

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039975.D
 Acq On : 18 Mar 2019 18:37
 Operator : JU/SJ
 Sample : PB117991BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Quant Time: Mar 19 07:49:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38920	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	168783	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	111864	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	272100	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	279161	20.00	ng	-0.02
87) Perylene-d12	25.17	264	253998	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	327968	143.76	ng	-0.02
7) Phenol-d6	7.30	99	452334	132.98	ng	-0.02
23) Nitrobenzene-d5	9.32	82	255637	81.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	172851	132.57	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	601274	76.53	ng	-0.02
79) Terphenyl-d14	20.11	244	1003683	79.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	38189	36.259	ng	98
3) Pyridine	3.98	79	98875	35.066	ng	98
4) n-Nitrosodimethylamine	3.90	42	56348	42.125	ng	# 95
6) Aniline	7.47	93	123220	27.649	ng	98
8) 2-Chlorophenol	7.71	128	117469	42.443	ng	99
9) Benzaldehyde	7.28	77	40803	18.595	ng	94
10) Phenol	7.32	94	160980	43.685	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	114144	39.728	ng	98
12) 1,3-Dichlorobenzene	8.03	146	124162	39.666	ng	99
13) 1,4-Dichlorobenzene	8.18	146	129824	40.718	ng	98
14) 1,2-Dichlorobenzene	8.50	146	121427	39.417	ng	99
15) Benzyl Alcohol	8.38	79	112421	41.663	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	236260	41.115	ng	98
17) 2-Methylphenol	8.58	107	101836	43.340	ng	98
18) Hexachloroethane	9.22	117	46182	40.367	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	91828	37.505	ng	94
20) 3+4-Methylphenols	8.91	107	137578	42.146	ng	96
22) Acetophenone	8.98	105	177579	39.200	ng	# 93
24) Nitrobenzene	9.36	77	141588	43.248	ng	98
25) Isophorone	9.88	82	260244	39.799	ng	97
26) 2-Nitrophenol	10.08	139	66965	42.364	ng	# 94
27) 2,4-Dimethylphenol	10.12	122	120208	48.897	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	160222	40.320	ng	99
29) 2,4-Dichlorophenol	10.60	162	127477	46.055	ng	92
30) 1,2,4-Trichlorobenzene	10.82	180	130537	41.911	ng	97
31) Naphthalene	11.02	128	370404	41.449	ng	99
32) Benzoic acid	10.25	122	60917	37.726	ng	94
33) 4-Chloroaniline	11.13	127	87425	23.071	ng	97
34) Hexachlorobutadiene	11.28	225	87871	41.286	ng	95
35) Caprolactam	11.91	113	26599	25.157	ng	95
36) 4-Chloro-3-methylphenol	12.23	107	134524	42.398	ng	96
37) 2-Methylnaphthalene	12.61	142	277611	41.552	ng	98
38) 1-Methylnaphthalene	12.83	142	261611	40.293	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	155724	41.092	ng	98

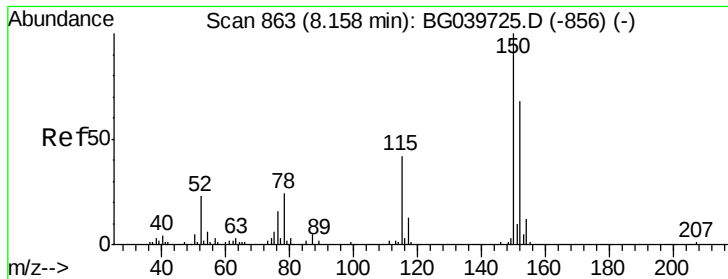
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039975.D
 Acq On : 18 Mar 2019 18:37
 Operator : JU/SJ
 Sample : PB117991BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Quant Time: Mar 19 07:49:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	192153	94.615	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	103405	46.607	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	109596	43.823	ng	97
46) 1,1'-Biphenyl	13.61	154	371719	40.401	ng	98
47) 2-Chloronaphthalene	13.66	162	283210	40.917	ng	100
48) 2-Nitroaniline	13.86	65	100252	45.070	ng	97
49) Acenaphthylene	14.50	152	455809	40.115	ng	99
50) Dimethylphthalate	14.22	163	376071	40.204	ng	100
51) 2,6-Dinitrotoluene	14.35	165	83238	41.976	ng	98
52) Acenaphthene	14.83	154	275361	40.265	ng	98
53) 3-Nitroaniline	14.69	138	58039	29.117	ng	# 96
54) 2,4-Dinitrophenol	14.89	184	70529	57.949	ng	98
55) Dibenzofuran	15.17	168	457663	40.789	ng	98
56) 4-Nitrophenol	14.98	139	139475	78.217	ng	95
57) 2,4-Dinitrotoluene	15.13	165	120575	43.274	ng	91
58) Fluorene	15.81	166	356335	40.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	106134	43.455	ng	98
60) Diethylphthalate	15.57	149	380842	41.129	ng	97
61) 4-Chlorophenyl-phenylether	15.80	204	191428	40.669	ng	98
62) 4-Nitroaniline	15.85	138	89428	41.383	ng	97
63) Azobenzene	16.10	77	351956	41.931	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	62941	39.122	ng	98
66) n-Nitrosodiphenylamine	16.02	169	330009	41.893	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	123297	40.482	ng	98
68) Hexachlorobenzene	16.81	284	129481	41.013	ng	94
69) Atrazine	16.96	200	130302	42.030	ng	98
70) Pentachlorophenol	17.16	266	158371	79.429	ng	99
71) Phenanthrene	17.56	178	605646	40.410	ng	99
72) Anthracene	17.65	178	619857	42.441	ng	99
73) Carbazole	17.92	167	542213	41.180	ng	98
74) Di-n-butylphthalate	18.45	149	654068	42.221	ng	100
75) Fluoranthene	19.56	202	739288	41.738	ng	98
77) Benzidine	19.74	184	262874	29.674	ng	99
78) Pyrene	19.93	202	741109	40.855	ng	99
80) Butylbenzylphthalate	20.79	149	307694	43.782	ng	95
81) Benzo(a)anthracene	21.78	228	694647	39.704	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	174661	27.344	ng	100
83) Chrysene	21.85	228	673170	39.688	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	425437	43.078	ng	99
85) Di-n-octyl phthalate	22.90	149	719692	44.012	ng	96
86) Indeno(1,2,3-cd)pyrene	29.03	276	771994	40.120	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	706535	46.647	ng	98
89) Benzo(k)fluoranthene	24.16	252	659576	46.782	ng	99
90) Benzo(a)pyrene	25.01	252	671652	47.988	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	629185	45.855	ng	97
92) Benzo(g,h,i)perylene	30.25	276	650554	47.208	ng	96

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

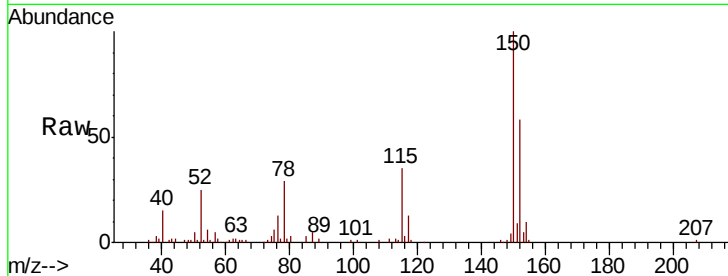


#1

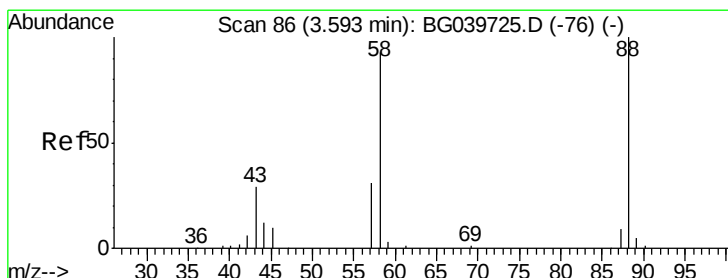
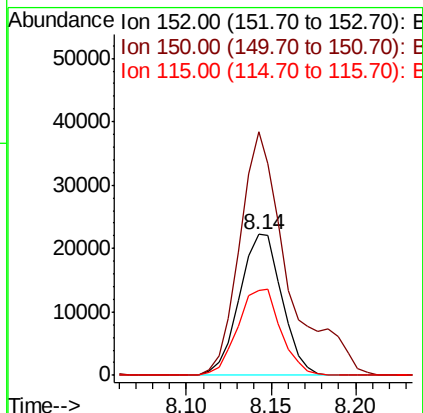
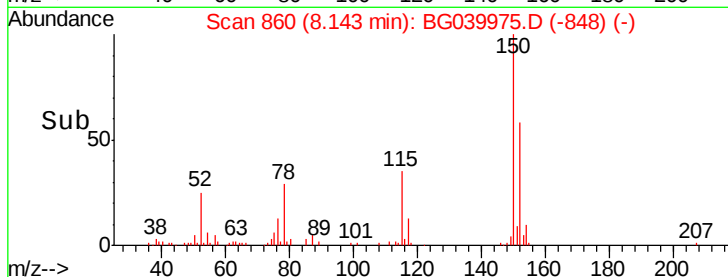
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion:152 Resp: 38920
Ion Ratio Lower Upper
152 100
150 172.6 123.7 185.5
115 60.4 45.9 68.9



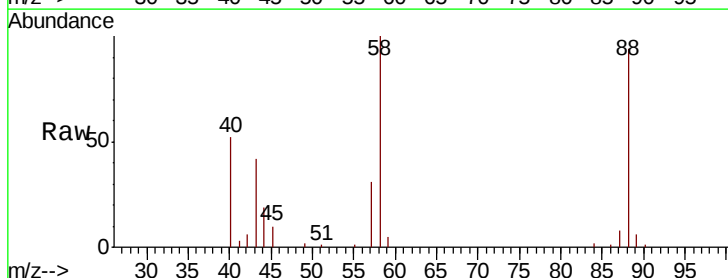
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



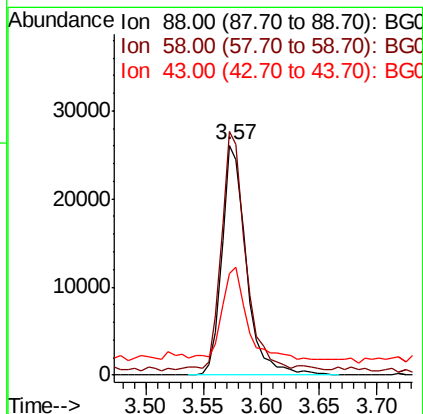
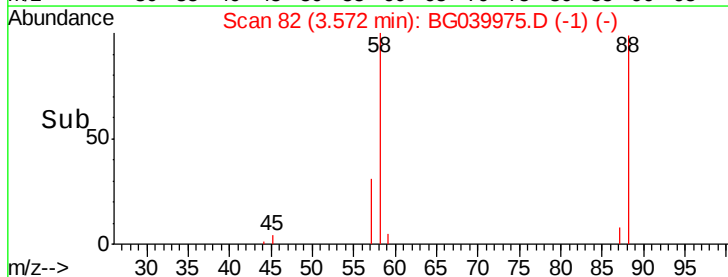
#2

1,4-Dioxane
Concen: 36.259 ng
RT: 3.57 min Scan# 82
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion: 88 Resp: 38189
Ion Ratio Lower Upper
88 100
58 103.9 81.1 121.7
43 40.1 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

Pyridine

Concen: 35.066 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

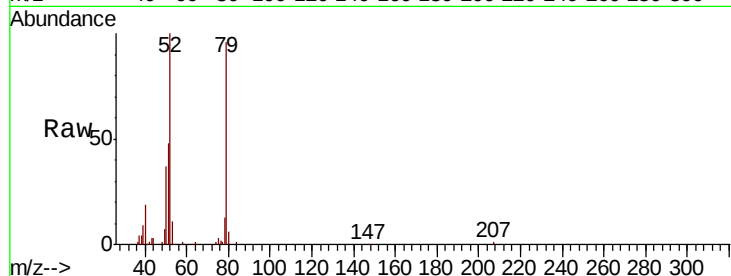
Tgt Ion: 79 Resp: 98875

Ion Ratio Lower Upper

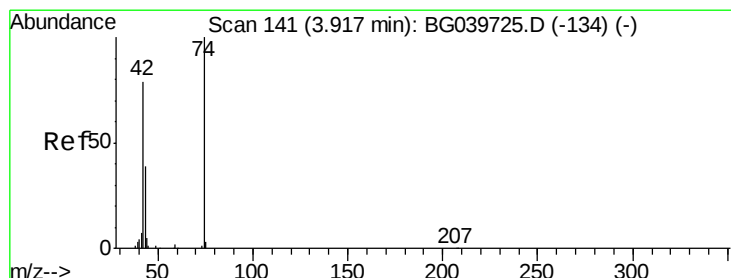
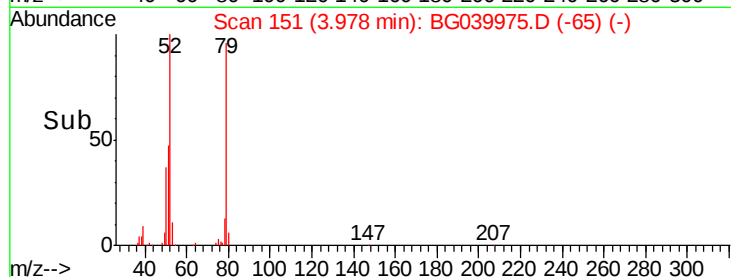
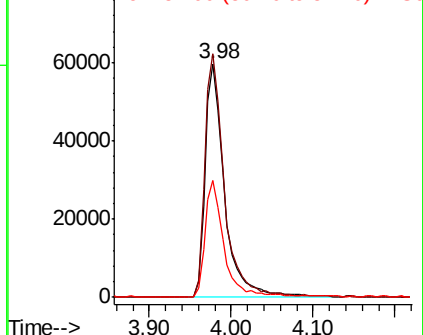
79 100

52 104.1 82.6 124.0

51 50.1 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: 42.125 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

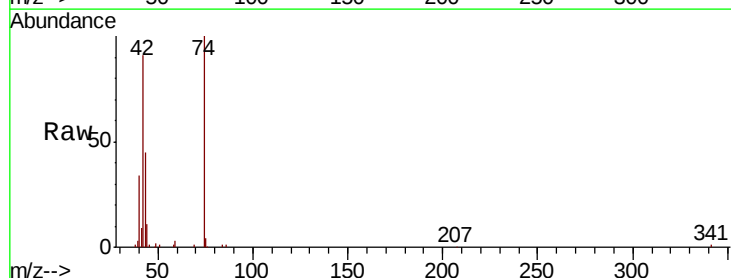
Tgt Ion: 42 Resp: 56348

Ion Ratio Lower Upper

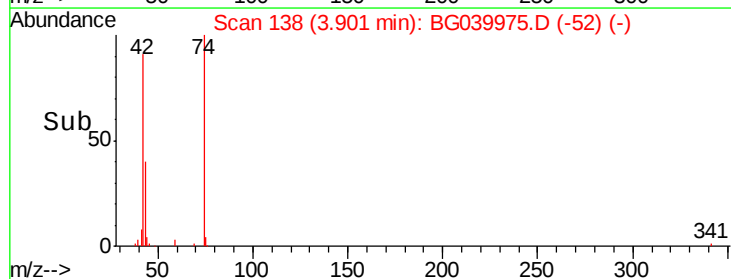
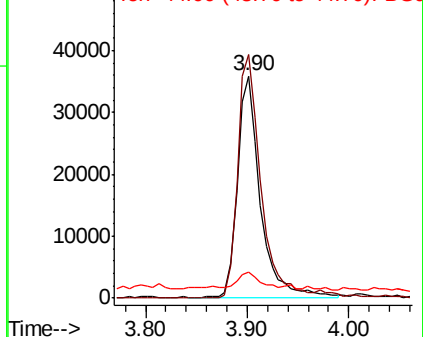
42 100

74 109.8 83.6 125.4

44 11.9 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: 143.761 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

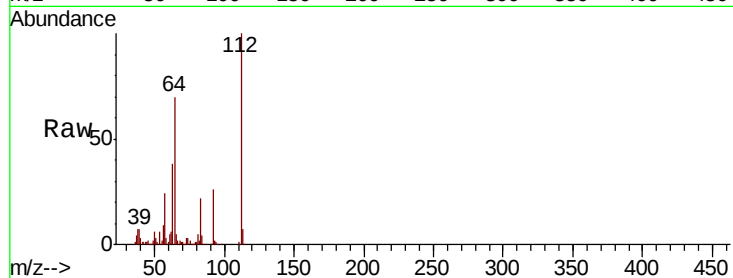
Tgt Ion: 112 Resp: 327968

Ion Ratio Lower Upper

112 100

64 69.9 57.8 86.8

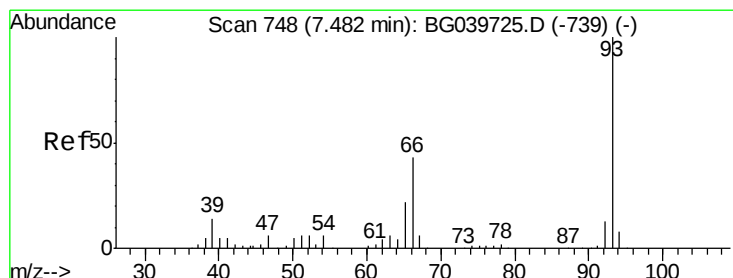
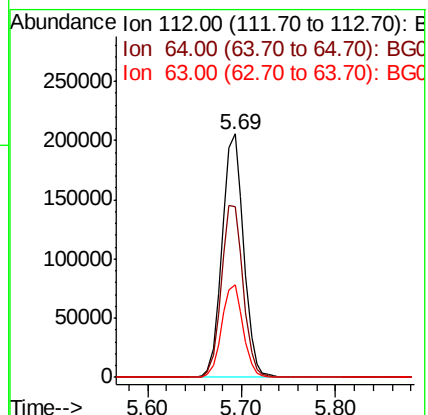
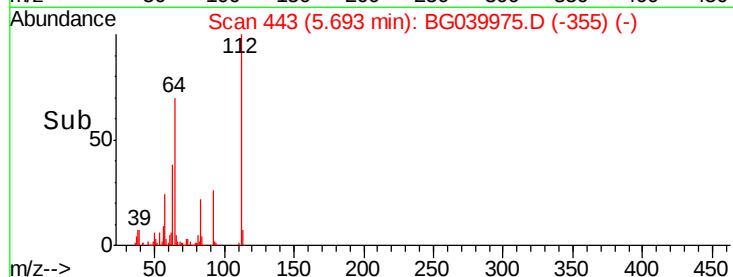
63 37.8 29.8 44.6



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: 27.649 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

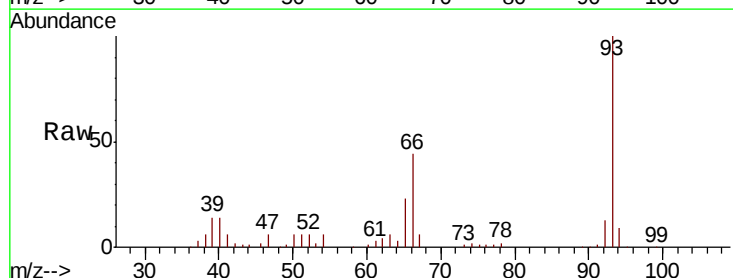
Tgt Ion: 93 Resp: 123220

Ion Ratio Lower Upper

93 100

66 44.1 34.2 51.4

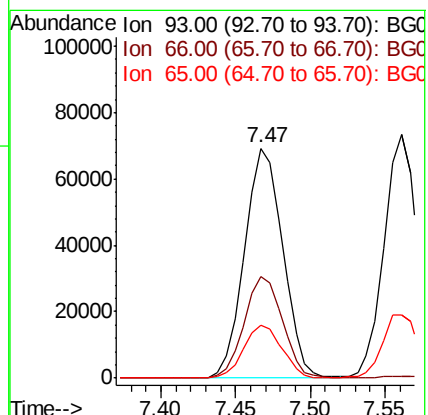
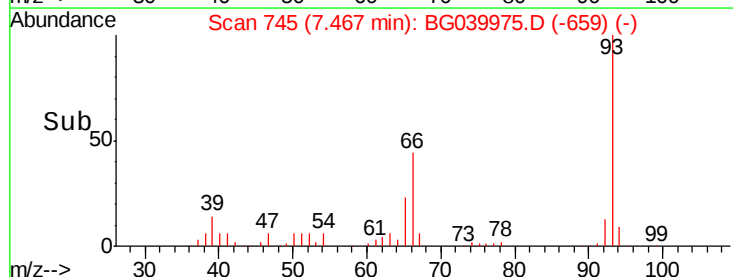
65 23.2 17.7 26.5

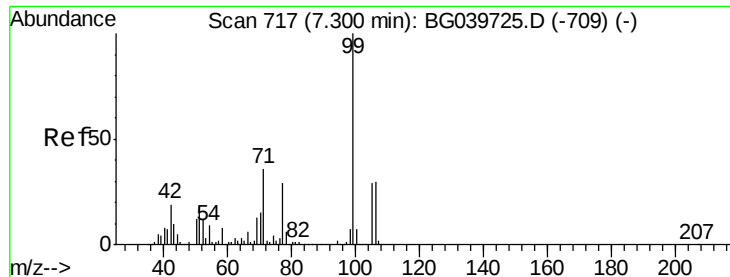


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.976 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

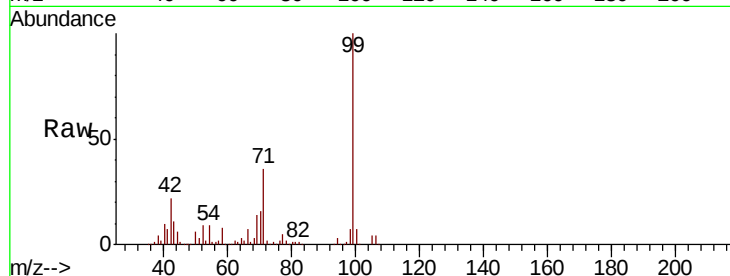
Tgt Ion: 99 Resp: 452334

Ion Ratio Lower Upper

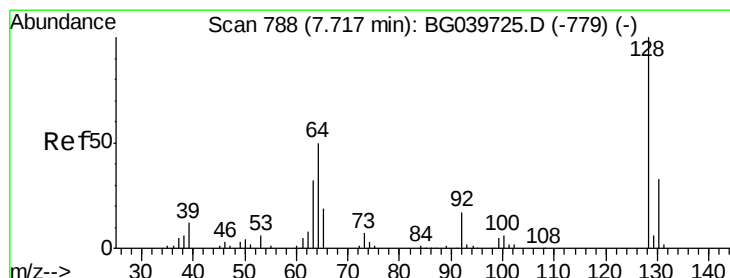
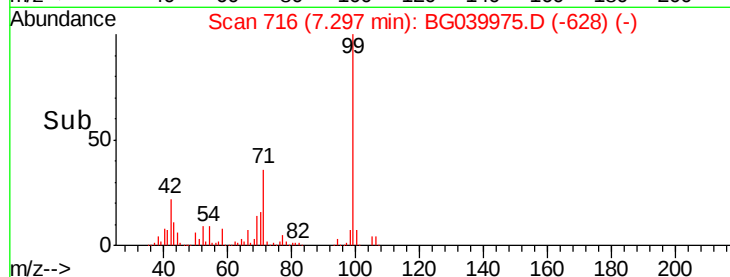
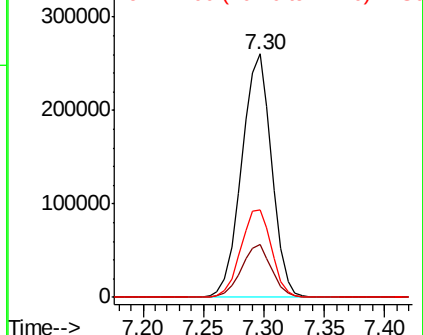
99 100

42 21.7 18.2 27.2

71 36.2 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: 42.443 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

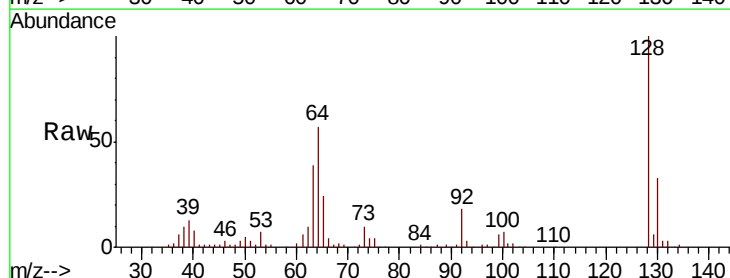
Tgt Ion: 128 Resp: 117469

Ion Ratio Lower Upper

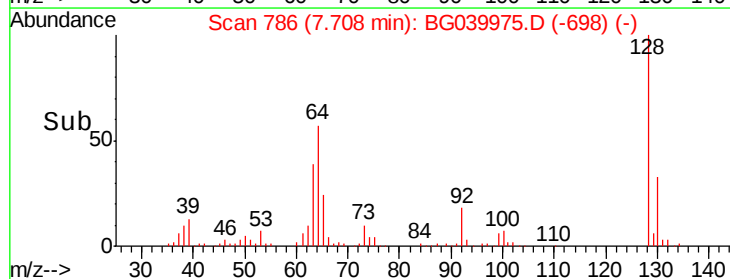
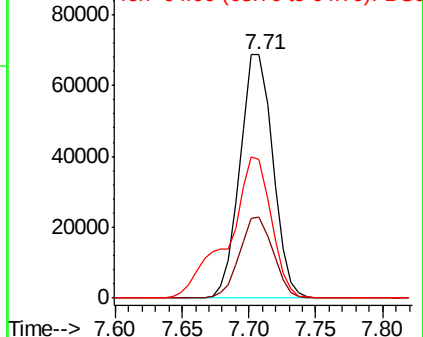
128 100

