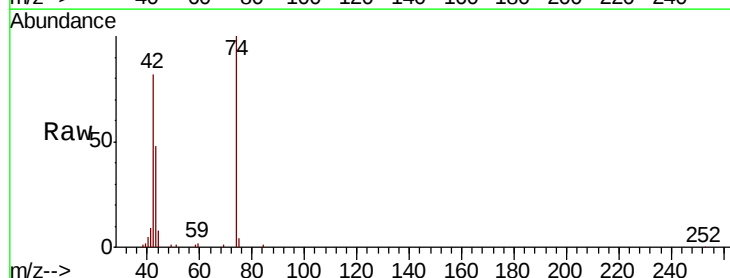
Tgt Ion: 42 Resp: 62413

Ion Ratio Lower Upper

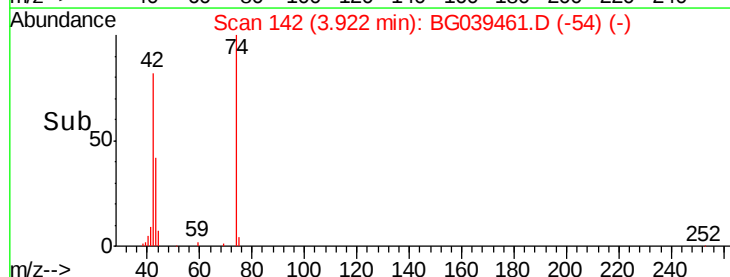
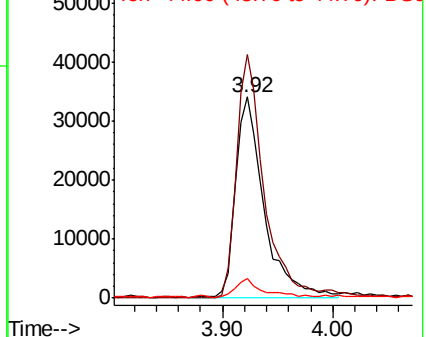
42 100

74 121.2 83.6 125.4

44 9.7 6.9 10.3



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: 172.299 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

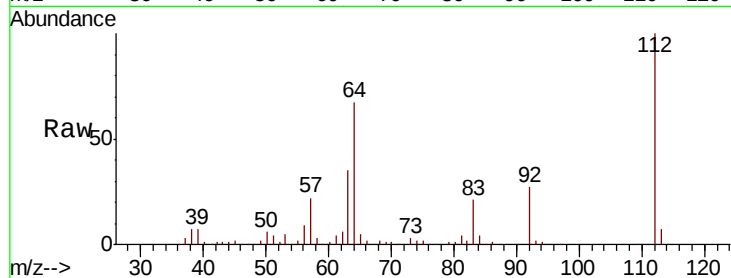
Tot Ion:112 Resp: 487842

Ion Ratio Lower Upper

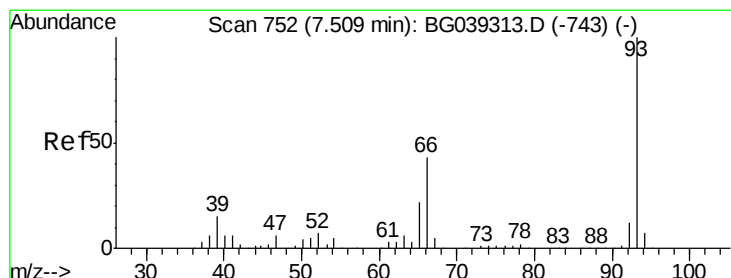
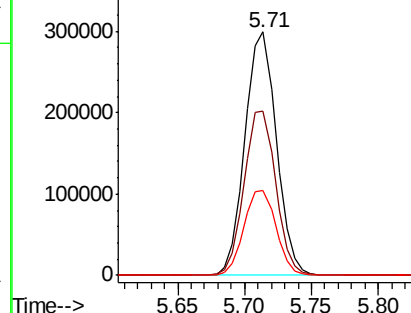
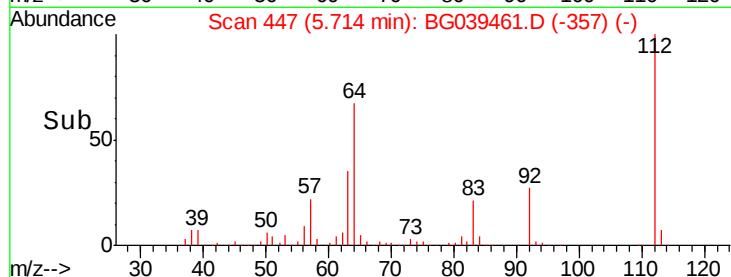
112 100

64 67.5 57.8 86.8

63 35.0 29.8 44.6



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: 33.325 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

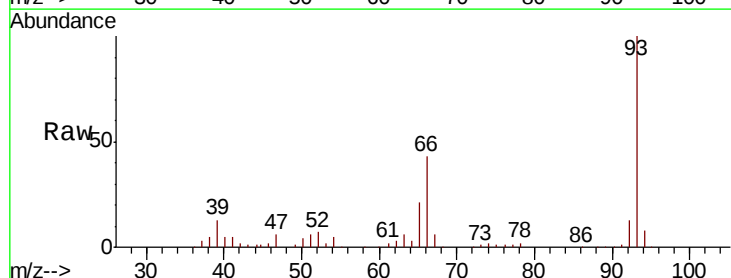
Tgt Ion: 93 Resp: 173969

Ion Ratio Lower Upper

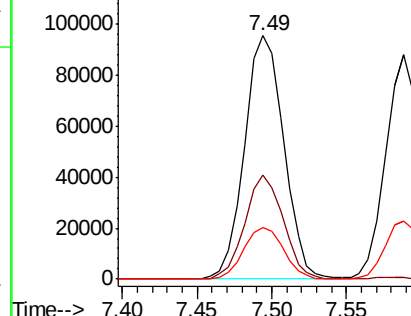
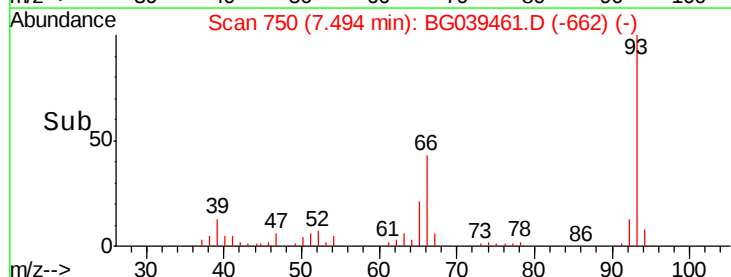
93 100

66 42.9 34.2 51.4

65 21.3 17.7 26.5



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: 177.235 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampled :

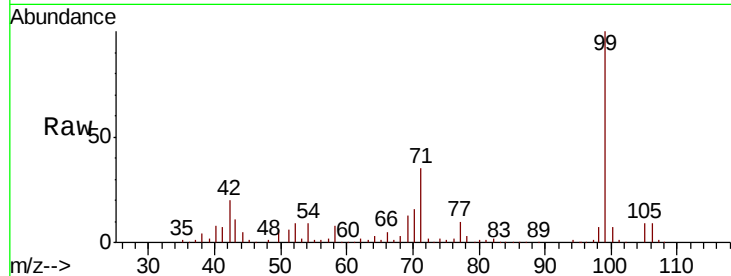
Tot Ion: 99 Resp: 738661

Ion Ratio Lower Upper

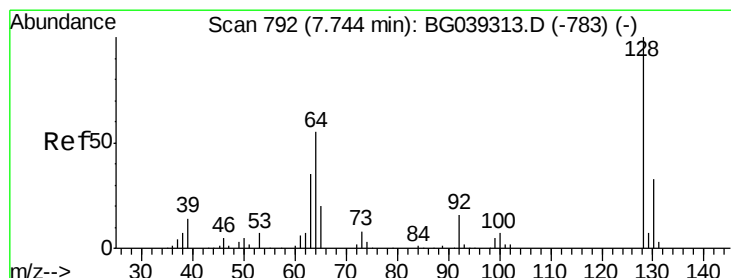
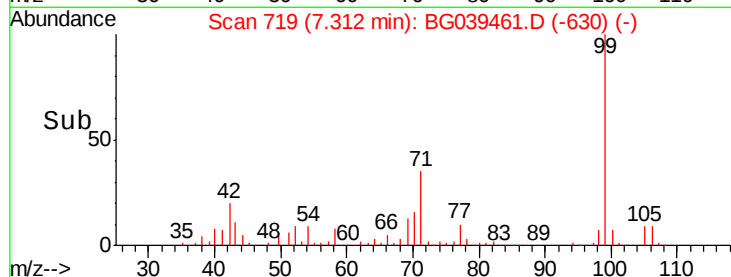
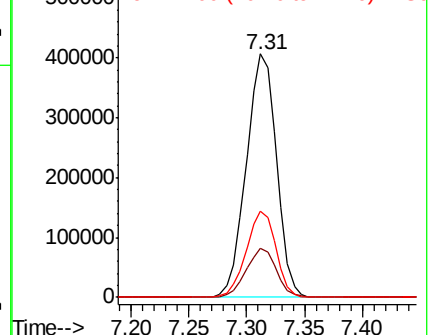
99 100

42 20.0 18.2 27.2

71 35.2 28.0 42.0



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: 51.612 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

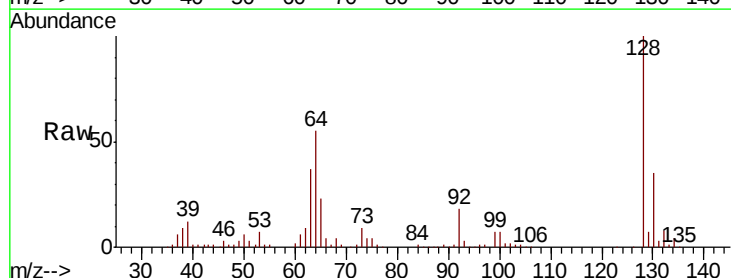
Tgt Ion:128 Resp: 159735

Ion Ratio Lower Upper

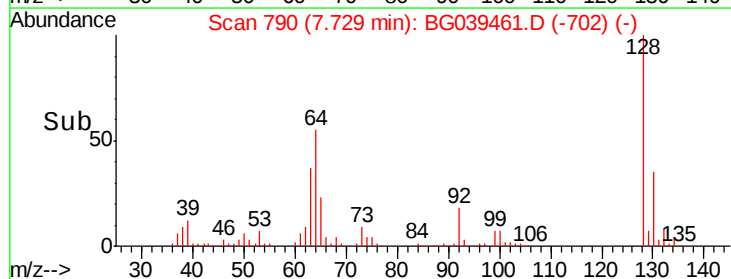
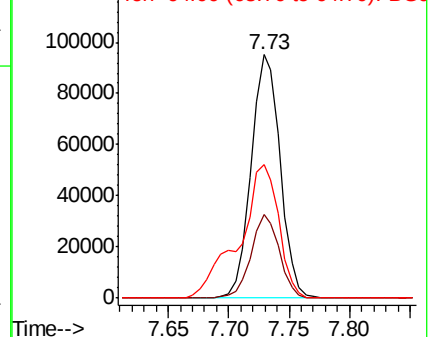
128 100

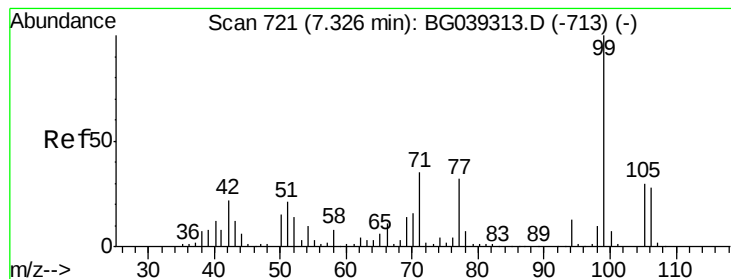
130 34.6 12.9 52.9

64 55.1 38.7 78.7



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: 35.308 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampled :

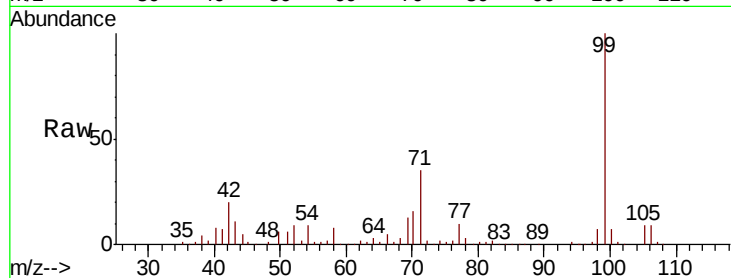
Tot Ion: 77 Resp: 76006

Ion Ratio Lower Upper

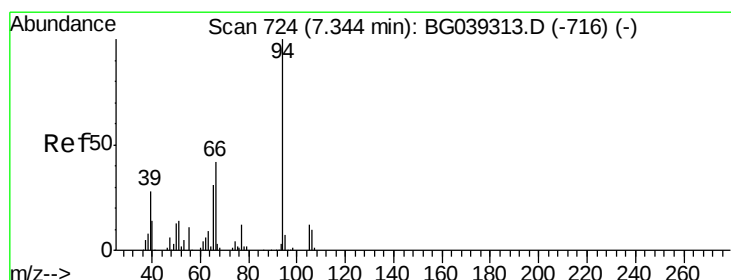
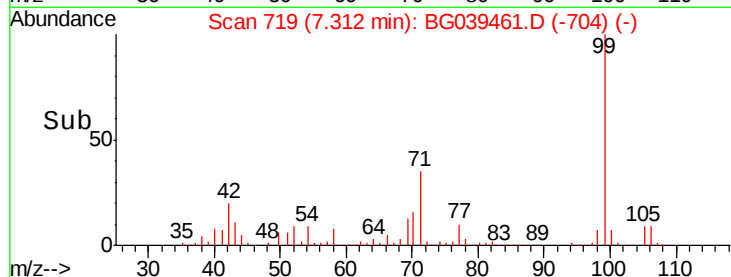
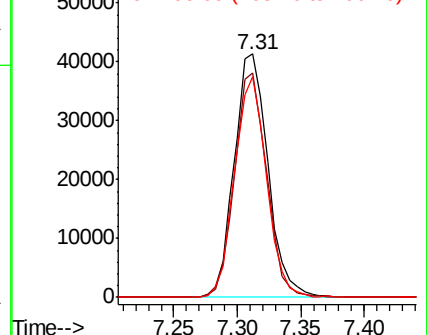
77 100

105 92.4 74.5 114.5

106 90.8 68.0 108.0



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



#10

Phenol

Concen: 51.909 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

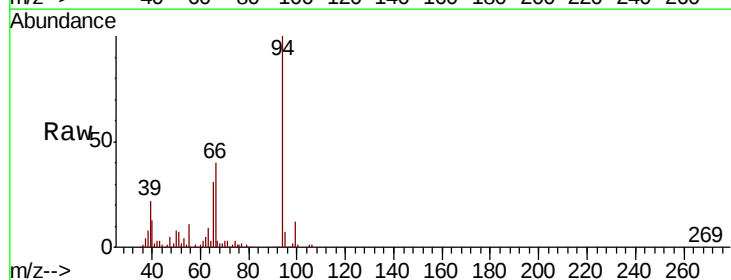
Tgt Ion: 94 Resp: 225519

Ion Ratio Lower Upper

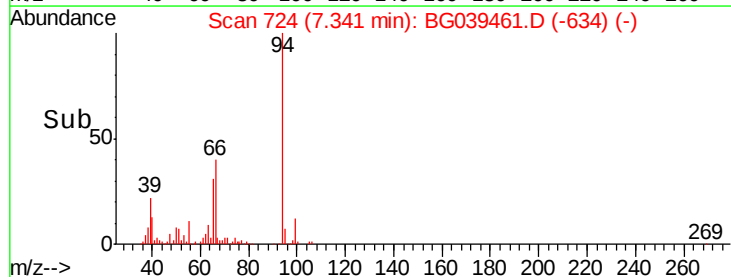
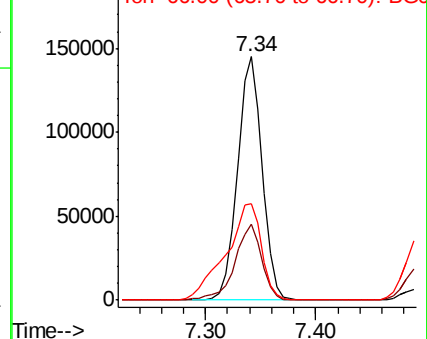
94 100

65 31.1 11.7 51.7

66 39.8 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 41.783 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

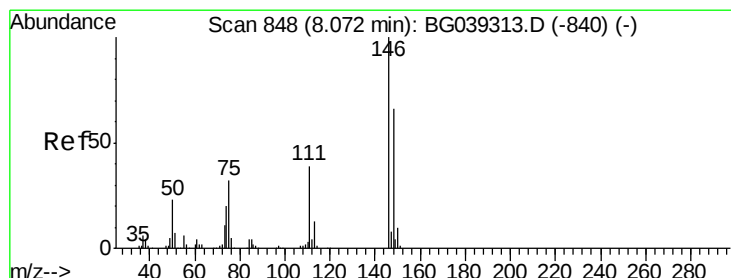
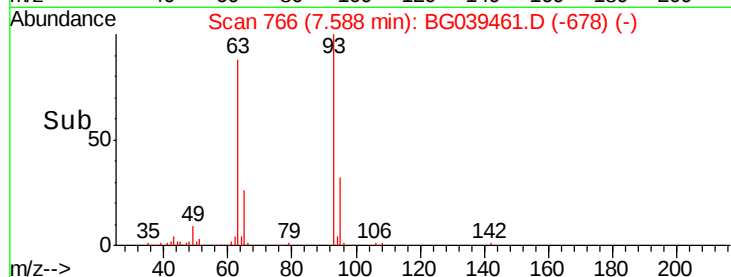
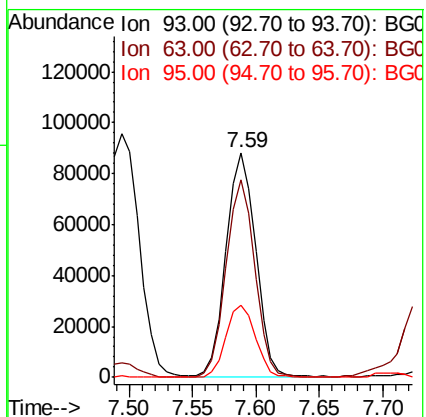
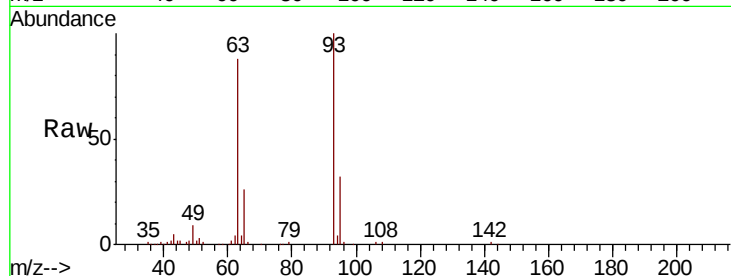
Tot Ion: 93 Resp: 143438

Ion Ratio Lower Upper

93 100

63 88.2 69.5 109.5

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 38.907 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

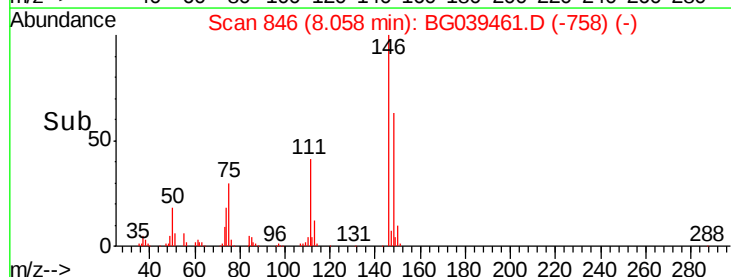
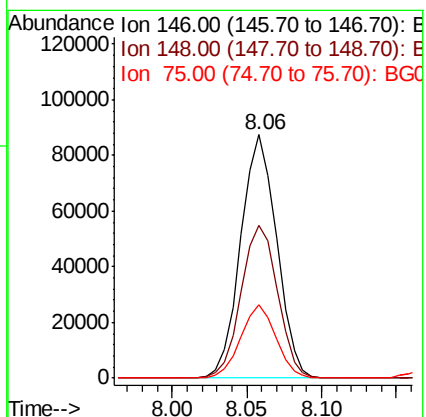
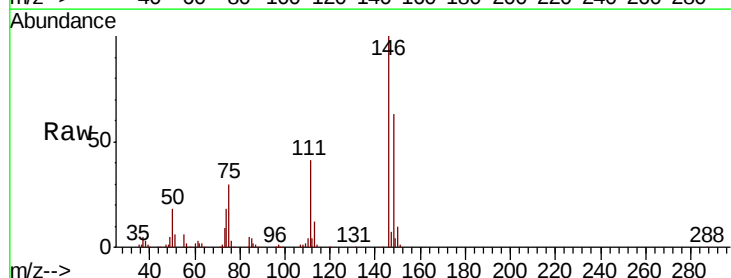
Tgt Ion: 146 Resp: 145875

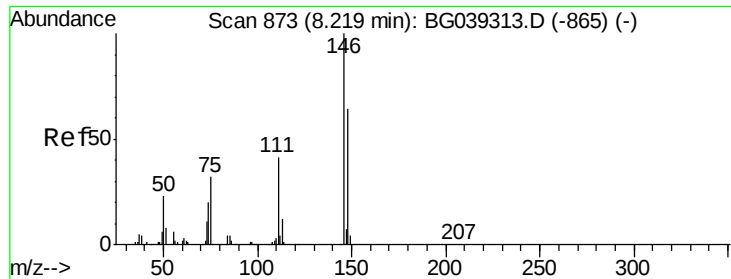
Ion Ratio Lower Upper

146 100

148 62.6 52.6 79.0

75 30.3 25.8 38.6

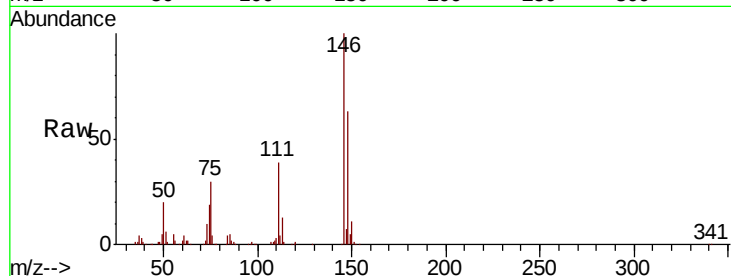




#13
 1,4-Dichlorobenzene
 Concen: 40.133 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	38.6	32.6	48.8

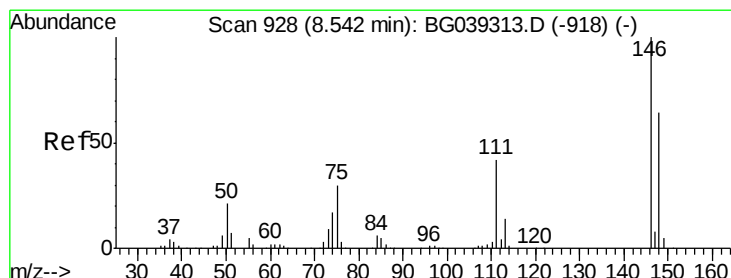
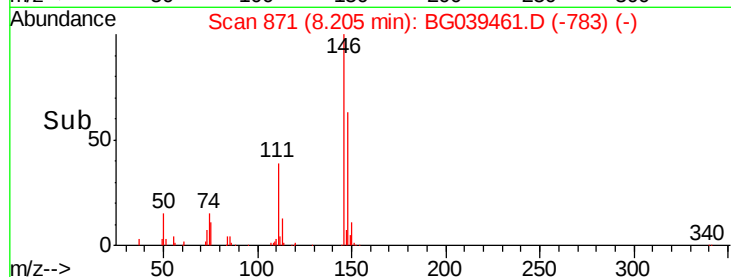
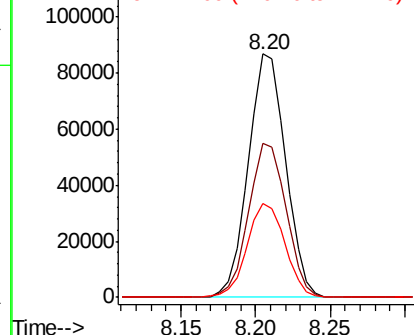


Abundance

Ion 146.00 (145.70 to 146.70): E

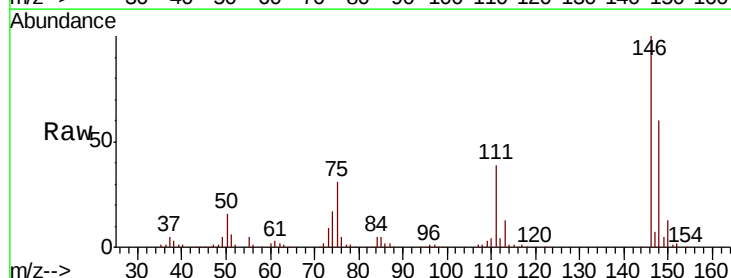
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.472 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	51.5	77.3
111	39.3	33.8	50.6

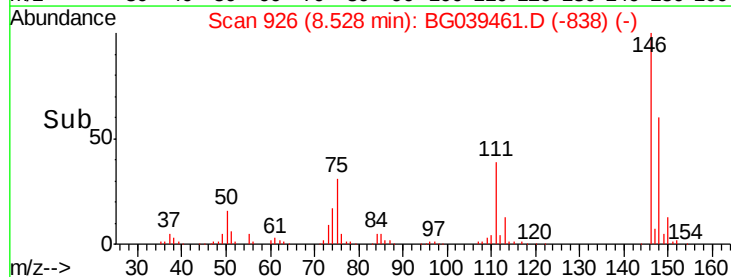
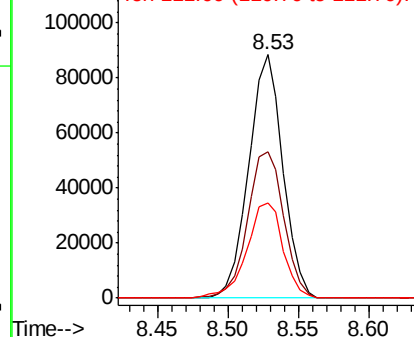


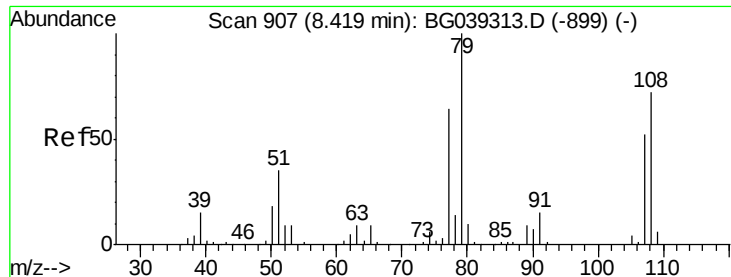
Abundance

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: 49.417 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :