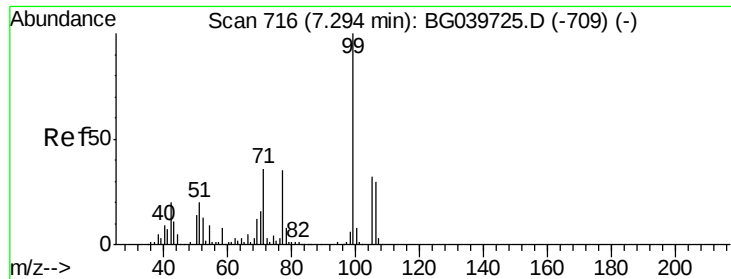
130 33.1 12.9 52.9

64 57.2 38.7 78.7



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





#9

Benzaldehyde

Concen: 18.595 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

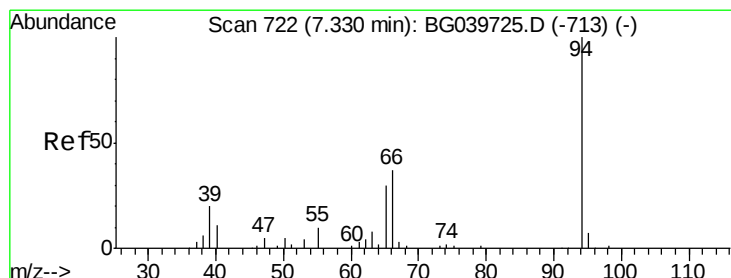
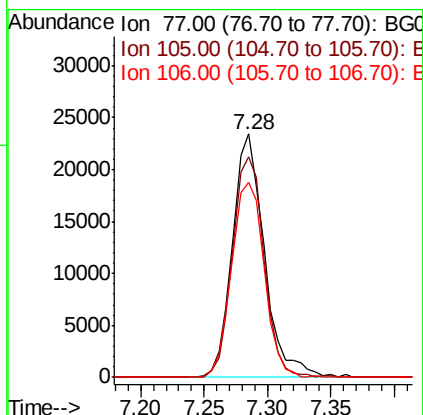
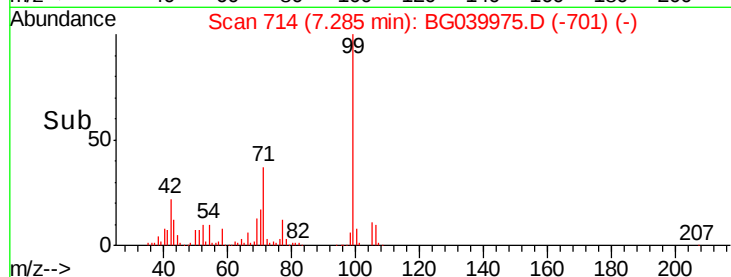
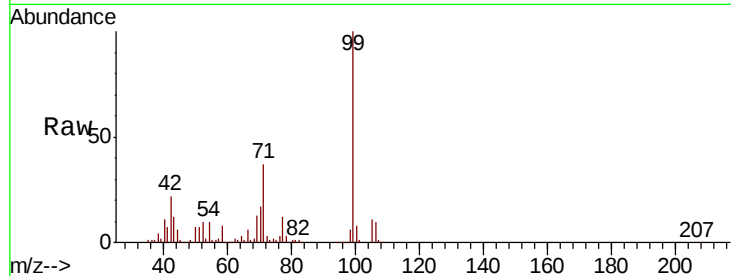
Tgt Ion: 77 Resp: 40803

Ion Ratio Lower Upper

77 100

105 90.5 74.5 114.5

106 80.3 68.0 108.0



#10

Phenol

Concen: 43.685 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

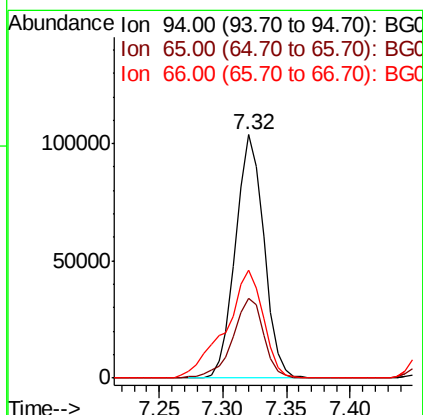
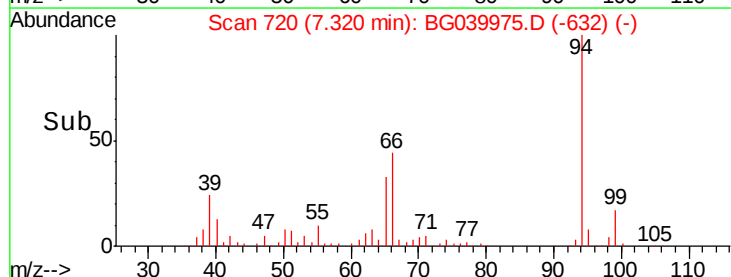
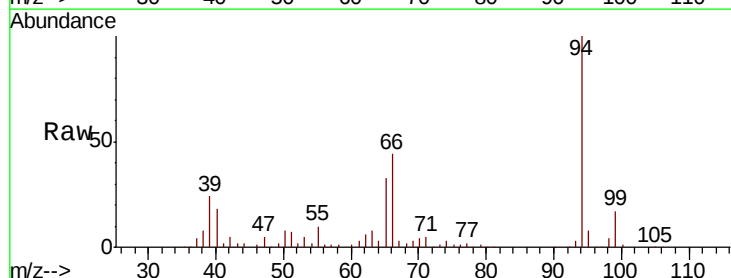
Tgt Ion: 94 Resp: 160980

Ion Ratio Lower Upper

94 100

65 33.0 11.7 51.7

66 44.2 23.7 63.7

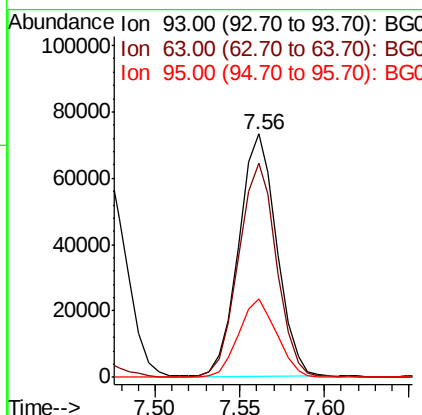
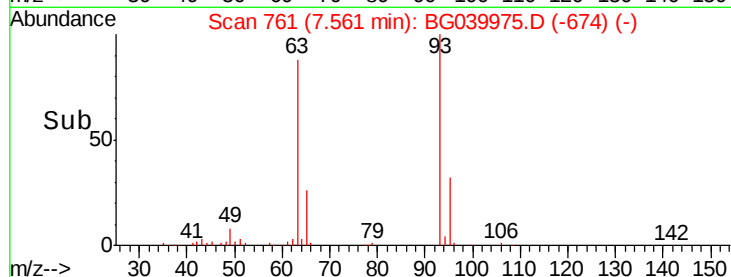
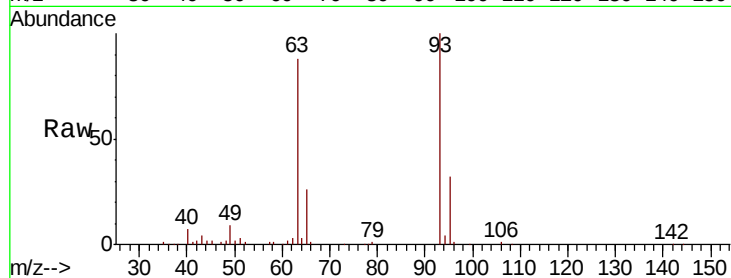




#11
 bis(2-Chloroethyl)ether
 Concen: 39.728 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

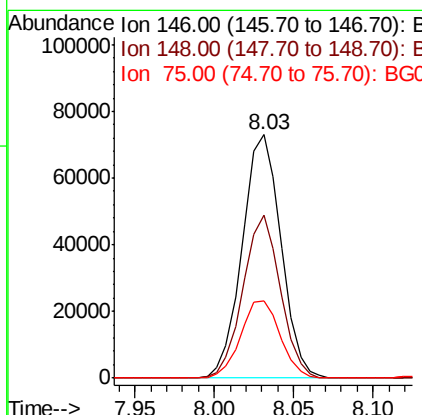
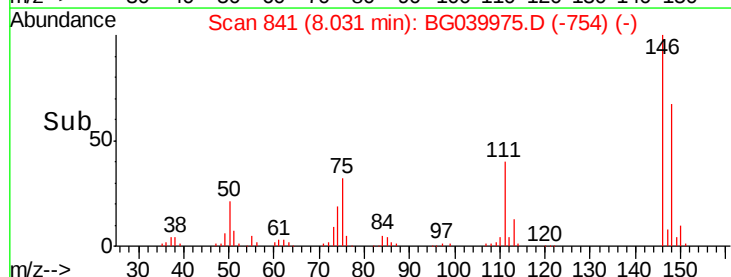
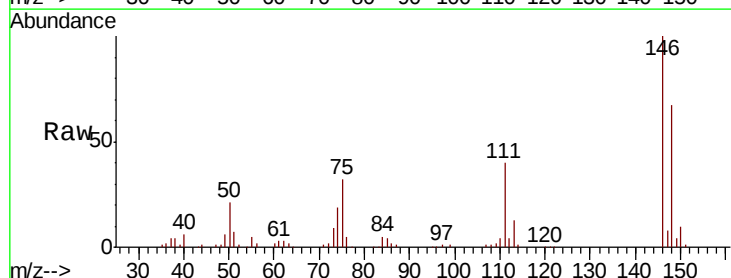
Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tgt Ion: 93 Resp: 114144
 Ion Ratio Lower Upper
 93 100
 63 87.8 69.5 109.5
 95 32.1 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 39.666 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion: 146 Resp: 124162
 Ion Ratio Lower Upper
 146 100
 148 66.8 52.6 79.0
 75 31.6 25.8 38.6

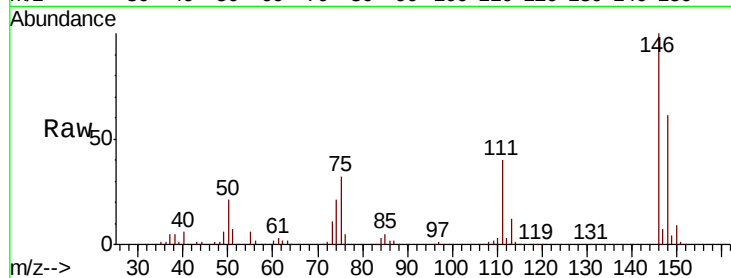




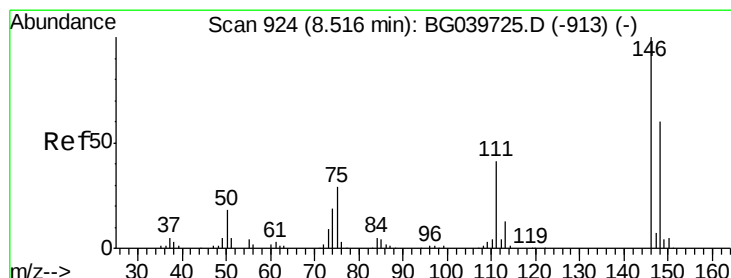
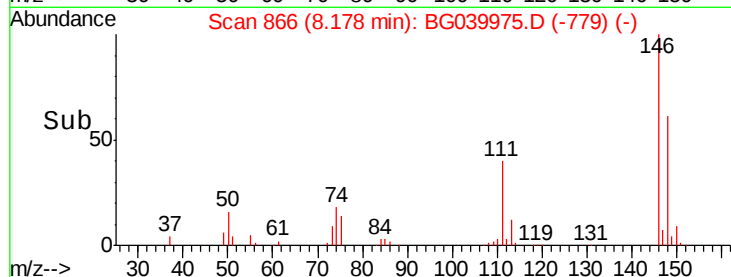
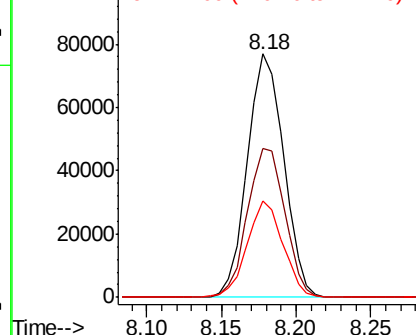
#13
1,4-Dichlorobenzene
Concen: 40.718 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion:146 Resp: 129824
Ion Ratio Lower Upper
146 100
148 61.4 51.1 76.7
111 39.8 32.6 48.8

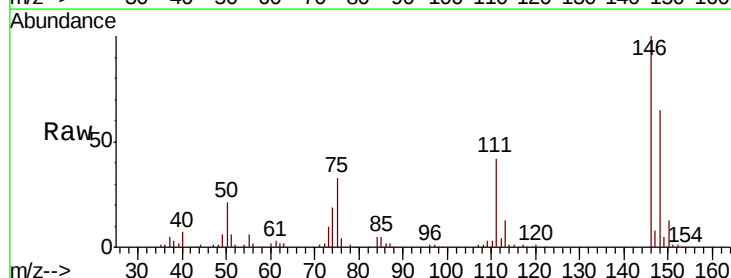


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

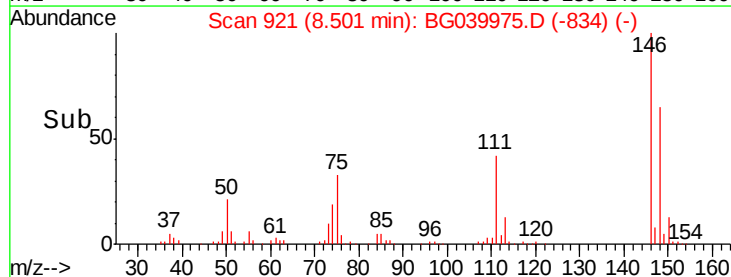
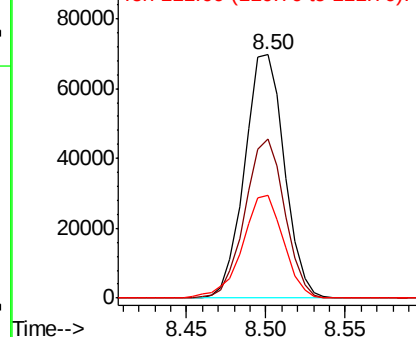


#14
1,2-Dichlorobenzene
Concen: 39.417 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:146 Resp: 121427
Ion Ratio Lower Upper
146 100
148 65.2 51.5 77.3
111 42.3 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: 41.663 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

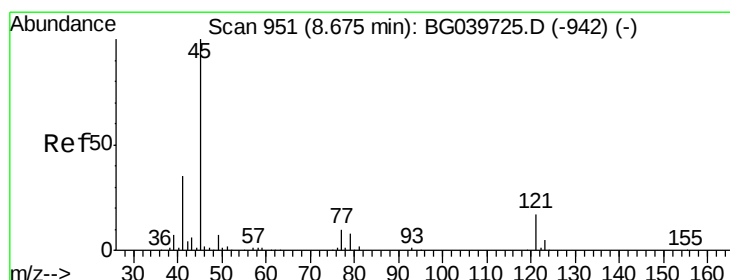
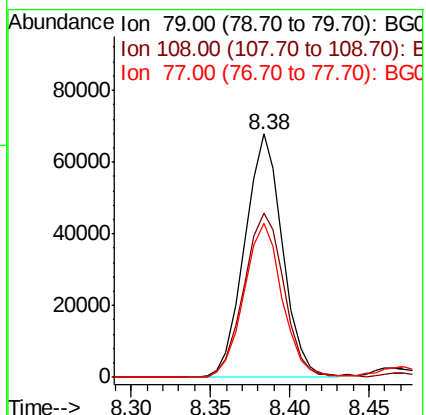
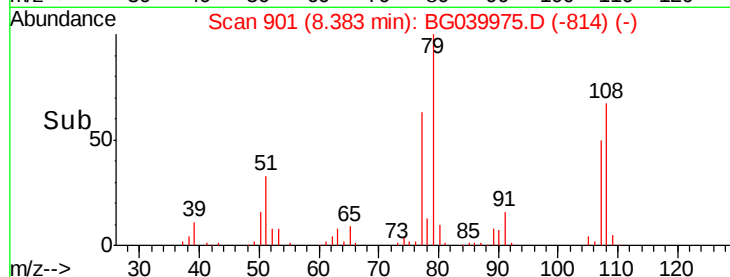
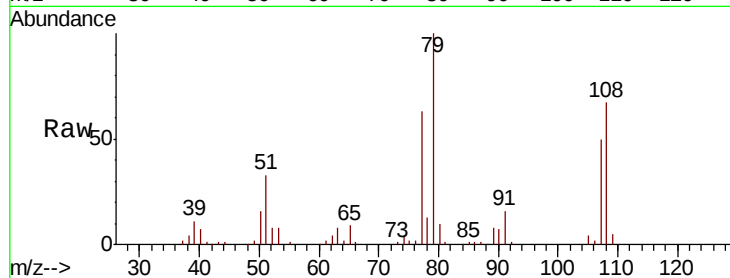
Tgt Ion: 79 Resp: 112421

Ion Ratio Lower Upper

79 100

108 67.2 57.8 86.6

77 63.3 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.115 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

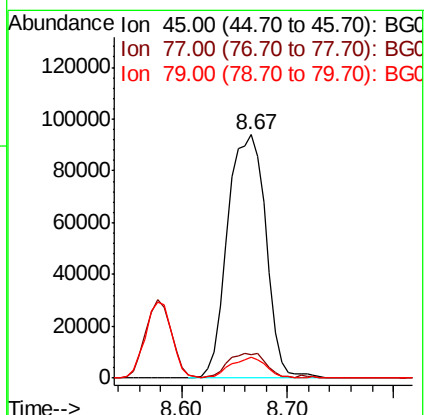
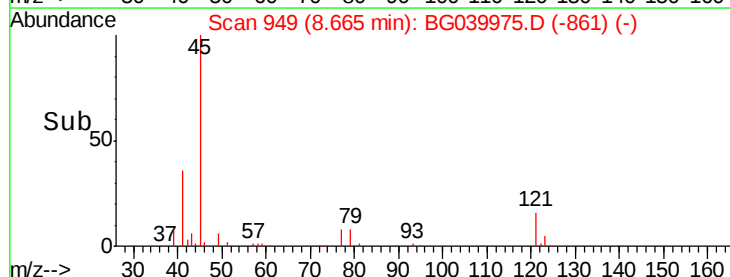
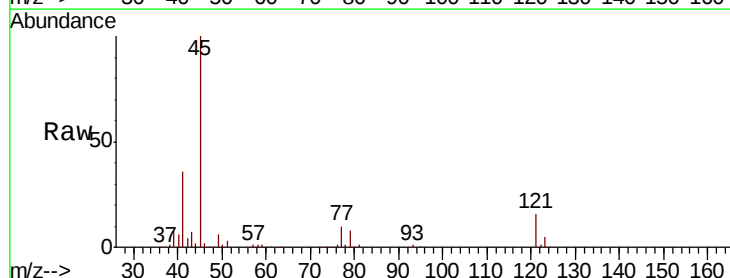
Tgt Ion: 45 Resp: 236260

Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 8.4 0.0 27.5

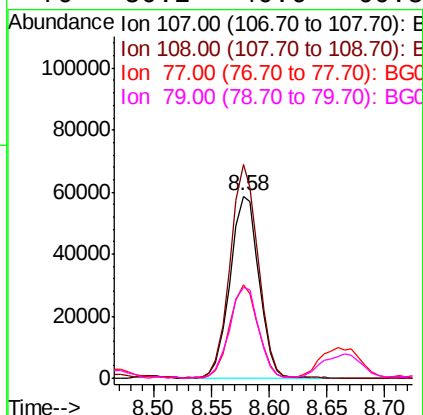
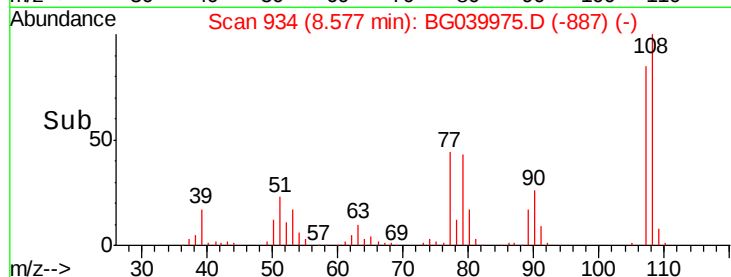
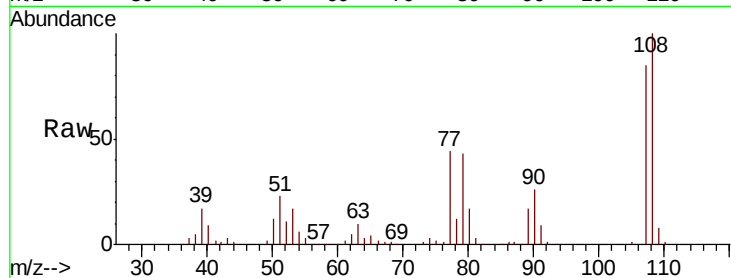




#17
2-Methylphenol
Concen: 43.340 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

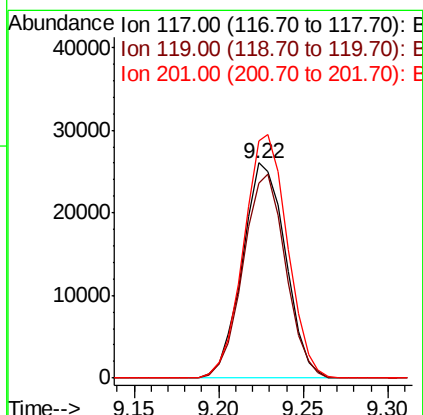
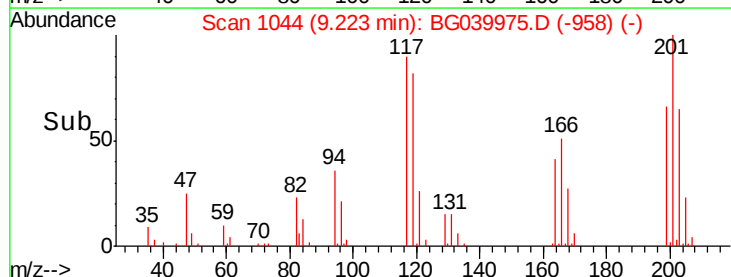
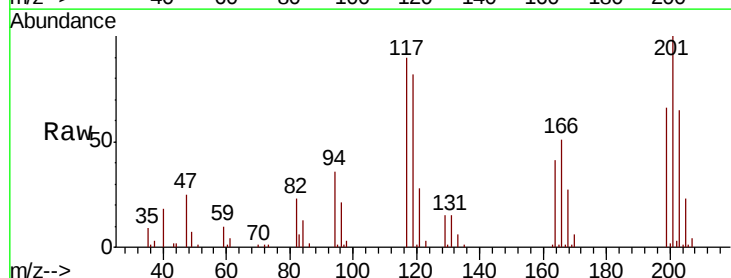
Instrument :
BNA_G
ClientSampleId :
PB117991BSD

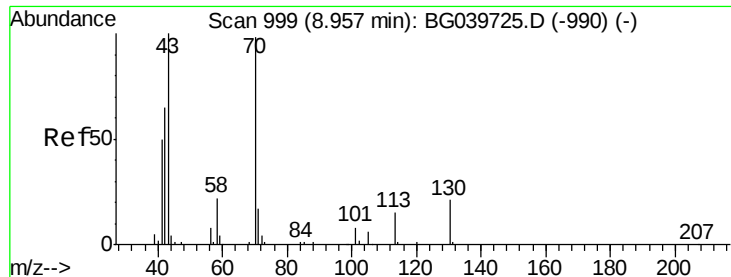
Tgt Ion:	107	Resp:	101836
Ion	Ratio	Lower	Upper
107	100		
108	117.3	90.8	136.2
77	51.6	40.7	61.1
79	50.2	40.6	60.8



#18
Hexachloroethane
Concen: 40.367 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:	117	Resp:	46182
Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.3	114.5
201	110.5	91.1	136.7

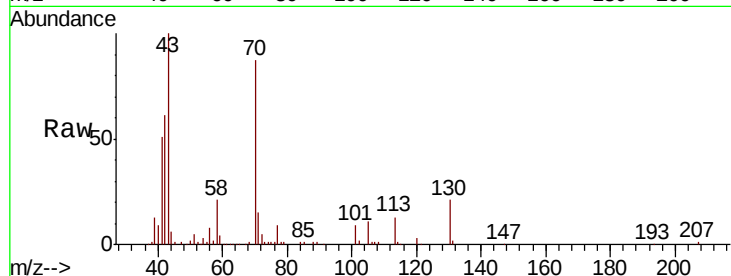




#19
n-Nitroso-di-n-propylamine
Concen: 37.505 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion:	70	Resp:	91828
Ion	Ratio	Lower	Upper
70	100		
42	70.2	60.4	90.6
101	10.4	7.5	11.3
130	23.6	16.9	25.3