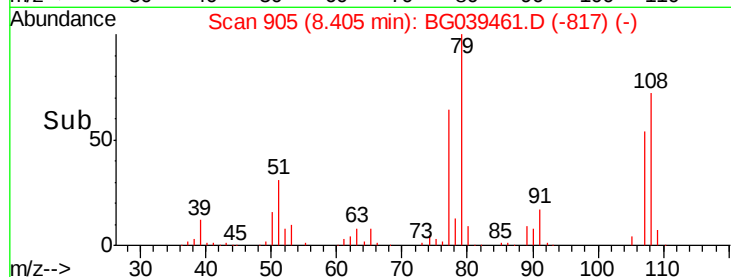
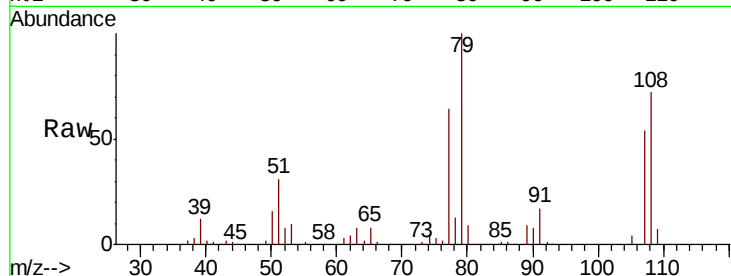
Tot Ion: 79 Resp: 161692

Ion Ratio Lower Upper

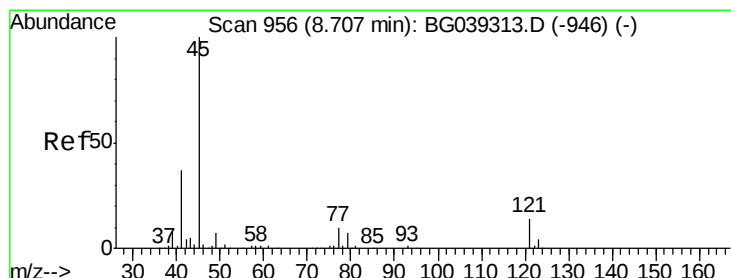
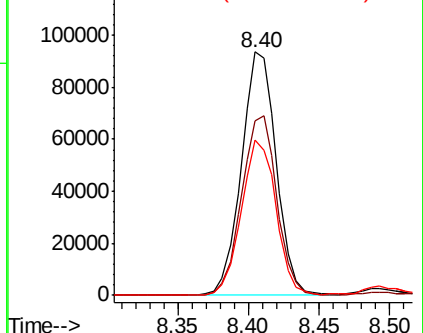
79 100

108 71.9 57.8 86.6

77 63.6 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.931 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

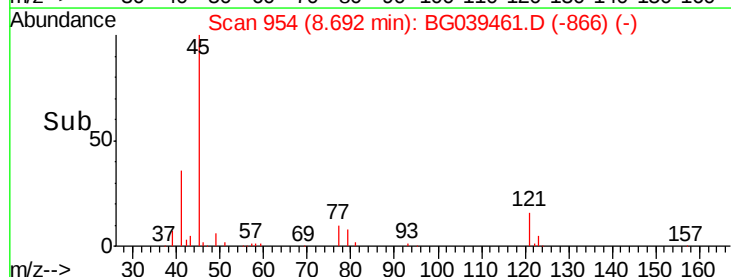
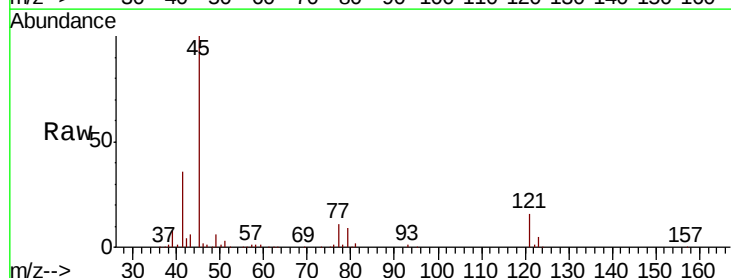
Tgt Ion: 45 Resp: 278551

Ion Ratio Lower Upper

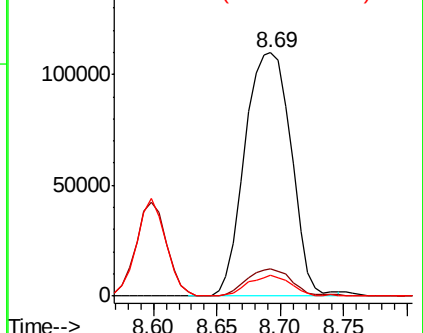
45 100

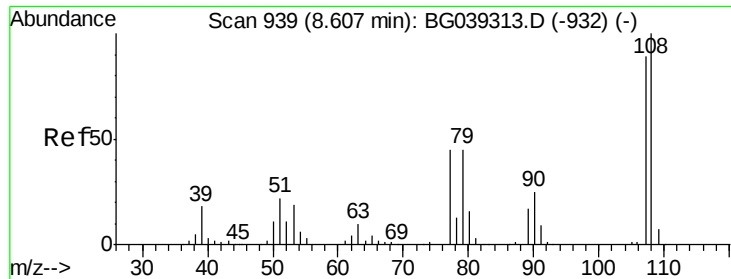
77 11.5 0.0 30.0

79 8.5 0.0 27.5



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





#17

2-Methylphenol

Concen: 54.205 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 152393

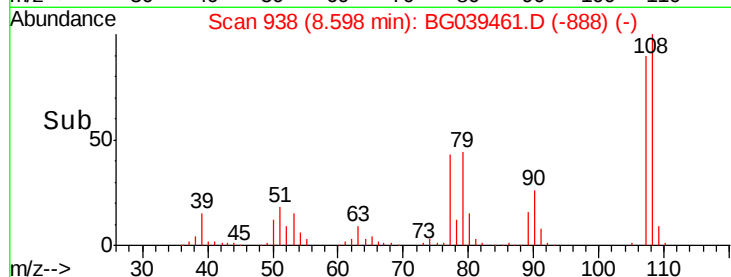
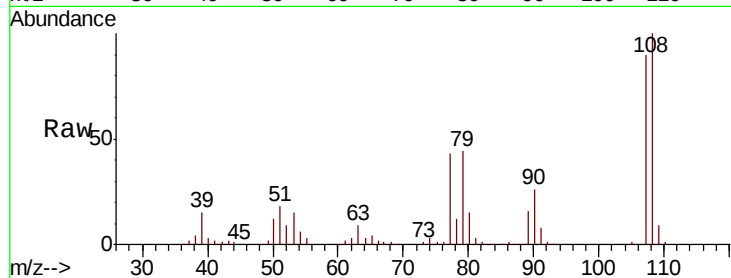
Ion Ratio Lower Upper

107 100

108 111.5 90.8 136.2

77 47.4 40.7 61.1

79 49.0 40.6 60.8



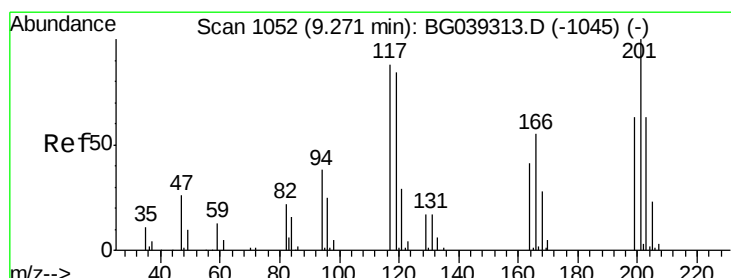
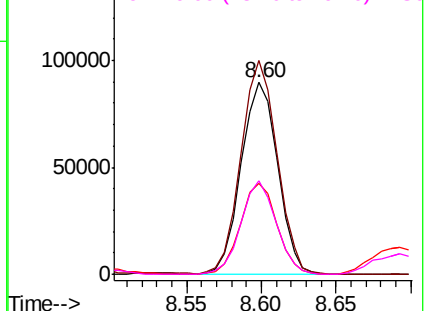
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.655 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

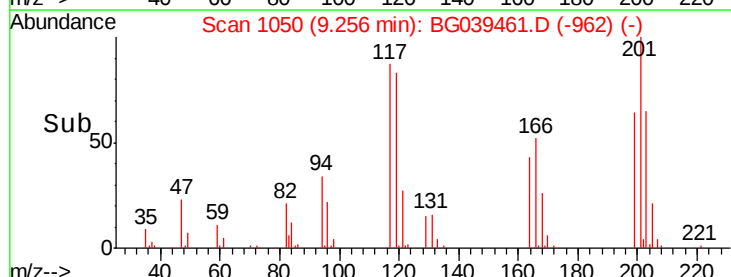
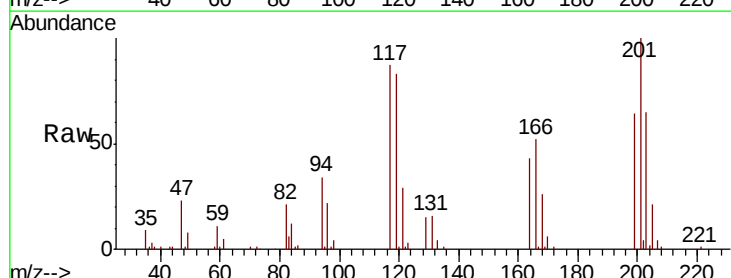
Tgt Ion:117 Resp: 52269

Ion Ratio Lower Upper

117 100

119 96.0 76.3 114.5

201 115.1 91.1 136.7

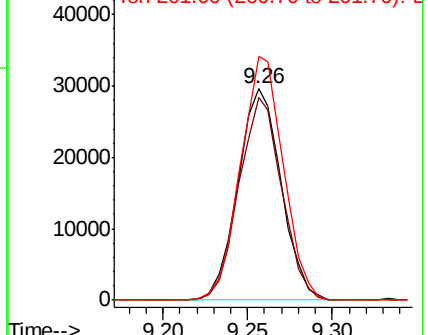


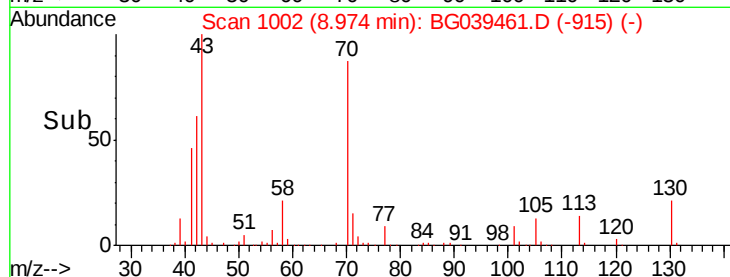
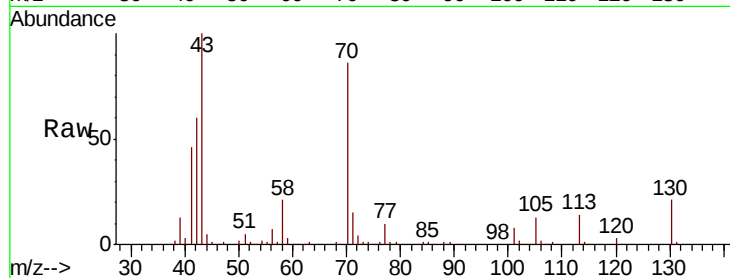
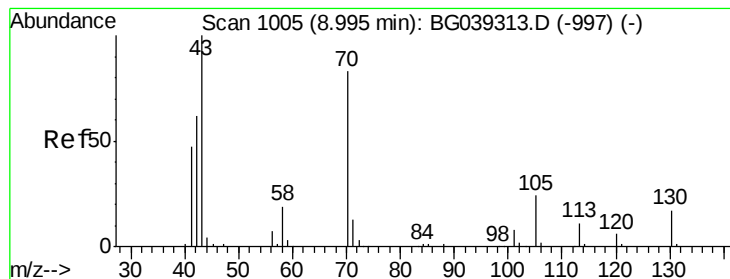
Abundance

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: 44.175 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 130673

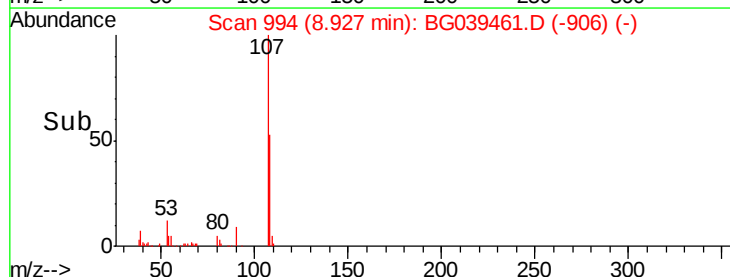
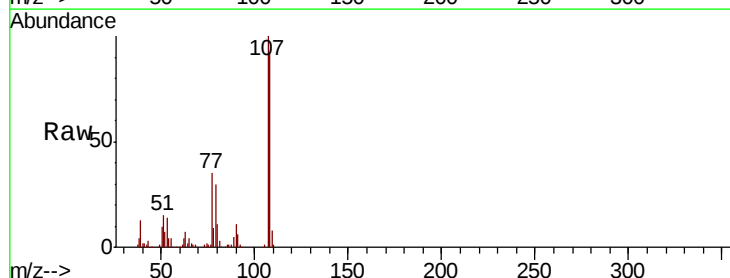
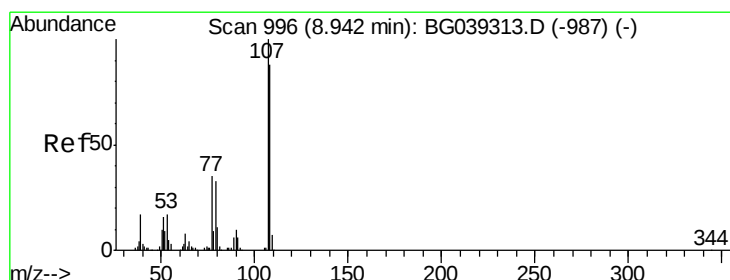
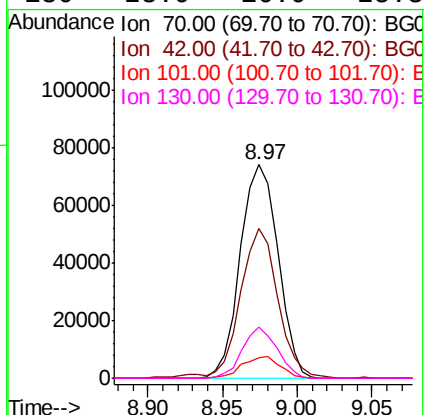
Ion Ratio Lower Upper

70 100

42 69.9 60.4 90.6

101 9.9 7.5 11.3

130 23.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 54.421 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion: 107 Resp: 210693

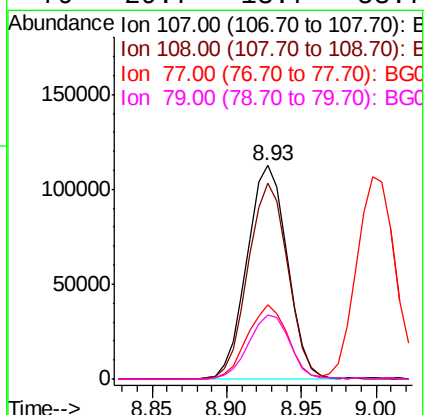
Ion Ratio Lower Upper

107 100

108 91.9 67.9 107.9

77 34.8 15.4 55.4

79 29.7 13.7 53.7

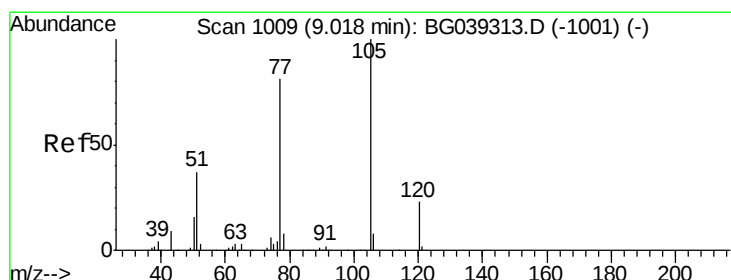
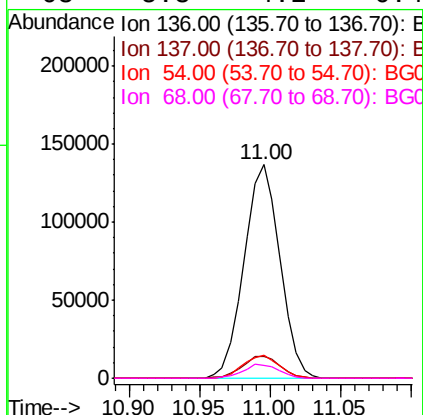
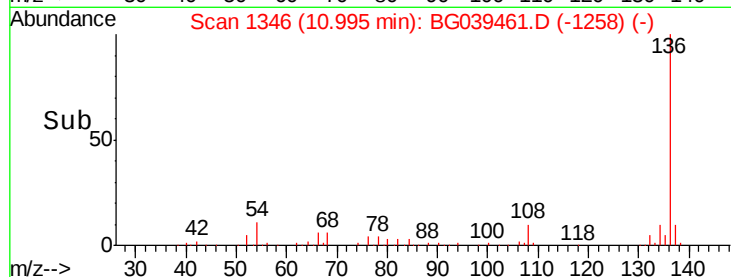
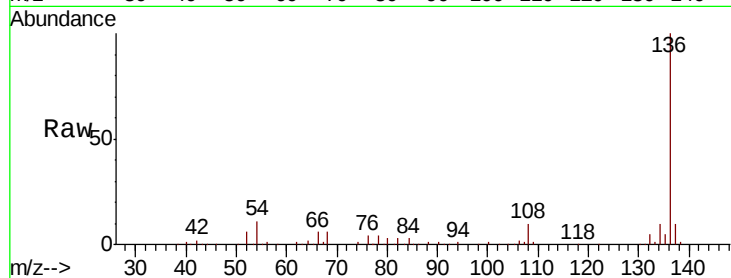




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

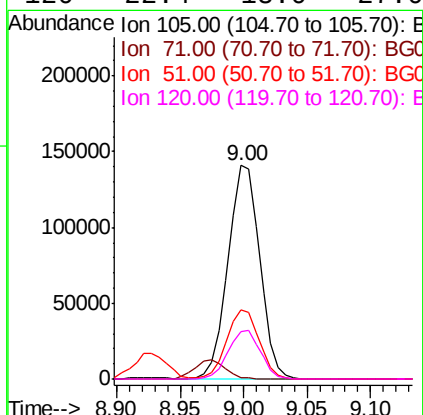
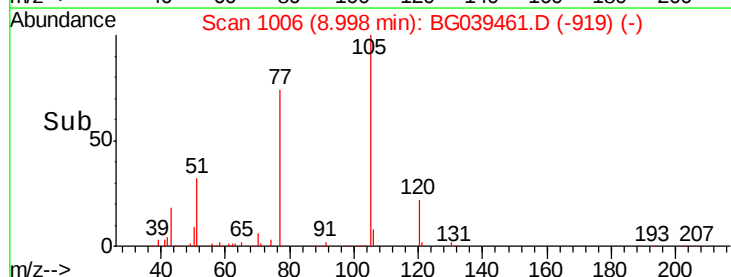
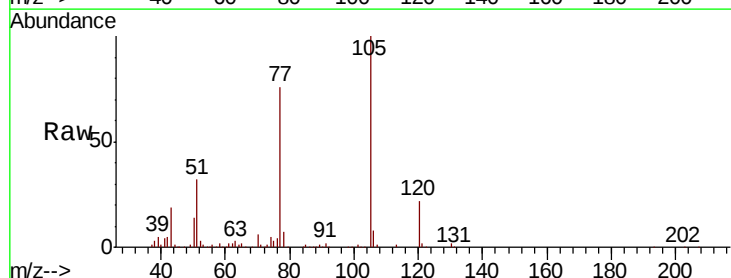
Instrument :
BNA_G
ClientSampleId :

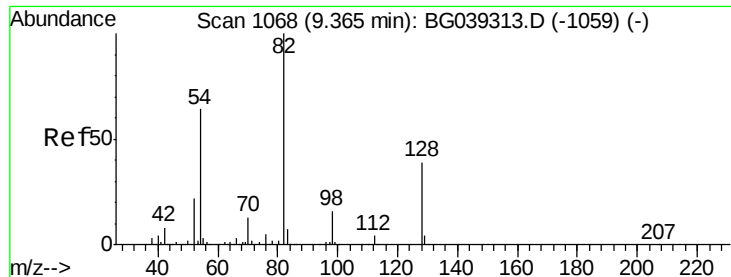
Tot Ion:136	Resp:	243822
Ion	Ratio	Lower Upper
136	100	
137	10.1	9.1 13.7
54	10.5	9.4 14.2
68	5.8	4.2 6.4



#22
Acetophenone
Concen: 37.221 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:105	Resp:	243778
Ion	Ratio	Lower Upper
105	100	
71	0.8	0.8 1.2#
51	32.5	30.2 45.2
120	22.4	18.0 27.0

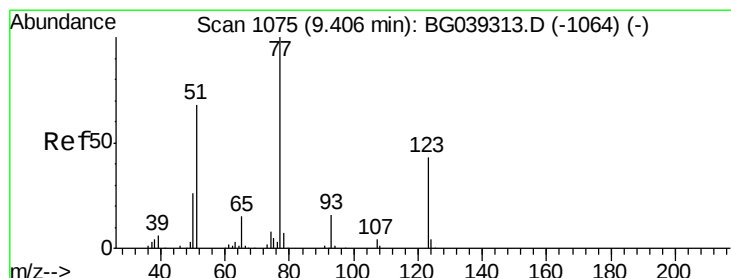
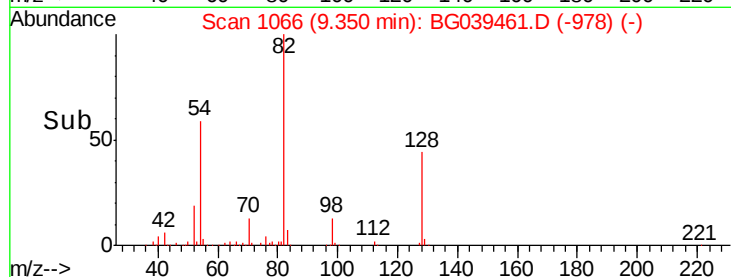
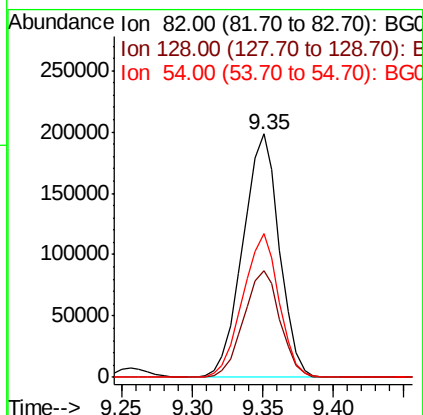
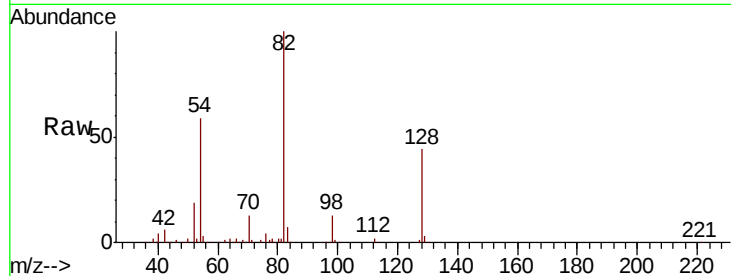




#23
 Nitrobenzene-d5
 Concen: 92.033 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

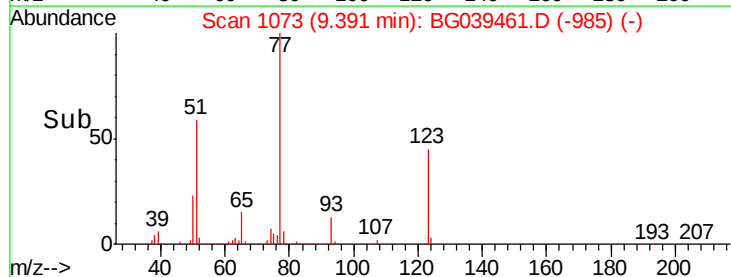
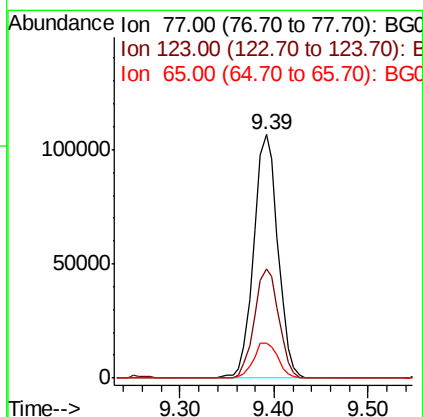
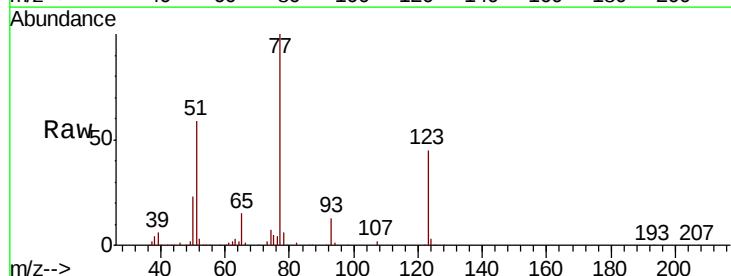
Instrument :
 BNA_G
 ClientSampled :

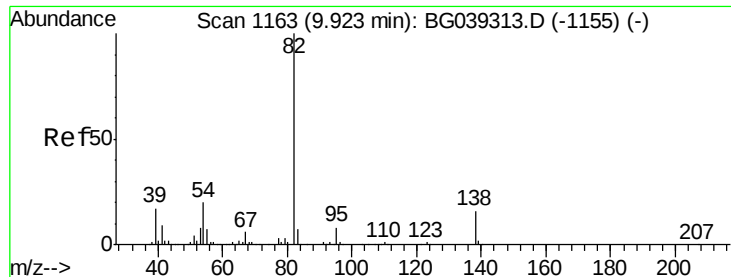
Tot Ion	82	Resp	359198
Ion Ratio	Lower	Upper	
82	100		
128	43.6	31.3	46.9
54	59.0	50.9	76.3



#24
 Nitrobenzene
 Concen: 44.882 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	77	Resp	189244
Ion Ratio	Lower	Upper	
77	100		
123	45.0	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 44.647 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

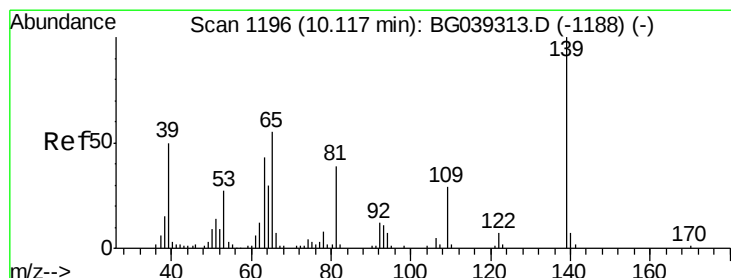
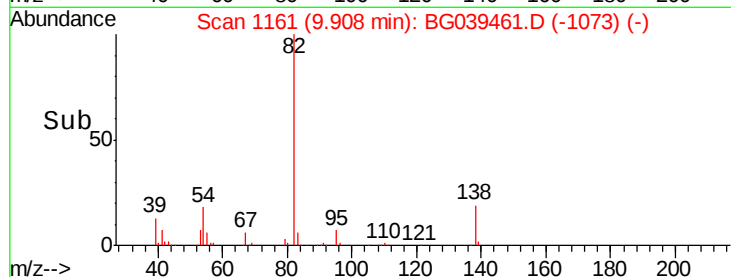
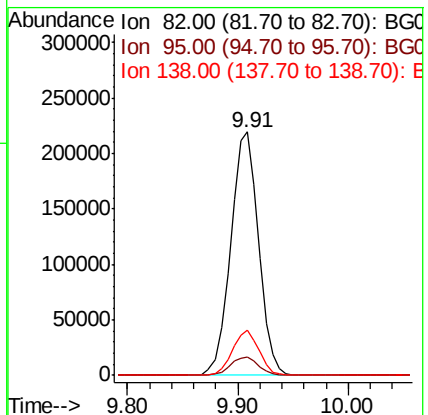
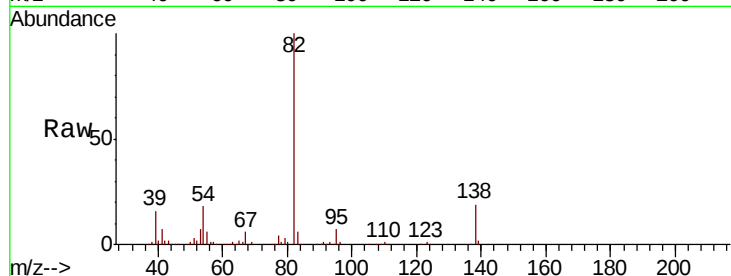
Tot Ion: 82 Resp: 386147