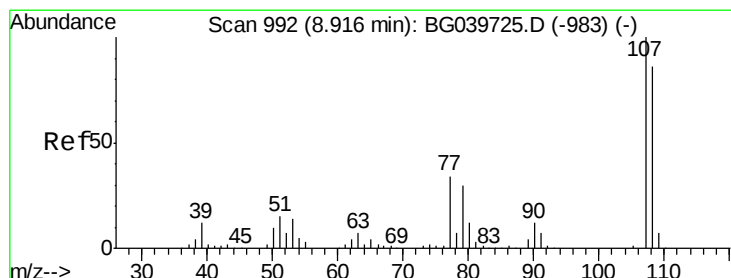
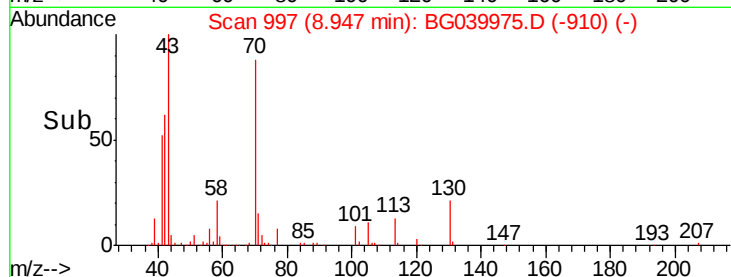
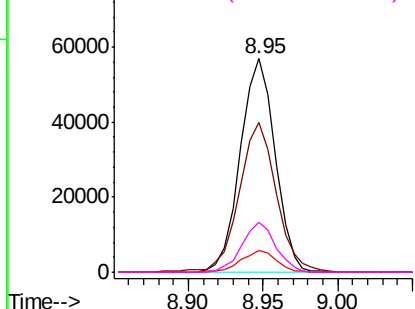
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

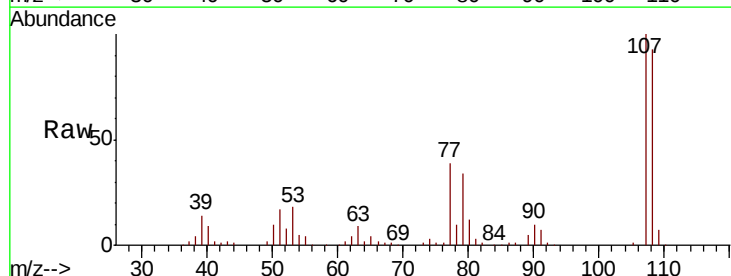
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.146 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:	107	Resp:	137578
Ion	Ratio	Lower	Upper
107	100		
108	93.2	67.9	107.9
77	38.5	15.4	55.4
79	33.5	13.7	53.7



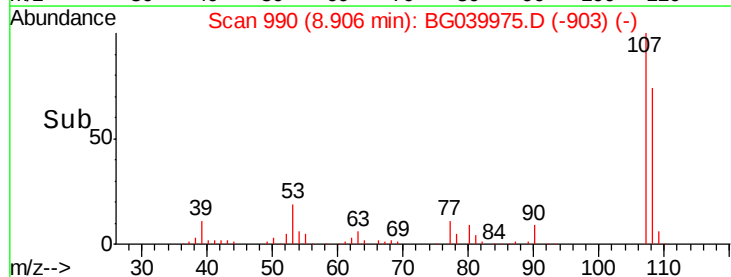
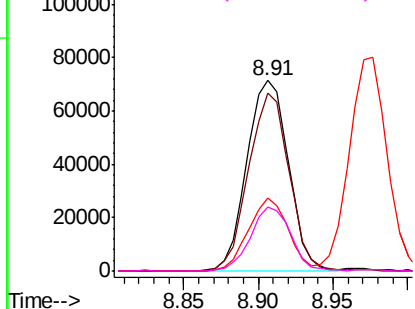
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

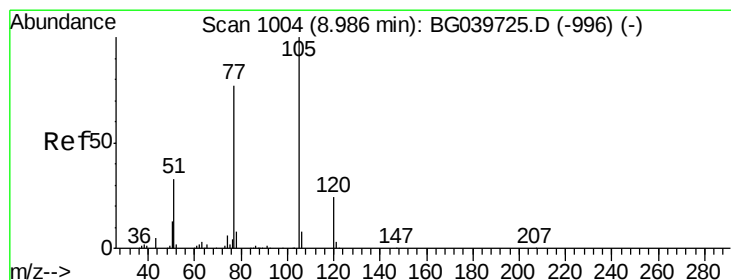
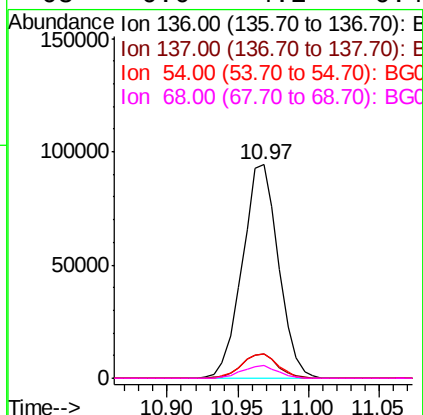
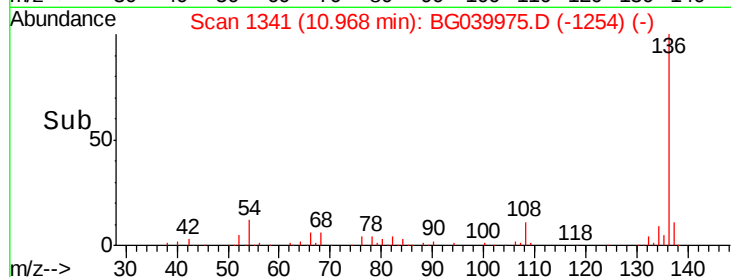
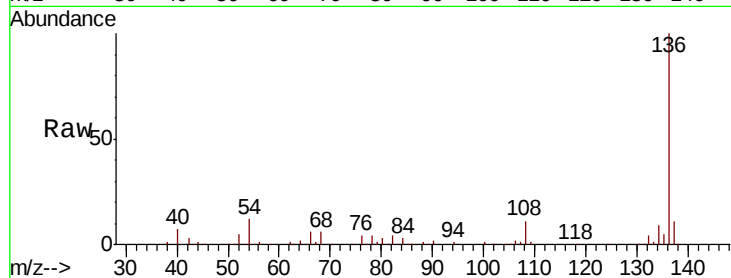




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

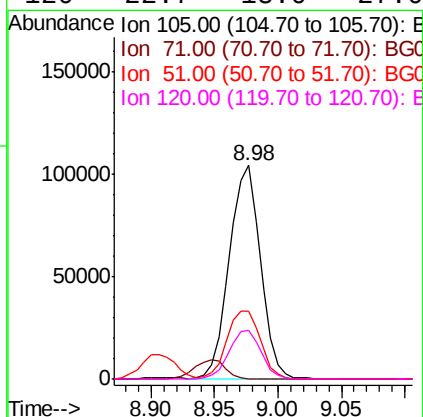
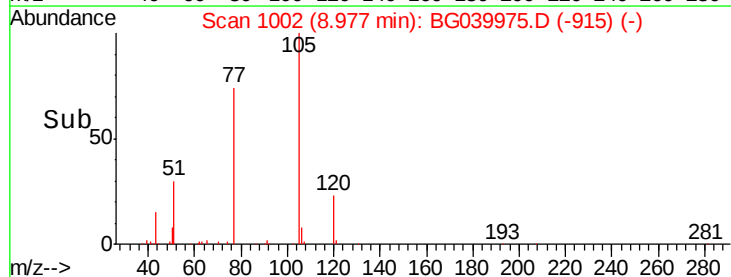
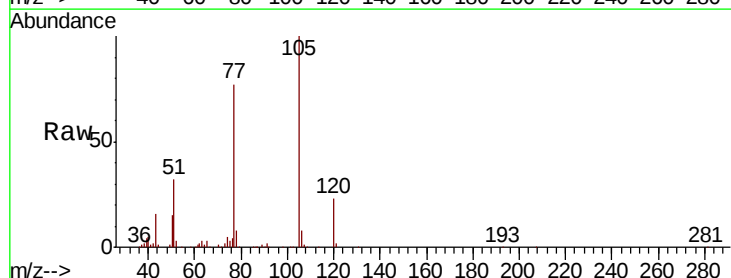
Instrument :
BNA_G
ClientSampleId :
PB117991BSD

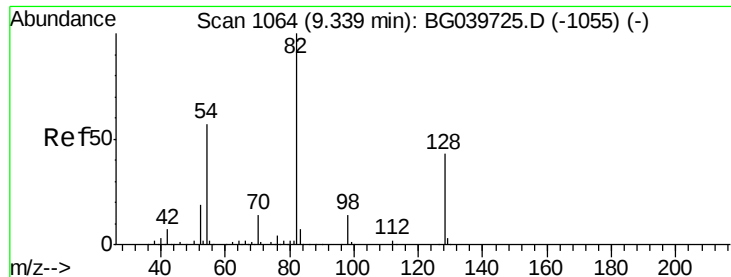
Tgt Ion:	136	Resp:	168783
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.6	9.4	14.2
68	6.0	4.2	6.4



#22
Acetophenone
Concen: 39.200 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:	105	Resp:	177579
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	31.5	30.2	45.2
120	22.7	18.0	27.0

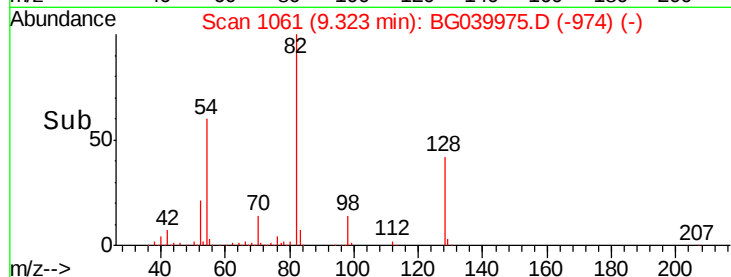
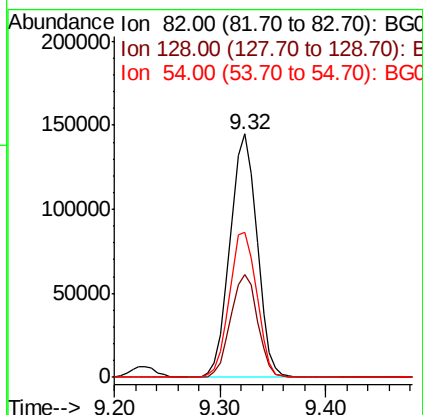
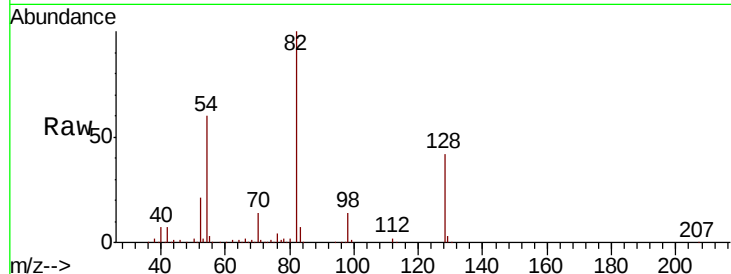




#23
Nitrobenzene-d5
Concen: 81.915 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

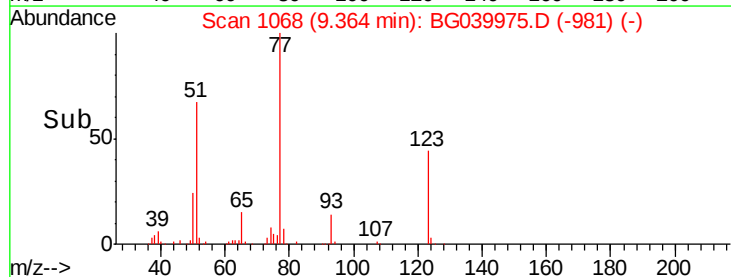
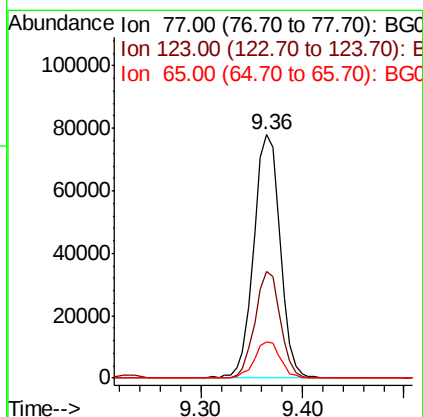
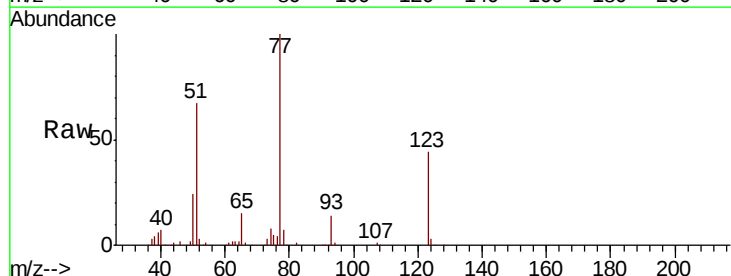
Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	59.6	50.9	76.3



#24
Nitrobenzene
Concen: 43.248 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.1	51.1
65	14.8	12.3	18.5





#25

Isophorone

Concen: 39.799 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

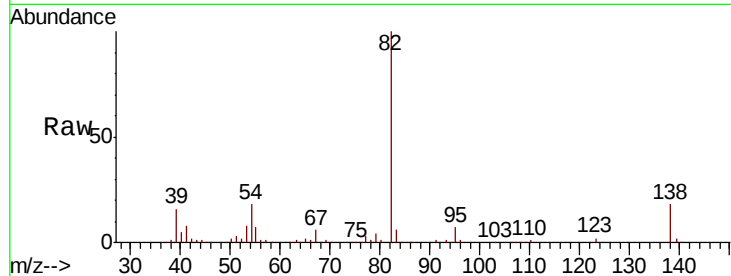
Tgt Ion: 82 Resp: 260244

Ion Ratio Lower Upper

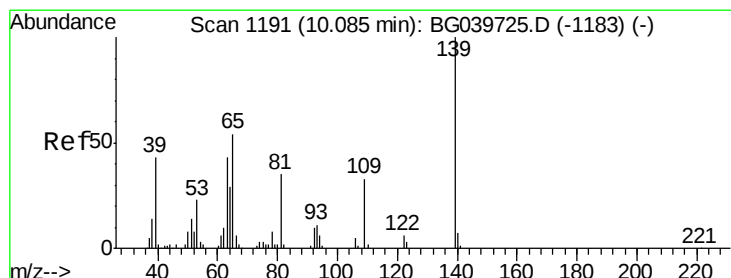
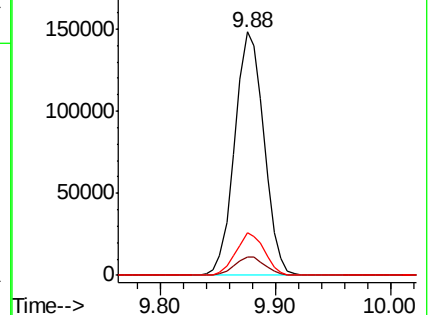
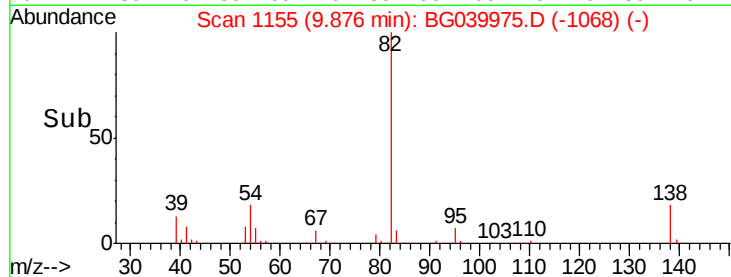
82 100

95 7.3 6.2 9.2

138 17.6 13.0 19.4



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



#26

2-Nitrophenol

Concen: 42.364 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

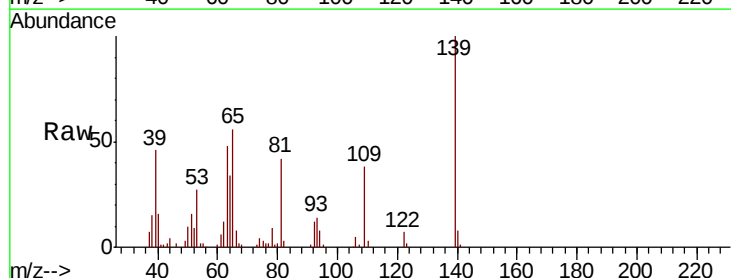
Tgt Ion: 139 Resp: 66965

Ion Ratio Lower Upper

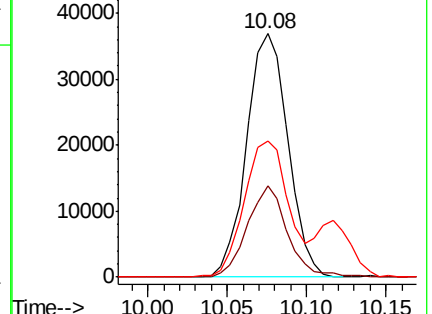
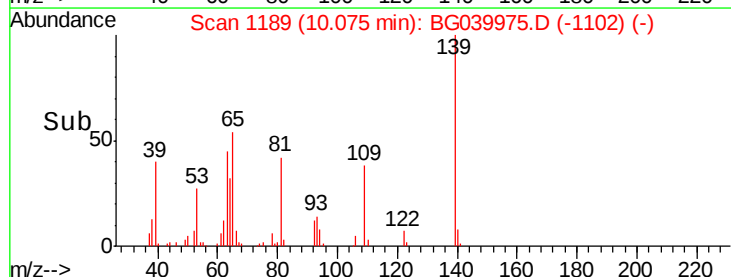
139 100

109 37.6 23.4 35.0#

65 55.8 44.3 66.5



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

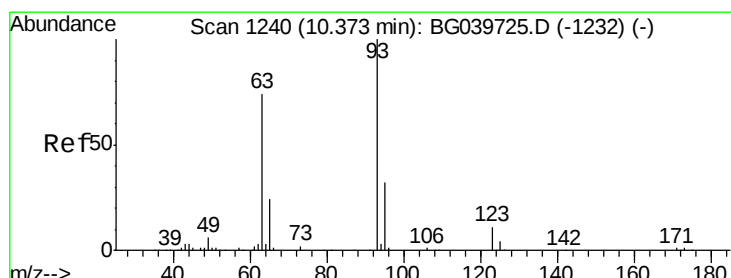
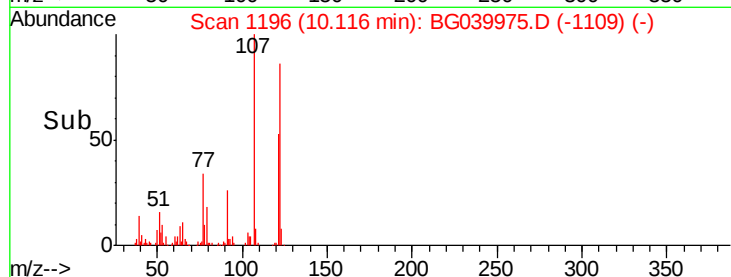
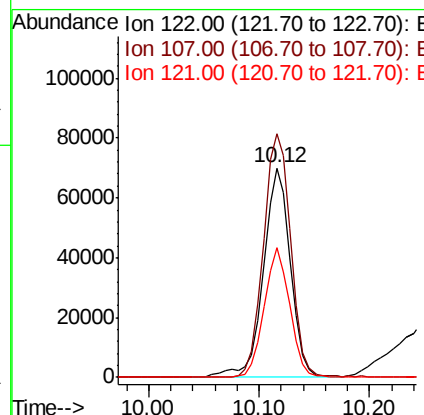
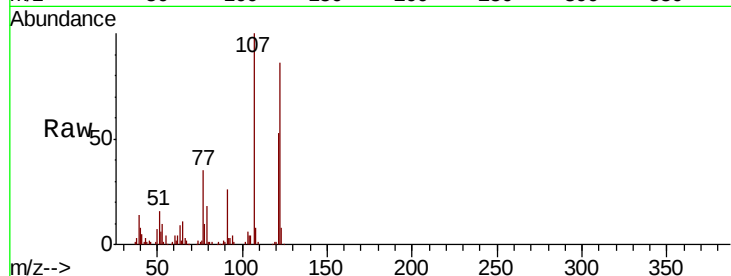




#27
 2,4-Dimethylphenol
 Concen: 48.897 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

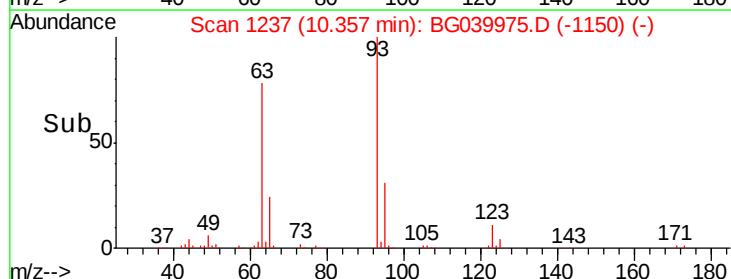
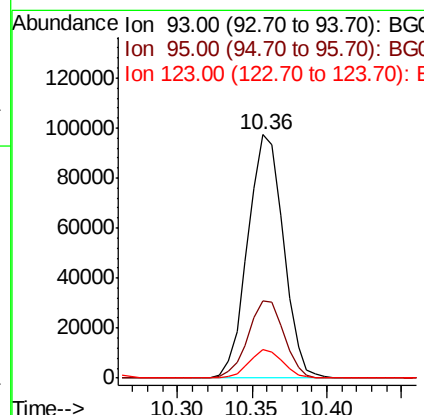
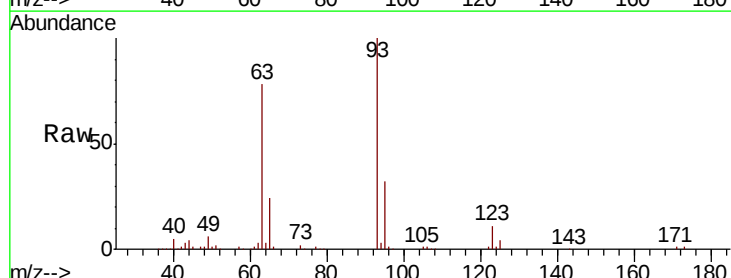
Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.3	91.7	137.5
121	61.8	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.320 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.0	37.4
123	11.5	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 46.055 ng

RT: 10.60 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

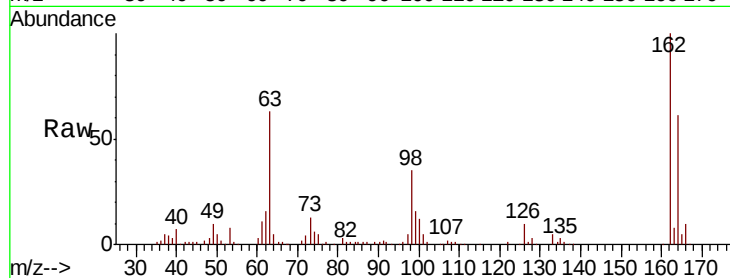
Tgt Ion:162 Resp: 127477

Ion Ratio Lower Upper

162 100

164 60.6 48.1 88.1

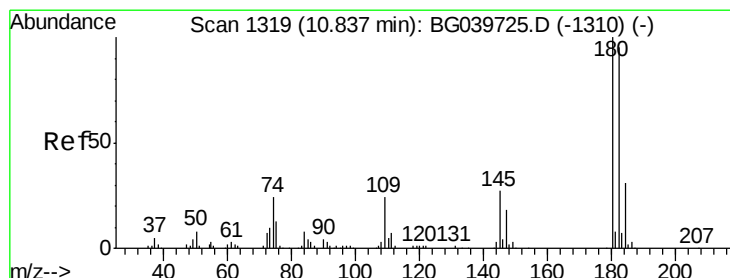
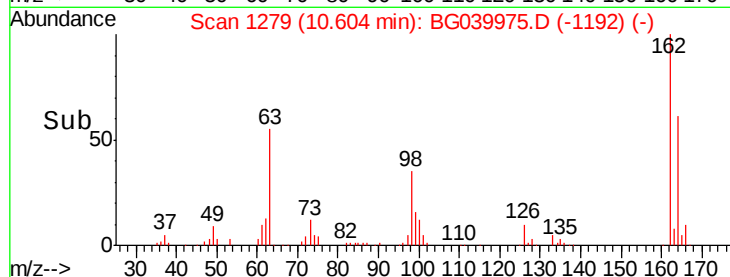
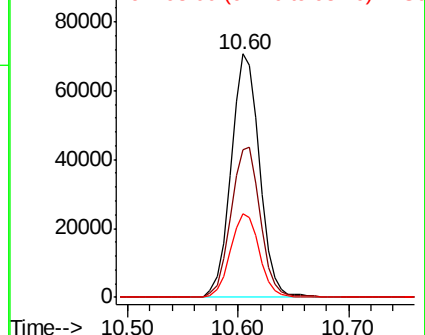
98 34.5 18.1 58.1