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

138 18.6 13.0 19.4



#26

2-Nitrophenol

Concen: 55.213 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

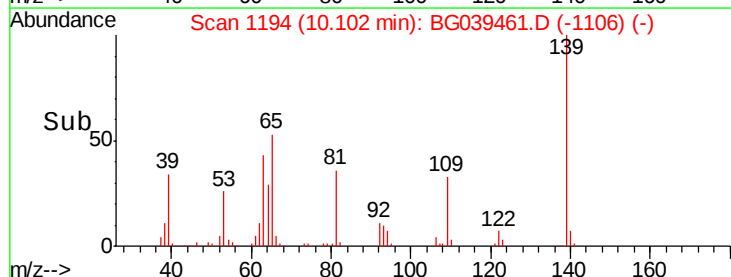
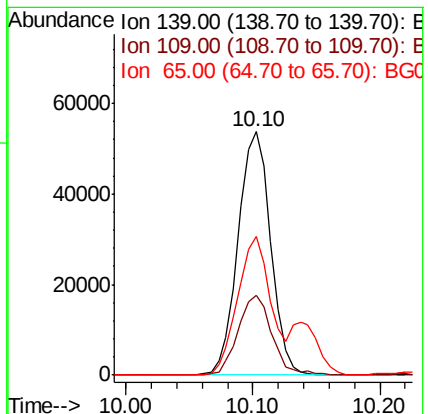
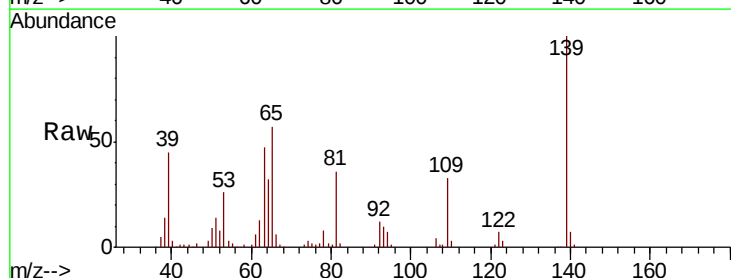
Tgt Ion: 139 Resp: 95664

Ion Ratio Lower Upper

139 100

109 32.9 23.4 35.0

65 57.0 44.3 66.5

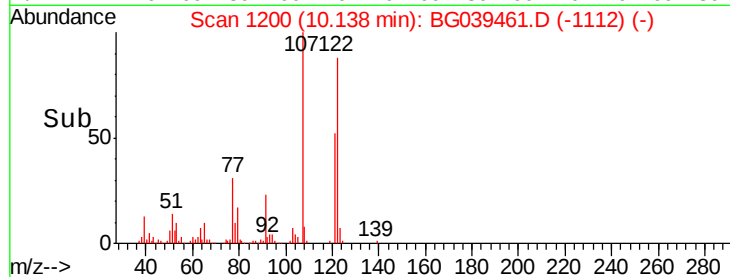
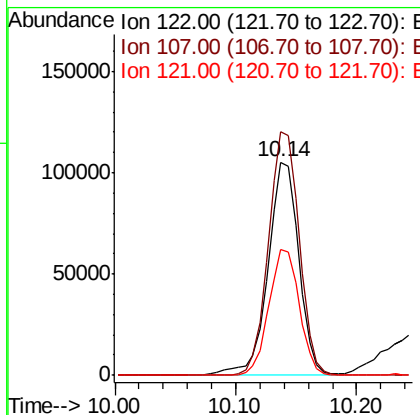
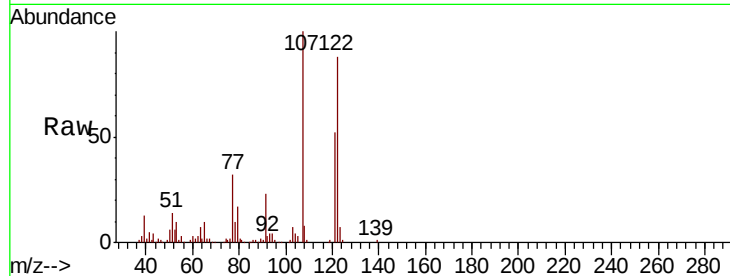




#27
 2,4-Dimethylphenol
 Concen: 52.684 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

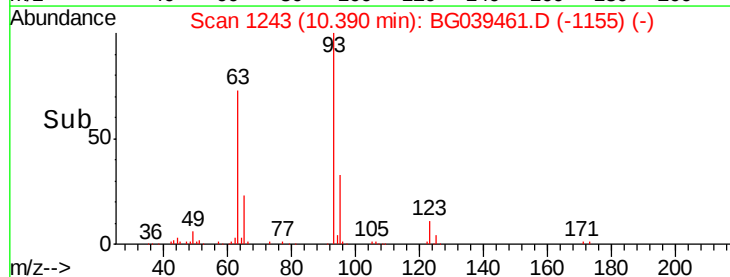
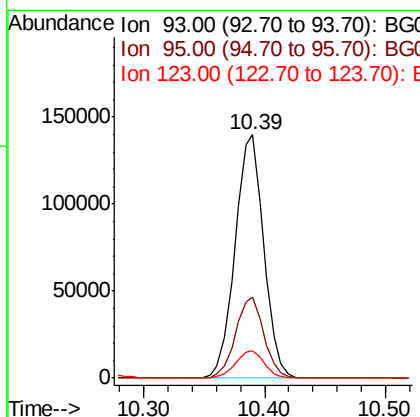
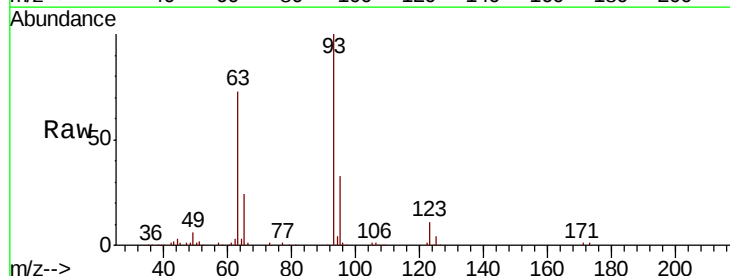
Instrument :
 BNA_G
 ClientSampleId :

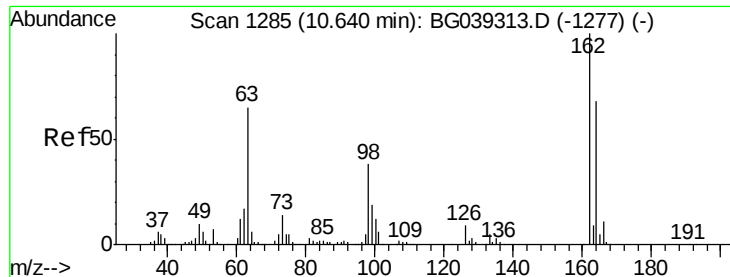
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	91.7	137.5
121	59.1	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.409 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.0	37.4
123	11.3	8.6	12.8

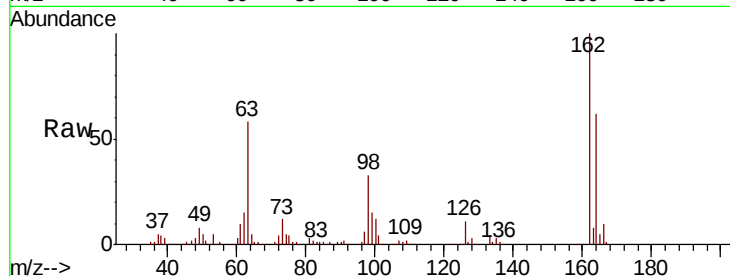




#29
 2,4-Dichlorophenol
 Concen: 51.756 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	48.1	88.1
98	33.4	18.1	58.1

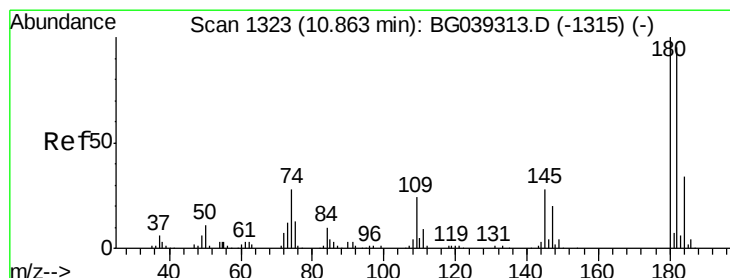
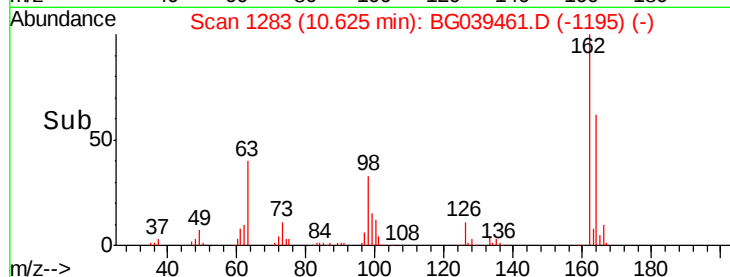
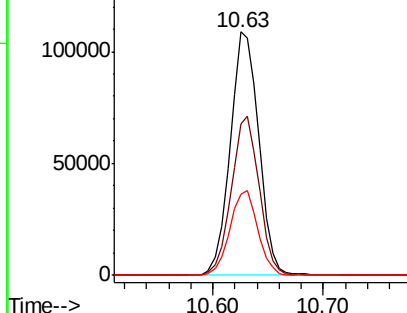


Abundance

Ion 162.00 (161.70 to 162.70): E

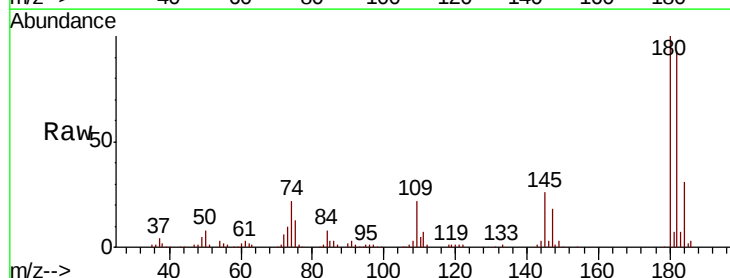
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.752 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.0	114.0
145	26.5	22.7	34.1

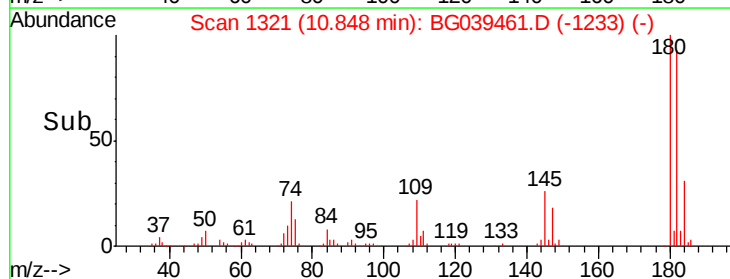
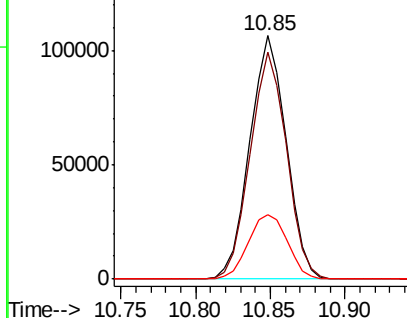


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

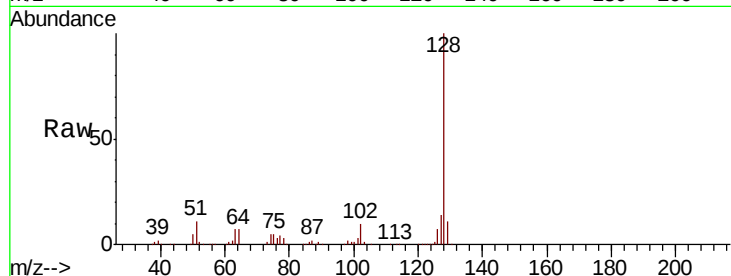




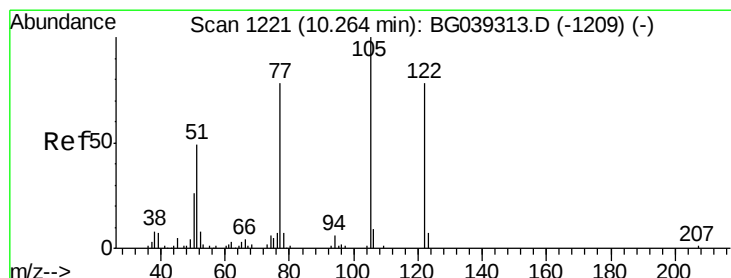
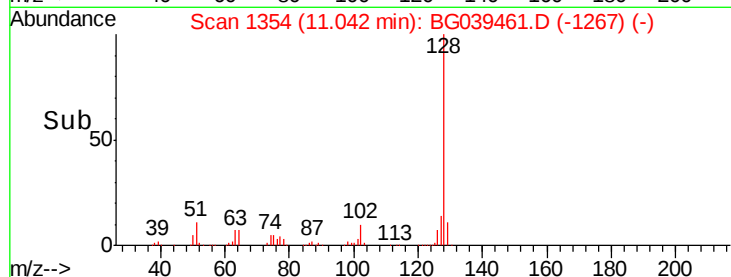
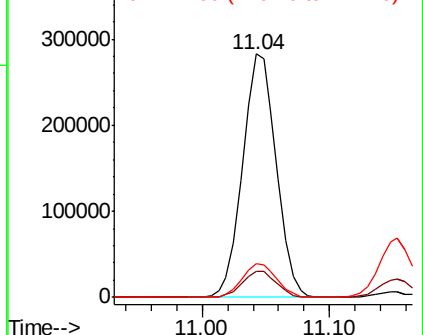
#31
Naphthalene
Concen: 42.894 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 518841
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 14.0 10.8 16.2

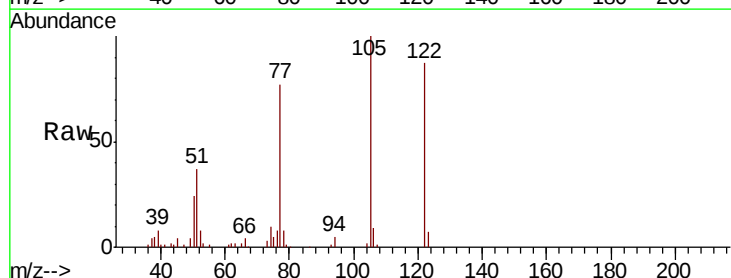


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

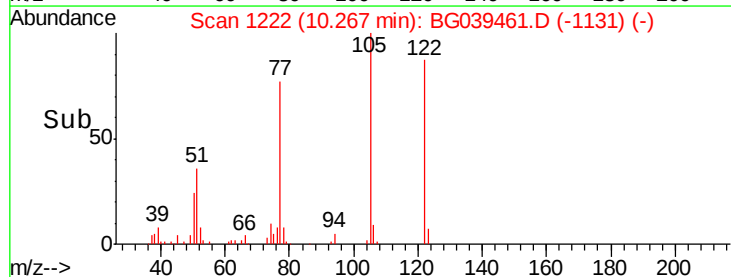
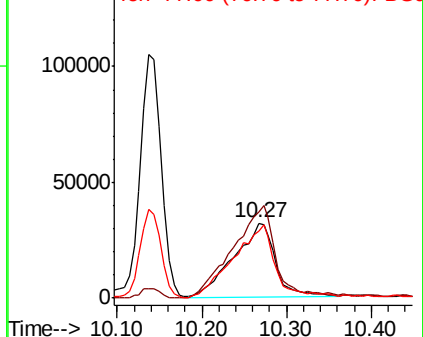


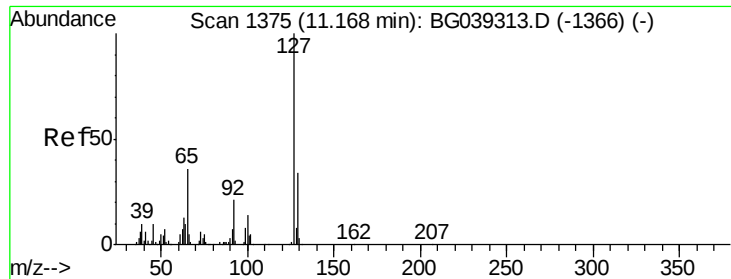
#32
Benzoic acid
Concen: 47.778 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:122 Resp: 109342
Ion Ratio Lower Upper
122 100
105 114.3 101.8 141.8
77 88.3 76.3 116.3



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

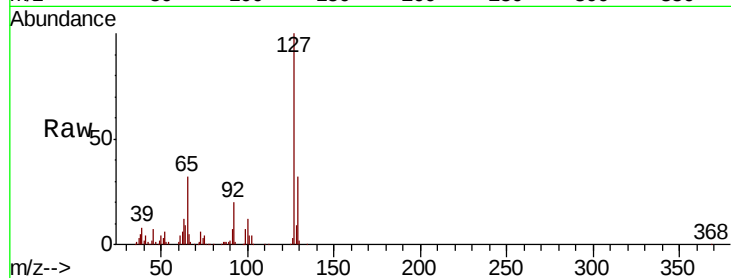




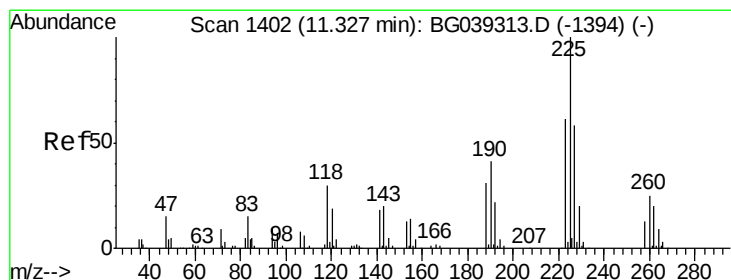
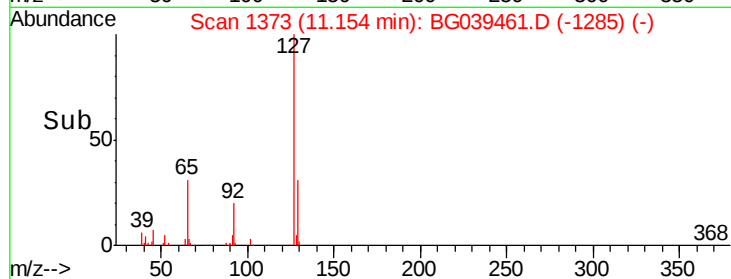
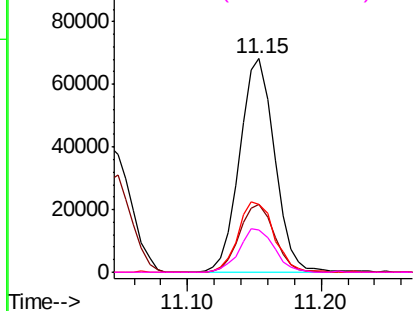
#33
4-Chloroaniline
Concen: 22.100 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	123945
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.0	40.4
65	31.7	28.8	43.2
92	19.8	16.6	25.0

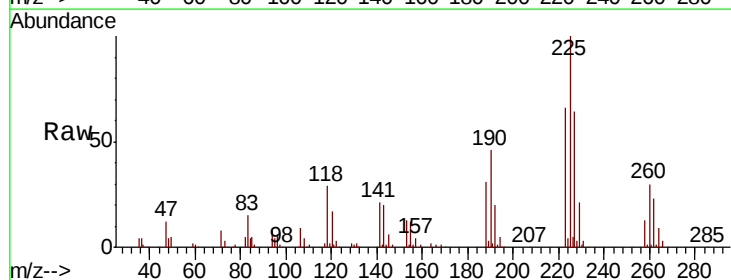


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

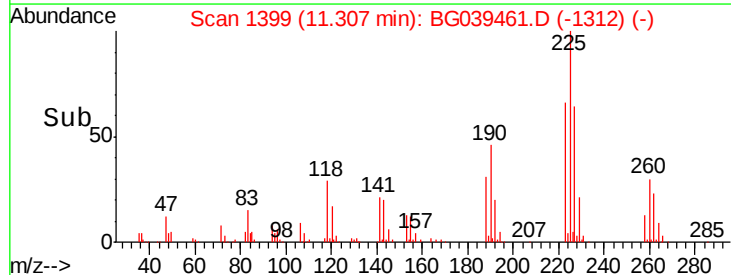
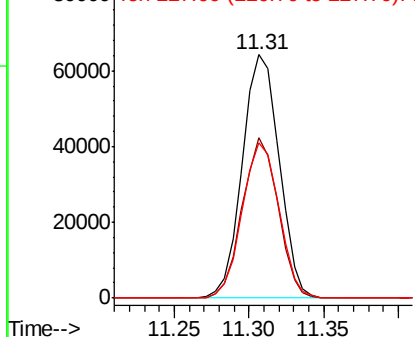


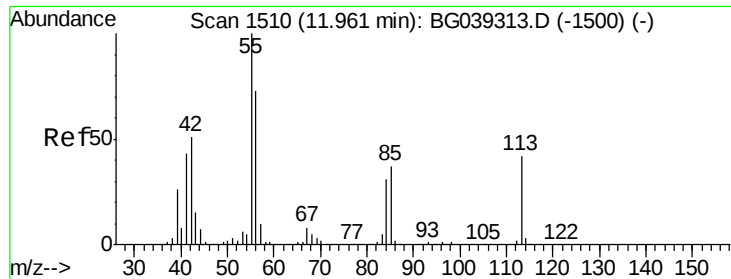
#34
Hexachlorobutadiene
Concen: 38.469 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:	225	Resp:	109828
Ion	Ratio	Lower	Upper
225	100		
223	65.9	49.0	73.6
227	63.6	46.3	69.5



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: 29.299 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampled :

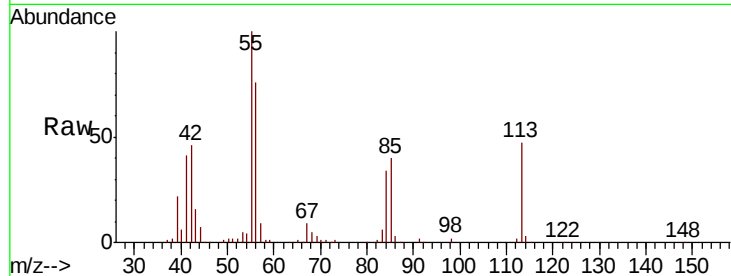
Tot Ion:113 Resp: 46360

Ion Ratio Lower Upper

113 100

55 210.9 216.9 256.9#

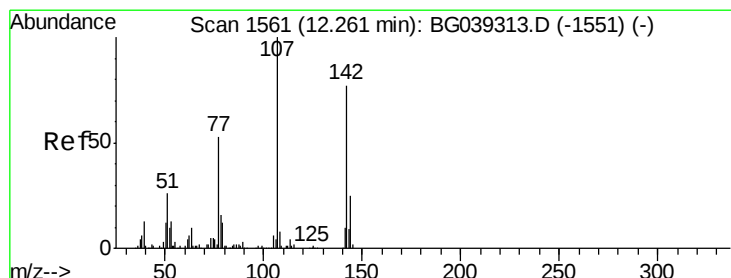
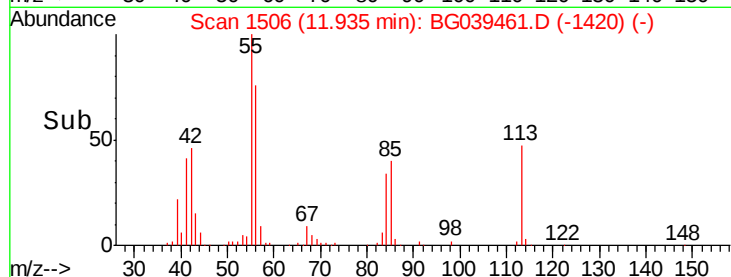
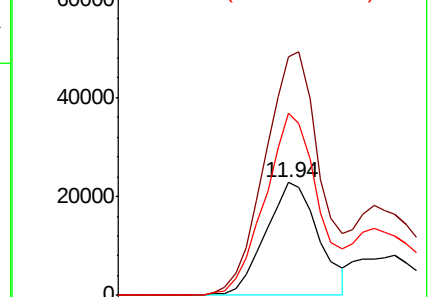
56 161.0 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.576 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

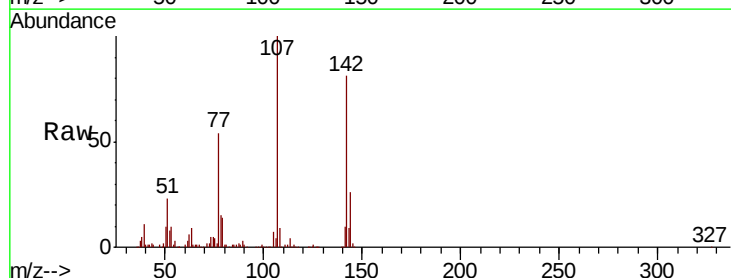
Tgt Ion:107 Resp: 219238

Ion Ratio Lower Upper

107 100

144 25.5 20.2 30.2

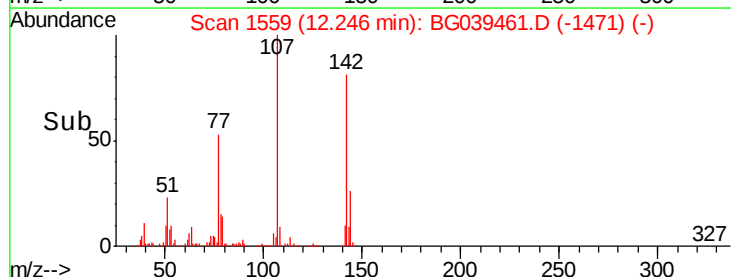
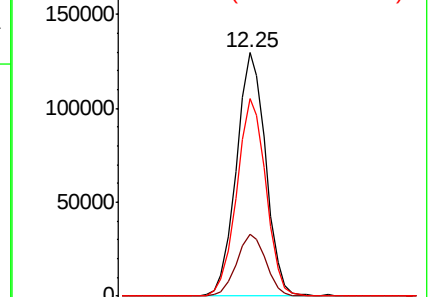
142 81.1 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

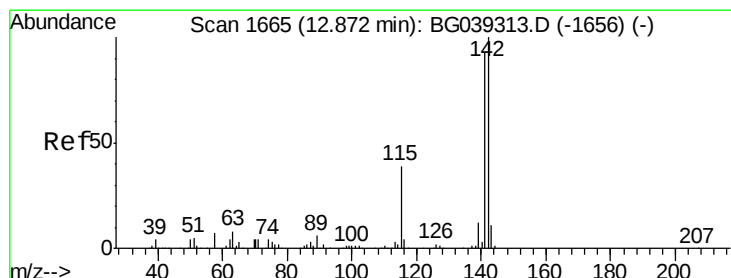
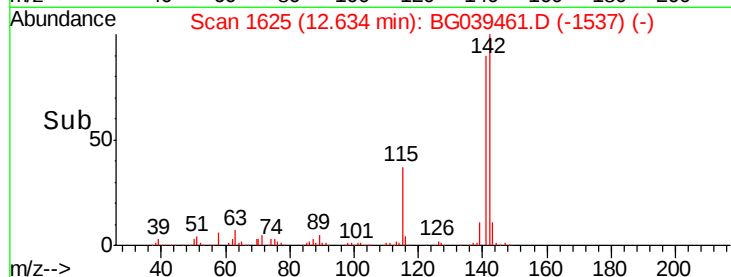
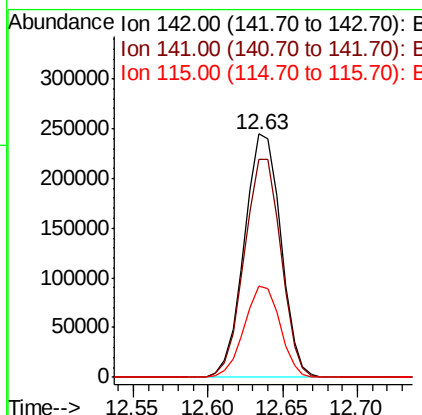
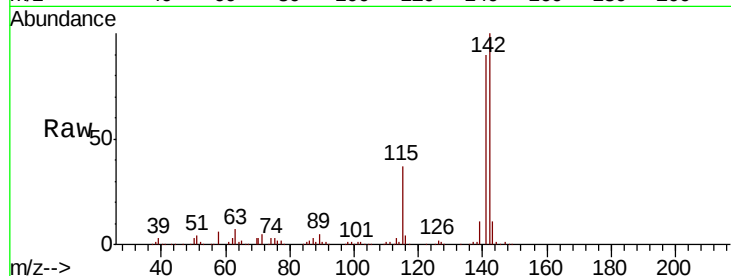




#37
2-Methylnaphthalene
Concen: 46.282 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

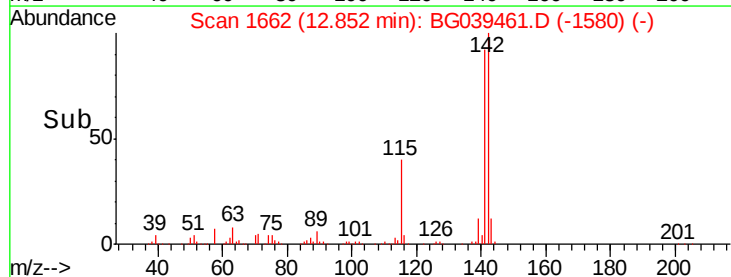
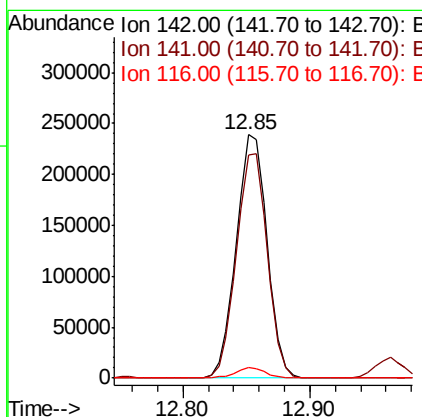
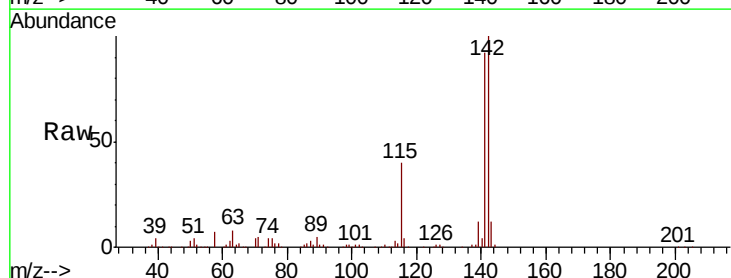
Instrument :
BNA_G
ClientSampleId :

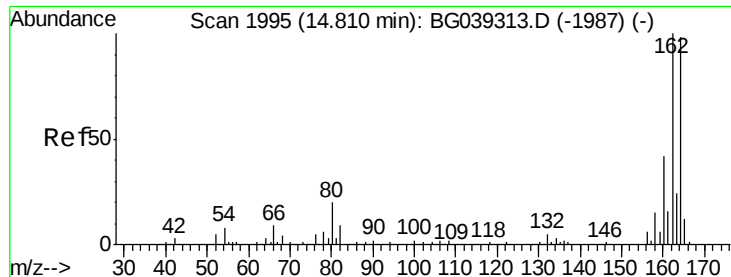
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.5	110.3
115	37.3	30.8	46.2



#38
1-Methylnaphthalene
Concen: 46.593 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

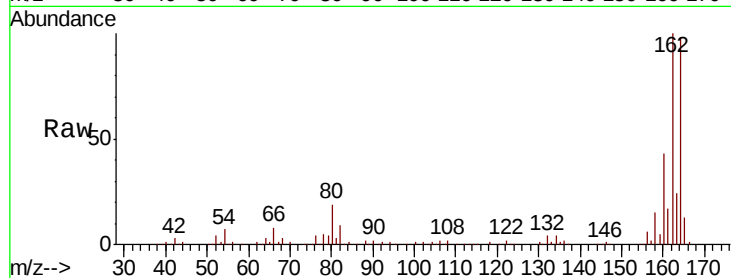
Tot Ion:164 Resp: 185803

Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

160 43.7 34.2 51.2

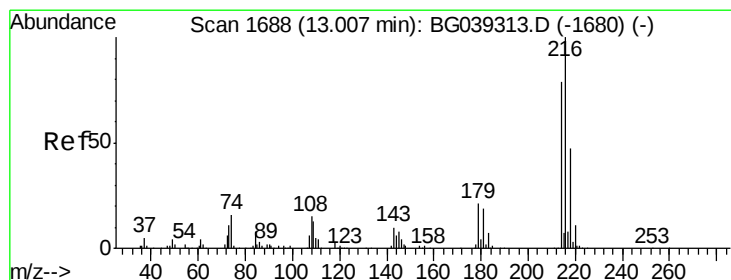
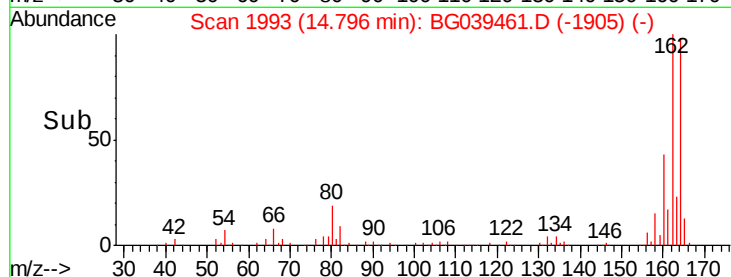
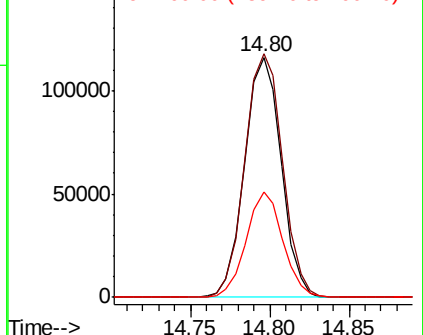


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.299 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:216 Resp: 232326

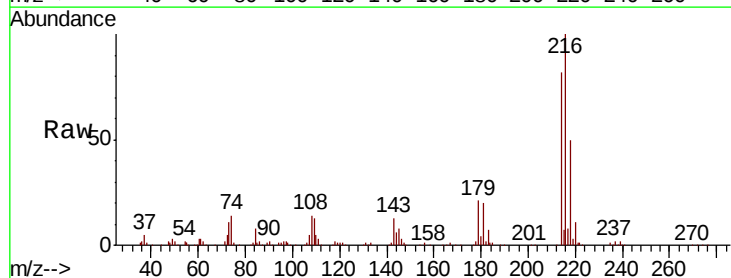
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 20.0 16.6 25.0

108 17.7 14.0 21.0



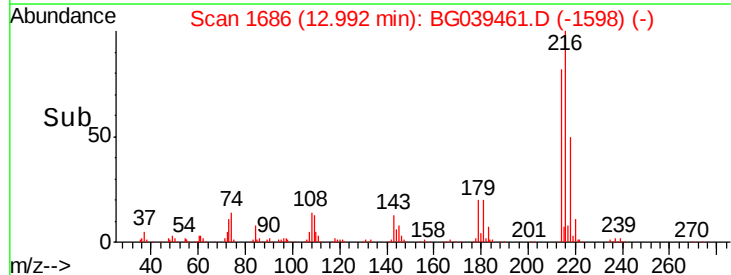
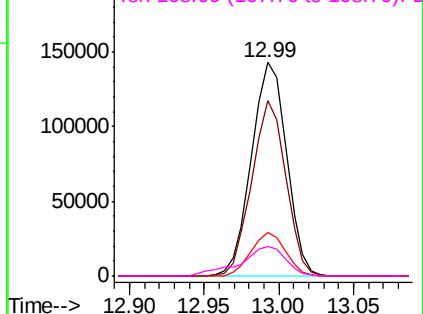
Abundance

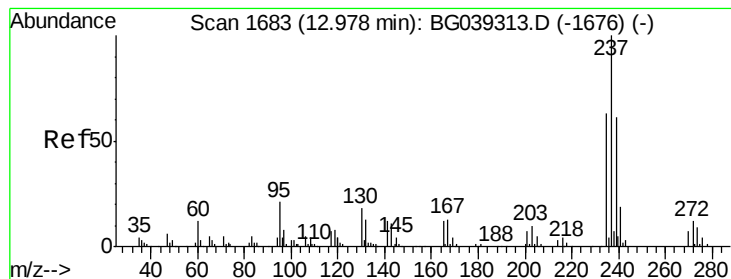
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.987 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampled :

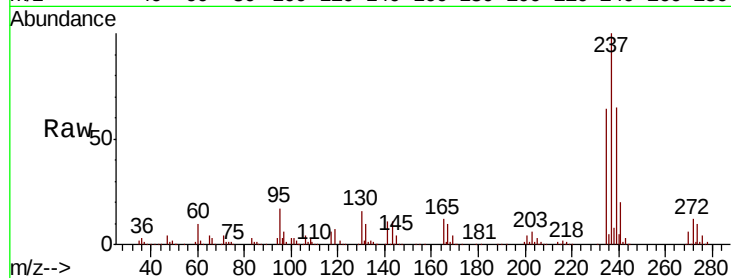
Tot Ion:237 Resp: 283441

Ion Ratio Lower Upper

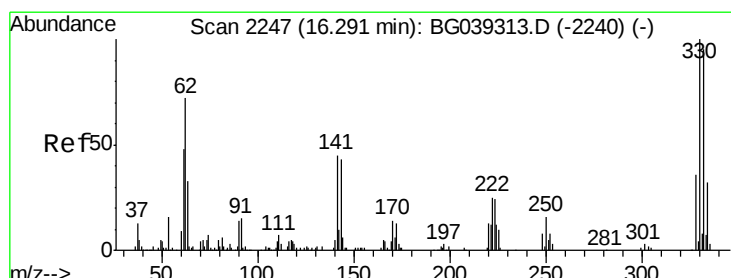
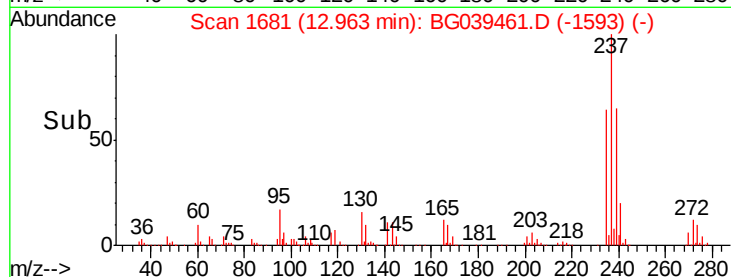
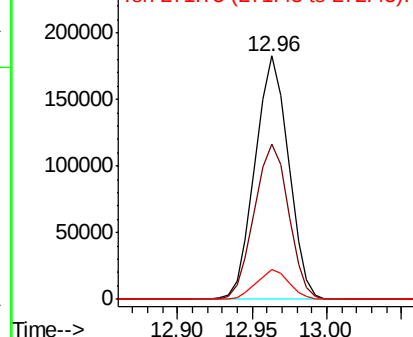
237 100

235 63.9 43.3 83.3

272 12.2 0.0 32.3



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: 164.498 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

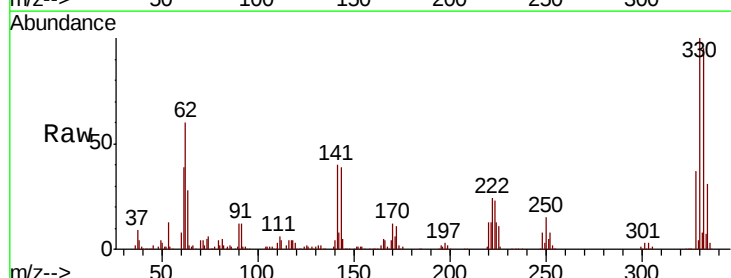
Tgt Ion:330 Resp: 329125

Ion Ratio Lower Upper

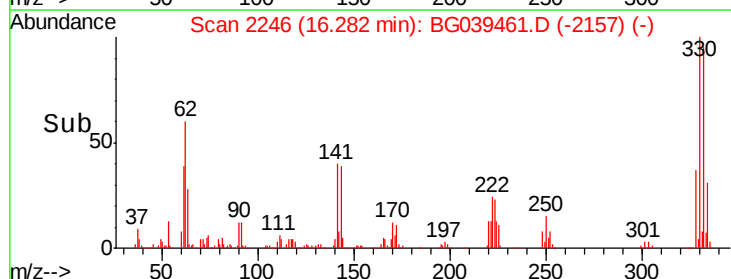
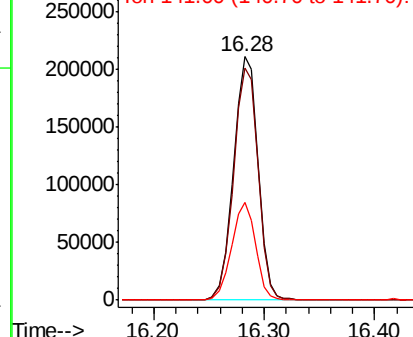
330 100

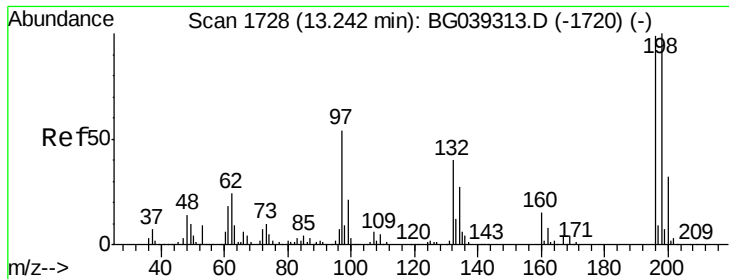
332 95.8 75.7 113.5

141 39.3 35.6 53.4



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

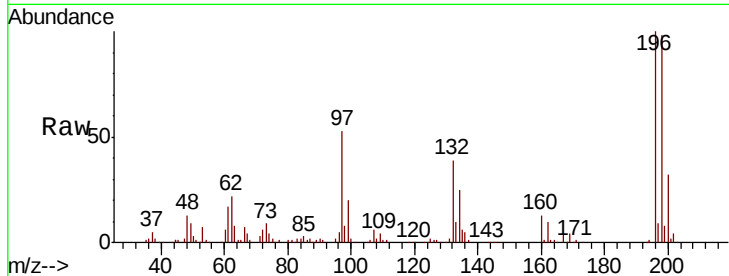




#43
 2,4,6-Trichlorophenol
 Concen: 46.186 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	167880
Ion Ratio	Lower	Upper	
196	100		
198	98.5	80.6	121.0
200	31.8	26.1	39.1

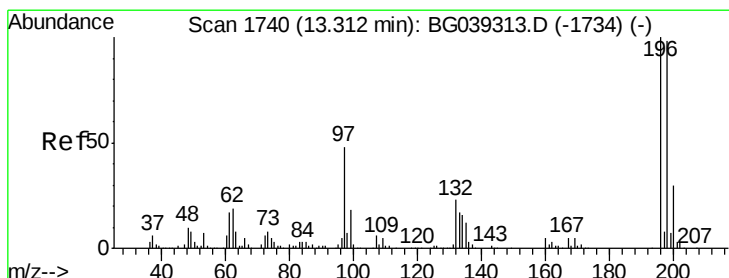
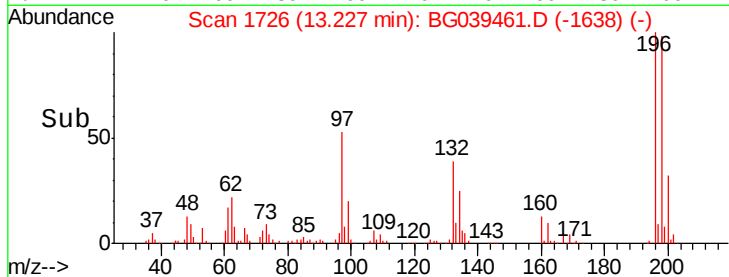
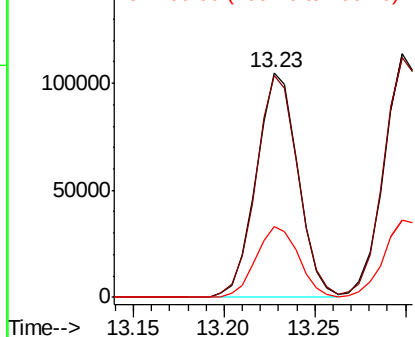


Abundance

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: 48.052 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	196	Resp	183060
Ion Ratio	Lower	Upper	
196	100		
198	98.5	78.5	117.7
97	48.3	38.4	57.6
132	24.6	19.2	28.8

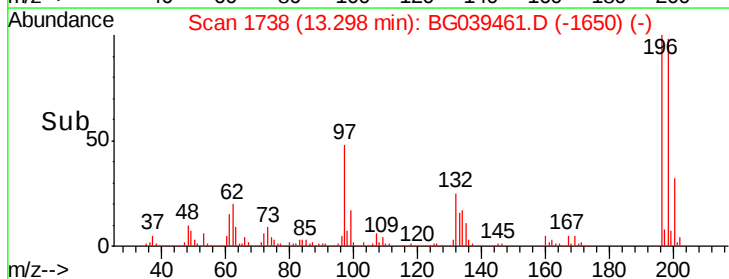
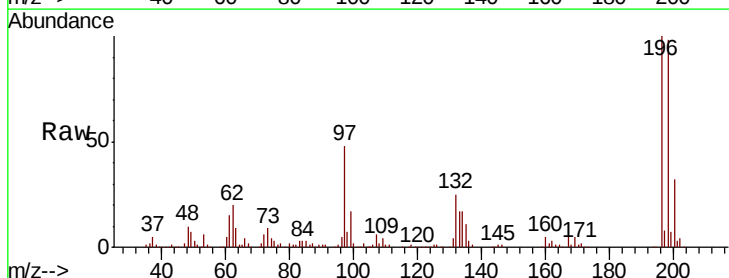
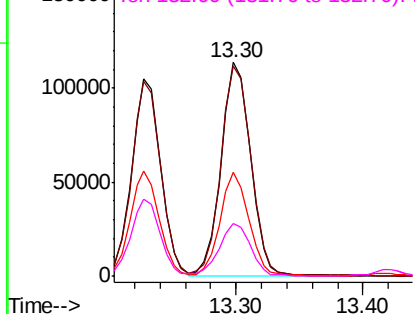
Abundance

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

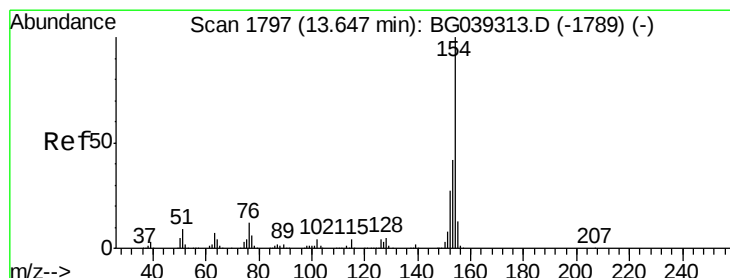
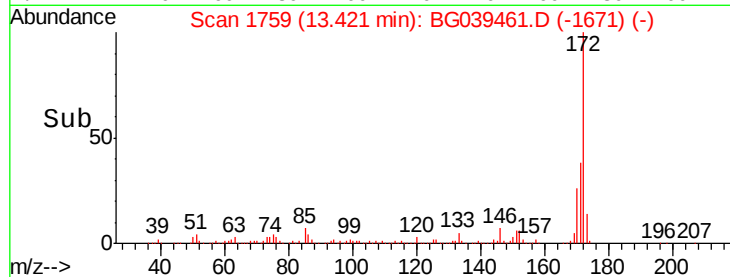
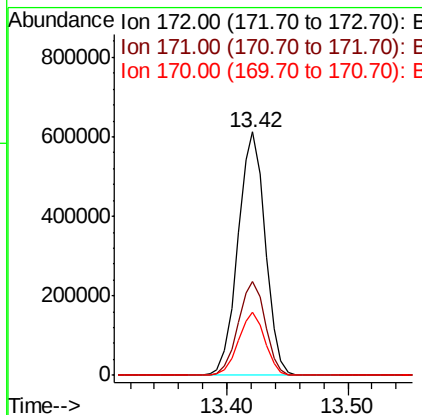
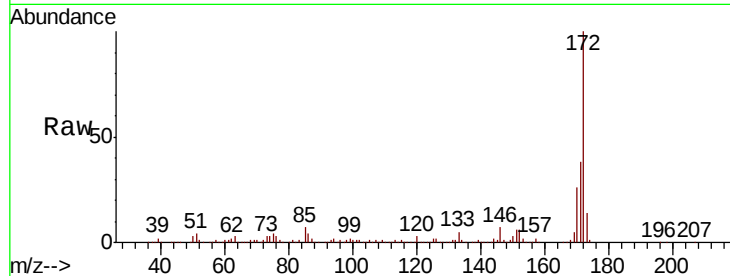




#45
 2-Fluorobiphenyl
 Concen: 74.214 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

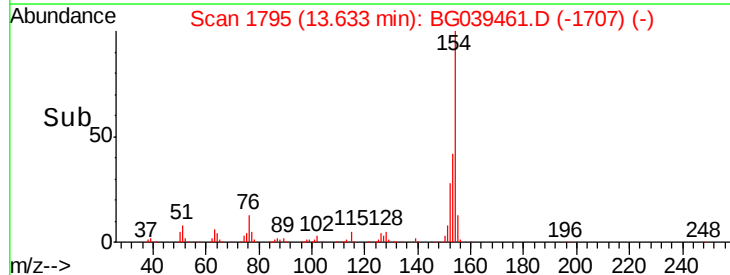
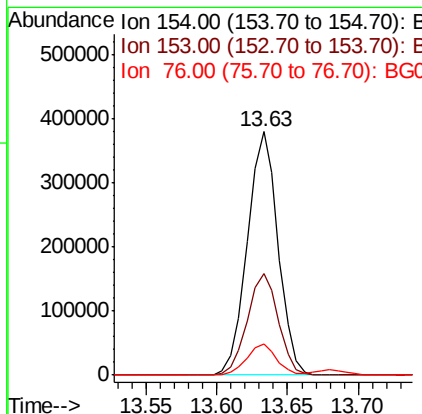
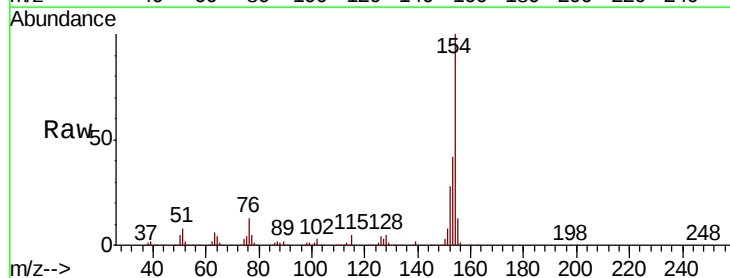
Instrument :
 BNA_G
 ClientSampleId :

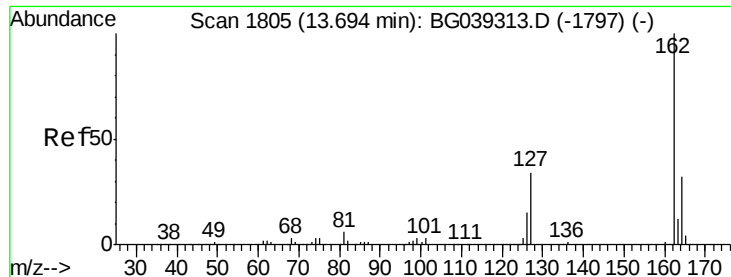
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	26.1	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 37.380 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	12.8	0.0	32.4

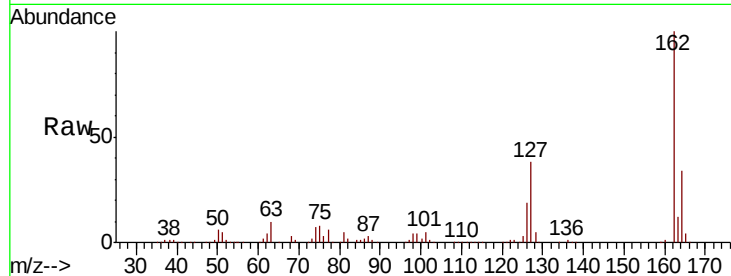




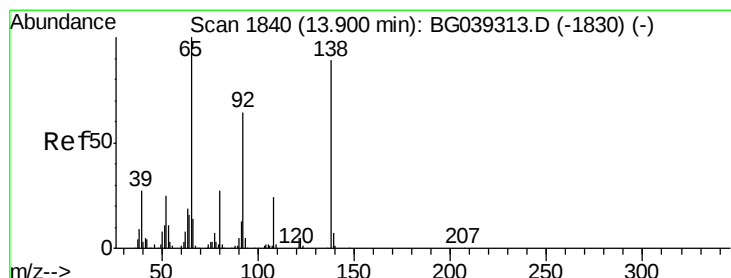
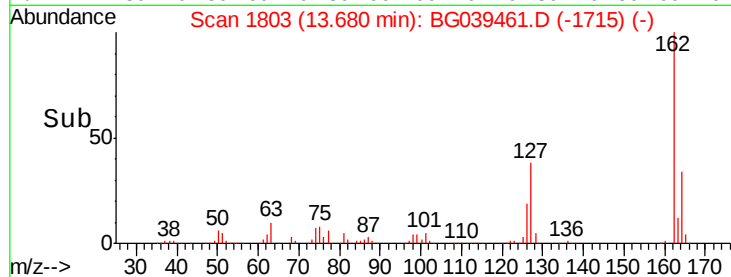
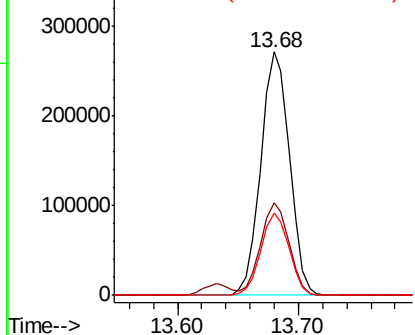
#47
 2-Chloronaphthalene
 Concen: 38.299 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 445406
 Ion Ratio Lower Upper
 162 100
 127 38.3 31.0 46.6
 164 33.6 25.7 38.5