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): B



#30

1,2,4-Trichlorobenzene

Concen: 41.911 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

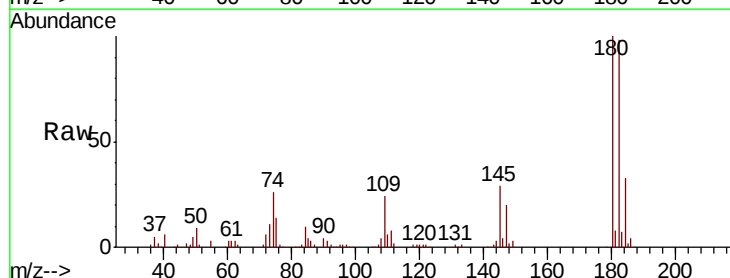
Tgt Ion:180 Resp: 130537

Ion Ratio Lower Upper

180 100

182 98.4 76.0 114.0

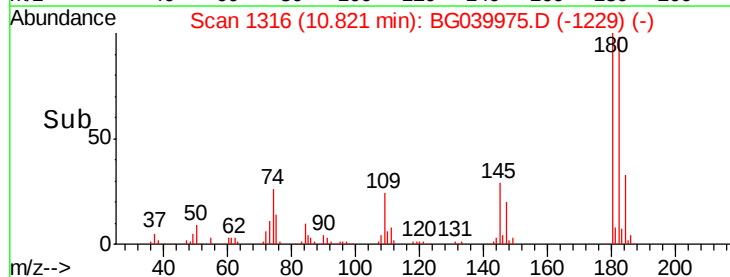
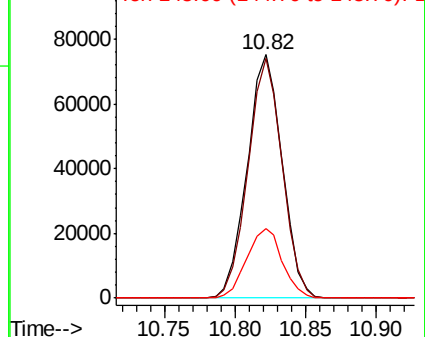
145 28.6 22.7 34.1

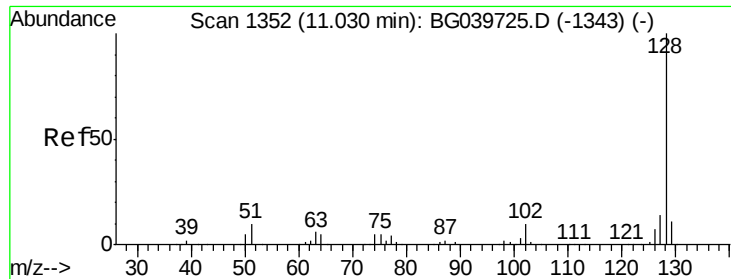


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

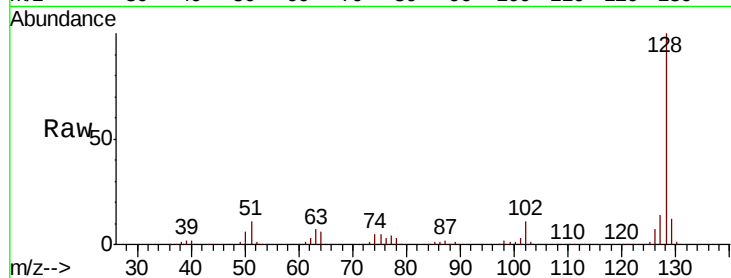




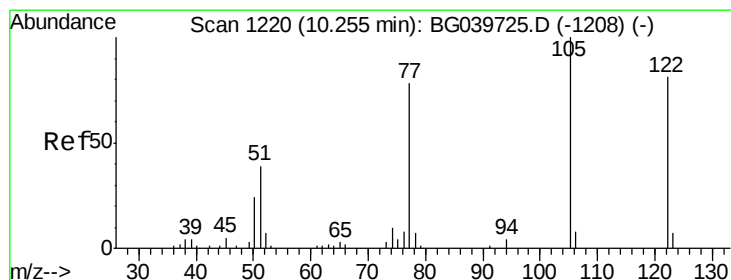
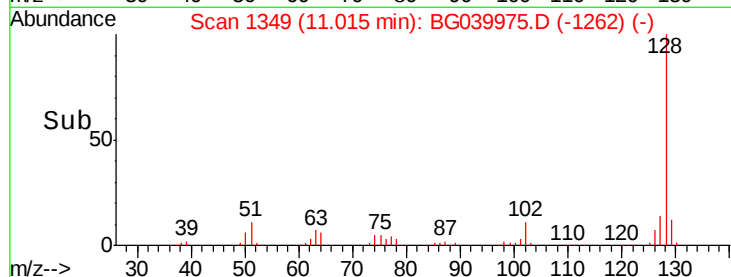
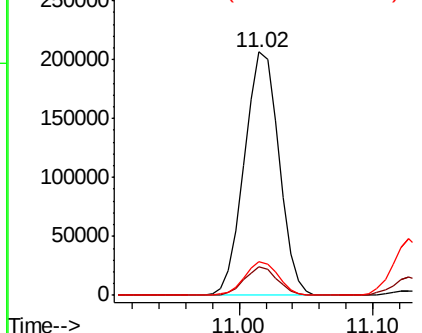
#31
Naphthalene
Concen: 41.449 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion:128 Resp: 370404
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.8 10.8 16.2

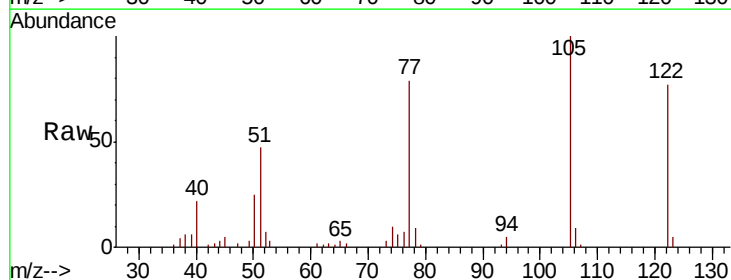


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

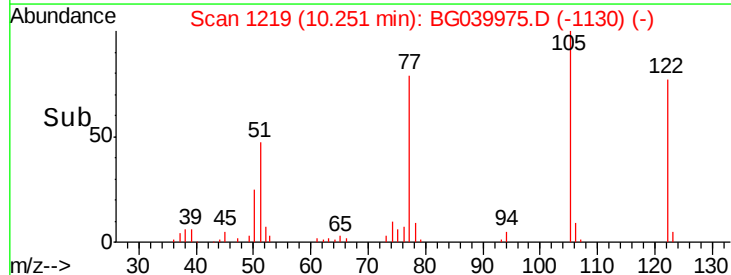
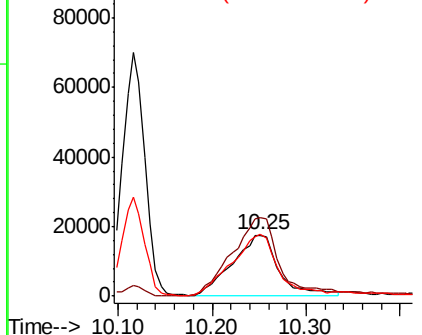


#32
Benzoic acid
Concen: 37.726 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:122 Resp: 60917
Ion Ratio Lower Upper
122 100
105 129.5 101.8 141.8
77 101.8 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

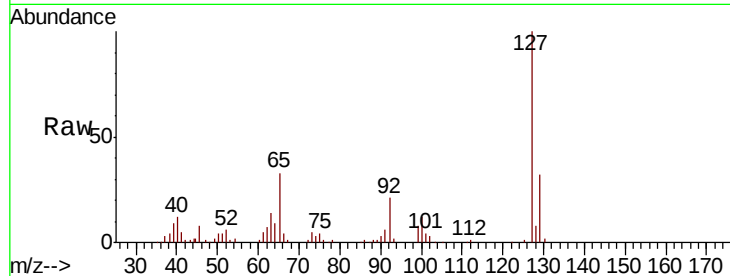




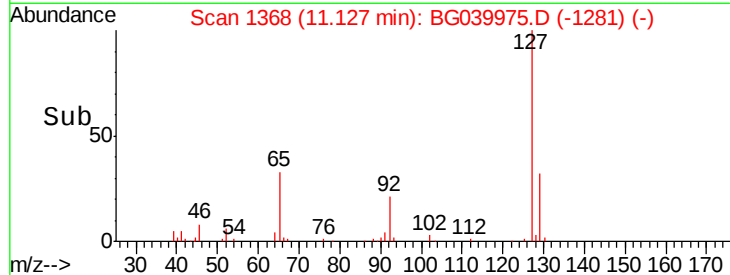
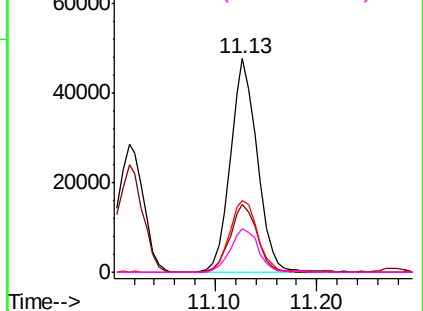
#33
4-Chloroaniline
Concen: 23.071 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion:	127	Resp:	87425
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.0	40.4
65	33.3	28.8	43.2
92	20.5	16.6	25.0

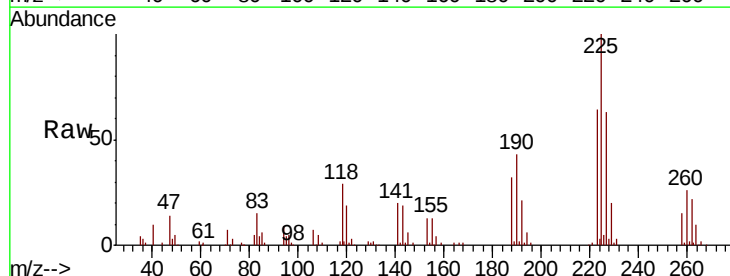


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

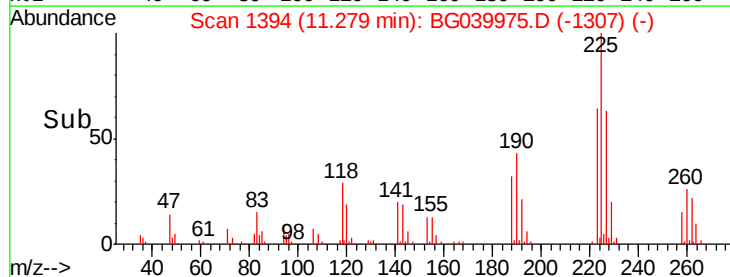
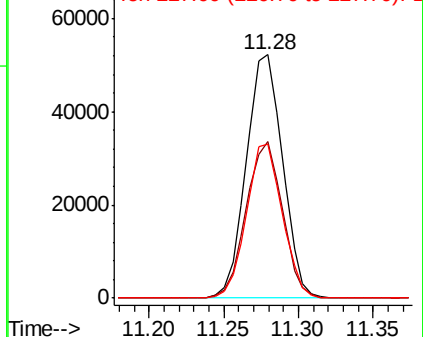


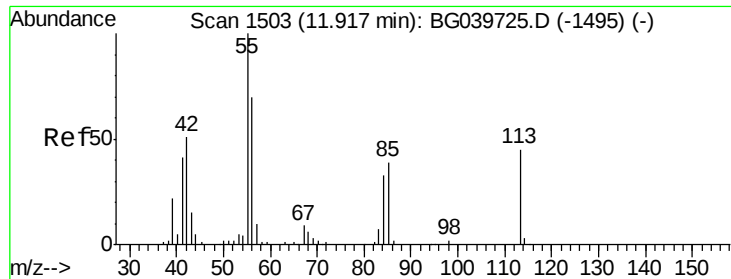
#34
Hexachlorobutadiene
Concen: 41.286 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:	225	Resp:	87871
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.0	73.6
227	63.2	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: 25.157 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

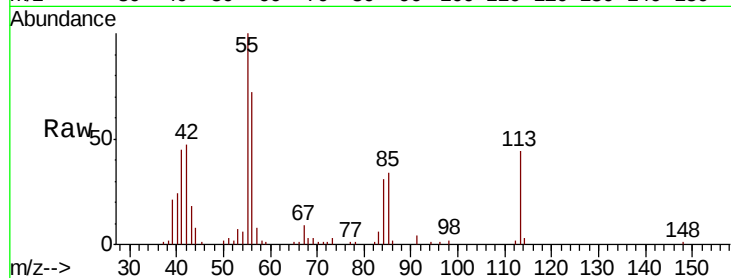
Tgt Ion:113 Resp: 26599

Ion Ratio Lower Upper

113 100

55 229.1 216.9 256.9

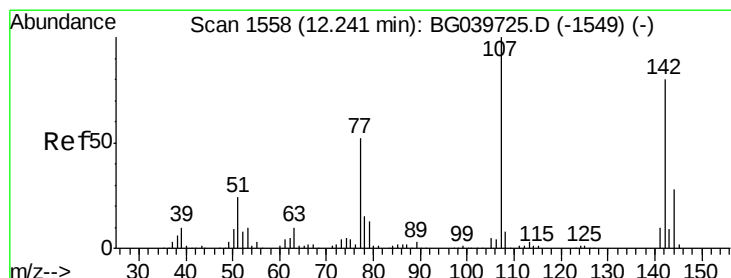
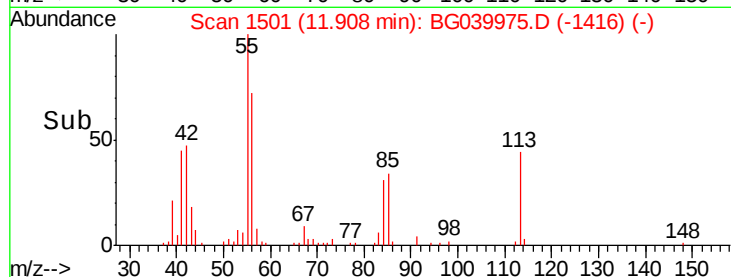
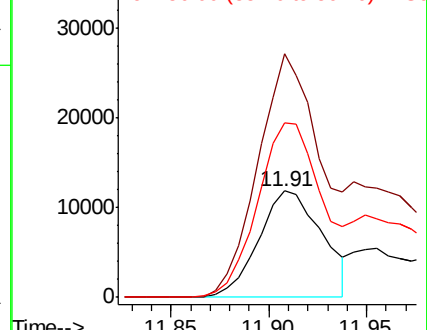
56 164.0 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.398 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

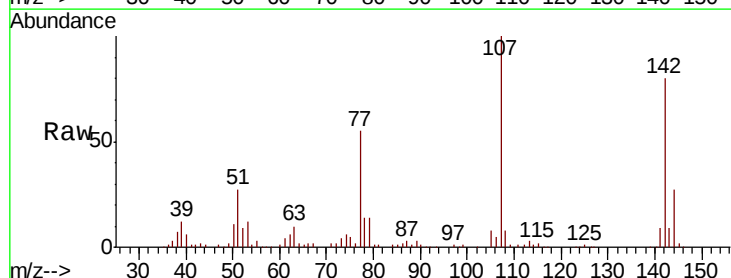
Tgt Ion:107 Resp: 134524

Ion Ratio Lower Upper

107 100

144 26.7 20.2 30.2

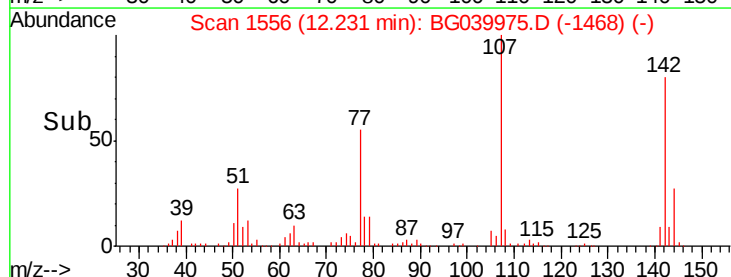
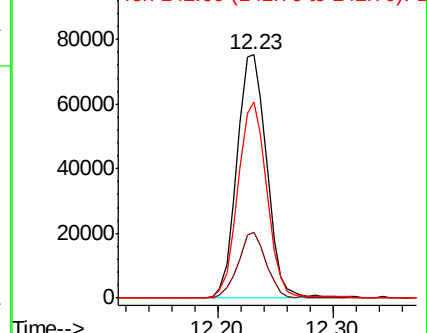
142 80.4 61.4 92.2

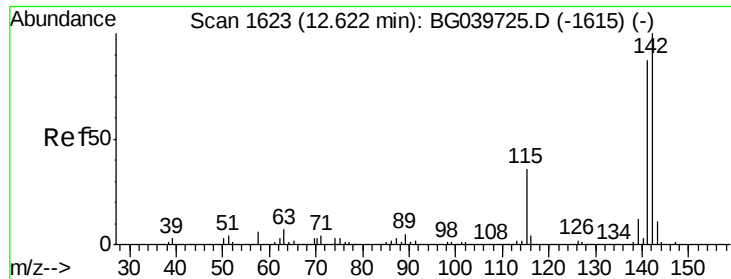


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

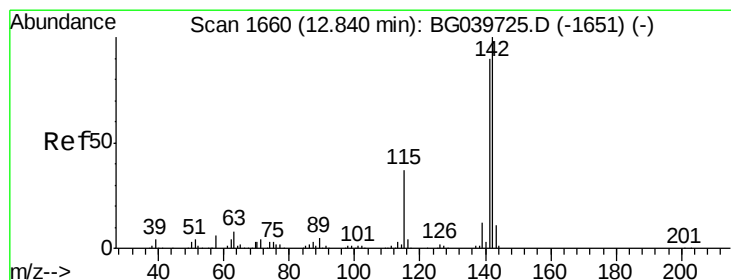
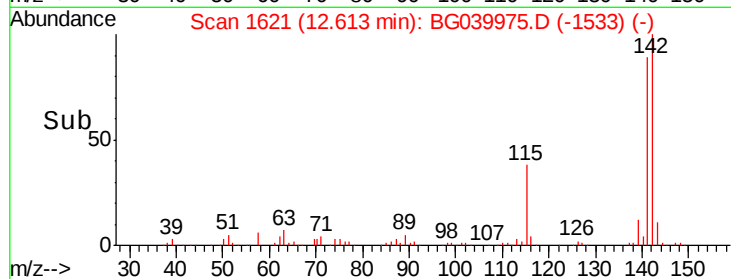
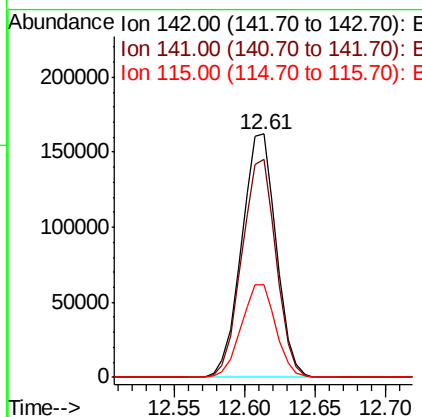
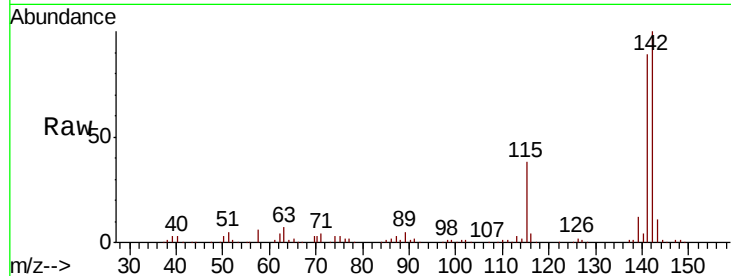




#37
2-Methylnaphthalene
Concen: 41.552 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

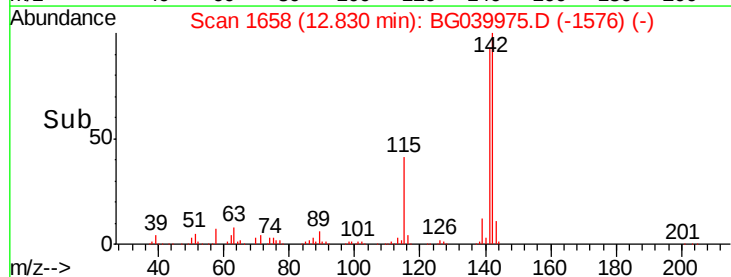
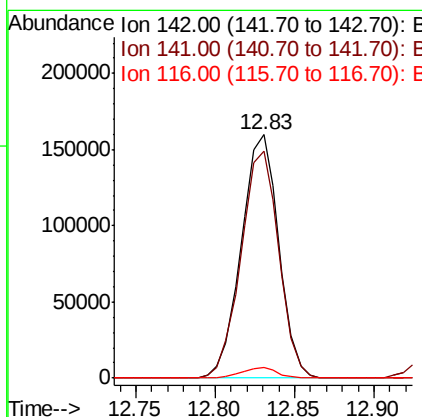
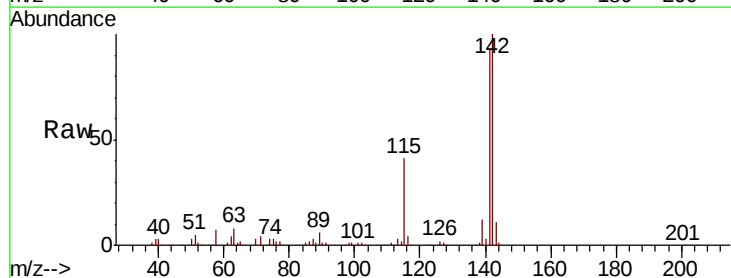
Instrument :
BNA_G
ClientSampleId :
PB117991BSD

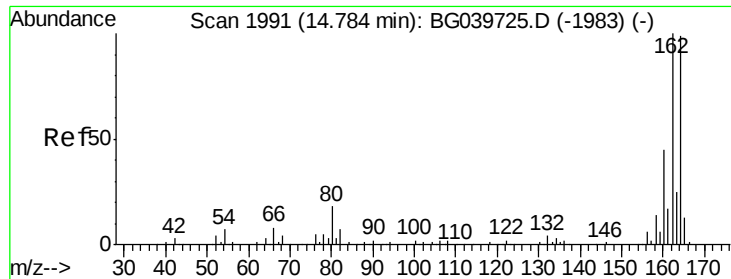
Tgt Ion:142 Resp: 277611
Ion Ratio Lower Upper
142 100
141 89.4 73.5 110.3
115 37.8 30.8 46.2



#38
1-Methylnaphthalene
Concen: 40.293 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:142 Resp: 261611
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

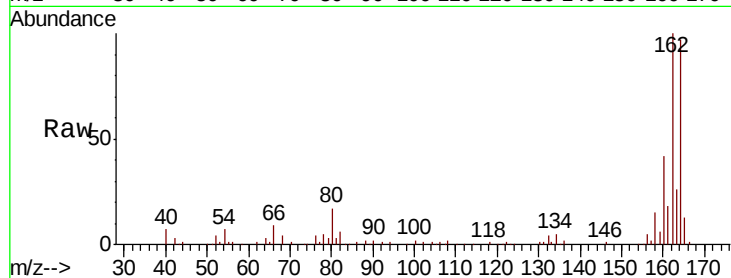
Tgt Ion:164 Resp: 111864

Ion Ratio Lower Upper

164 100

162 102.8 81.6 122.4

160 43.3 34.2 51.2

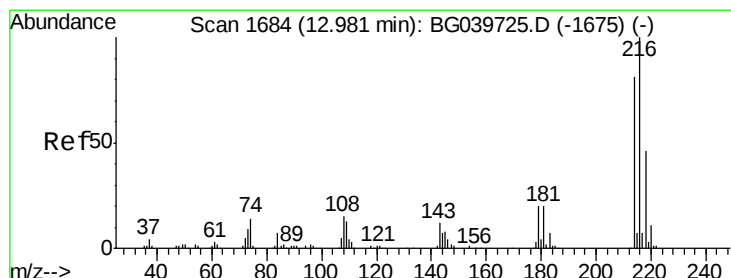
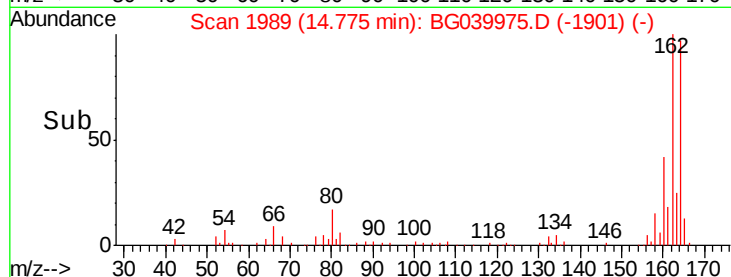
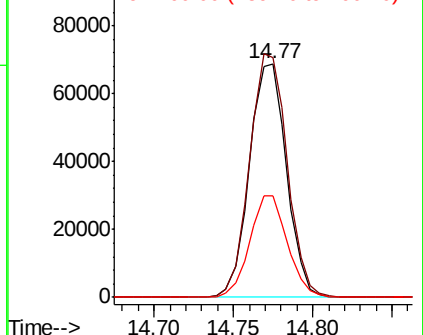


Abundance

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: 41.092 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Tgt Ion:216 Resp: 155724