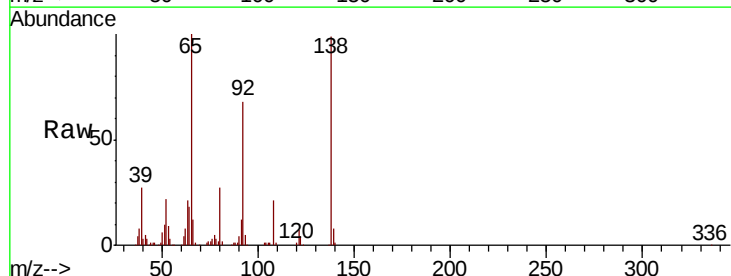


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

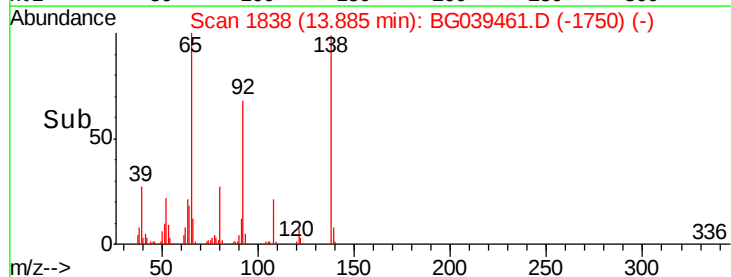
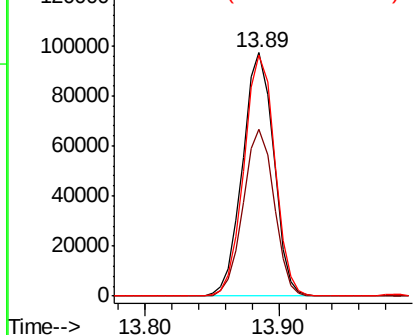


#48
 2-Nitroaniline
 Concen: 47.116 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion: 65 Resp: 156786
 Ion Ratio Lower Upper
 65 100
 92 68.3 51.4 77.2
 138 98.9 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.996 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

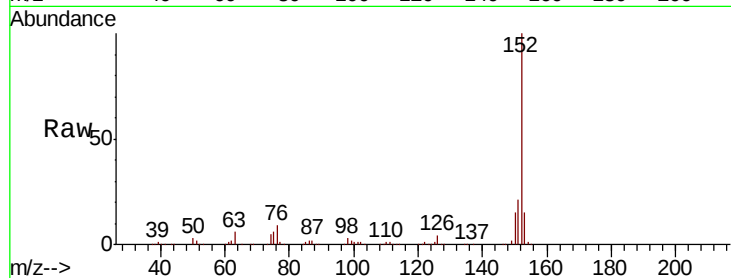
Tot Ion:152 Resp: 736962

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

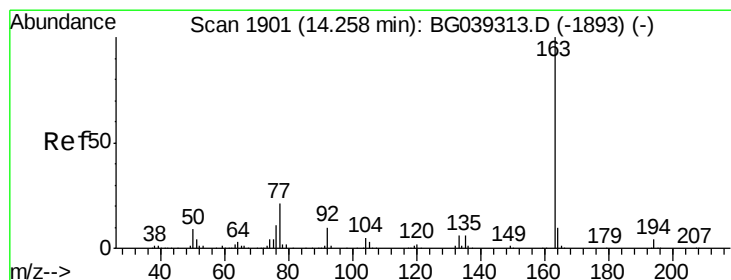
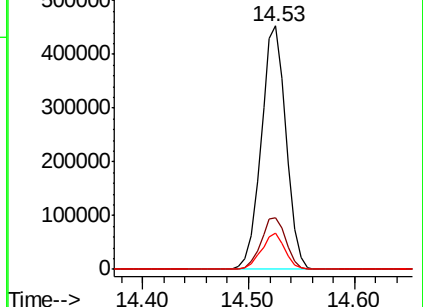
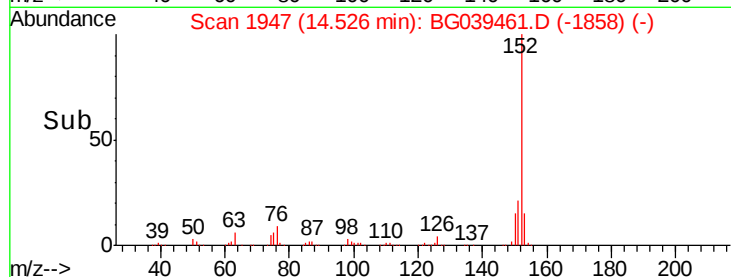
153 14.7 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.905 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

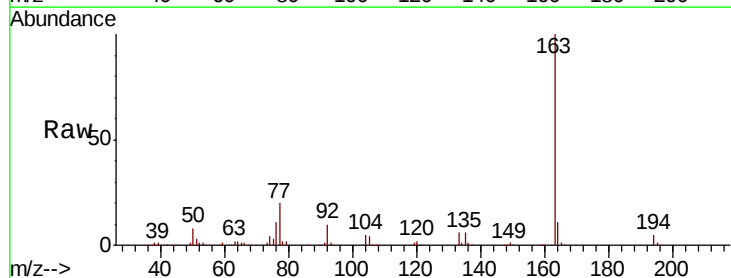
Tgt Ion:163 Resp: 613831

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

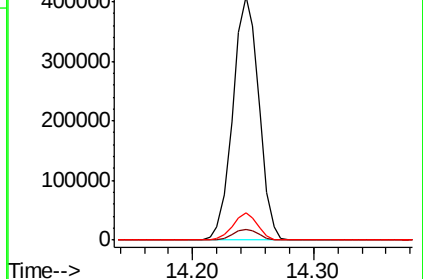
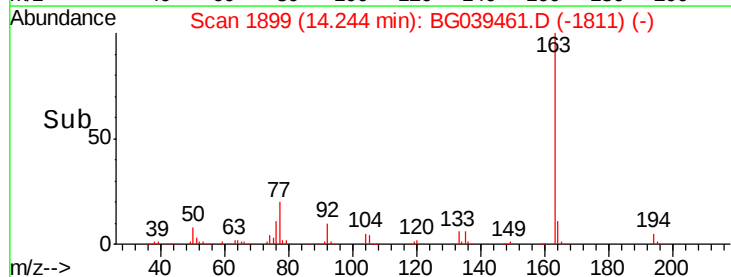
164 11.0 8.4 12.6

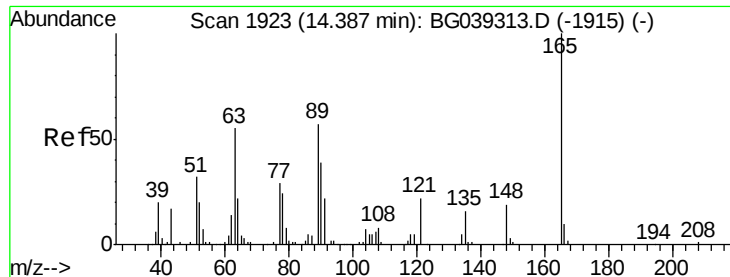


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

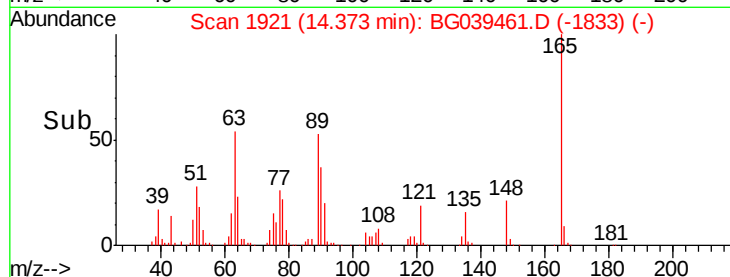
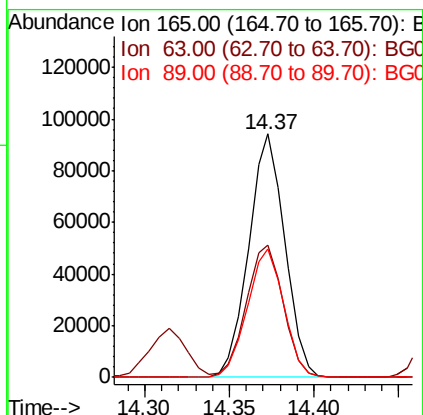
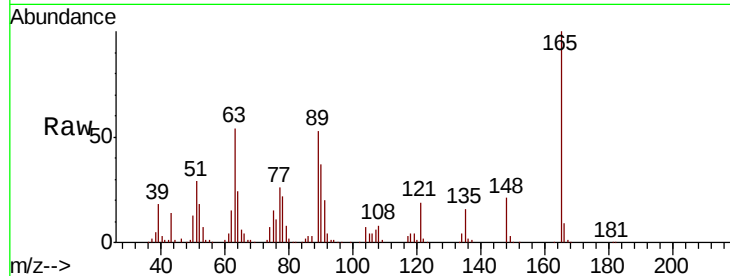




#51
 2,6-Dinitrotoluene
 Concen: 49.518 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

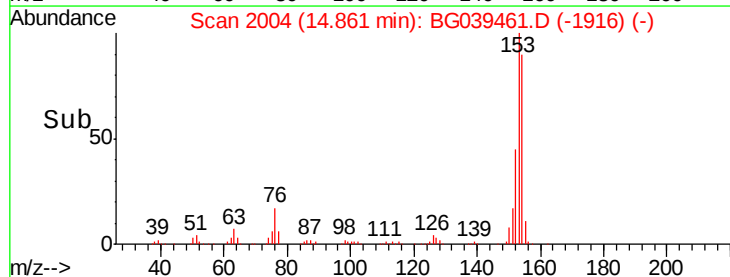
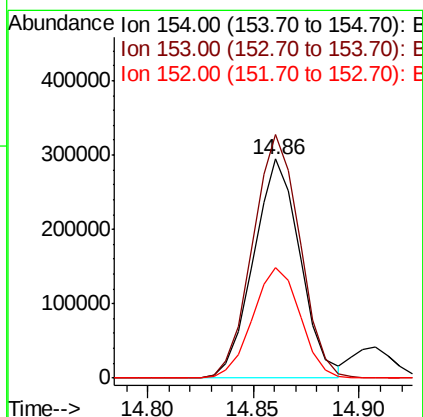
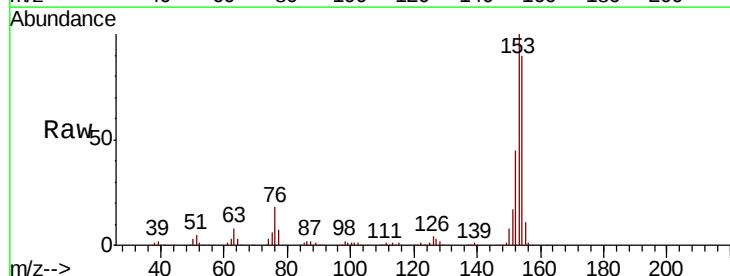
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 139550
 Ion Ratio Lower Upper
 165 100
 63 54.4 47.0 70.6
 89 52.8 45.8 68.8



#52
 Acenaphthene
 Concen: 39.802 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion:154 Resp: 453376
 Ion Ratio Lower Upper
 154 100
 153 111.3 90.1 135.1
 152 50.6 40.9 61.3

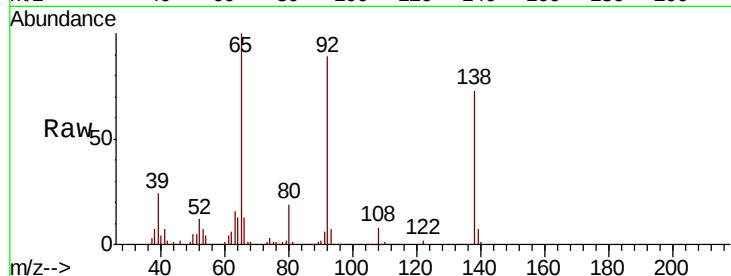




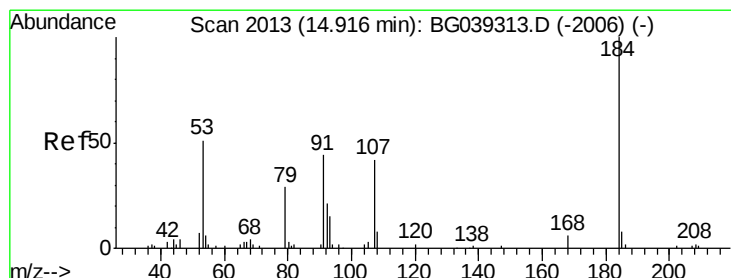
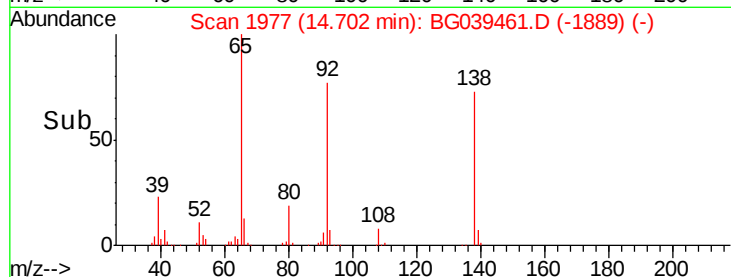
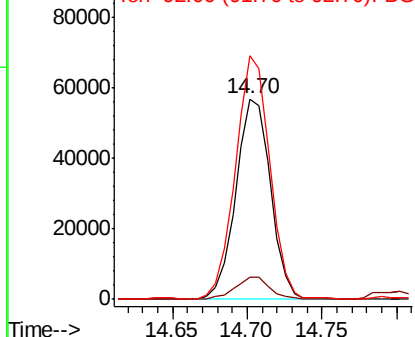
#53
3-Nitroaniline
Concen: 32.429 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 91668
Ion Ratio Lower Upper
138 100
108 11.1 13.8 20.8#
92 121.6 103.7 155.5

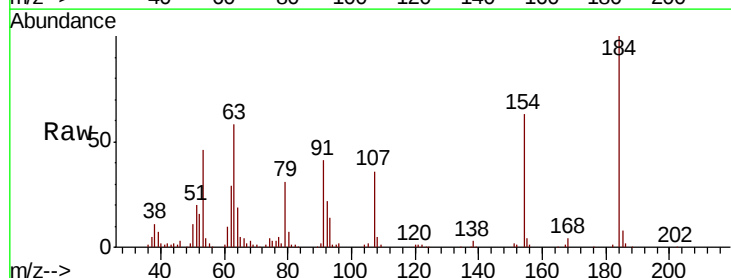


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

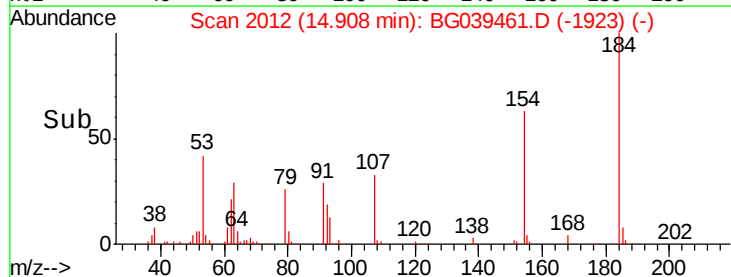
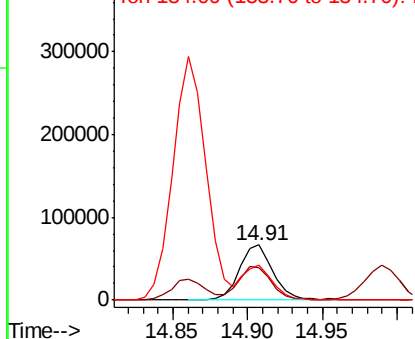


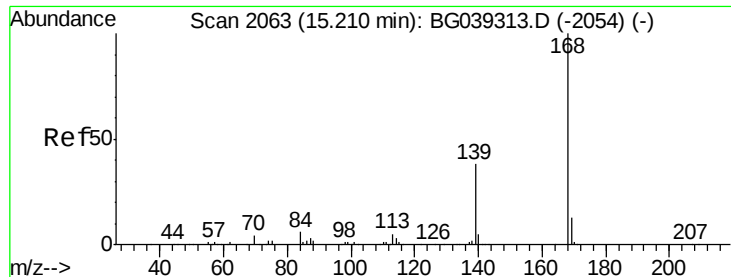
#54
2,4-Dinitrophenol
Concen: 81.972 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:184 Resp: 102921
Ion Ratio Lower Upper
184 100
63 58.0 50.9 76.3
154 63.0 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

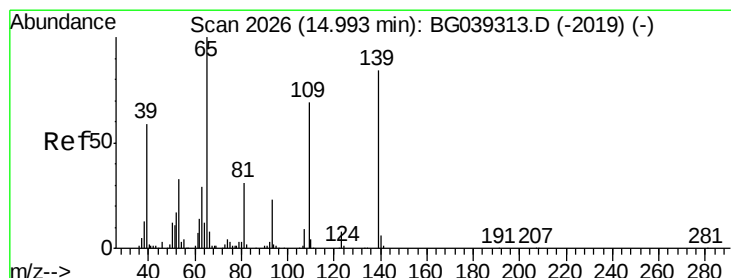
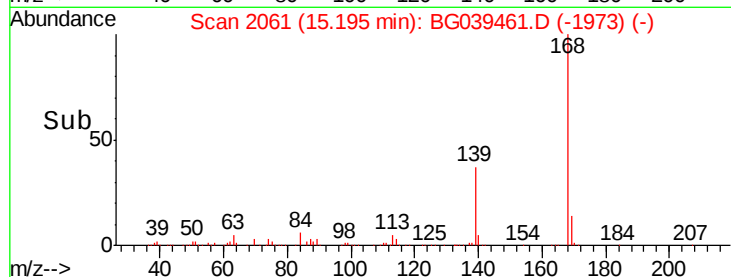
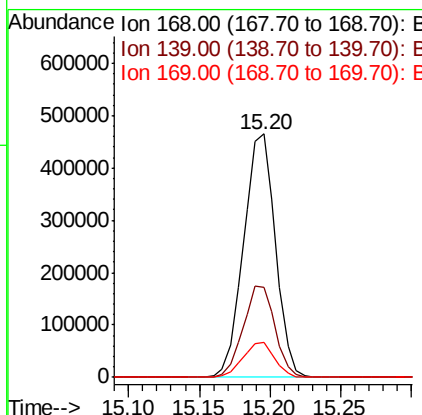
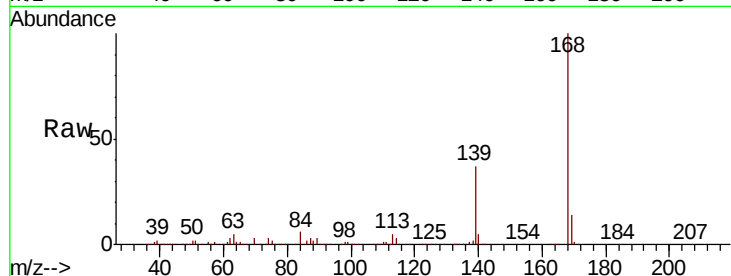




#55
Dibenzofuran
Concen: 40.121 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

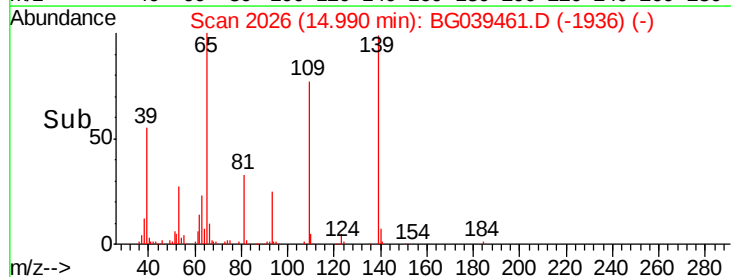
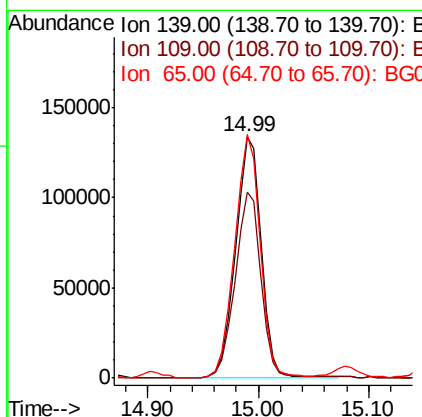
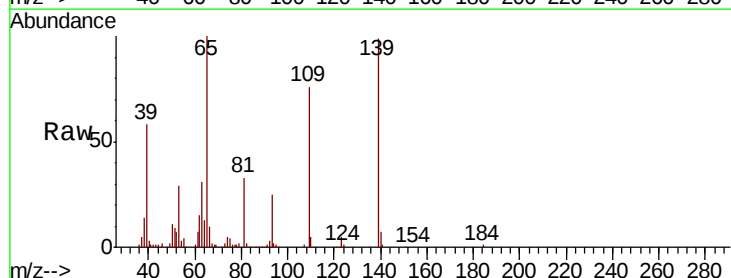
Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 732743
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 14.3 10.6 16.0



#56
4-Nitrophenol
Concen: 80.932 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:139 Resp: 219785
Ion Ratio Lower Upper
139 100
109 77.1 61.9 101.9
65 100.9 99.1 139.1

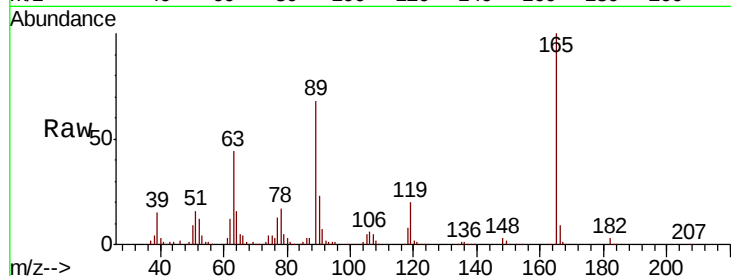




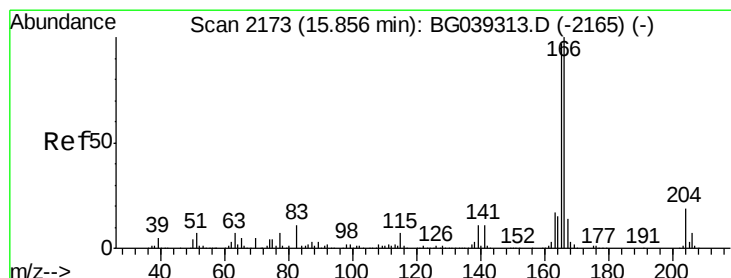
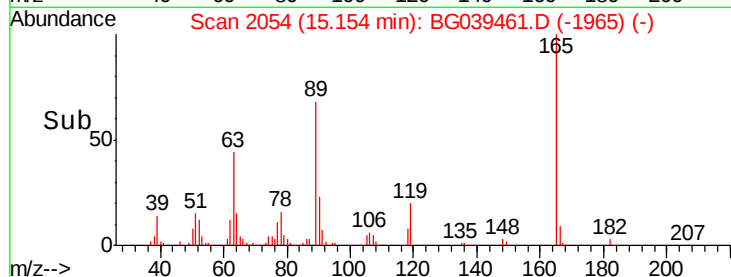
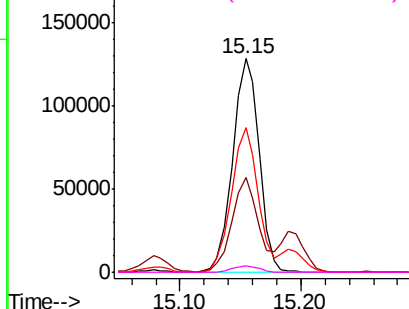
#57
2,4-Dinitrotoluene
Concen: 53.377 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	195519
Ion	Ratio	Lower	Upper
165	100		
63	44.3	41.0	61.6
89	67.9	64.6	96.8
182	2.8	2.0	3.0

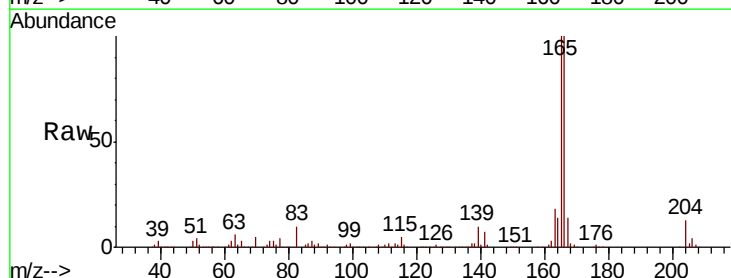


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

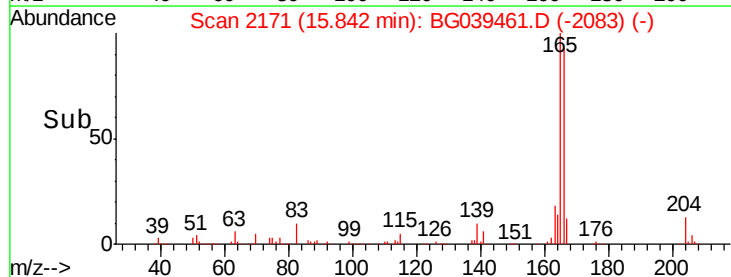
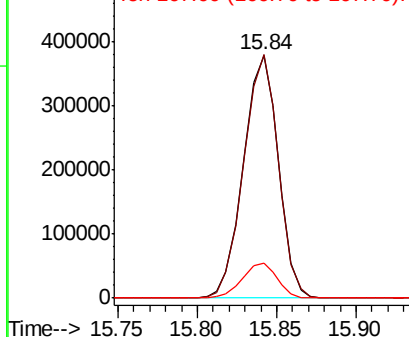


#58
Fluorene
Concen: 42.553 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:	166	Resp:	579340
Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.9	116.9
167	14.5	10.8	16.2



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: 51.724 ng

RT: 15.41 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 184497

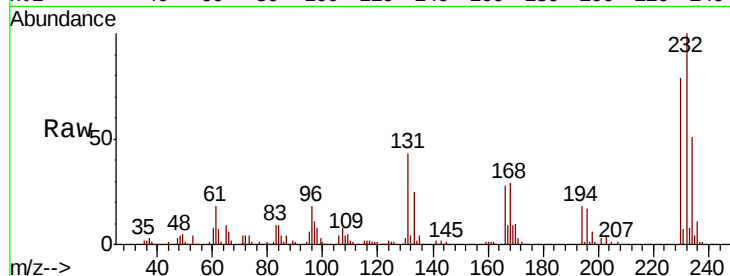
Ion Ratio Lower Upper

232 100

131 40.6 34.9 52.3

130 2.3 2.0 3.0

166 27.7 24.1 36.1

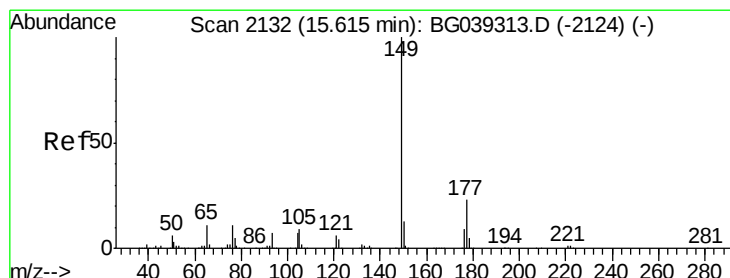
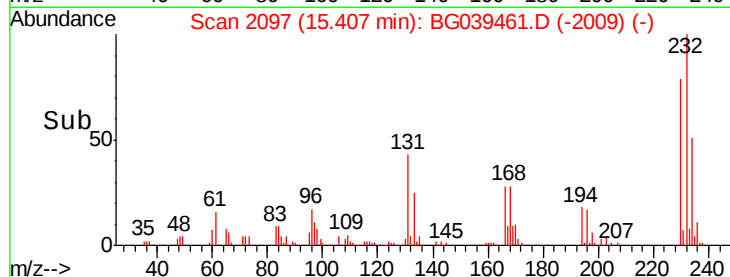
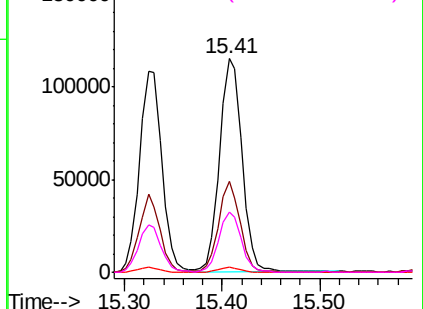


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.177 ng

RT: 15.59 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

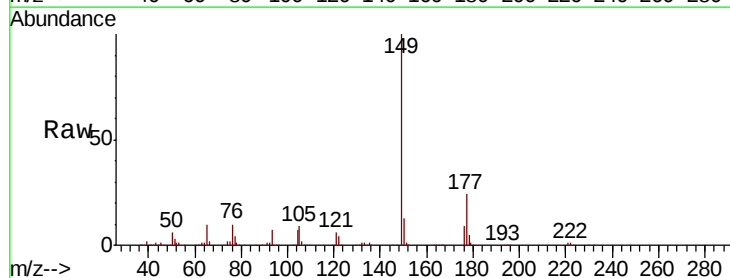
Tgt Ion:149 Resp: 623363

Ion Ratio Lower Upper

149 100

177 24.5 18.3 27.5

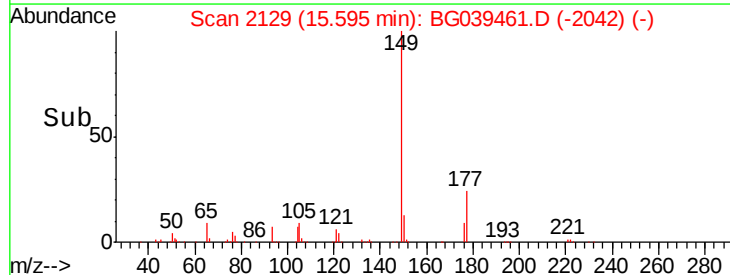
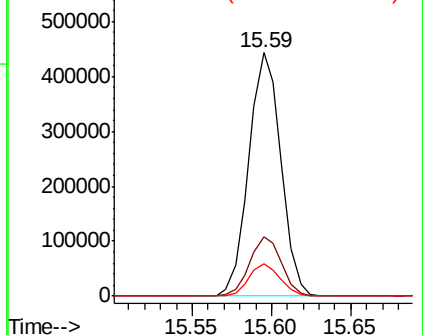
150 13.1 10.2 15.2

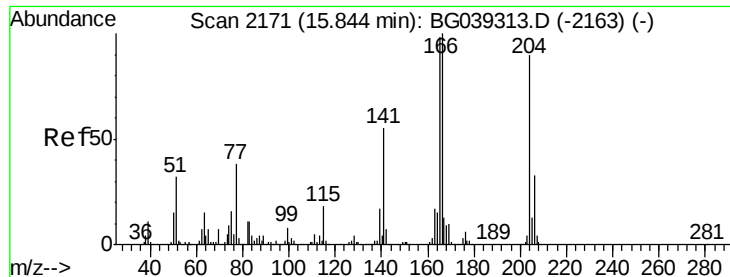


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

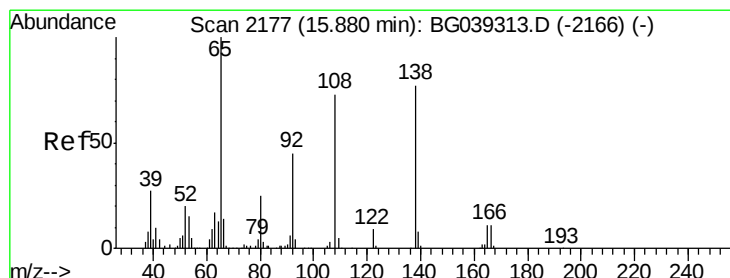
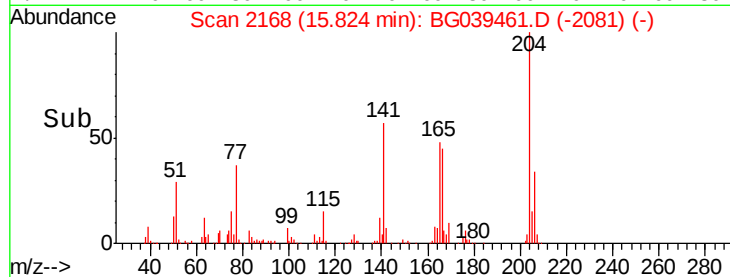
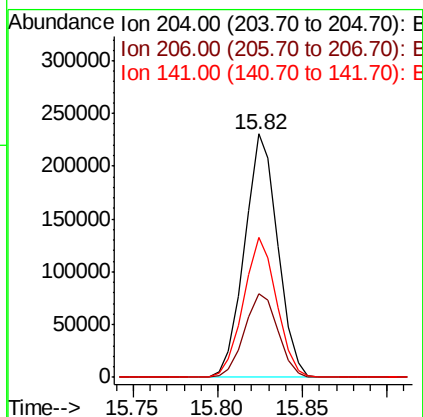
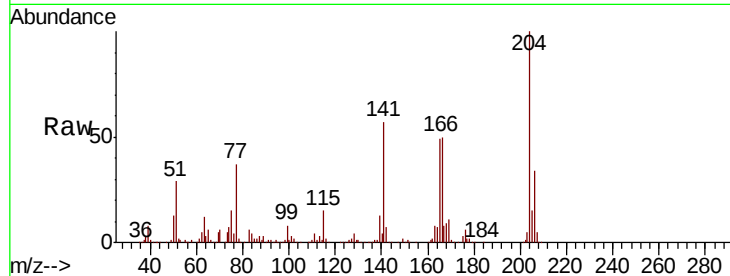




#61
 4-Chlorophenyl-phenylether
 Concen: 40.772 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

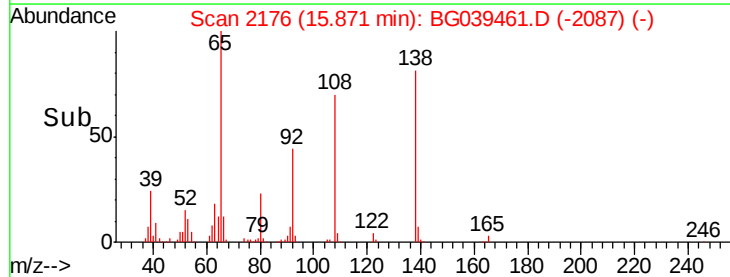
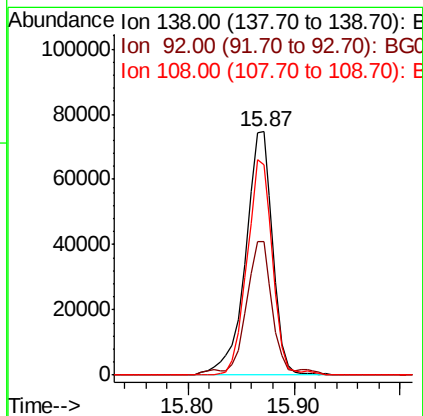
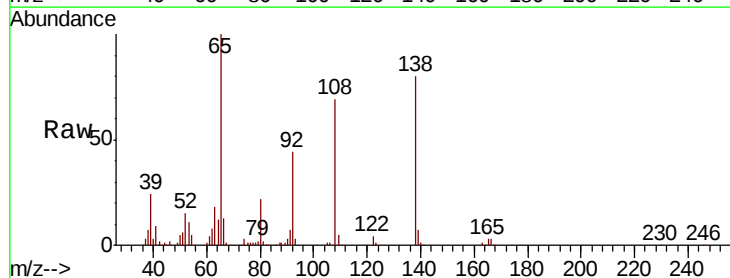
Instrument :
 BNA_G
 ClientSampleId :

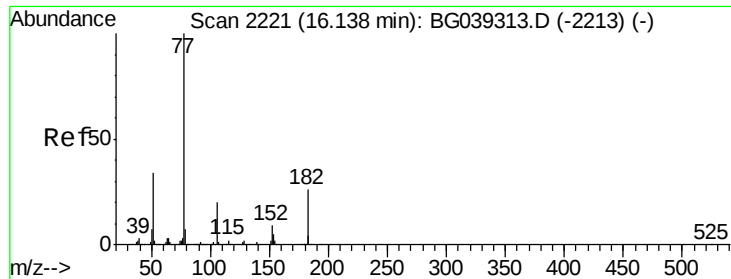
Tot Ion:204 Resp: 314314
 Ion Ratio Lower Upper
 204 100
 206 34.3 29.2 43.8
 141 57.4 49.0 73.4



#62
 4-Nitroaniline
 Concen: 42.936 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion:138 Resp: 133581
 Ion Ratio Lower Upper
 138 100
 92 54.9 38.7 78.7
 108 86.6 74.6 114.6

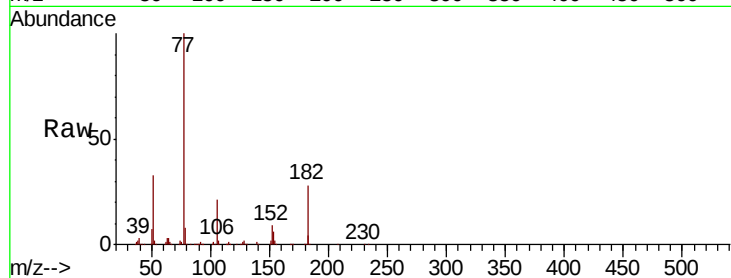




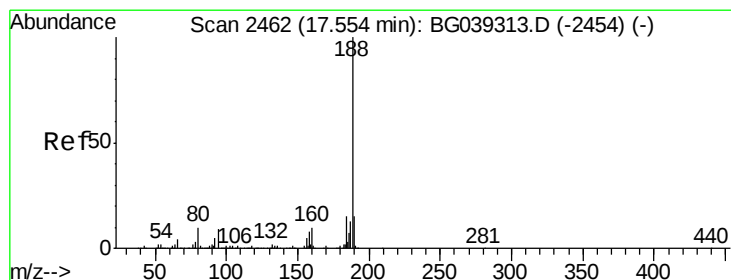
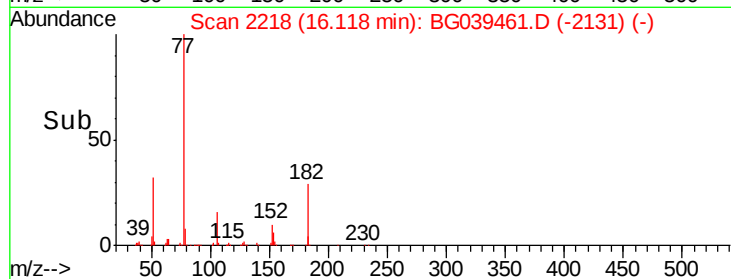
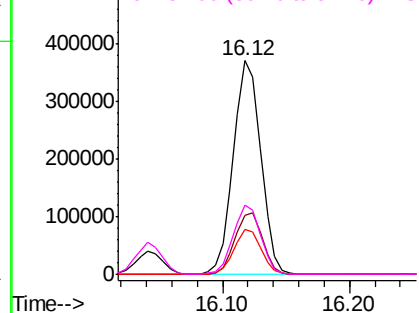
#63
Azobenzene
Concen: 36.457 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	552856
Ion	Ratio	Lower	Upper
77	100		
182	27.9	6.4	46.4
105	21.1	0.0	39.8
51	32.6	14.1	54.1

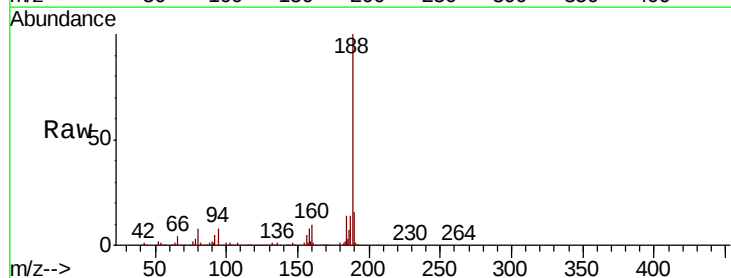


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

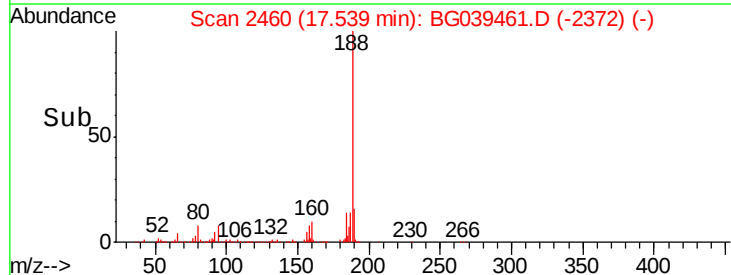
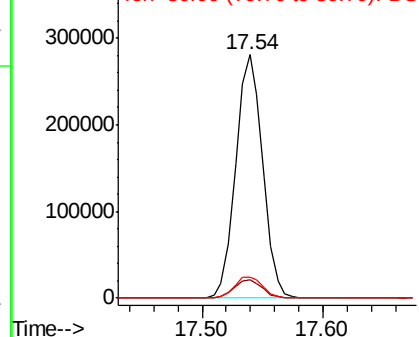


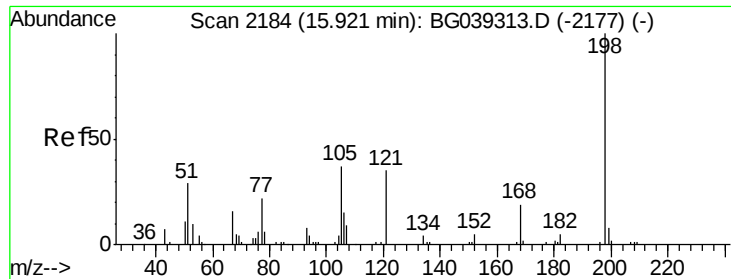
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:	188	Resp:	433363
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.5	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.531 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

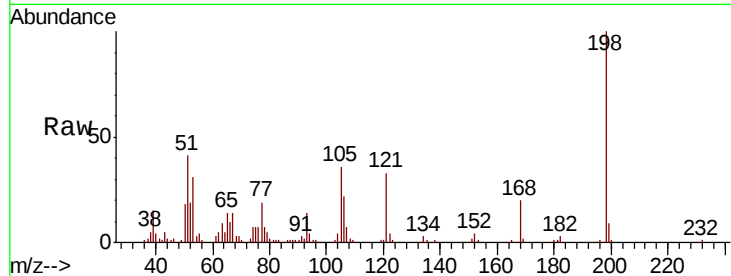
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 93106

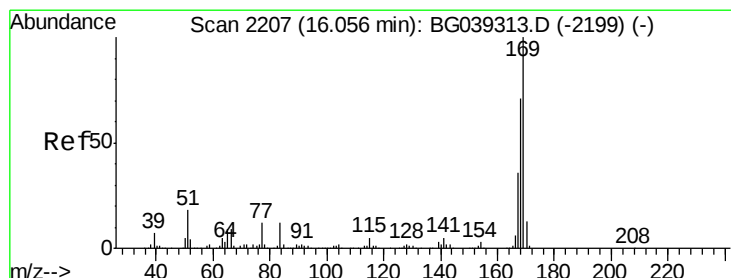
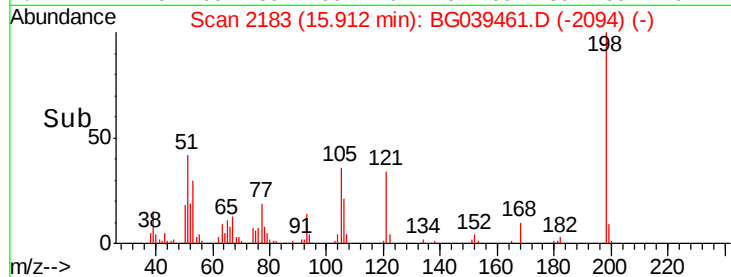
Ion	Ratio	Lower	Upper
198	100		
51	41.4	27.4	67.4
105	35.8	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039461.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.046 ng

RT: 16.04 min Scan# 2205

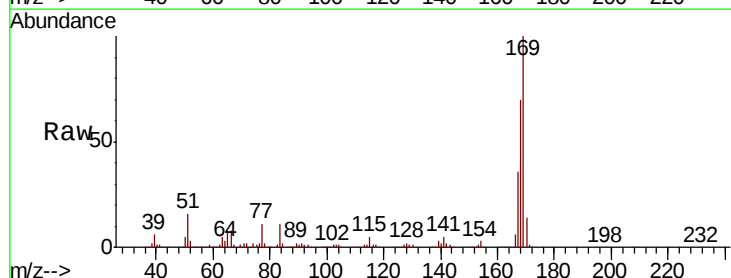
Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:169 Resp: 540862

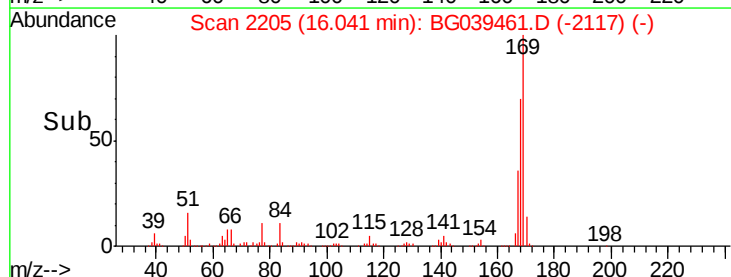
Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.6	85.0
167	36.0	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

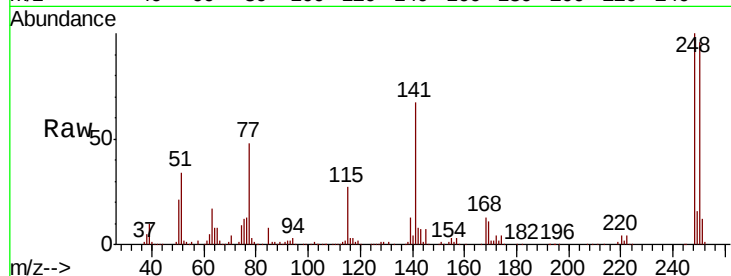




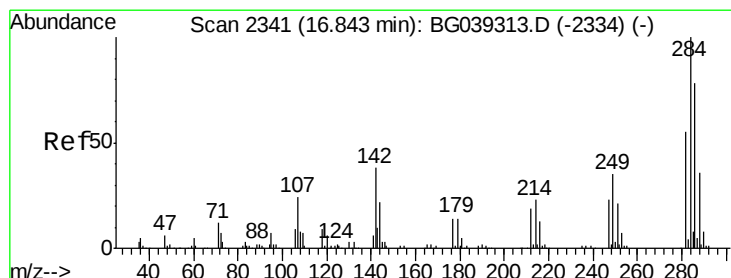
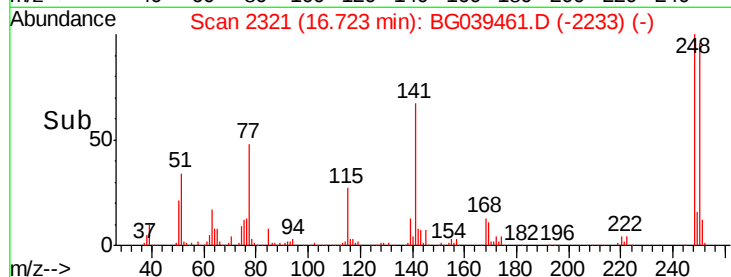
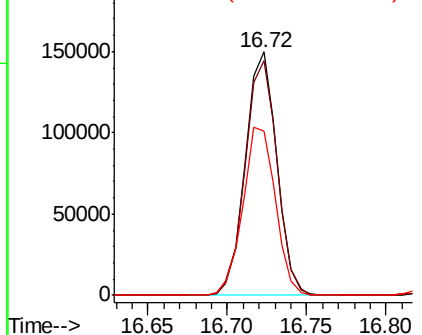
#67
 4-Bromophenyl-phenylether
 Concen: 42.901 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.6	116.4
141	67.3	63.9	95.9

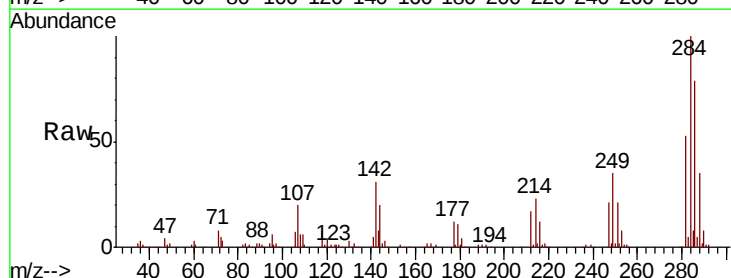


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

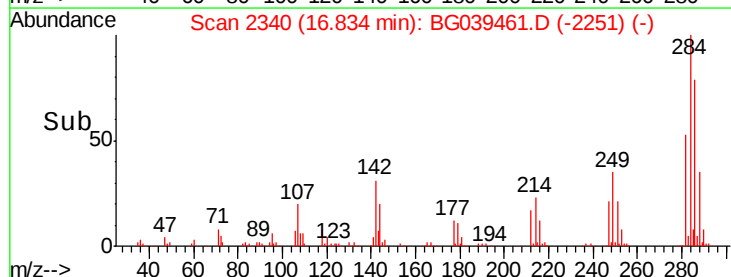
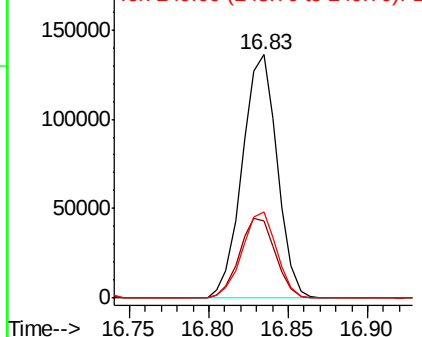


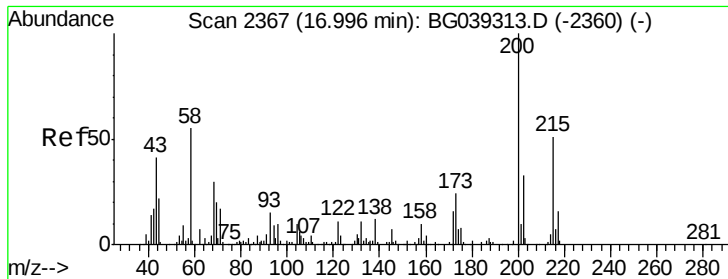
#68
 Hexachlorobenzene
 Concen: 43.074 ng
 RT: 16.83 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	30.6	45.8
249	35.4	28.2	42.2



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: 42.947 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

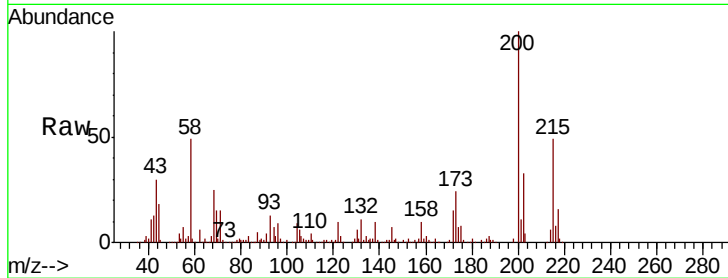
Tot Ion:200 Resp: 206811

Ion Ratio Lower Upper

200 100

173 23.7 3.9 43.9

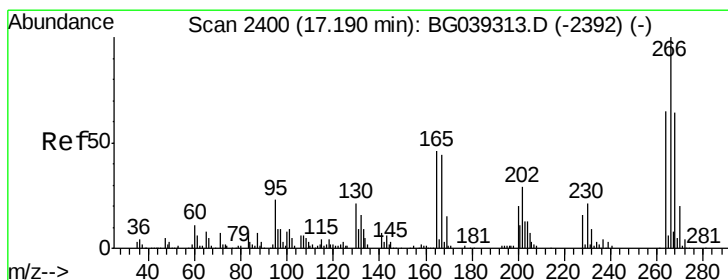
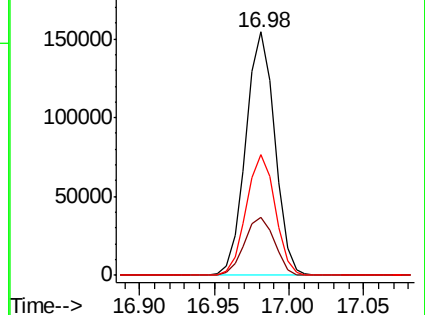
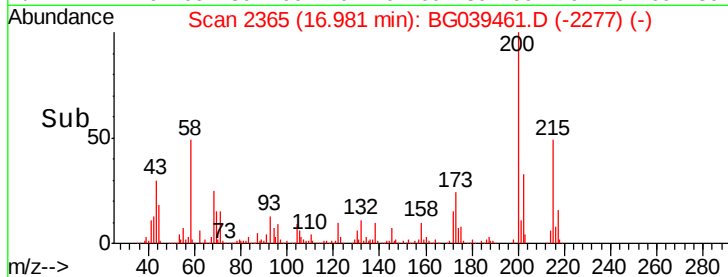
215 49.3 30.9 70.9



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: 70.601 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

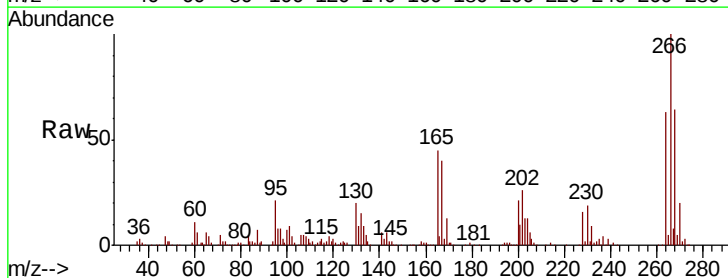
Tgt Ion:266 Resp: 236687

Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

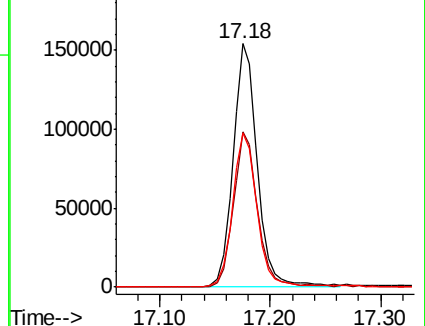
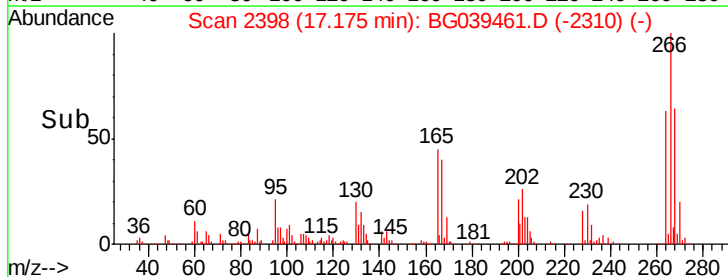
264 63.0 52.1 78.1