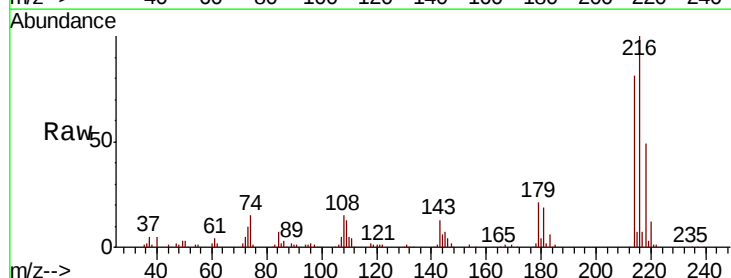
Ion Ratio Lower Upper

216 100

214 80.4 62.6 94.0

179 20.1 16.6 25.0

108 18.8 14.0 21.0



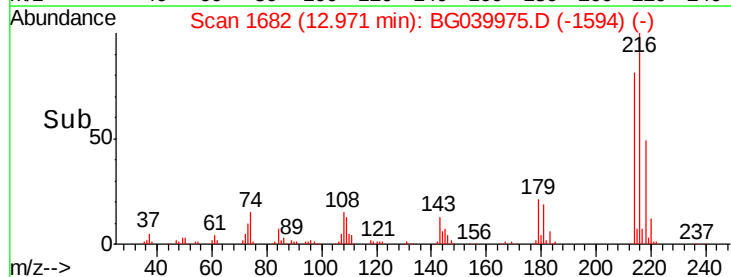
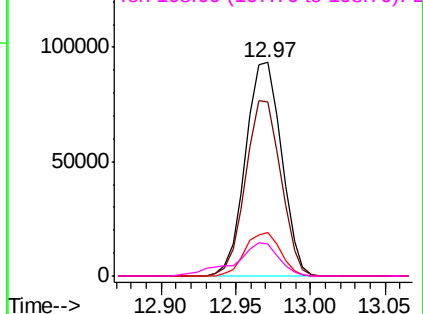
Abundance

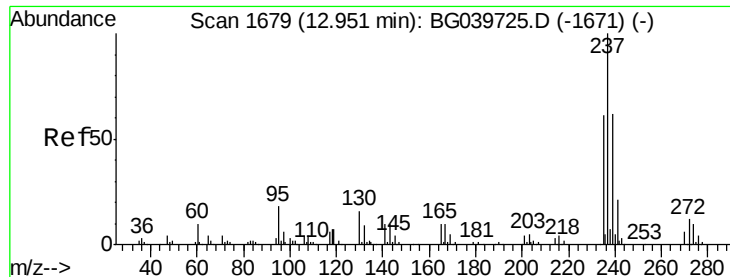
Ion 216.00 (215.70 to 216.70): E

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

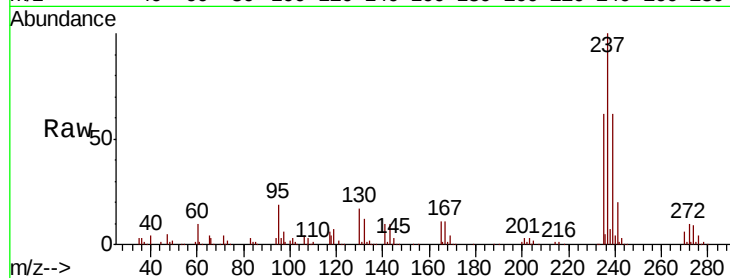




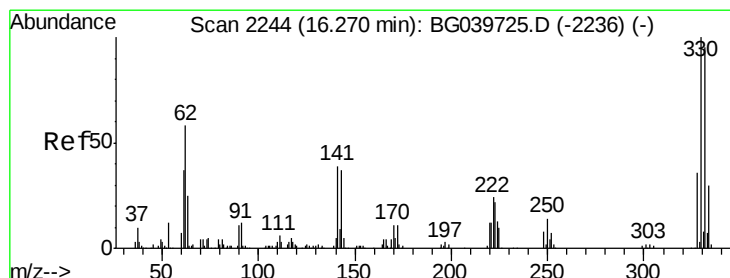
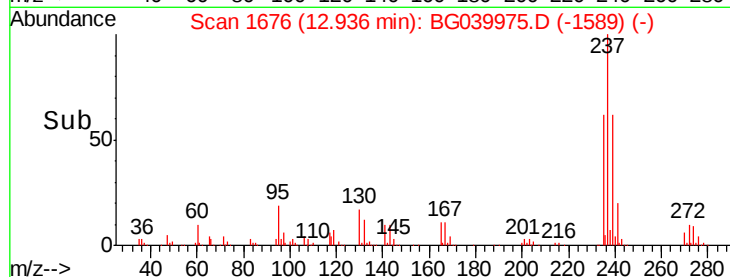
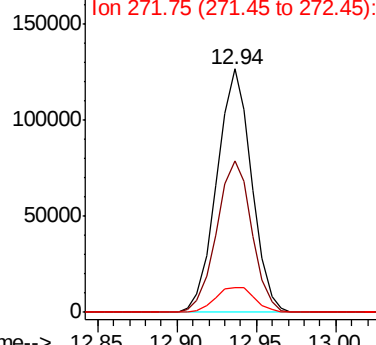
#41
Hexachlorocyclopentadiene
Concen: 94.615 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	192153		
235	62.1	43.3	83.3	
272	10.3	0.0	32.3	

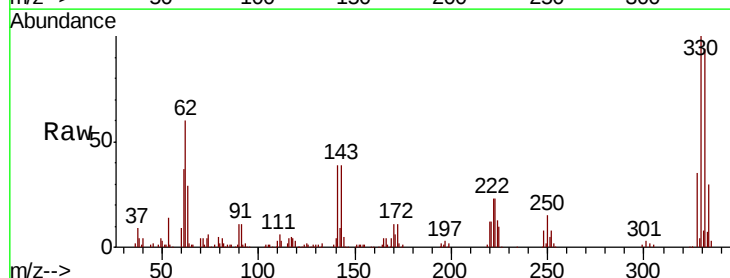


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

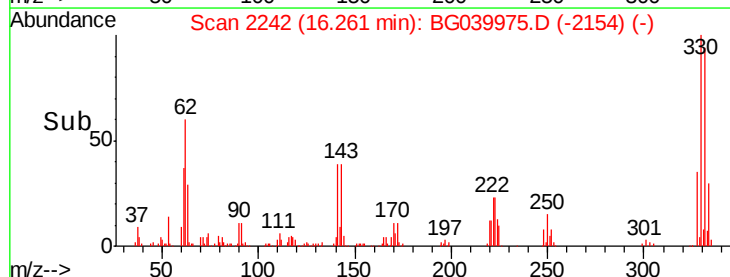
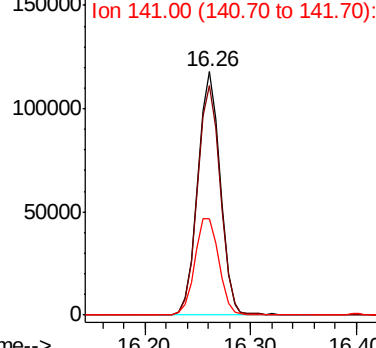


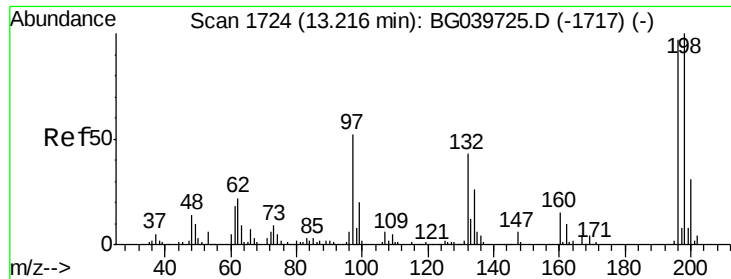
#42
2,4,6-Tribromophenol
Concen: 132.569 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	172851		
332	95.9	75.7	113.5	
141	42.4	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

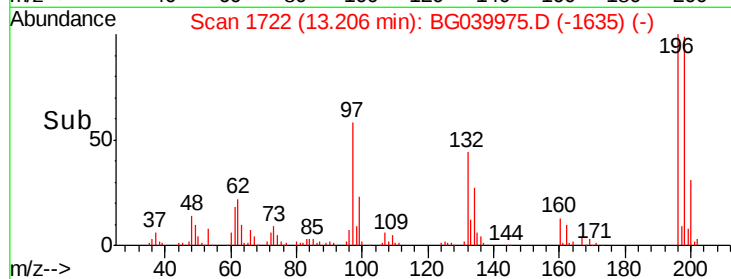
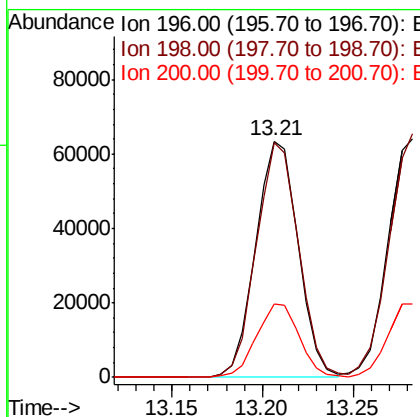
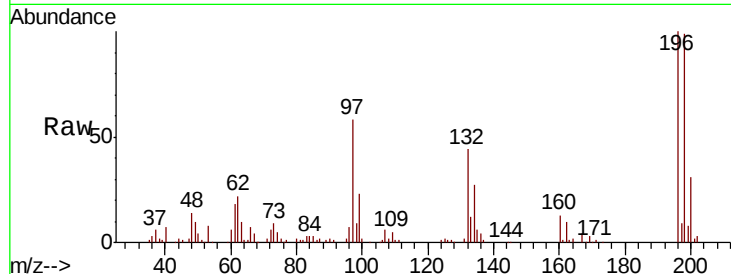




#43
 2,4,6-Trichlorophenol
 Concen: 46.607 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

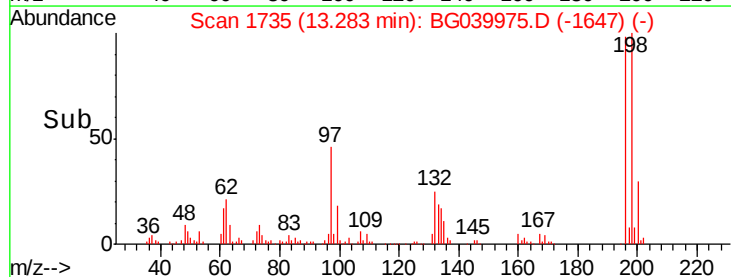
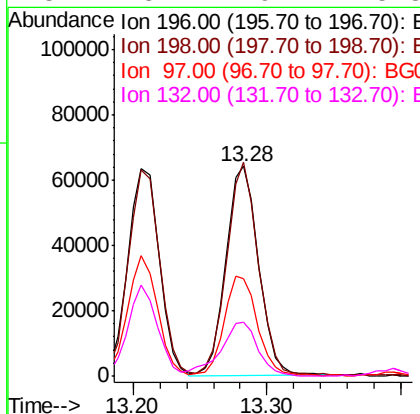
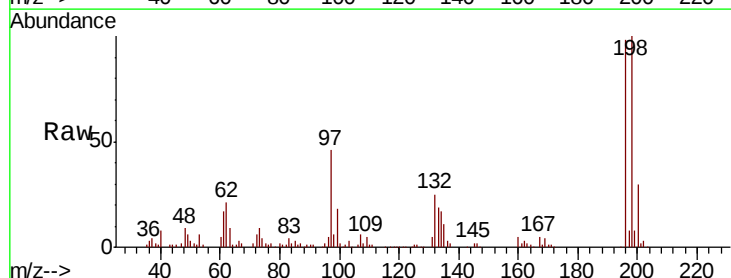
Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

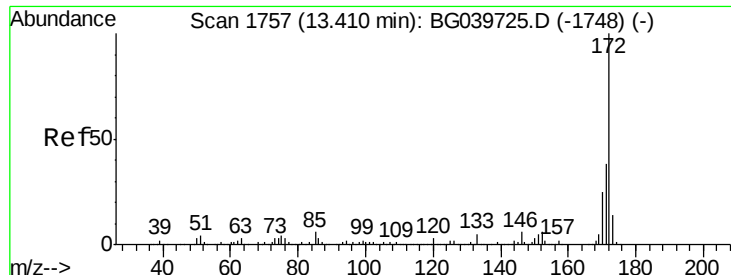
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	103405		
198	99.3	80.6	121.0	
200	30.8	26.1	39.1	



#44
 2,4,5-Trichlorophenol
 Concen: 43.823 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109596		
198	101.8	78.5	117.7	
97	46.4	38.4	57.6	
132	25.4	19.2	28.8	

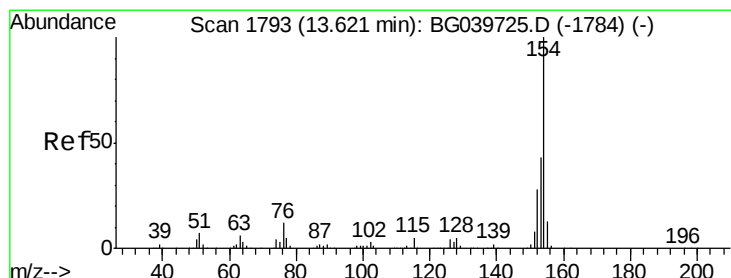
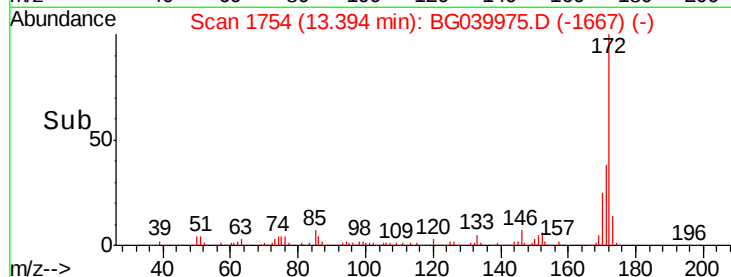
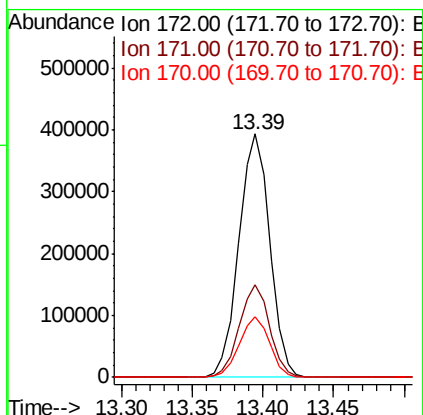
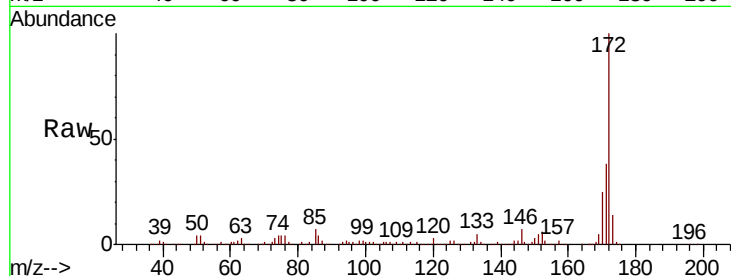




#45
 2-Fluorobiphenyl
 Concen: 76.531 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

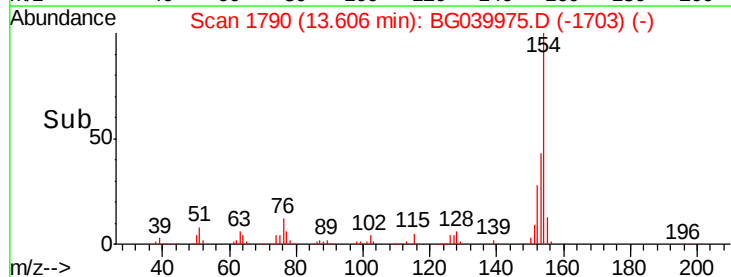
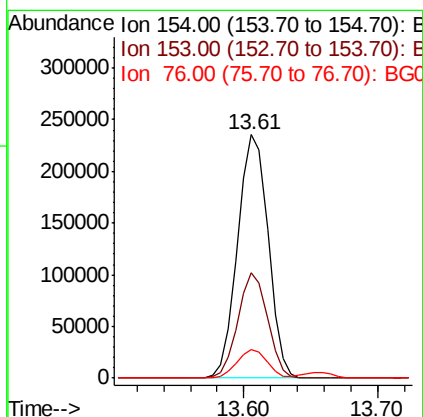
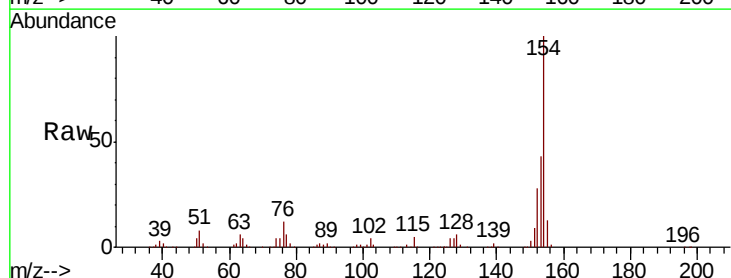
Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tgt Ion:172 Resp: 601274
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 25.0 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 40.401 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion:154 Resp: 371719
 Ion Ratio Lower Upper
 154 100
 153 43.2 22.1 62.1
 76 11.7 0.0 32.4

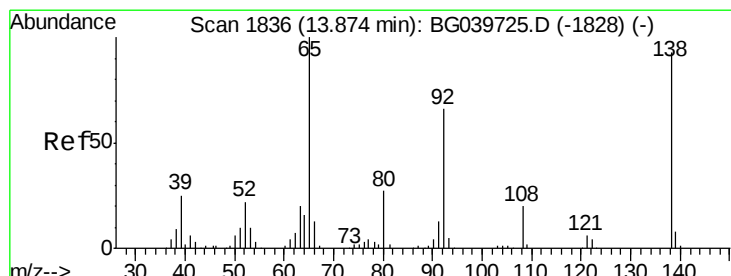
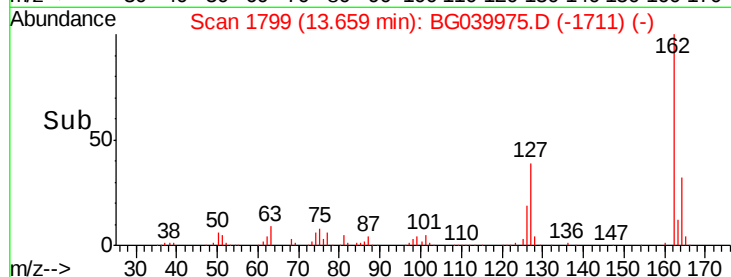
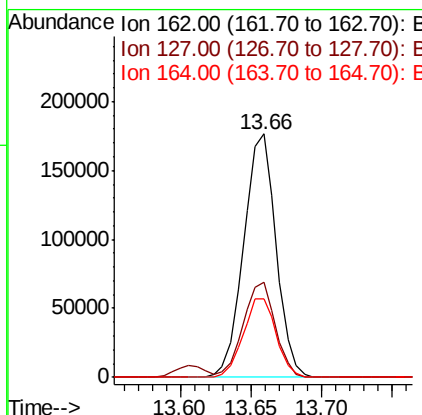
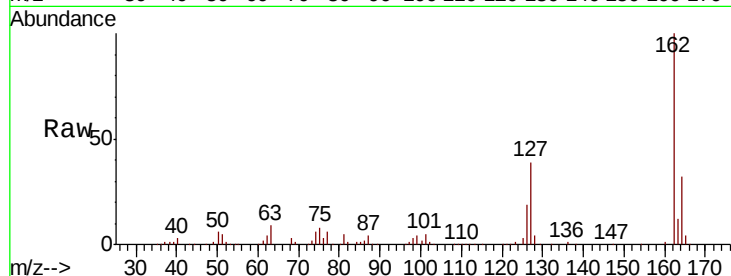




#47
 2-Chloronaphthalene
 Concen: 40.917 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

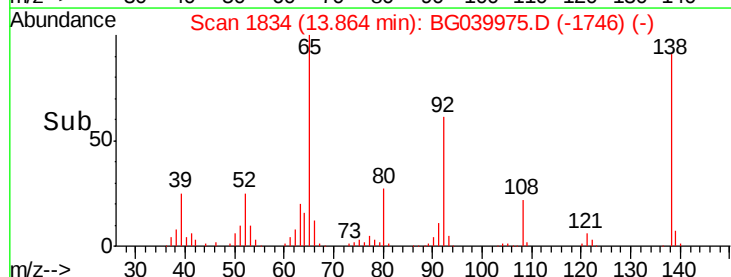
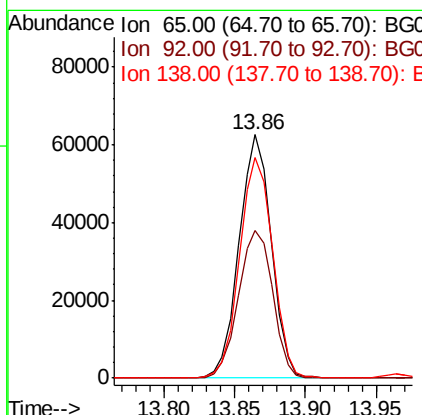
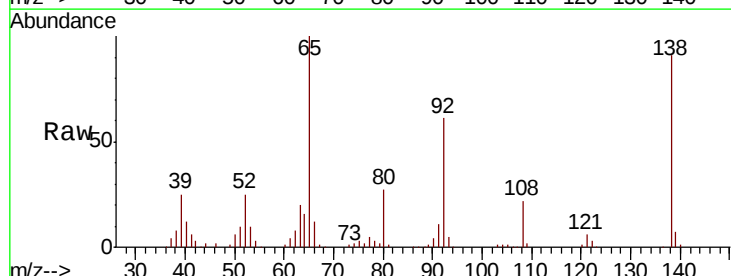
Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

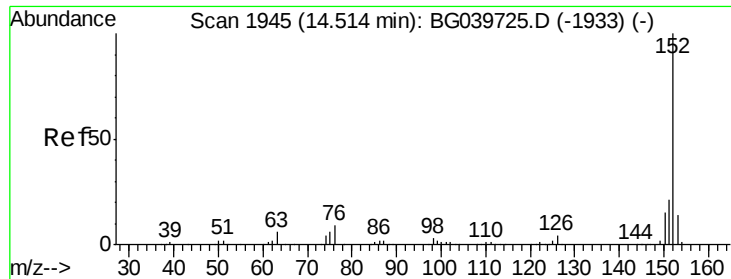
Tgt Ion: 162 Resp: 283210
 Ion Ratio Lower Upper
 162 100
 127 39.0 31.0 46.6
 164 32.5 25.7 38.5



#48
 2-Nitroaniline
 Concen: 45.070 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion: 65 Resp: 100252
 Ion Ratio Lower Upper
 65 100
 92 60.9 51.4 77.2
 138 90.6 71.4 107.2





#49

Acenaphthylene

Concen: 40.115 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

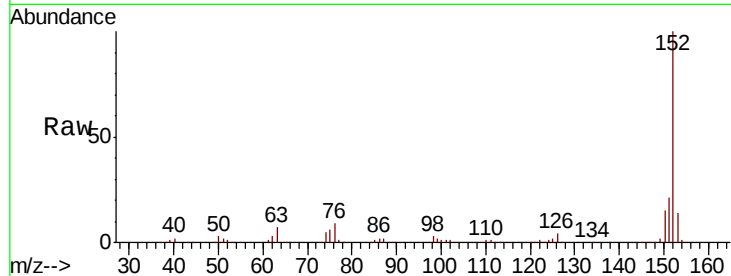
Tgt Ion:152 Resp: 455809

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

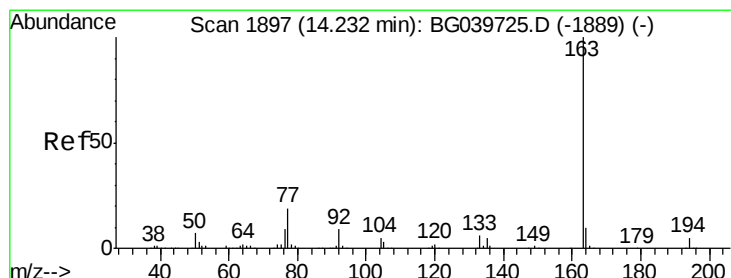
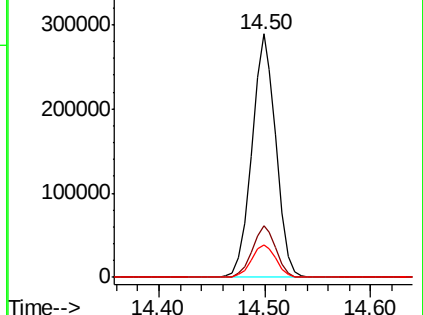
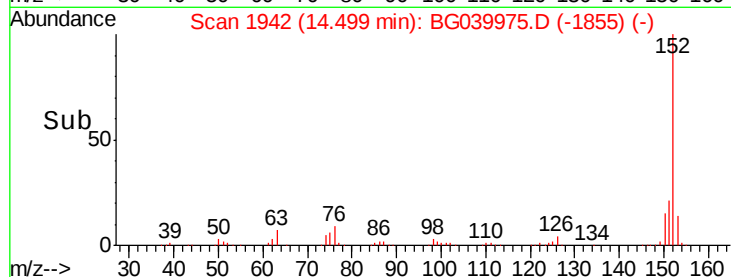
153 13.5 11.7 17.5