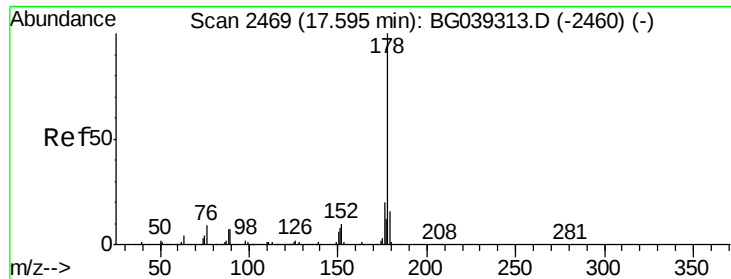


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

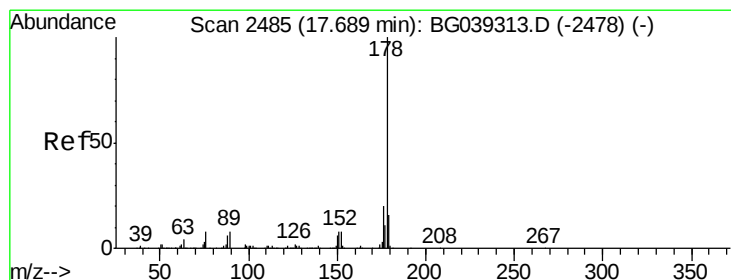
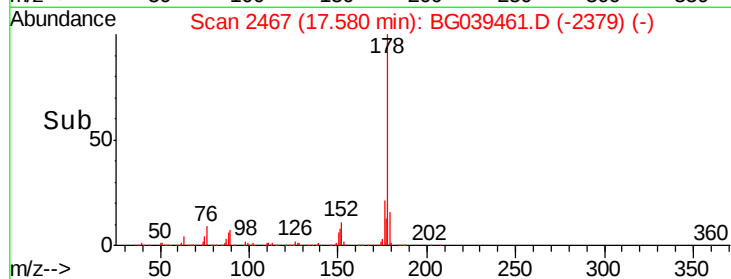
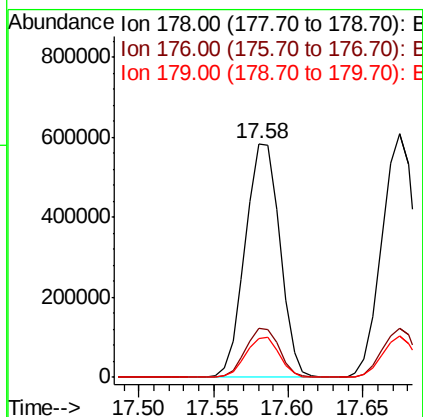
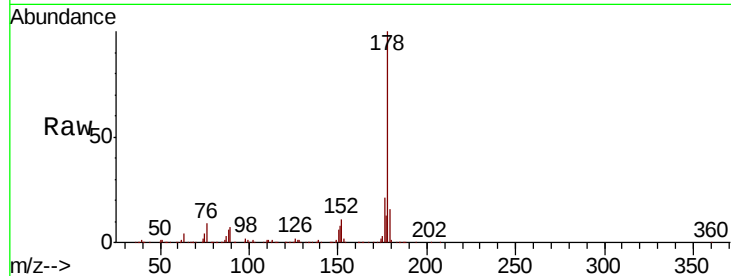




#71
Phenanthrene
Concen: 41.912 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

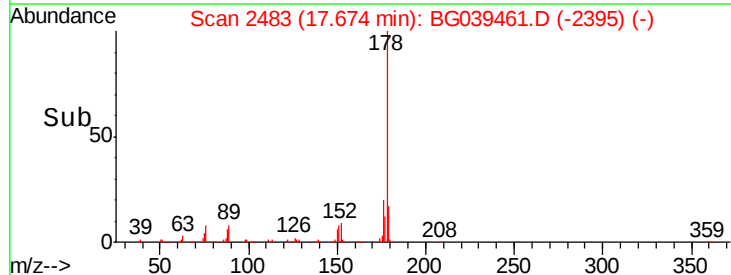
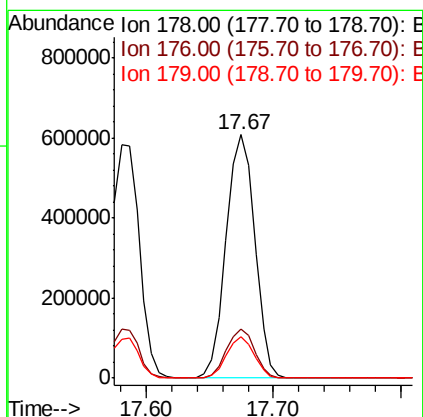
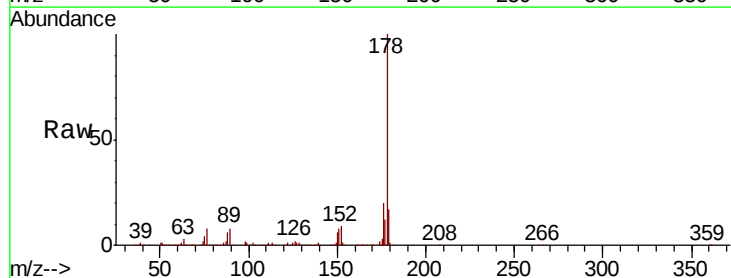
Instrument :
BNA_G
ClientSampleId :

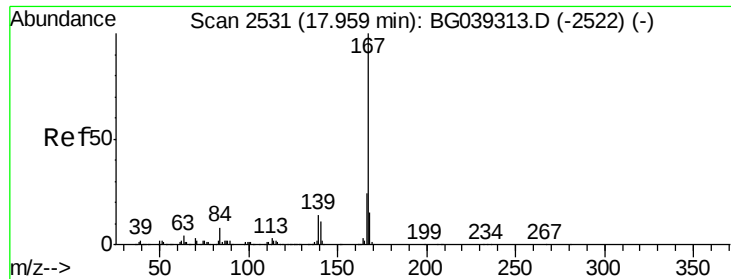
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	16.4	12.6	19.0



#72
Anthracene
Concen: 43.139 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	17.0	12.5	18.7

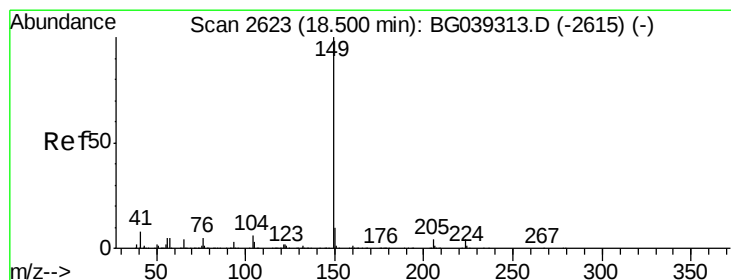
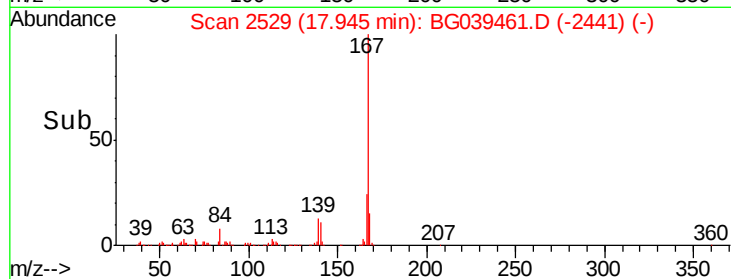
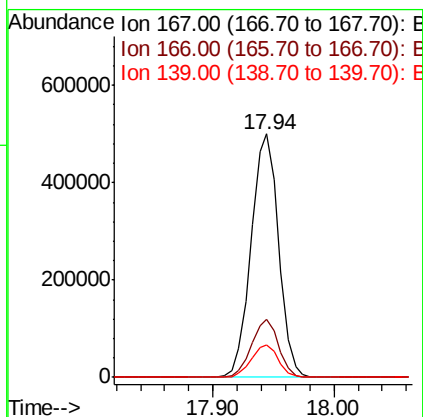
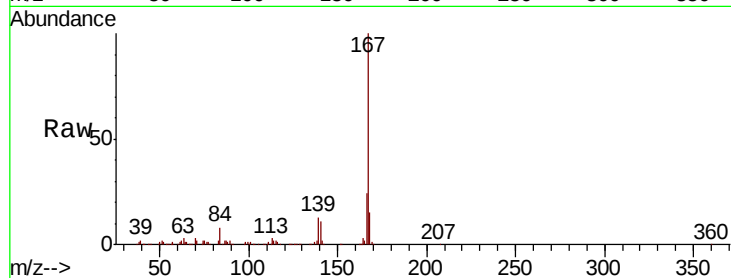




#73
 Carbazole
 Concen: 35.821 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

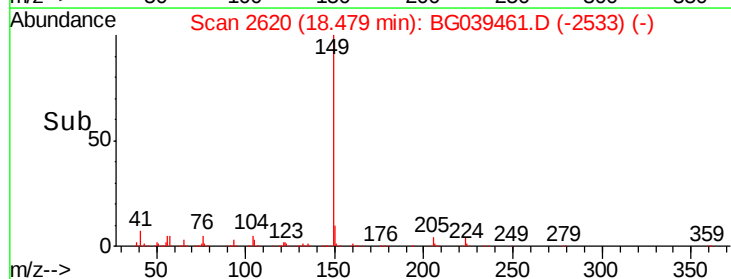
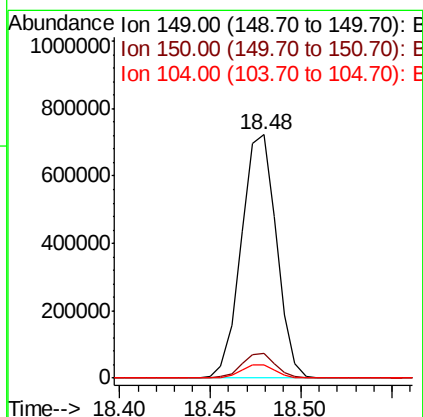
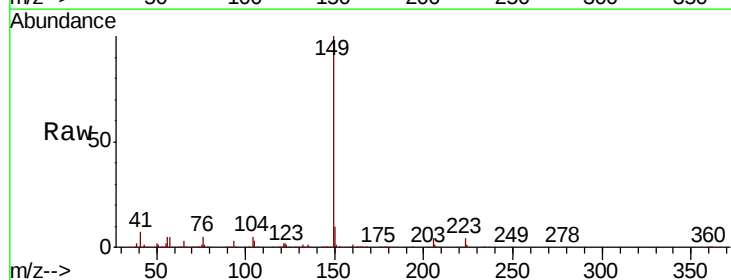
Instrument :
 BNA_G
 ClientSampleId :

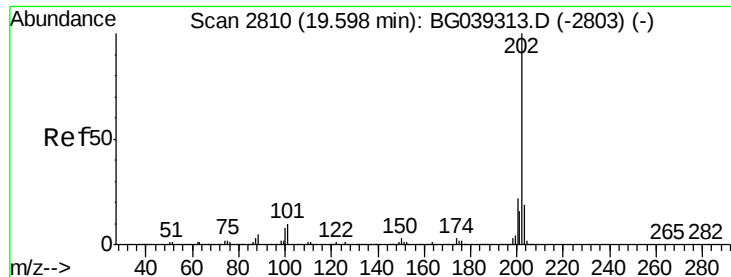
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	13.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 37.949 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039461.D
 Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 38.574 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

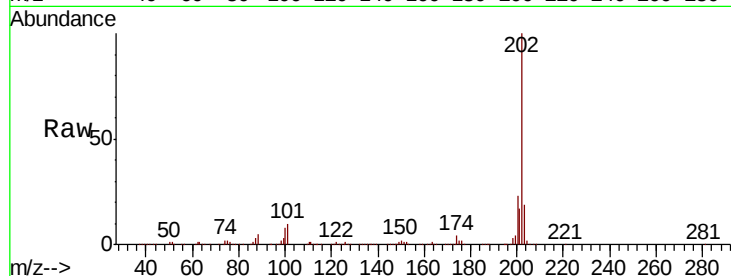
Tot Ion:202 Resp: 1004231

Ion Ratio Lower Upper

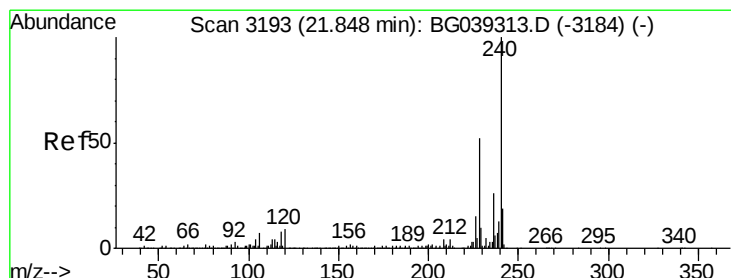
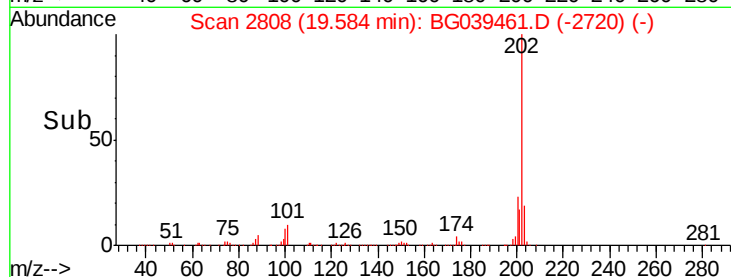
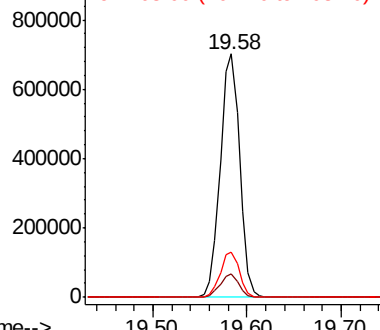
202 100

101 9.6 0.0 30.0

203 18.8 0.0 38.9



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

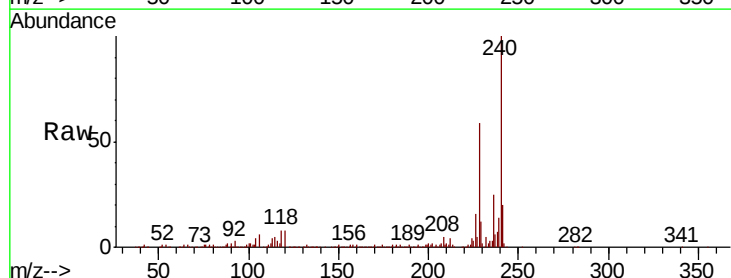
Tgt Ion:240 Resp: 359149

Ion Ratio Lower Upper

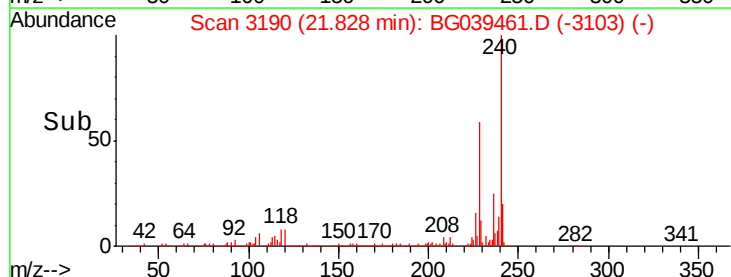
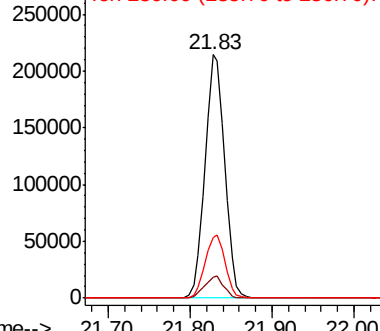
240 100

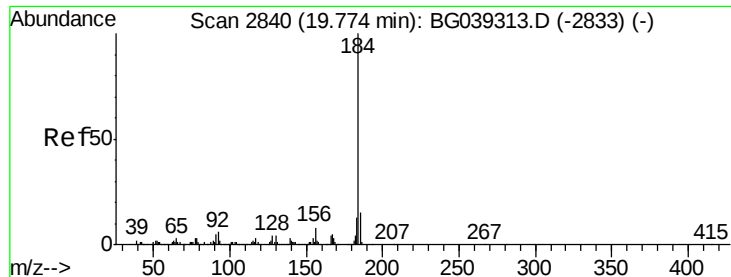
120 8.4 7.0 10.6

236 25.1 21.0 31.4



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: 30.136 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

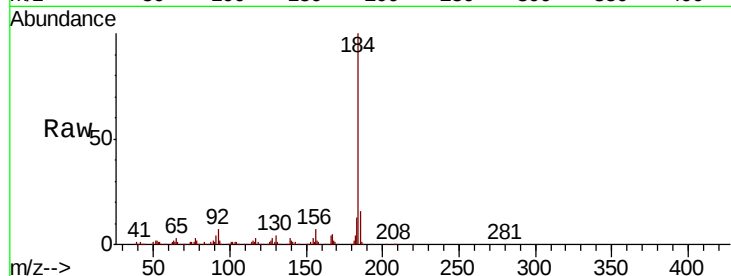
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 354854

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.2
183	13.1	10.6	15.8

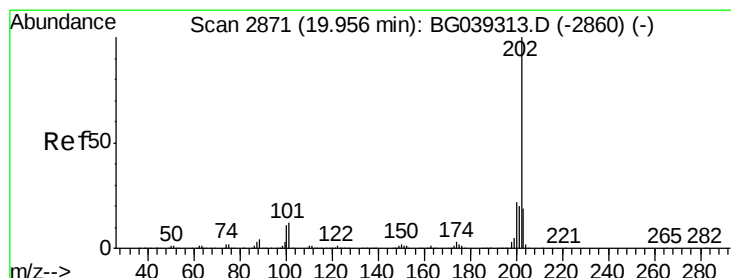
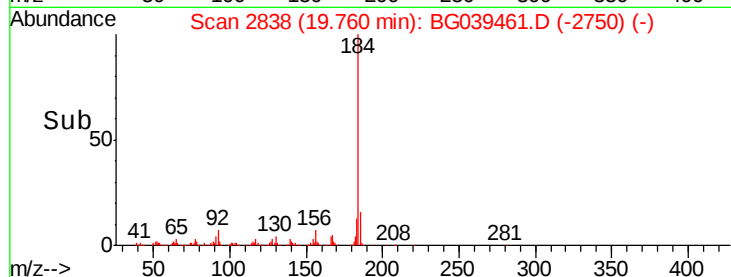
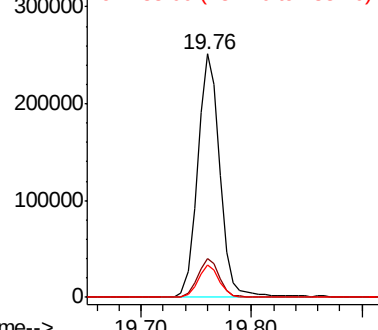


Abundance

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: 43.689 ng

RT: 19.94 min Scan# 2869

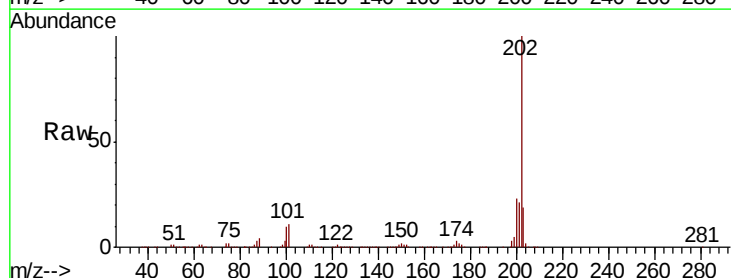
Delta R.T. -0.01 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:202 Resp: 976794

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.8
203	19.4	15.3	22.9

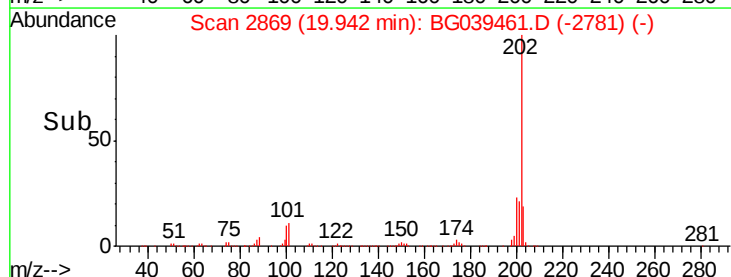
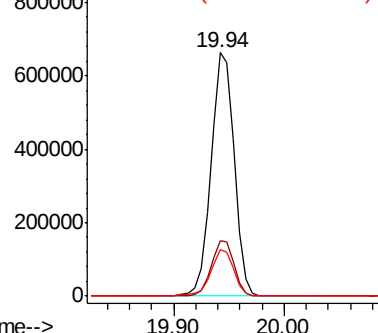


Abundance

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: 82.596 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

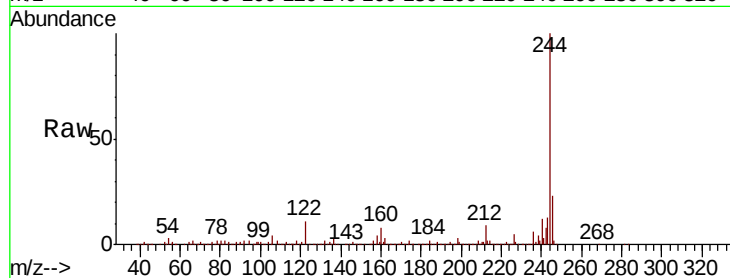
Tot Ion:244 Resp: 1401455

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

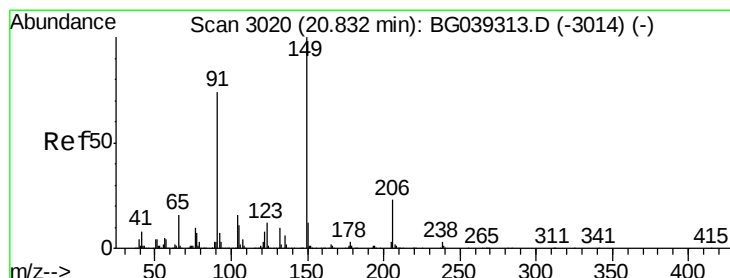
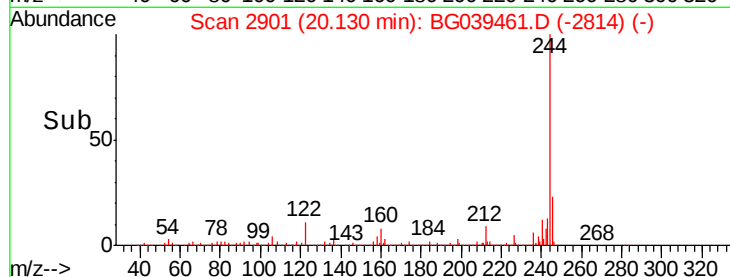
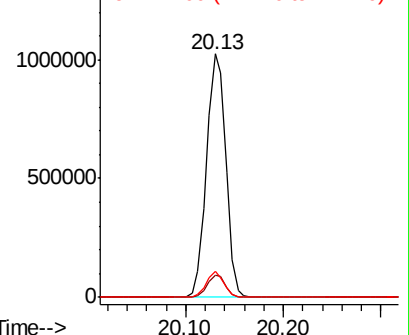
122 10.8 8.4 12.6



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: 41.178 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

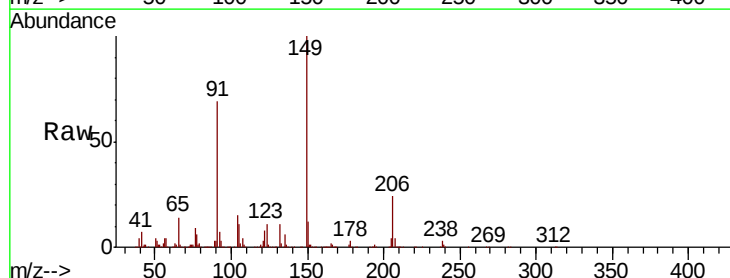
Tgt Ion:149 Resp: 388367

Ion Ratio Lower Upper

149 100

91 68.8 59.5 89.3

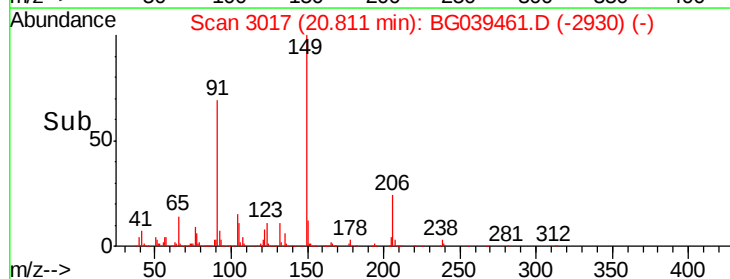
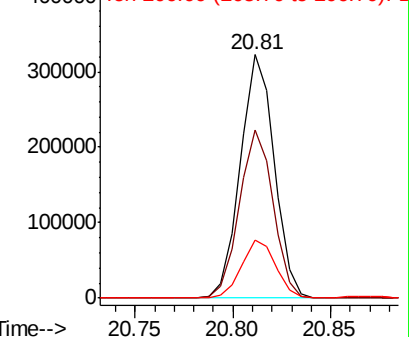
206 23.6 18.6 27.8

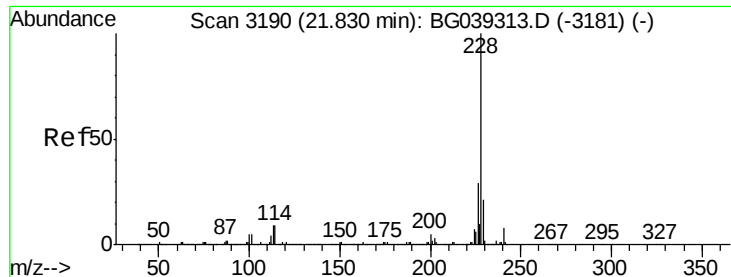


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

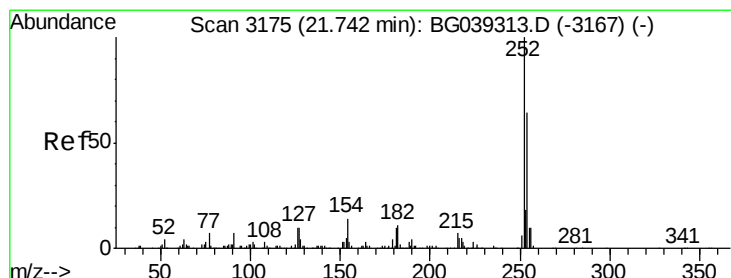
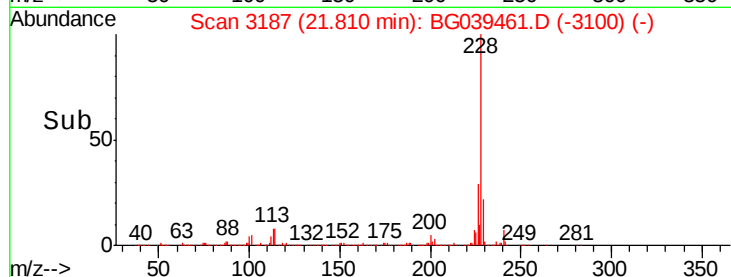
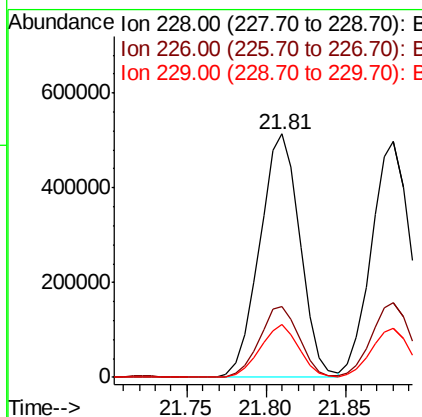
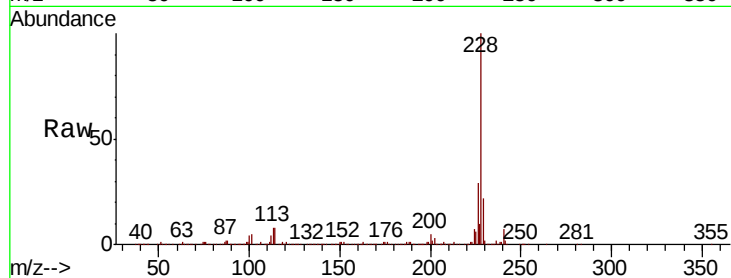