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: 40.204 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

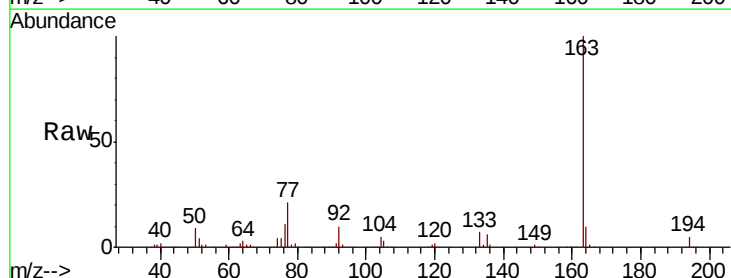
Tgt Ion:163 Resp: 376071

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

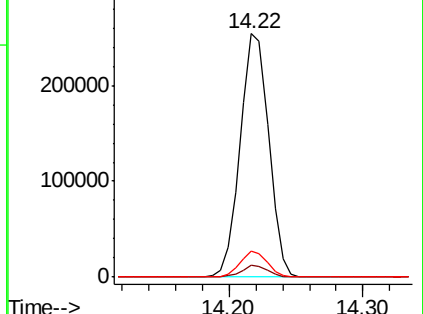
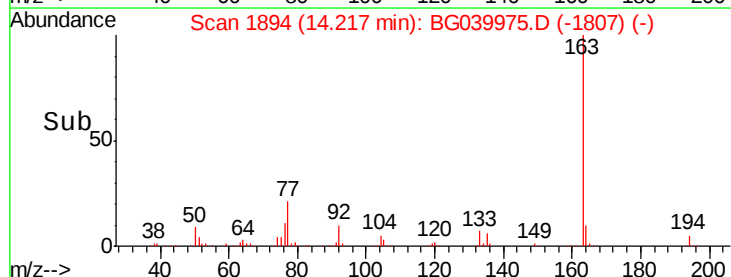
164 10.4 8.4 12.6



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

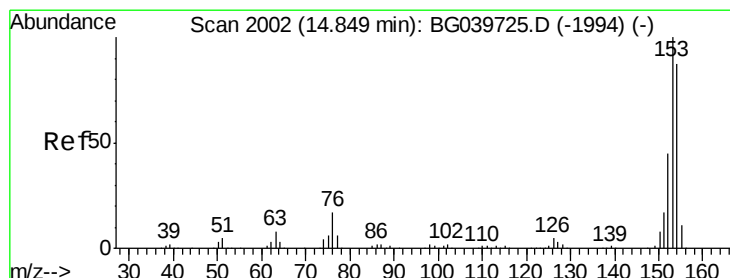
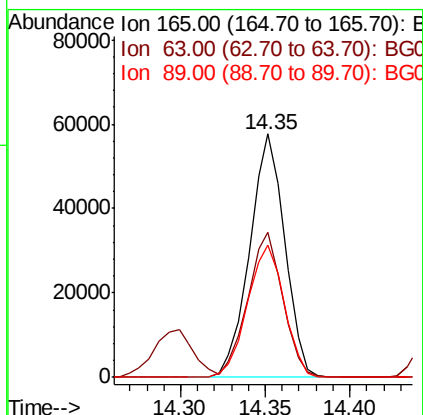
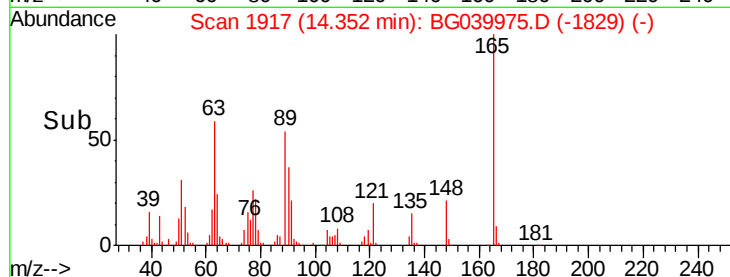
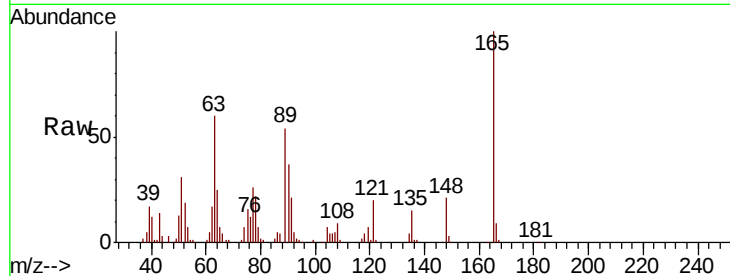




#51
 2,6-Dinitrotoluene
 Concen: 41.976 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

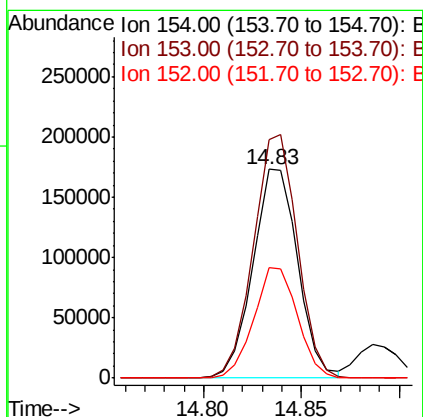
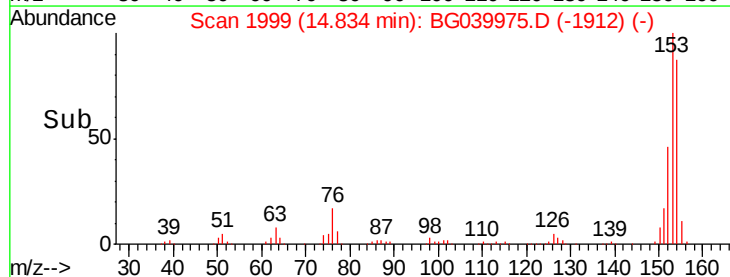
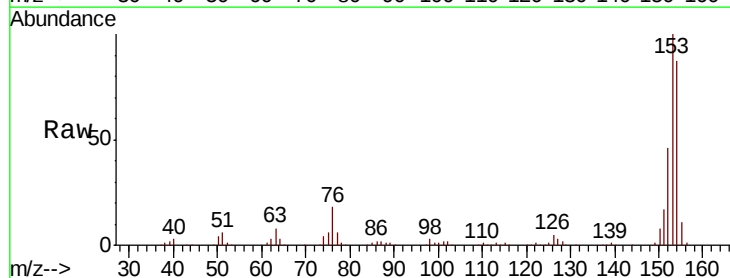
Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

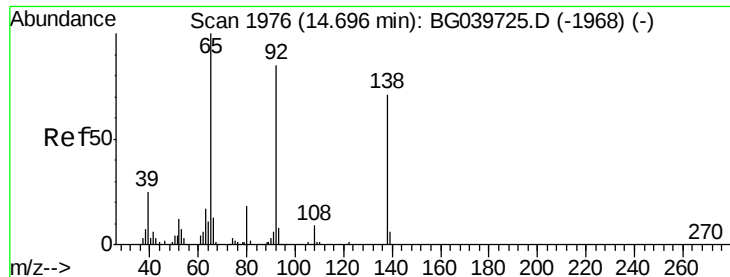
Tgt Ion:165 Resp: 83238
 Ion Ratio Lower Upper
 165 100
 63 59.6 47.0 70.6
 89 54.5 45.8 68.8



#52
 Acenaphthene
 Concen: 40.265 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion:154 Resp: 275361
 Ion Ratio Lower Upper
 154 100
 153 114.7 90.1 135.1
 152 53.3 40.9 61.3





#53

3-Nitroaniline

Concen: 29.117 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

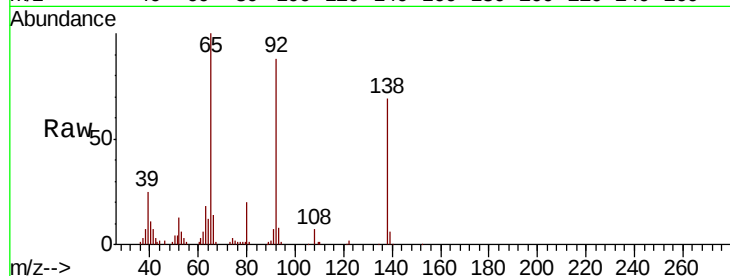
Tgt Ion:138 Resp: 58039

Ion Ratio Lower Upper

138 100

108 10.1 13.8 20.8#

92 127.1 103.7 155.5

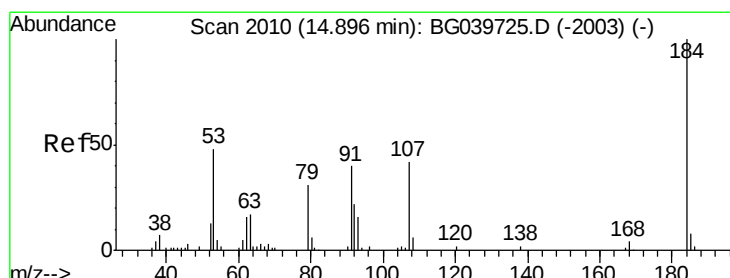
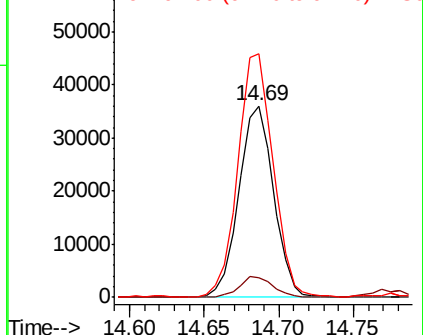
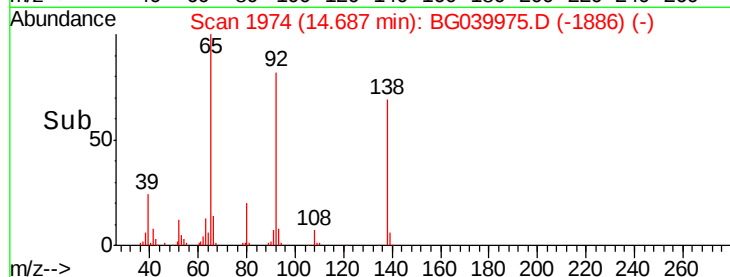


Abundance

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: 57.949 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

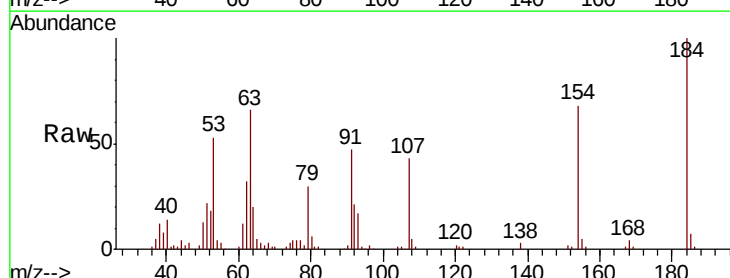
Tgt Ion:184 Resp: 70529

Ion Ratio Lower Upper

184 100

63 65.6 50.9 76.3

154 67.6 53.0 79.6

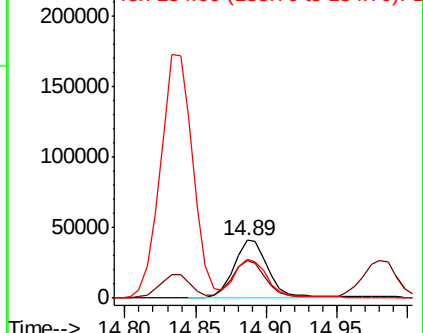
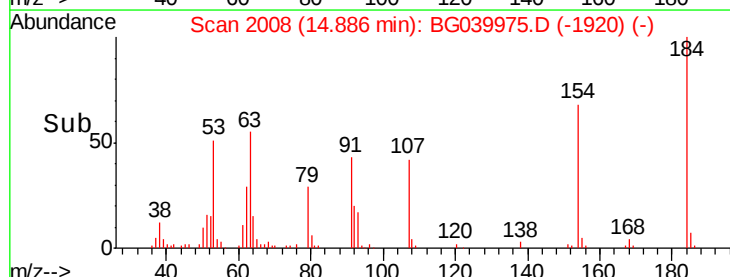


Abundance

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

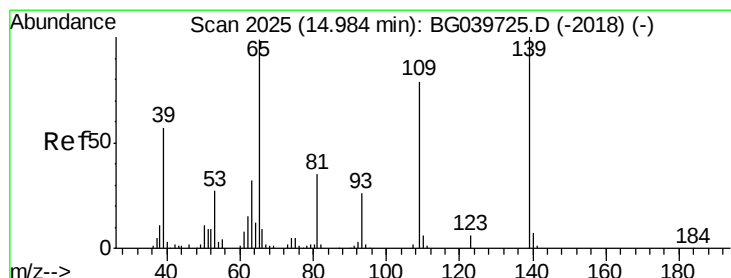
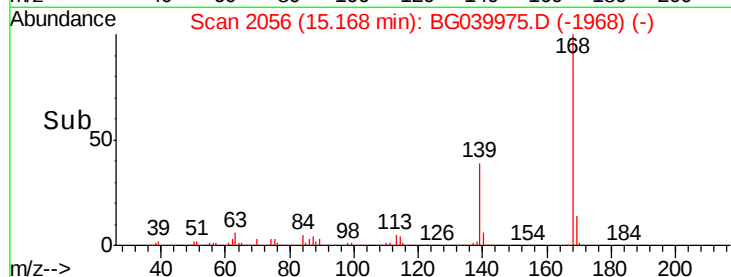
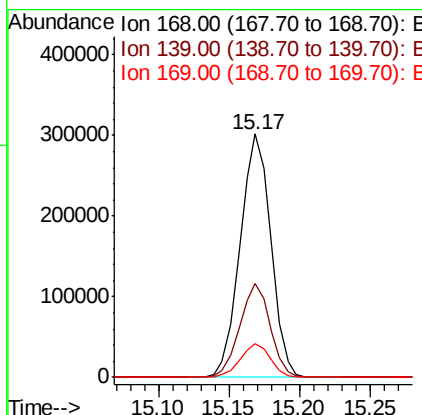
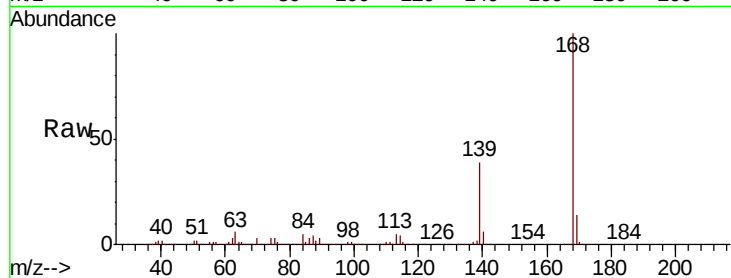




#55
Dibenzofuran
Concen: 40.789 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

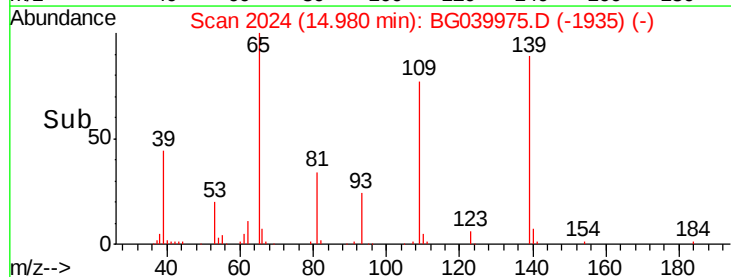
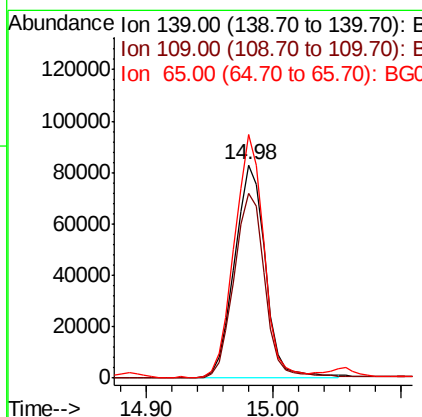
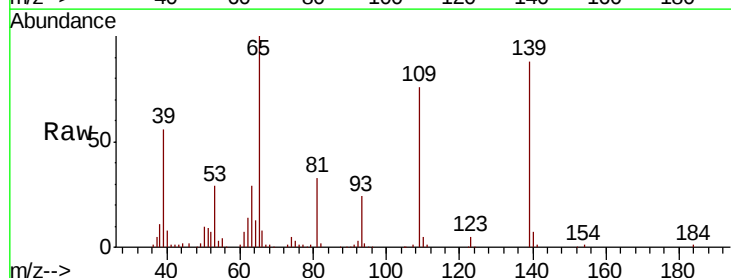
Instrument :
BNA_G
ClientSampleId :
PB117991BSD

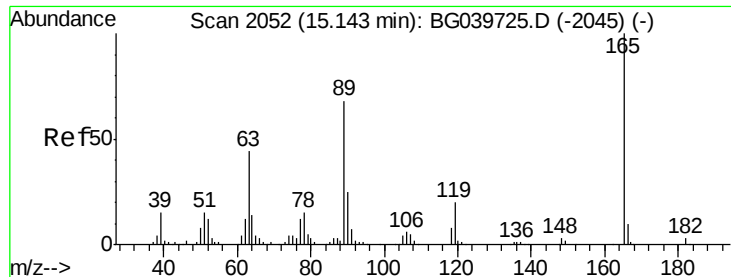
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	14.0	10.6	16.0



#56
4-Nitrophenol
Concen: 78.217 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.6	61.9	101.9
65	114.3	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 43.274 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

Tgt Ion:165 Resp: 120575

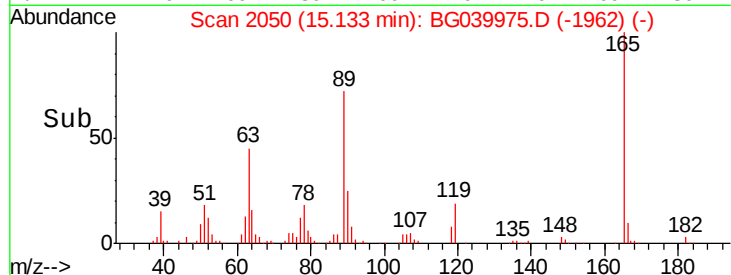
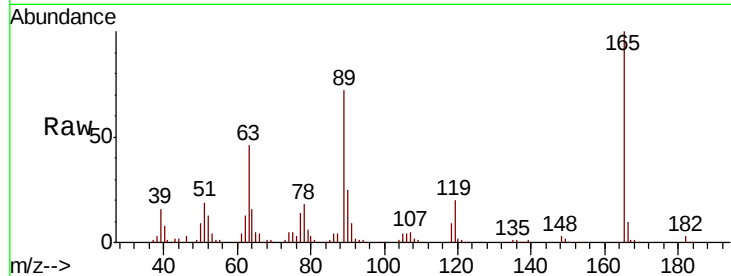
Ion Ratio Lower Upper

165 100

63 45.6 41.0 61.6

89 71.8 64.6 96.8

182 2.8 2.0 3.0

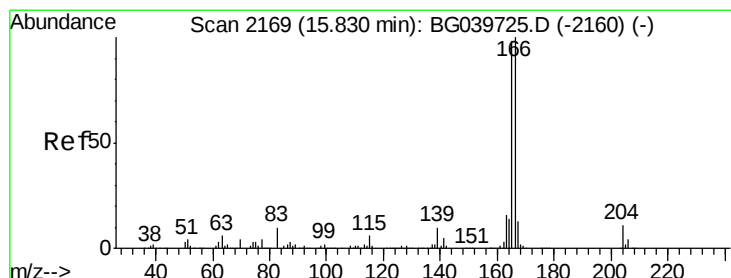
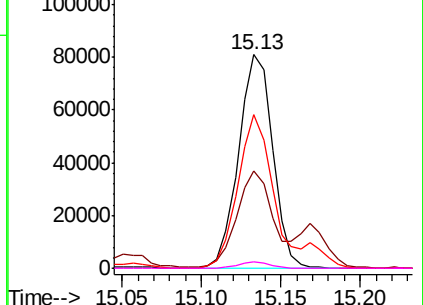


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.398 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

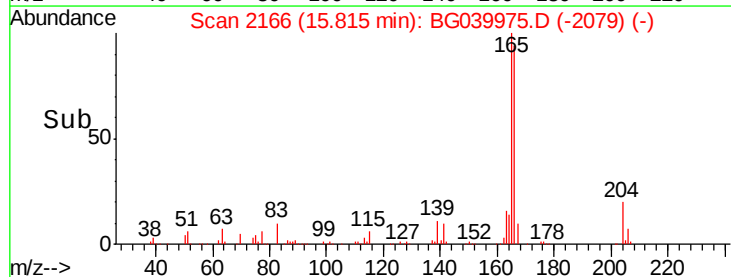
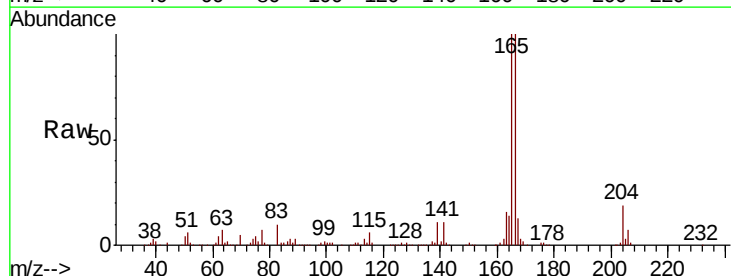
Tgt Ion:166 Resp: 356335

Ion Ratio Lower Upper

166 100

165 99.8 77.9 116.9

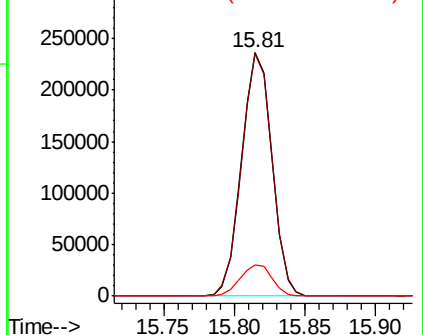
167 12.6 10.8 16.2



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

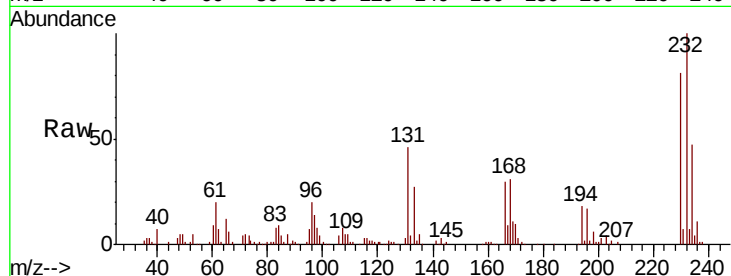




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.455 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tgt Ion:	232	Resp:	106134
Ion	Ratio	Lower	Upper
232	100		
131	45.0	34.9	52.3
130	2.4	2.0	3.0
166	28.9	24.1	36.1



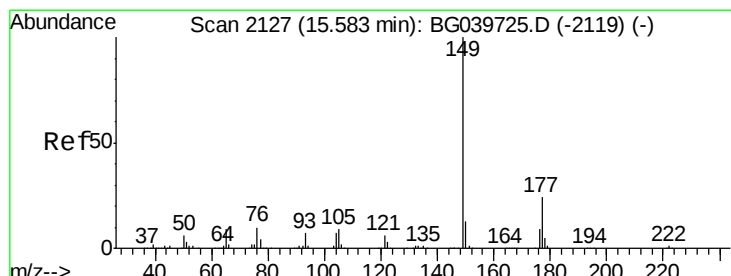
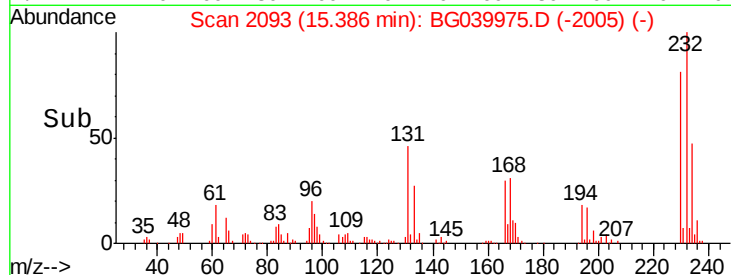
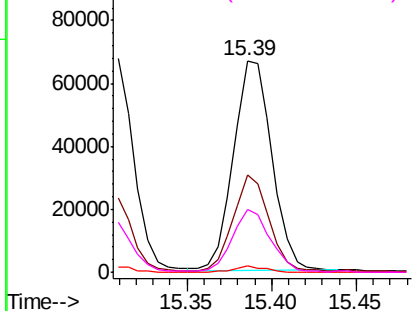
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

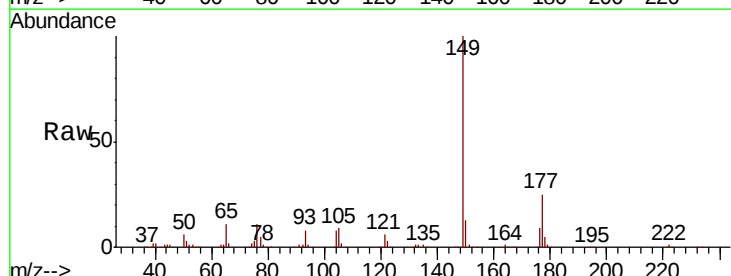
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.129 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion:	149	Resp:	380842
Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.3	27.5
150	13.4	10.2	15.2

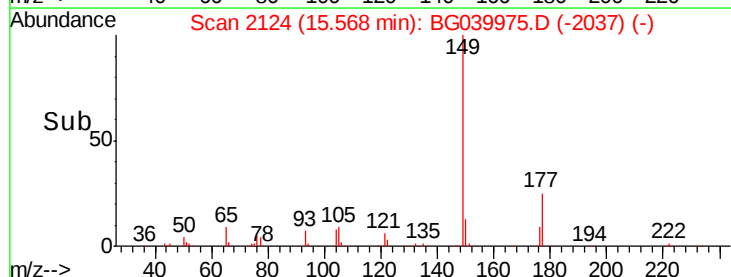
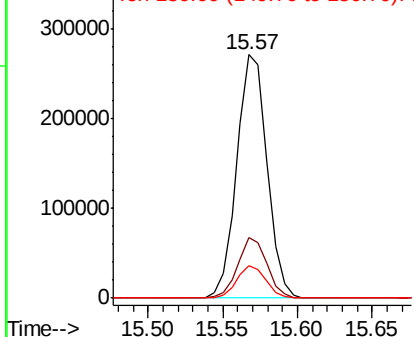


Abundance

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

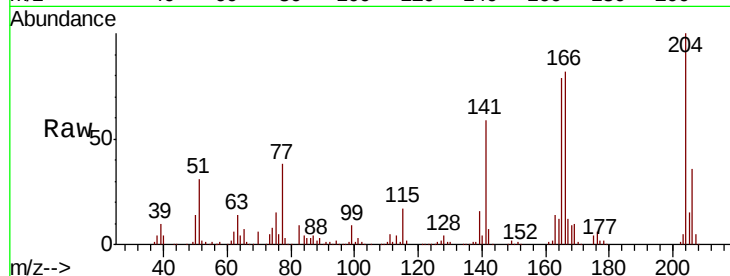




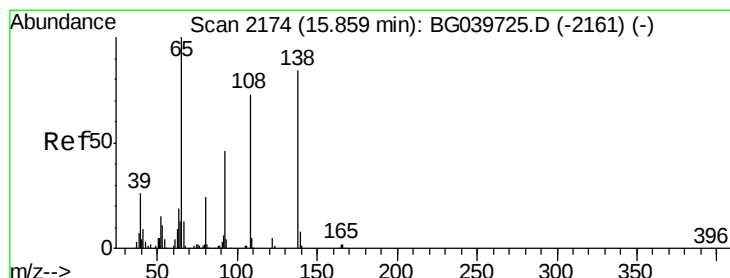
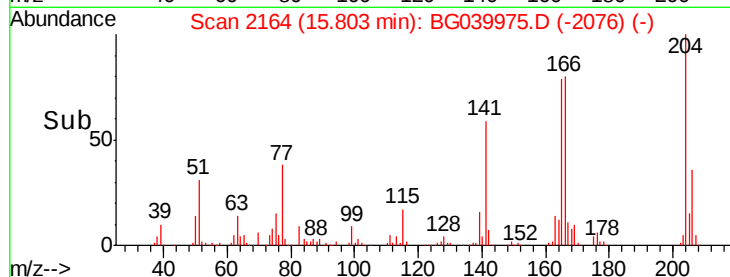
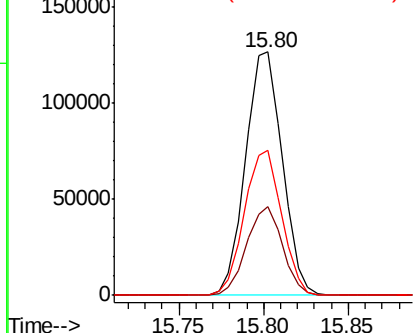
#61
4-Chlorophenyl-phenylether
Concen: 40.669 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion: 204 Resp: 191428
Ion Ratio Lower Upper
204 100
206 36.2 29.2 43.8
141 59.4 49.0 73.4

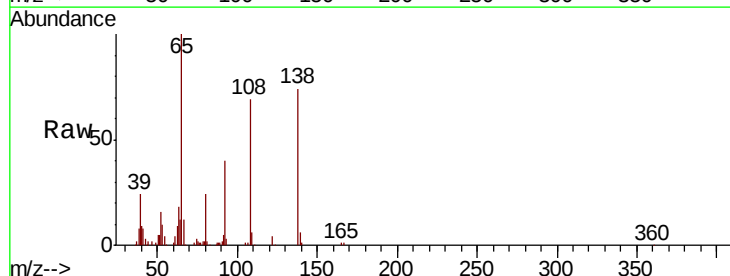


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

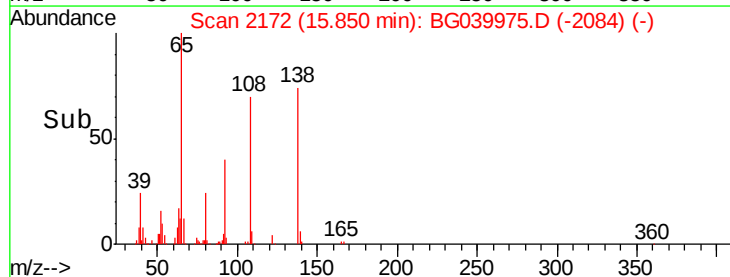
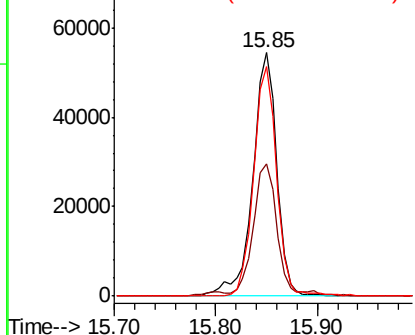


#62
4-Nitroaniline
Concen: 41.383 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion: 138 Resp: 89428
Ion Ratio Lower Upper
138 100
92 54.4 38.7 78.7
108 94.2 74.6 114.6



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

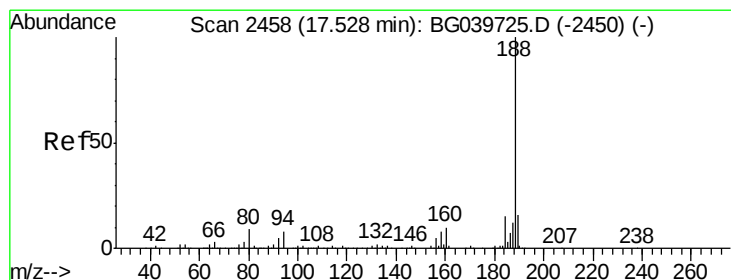
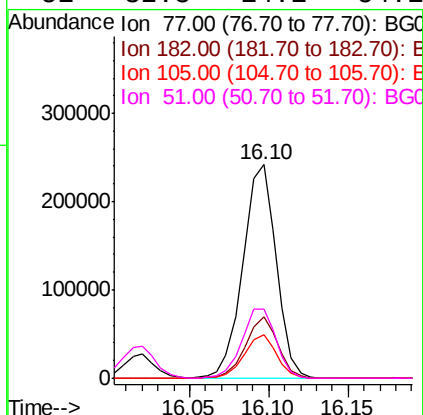
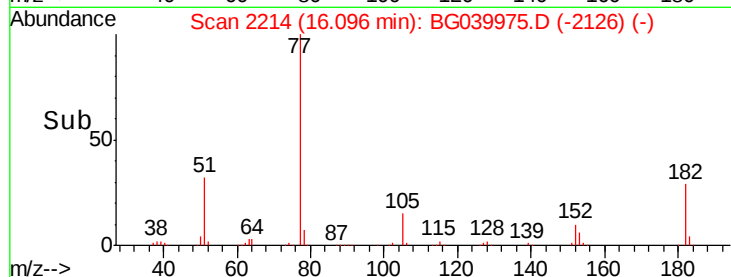
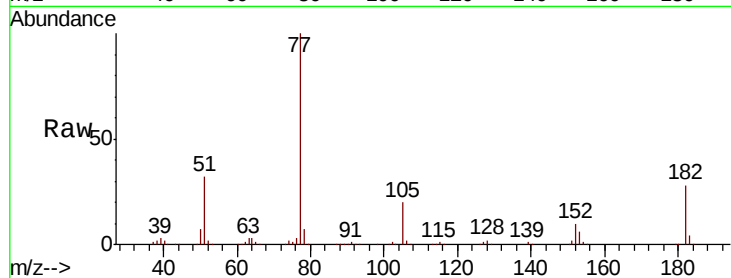




#63
Azobenzene
Concen: 41.931 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

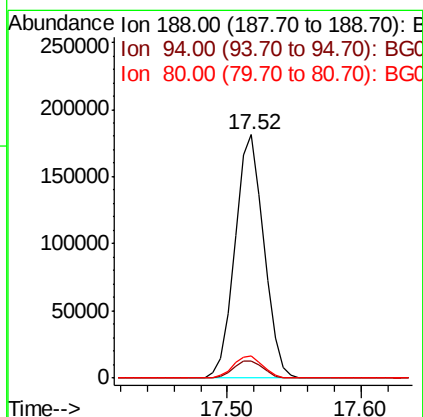
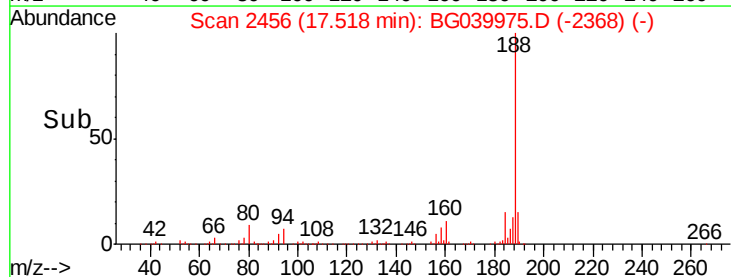
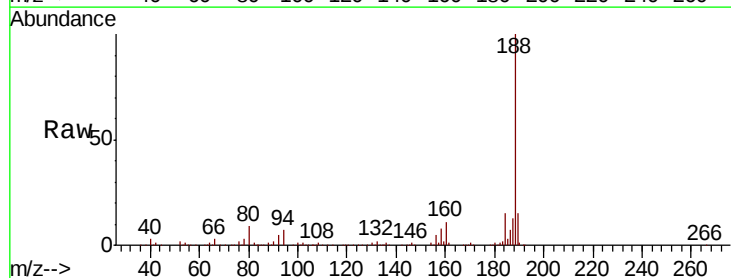
Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion:	77	Resp:	351956
Ion	Ratio	Lower	Upper
77	100		
182	28.5	6.4	46.4
105	20.4	0.0	39.8
51	32.3	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:	188	Resp:	272100
Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	9.2	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.122 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

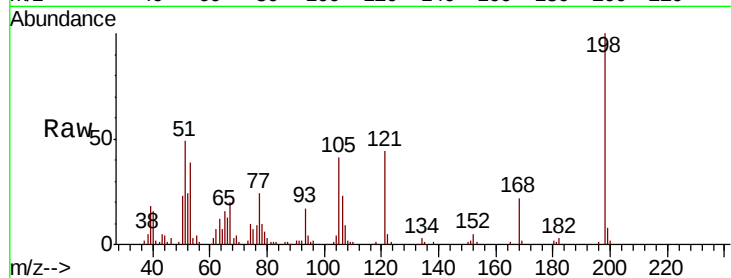
Tgt Ion:198 Resp: 62941

Ion Ratio Lower Upper

198 100

51 48.8 27.4 67.4

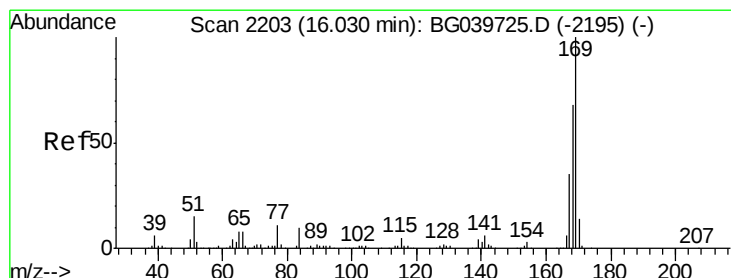
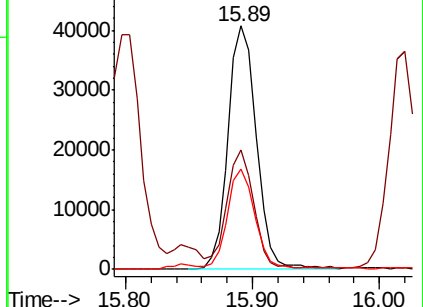
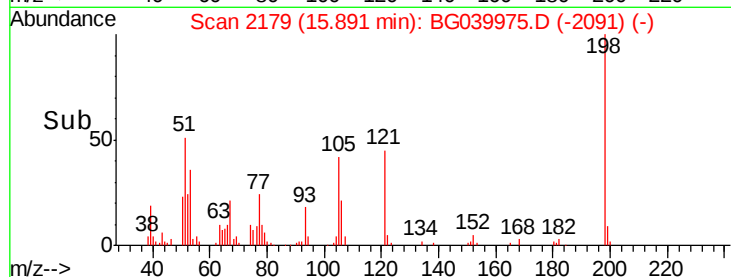
105 41.2 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039975.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.893 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

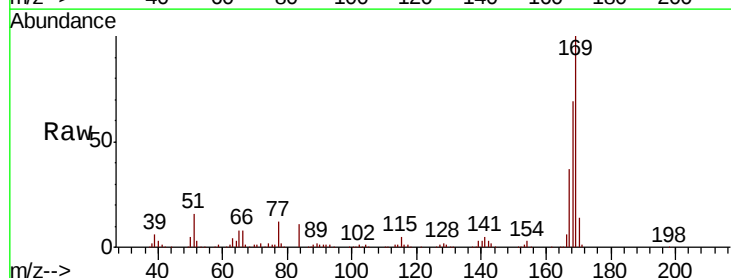
Tgt Ion:169 Resp: 330009

Ion Ratio Lower Upper

169 100

168 68.6 56.6 85.0

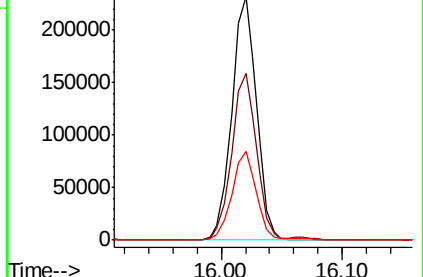
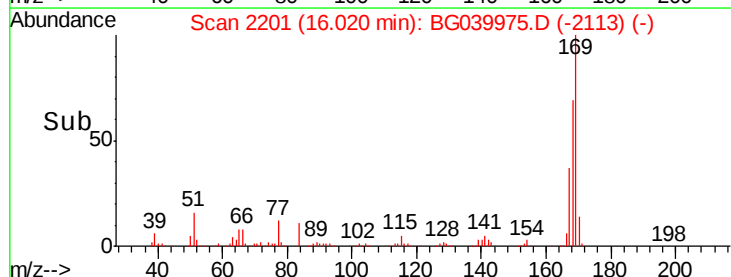
167 36.7 28.8 43.2



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

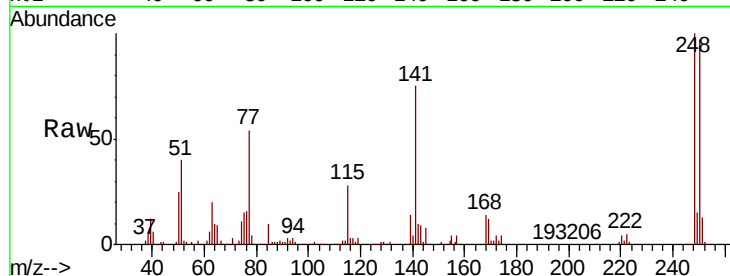




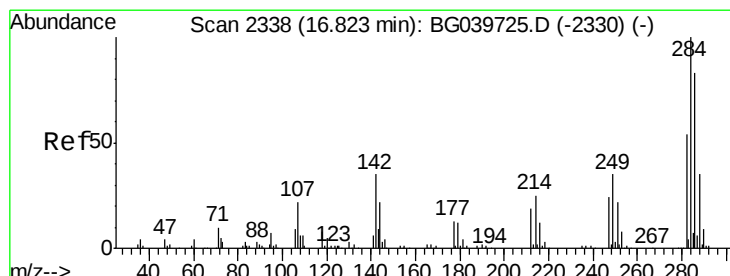
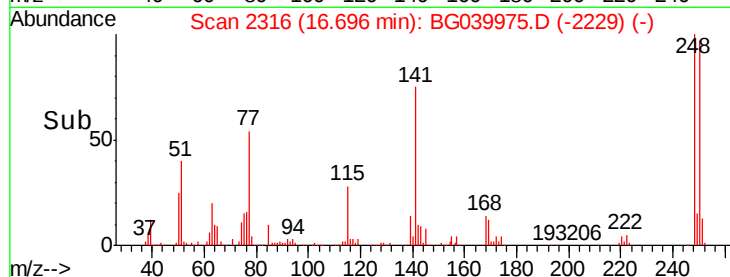
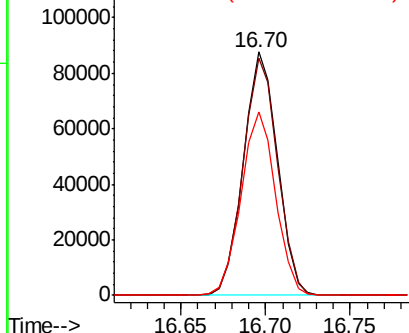
#67
 4-Bromophenyl-phenylether
 Concen: 40.482 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tgt Ion:248 Resp: 123297
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.6 116.4
 141 75.4 63.9 95.9

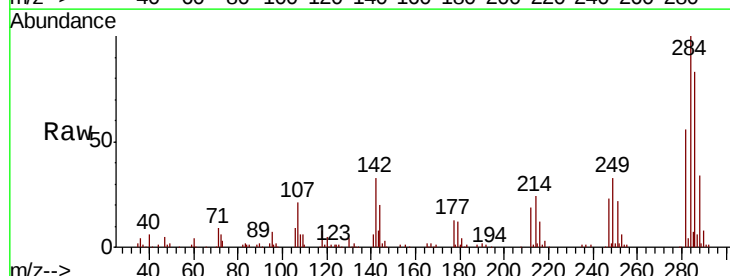


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

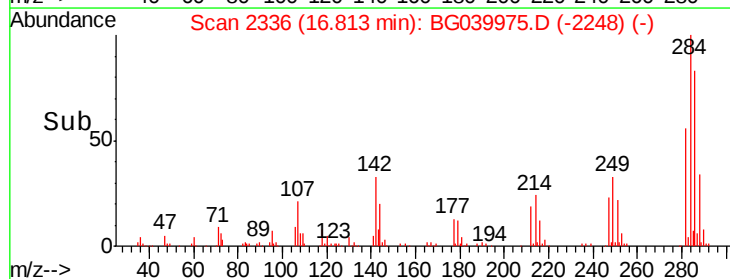
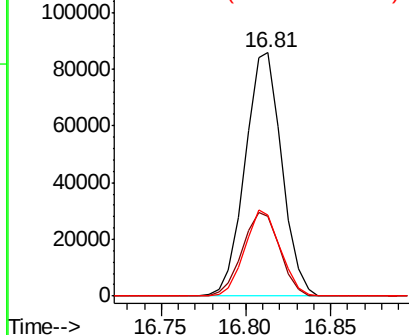


#68
 Hexachlorobenzene
 Concen: 41.013 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion:284 Resp: 129481
 Ion Ratio Lower Upper
 284 100
 142 32.9 30.6 45.8
 249 33.1 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

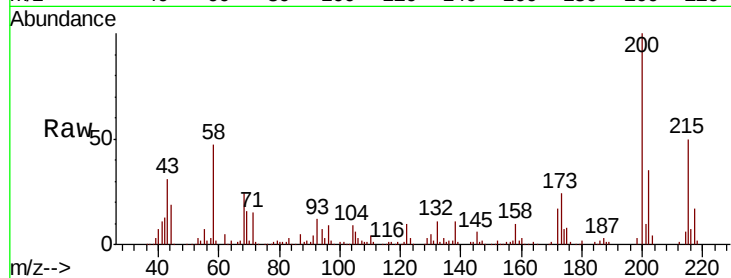




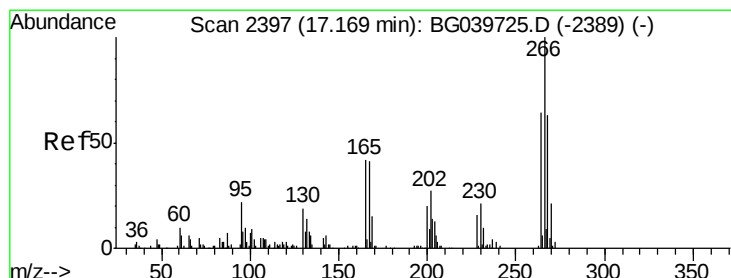
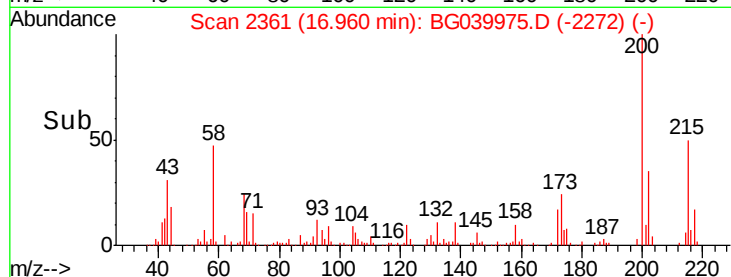
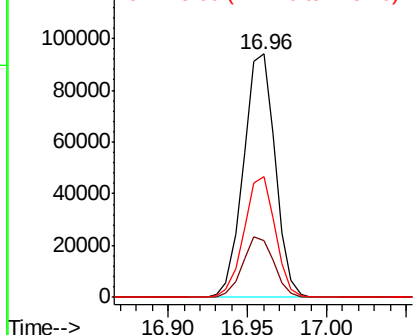
#69
 Atrazine
 Concen: 42.030 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

Tgt Ion:200 Resp: 130302
 Ion Ratio Lower Upper
 200 100
 173 23.5 3.9 43.9
 215 49.6 30.9 70.9

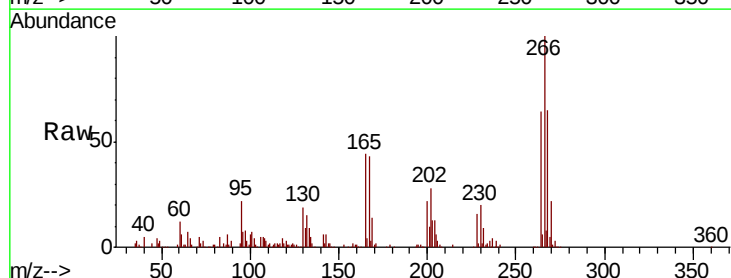


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

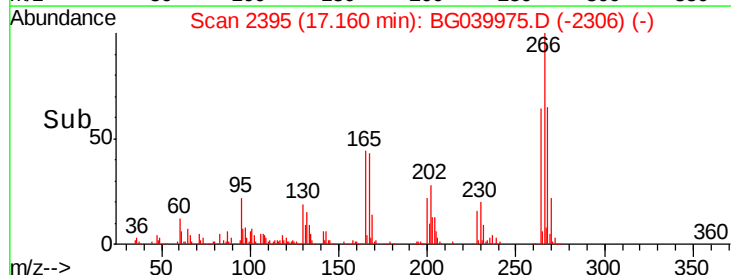
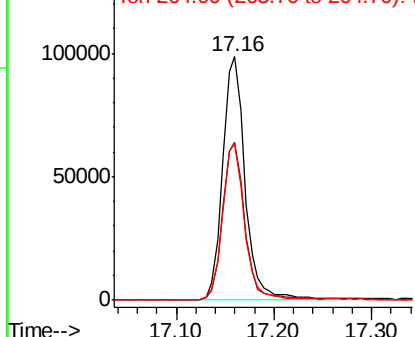


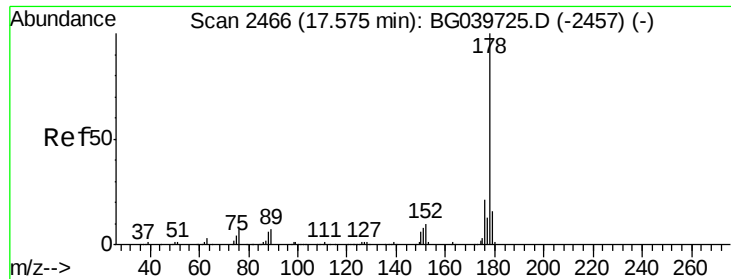
#70
 Pentachlorophenol
 Concen: 79.429 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion:266 Resp: 158371
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.1 76.7
 264 64.3 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