#81
Benzo(a)anthracene
Concen: 42.767 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

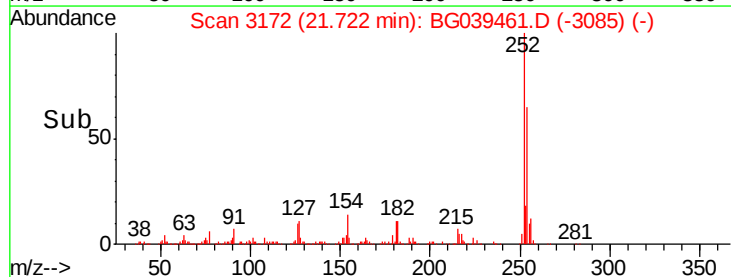
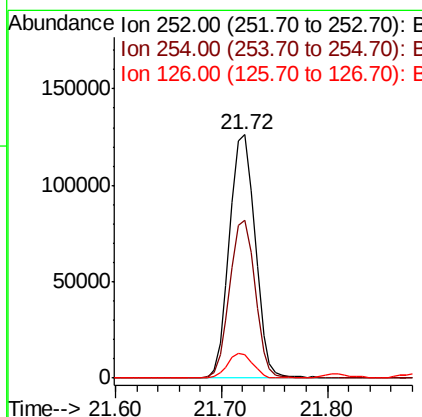
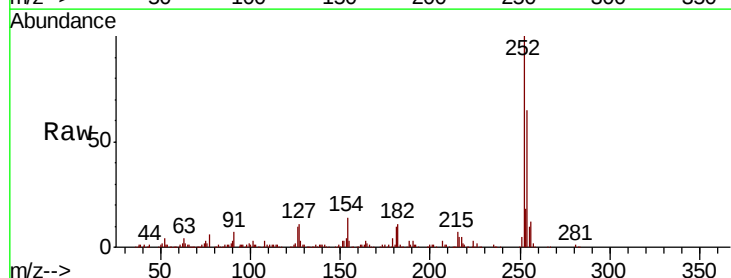
Instrument :
BNA_G
ClientSampleId :

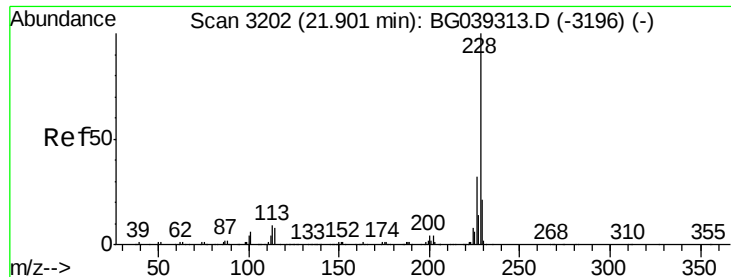
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	21.8	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 27.153 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	9.9	8.0	12.0





#83

Chrysene

Concen: 42.087 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

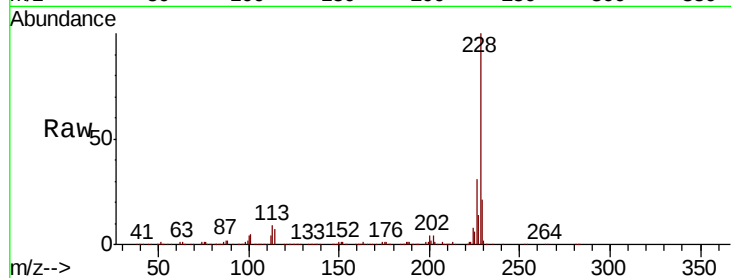
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 850232

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.8	38.6
229	20.7	16.6	25.0

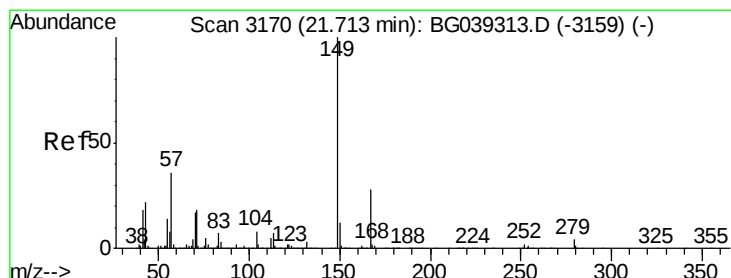
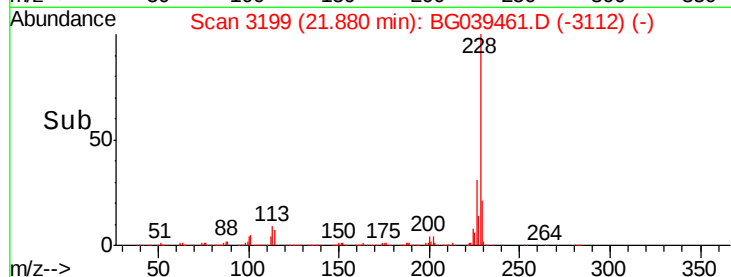
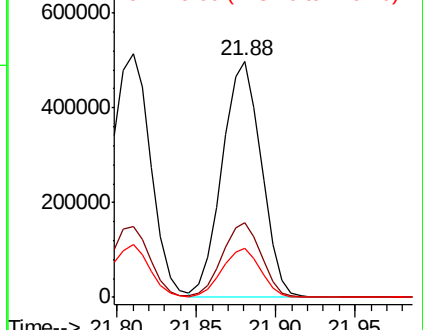


Abundance

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: 40.241 ng

RT: 21.68 min Scan# 3165

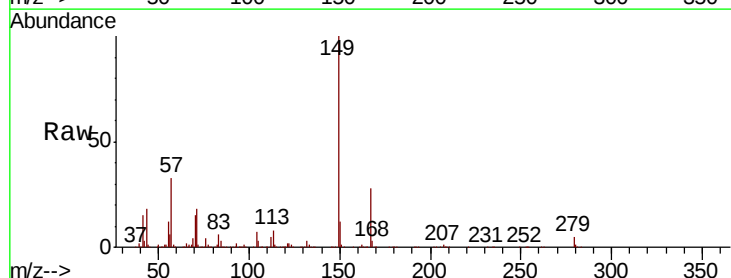
Delta R.T. -0.03 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Tgt Ion:149 Resp: 541460

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	5.0	3.5	5.3

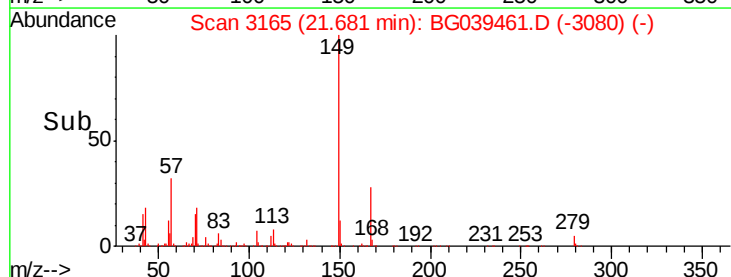
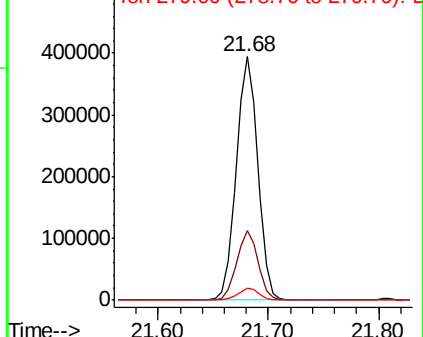


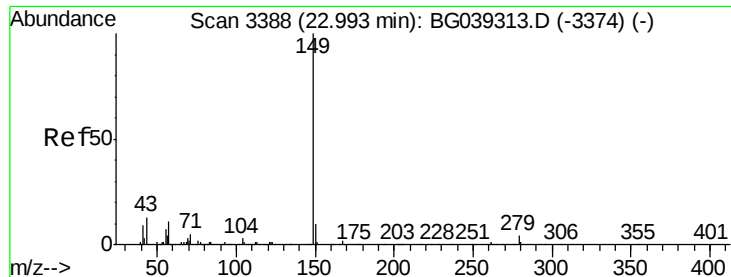
Abundance

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: 41.575 ng

RT: 22.94 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampleId :

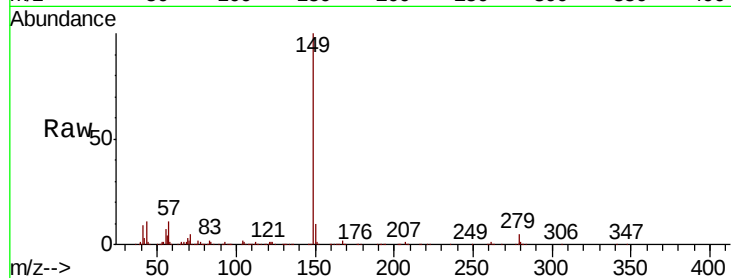
Tot Ion:149 Resp: 924190

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

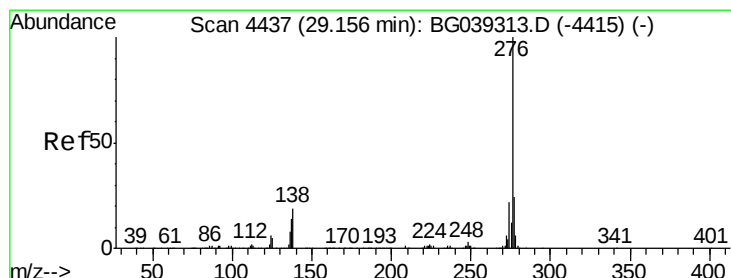
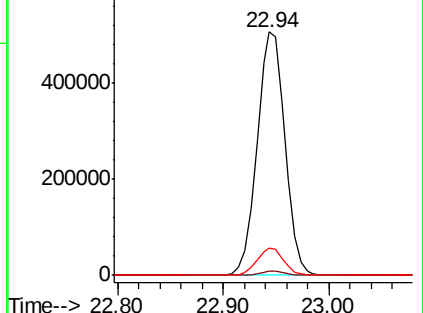
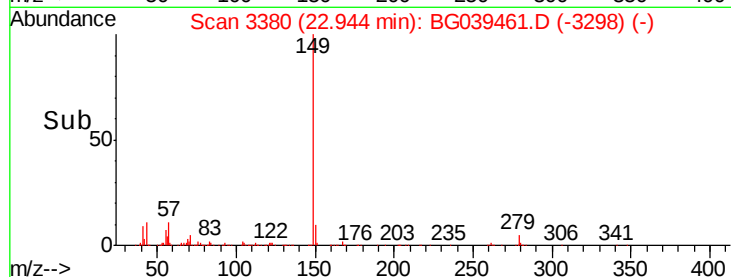
43 10.7 10.2 15.4



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: 47.372 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.06 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

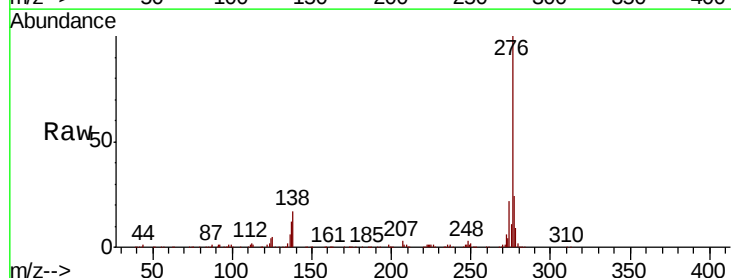
Tgt Ion:276 Resp: 1026793

Ion Ratio Lower Upper

276 100

138 15.5 12.6 19.0

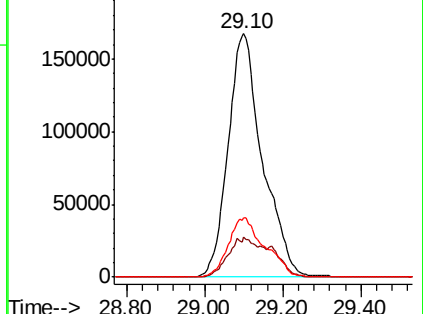
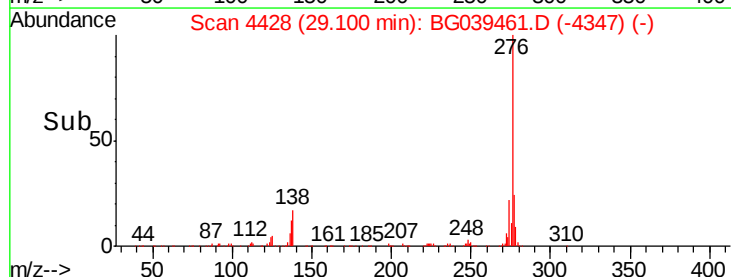
277 25.9 20.8 31.2



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



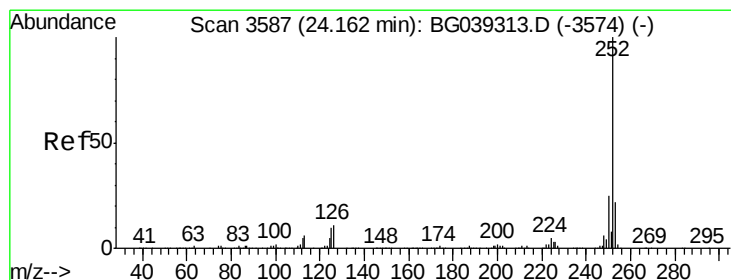
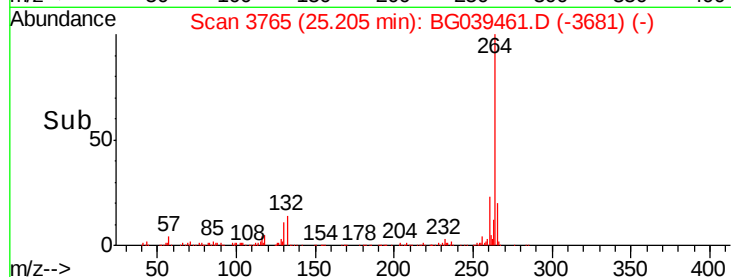
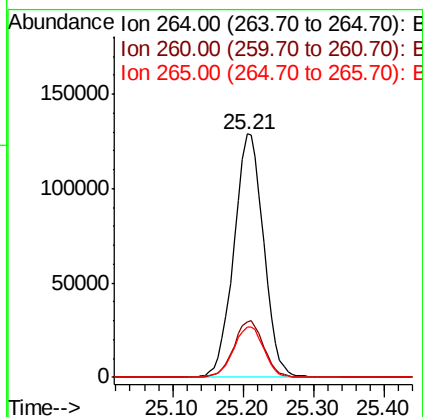
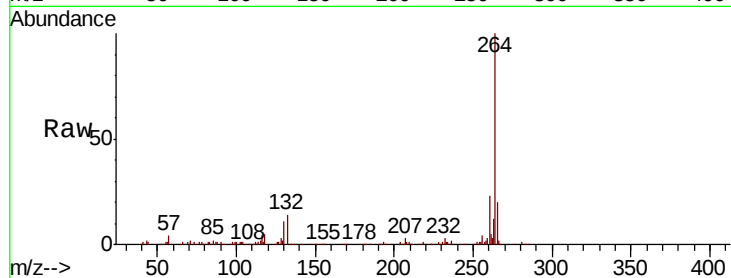


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 376774

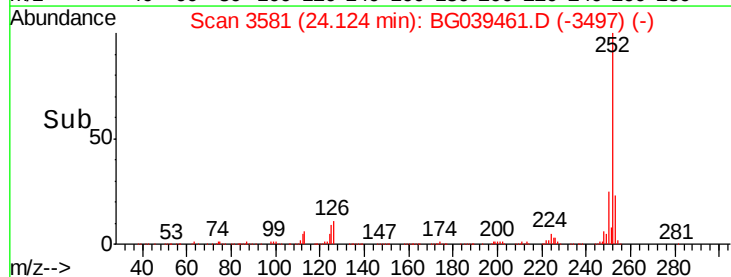
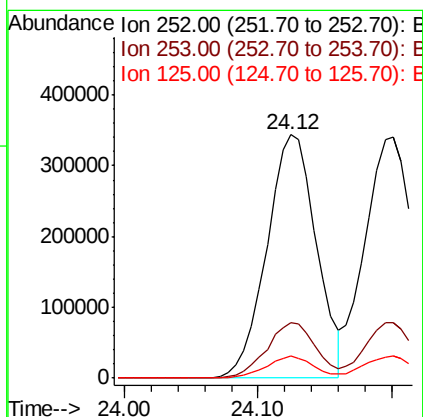
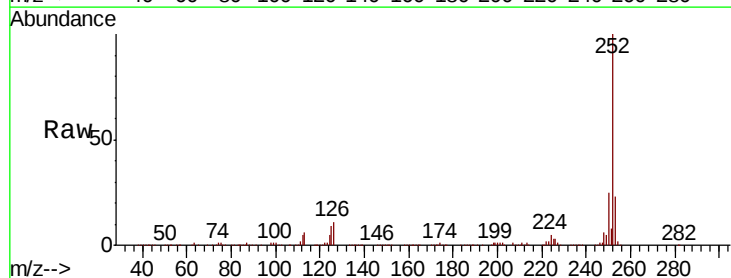
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	20.4	18.5	27.7

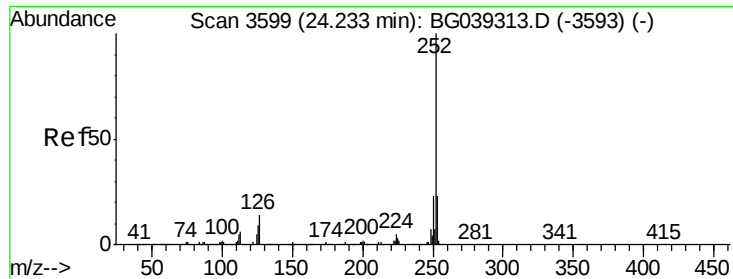


#88
Benzo(b)fluoranthene
Concen: 43.090 ng
RT: 24.12 min Scan# 3581
Delta R.T. -0.04 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:252 Resp: 885396

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	8.9	7.8	11.6

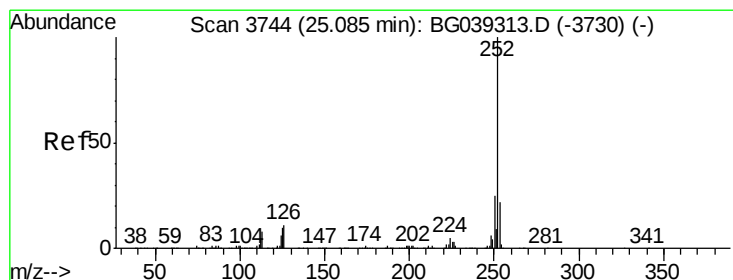
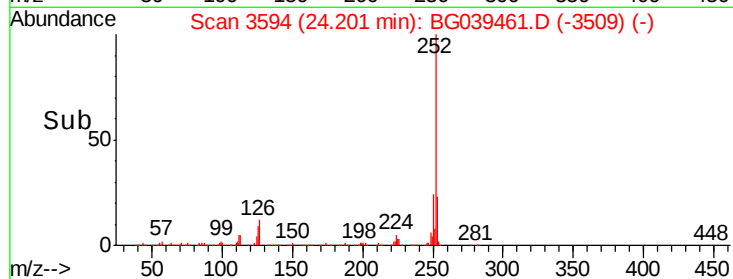
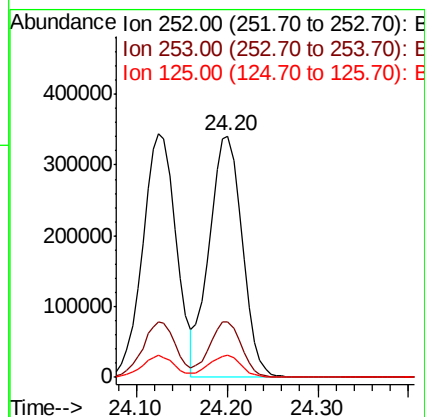
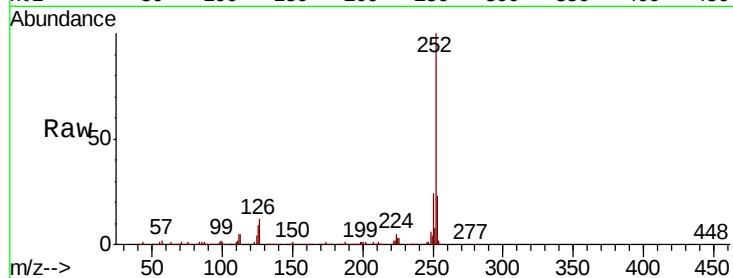




#89
Benzo(k)fluoranthene
Concen: 41.868 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

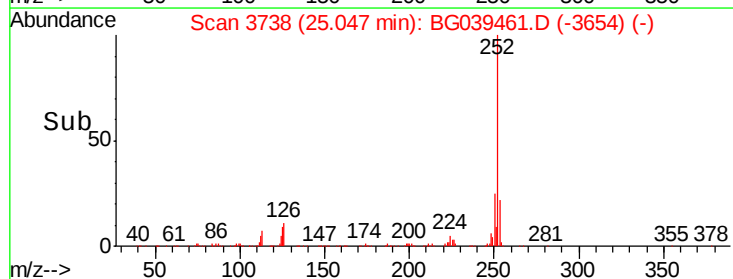
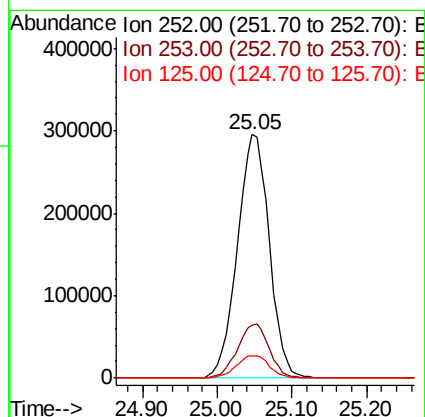
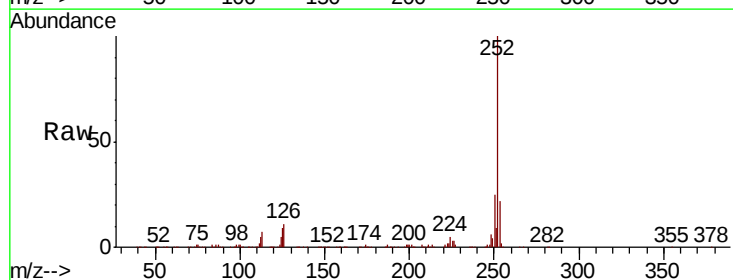
Instrument :
BNA_G
ClientSampled :

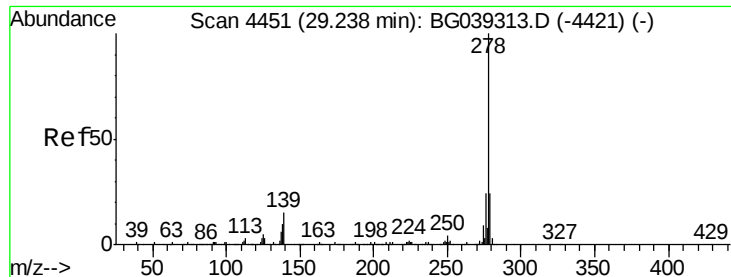
Tot Ion:252 Resp: 863719
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.176 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039461.D
Acq: 12 Feb 2019 13:13

Tgt Ion:252 Resp: 874195
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.007 ng

RT: 29.17 min Scan# 4440

Delta R.T. -0.07 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

Instrument :

BNA_G

ClientSampled :

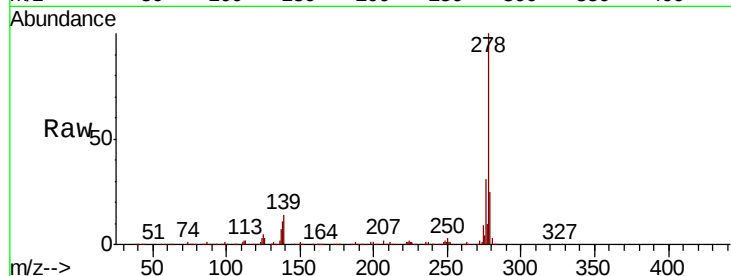
Tot Ion:278 Resp: 834080

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

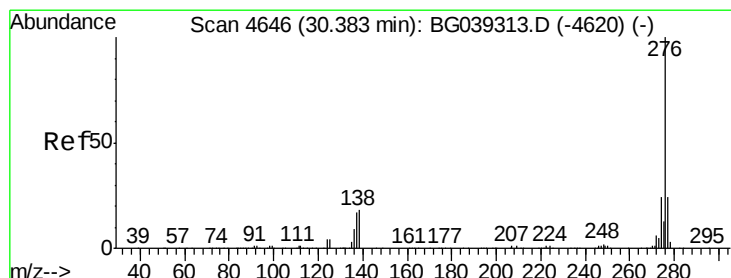
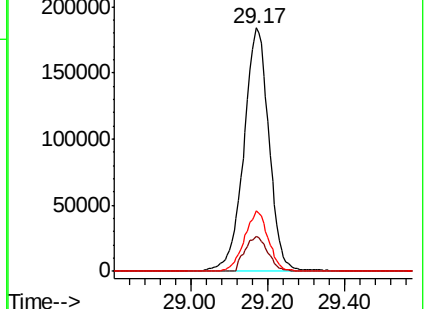
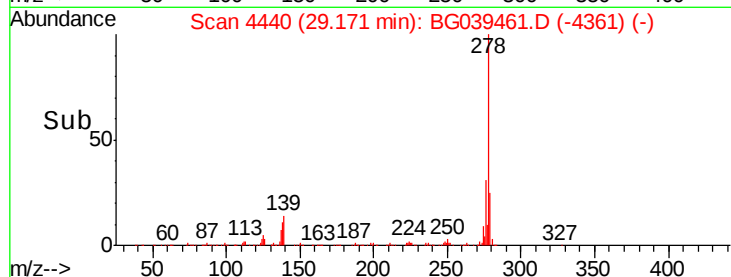
279 25.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.710 ng

RT: 30.33 min Scan# 4637

Delta R.T. -0.06 min

Lab File: BG039461.D

Acq: 12 Feb 2019 13:13

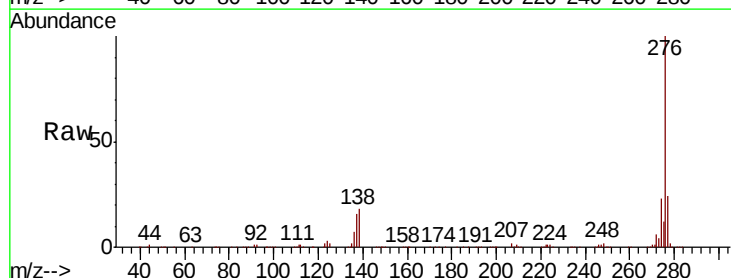
Tgt Ion:276 Resp: 844330

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 17.8 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