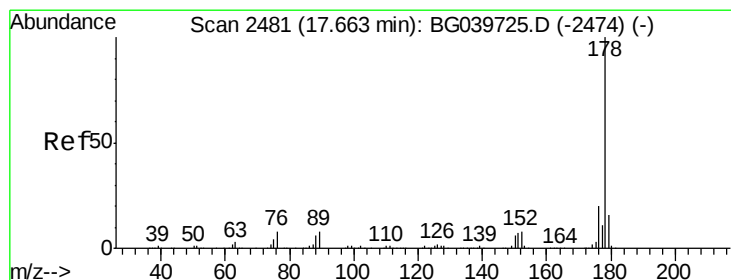
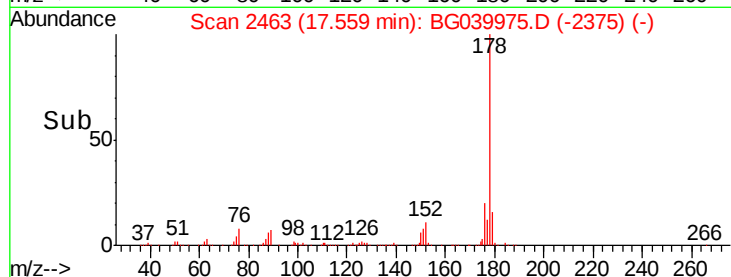
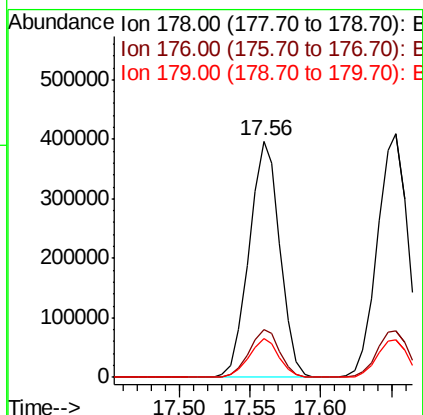
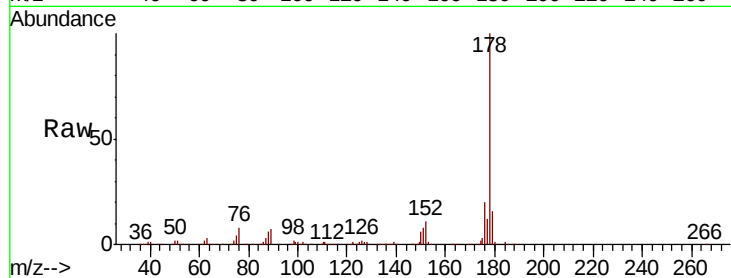




#71
Phenanthrene
Concen: 40.410 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

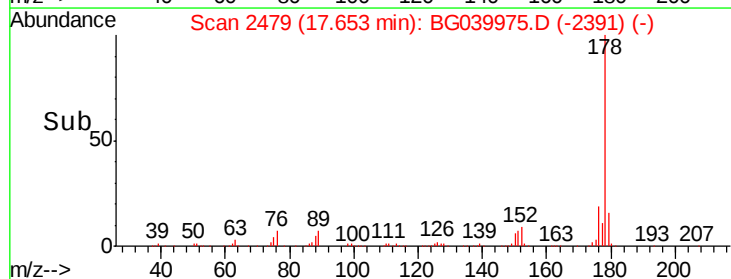
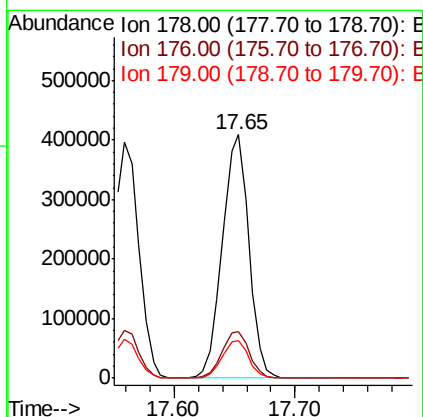
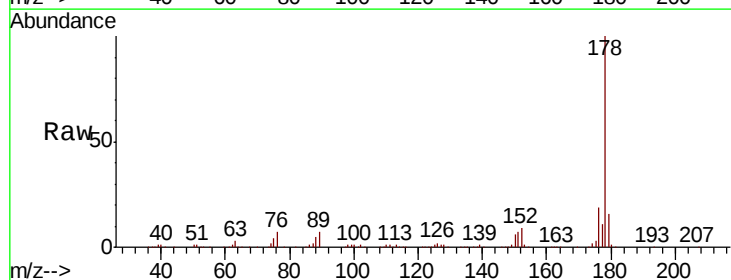
Instrument :
BNA_G
ClientSampleId :
PB117991BSD

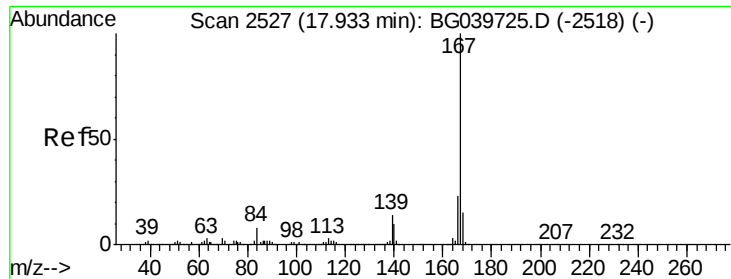
Tgt Ion:178 Resp: 605646
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.4 12.6 19.0



#72
Anthracene
Concen: 42.441 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion:178 Resp: 619857
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 15.7 12.5 18.7

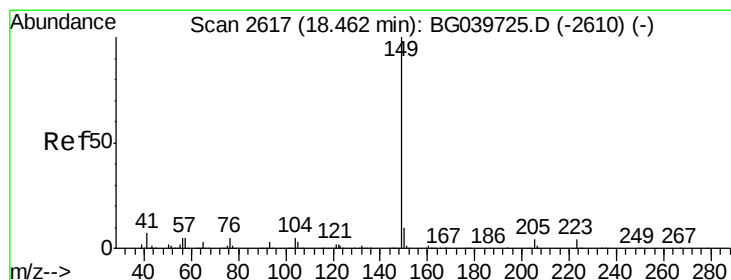
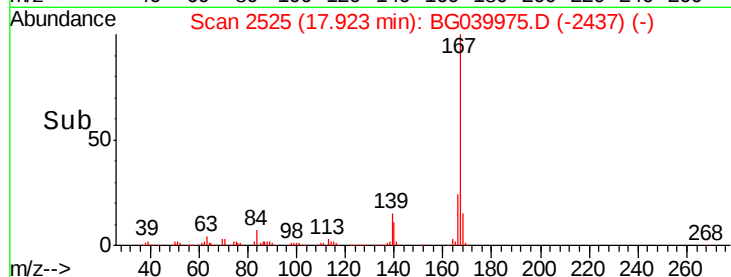
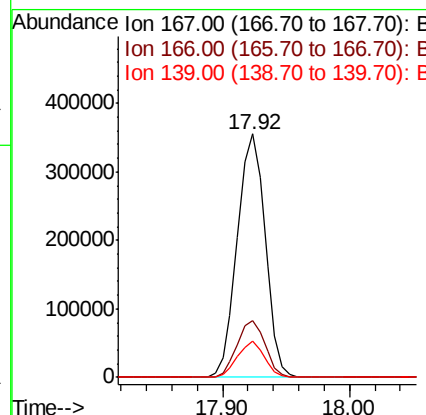
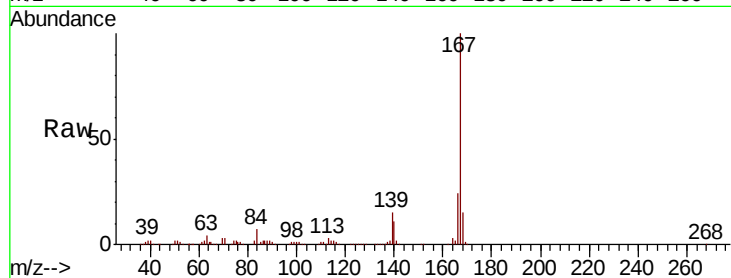




#73
 Carbazole
 Concen: 41.180 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

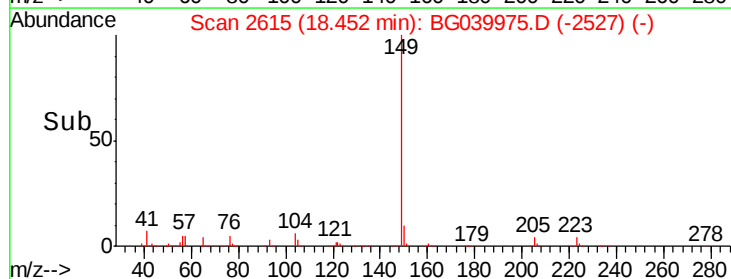
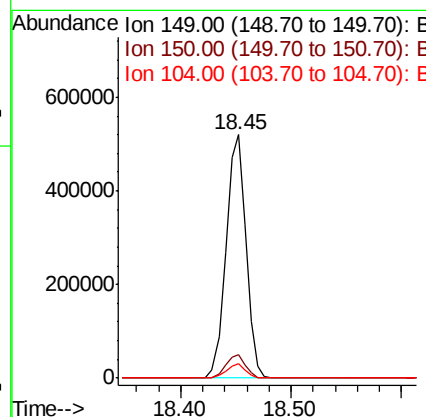
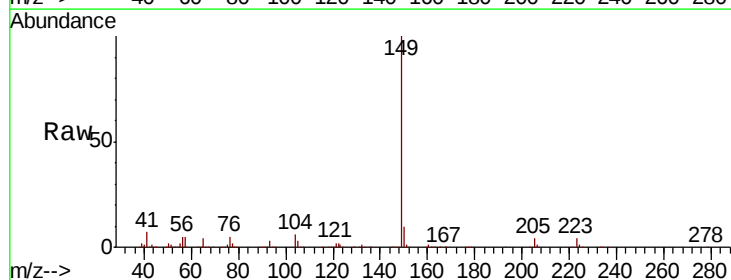
Instrument :
 BNA_G
 ClientSampleId :
 PB117991BSD

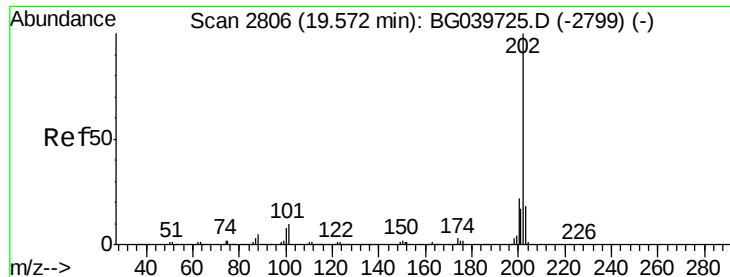
Tgt Ion:167 Resp: 542213
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.4 29.2
 139 14.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 42.221 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039975.D
 Acq: 18 Mar 2019 18:37

Tgt Ion:149 Resp: 654068
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.9 4.5 6.7





#75

Fluoranthene

Concen: 41.738 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

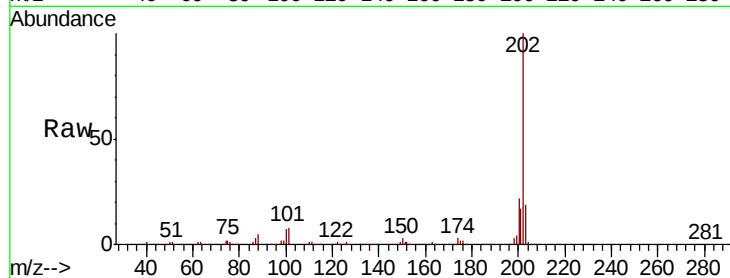
Tgt Ion:202 Resp: 739288

Ion Ratio Lower Upper

202 100

101 8.0 0.0 30.0

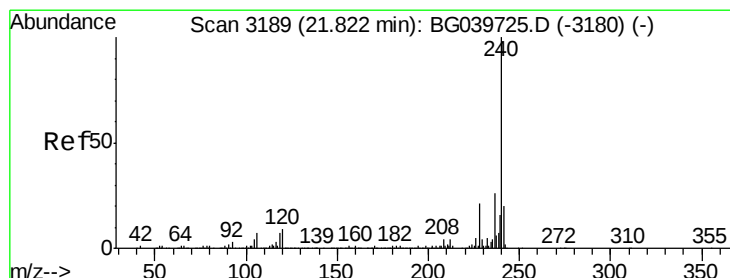
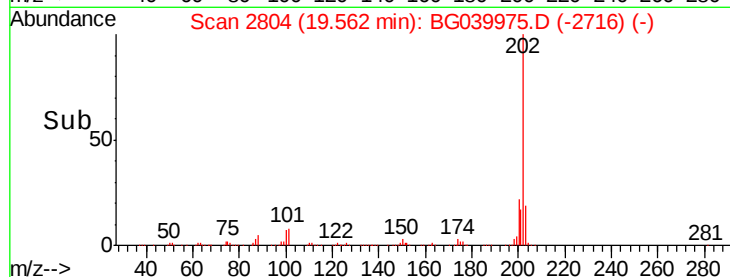
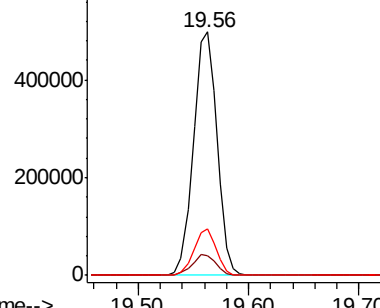
203 18.8 0.0 38.9



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: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

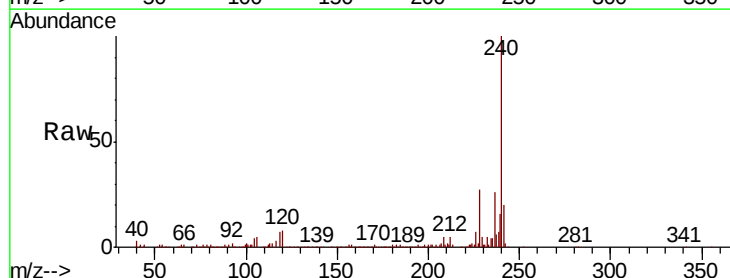
Tgt Ion:240 Resp: 279161

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

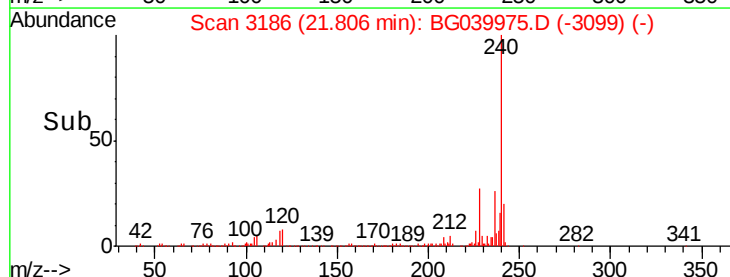
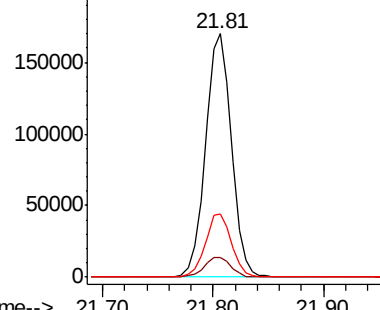
236 26.1 21.0 31.4

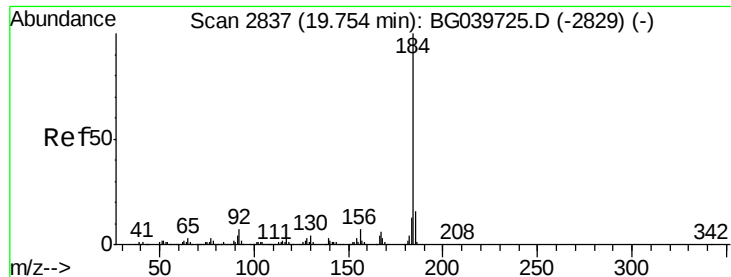


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.674 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

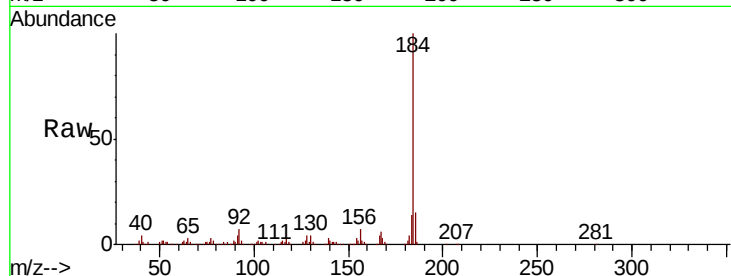
Tgt Ion:184 Resp: 262874

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

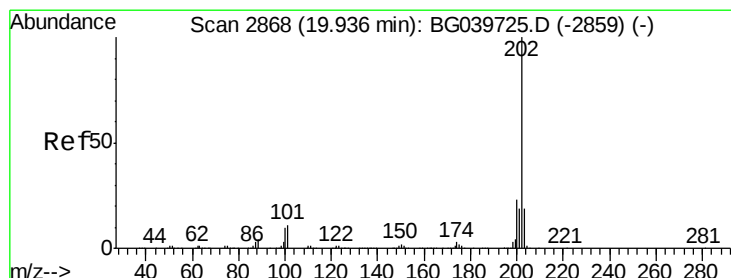
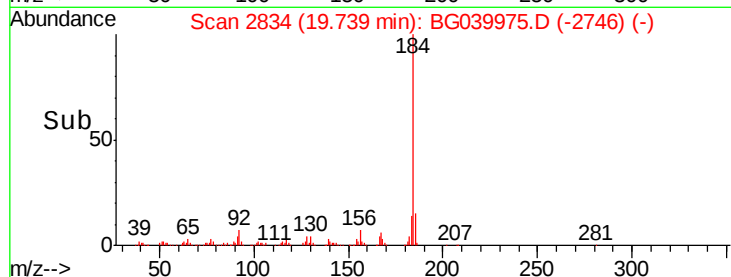
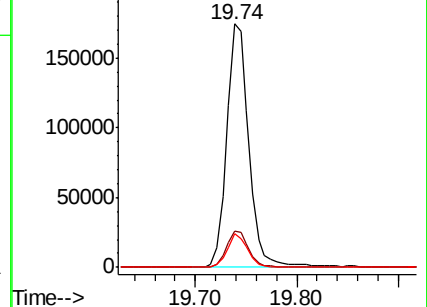
183 14.0 10.6 15.8



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: 40.855 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

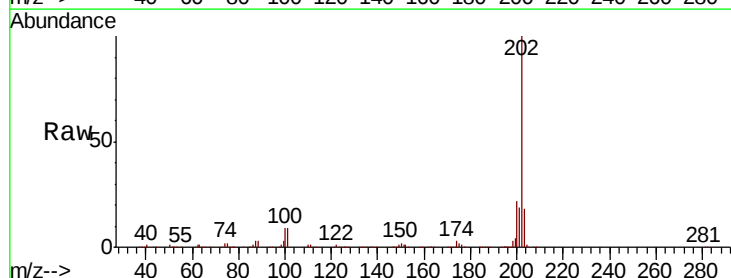
Tgt Ion:202 Resp: 741109

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.8

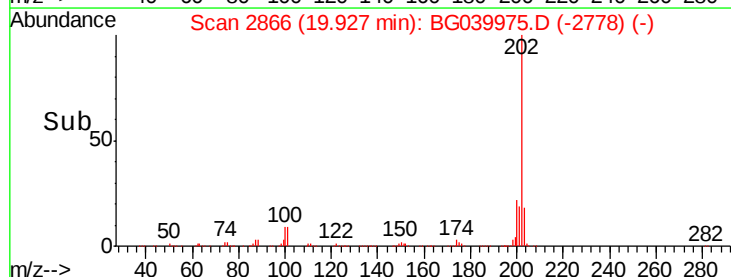
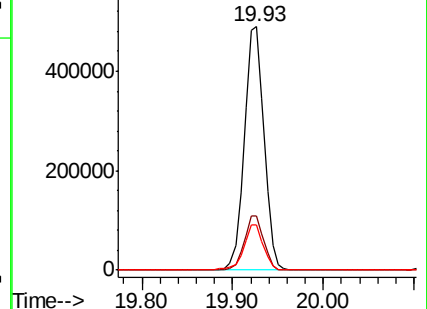
203 18.4 15.3 22.9

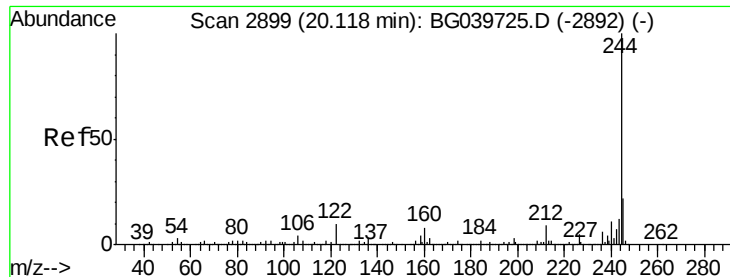


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.163 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

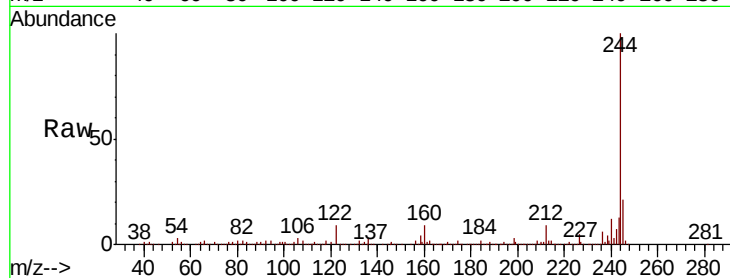
Tgt Ion:244 Resp: 1003683

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

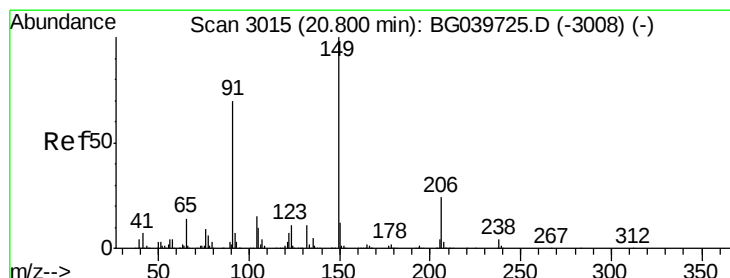
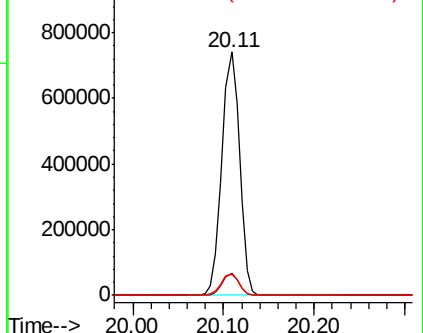
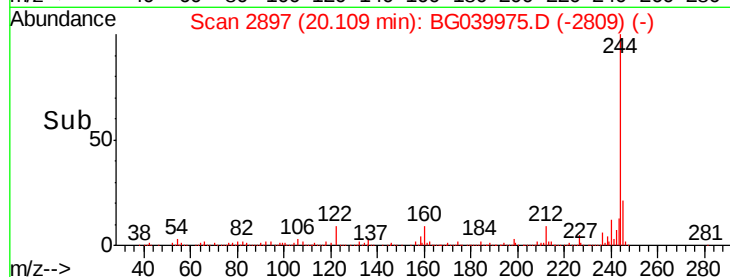
122 8.8 8.4 12.6



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: 43.782 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

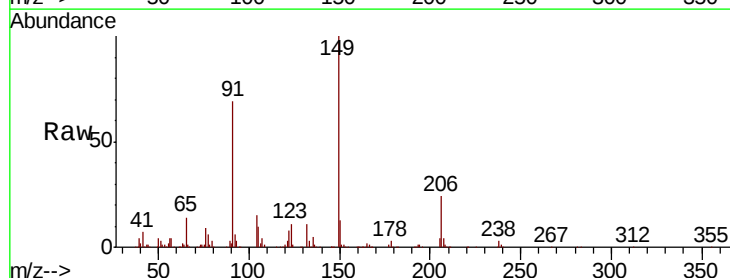
Tgt Ion:149 Resp: 307694

Ion Ratio Lower Upper

149 100

91 69.4 59.5 89.3

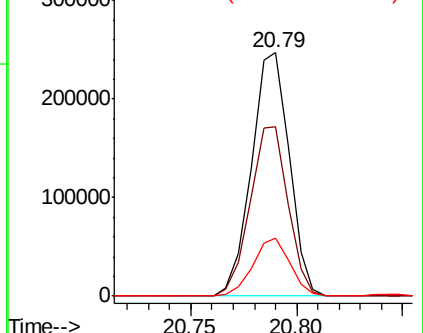
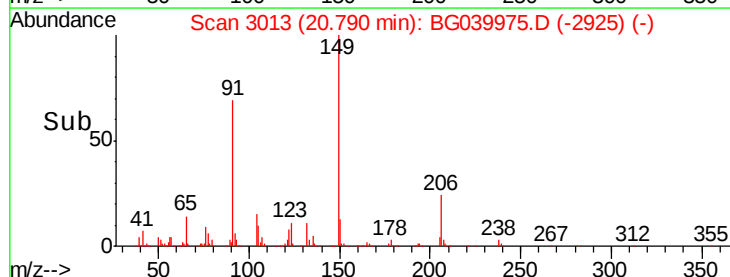
206 24.0 18.6 27.8



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: 39.704 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

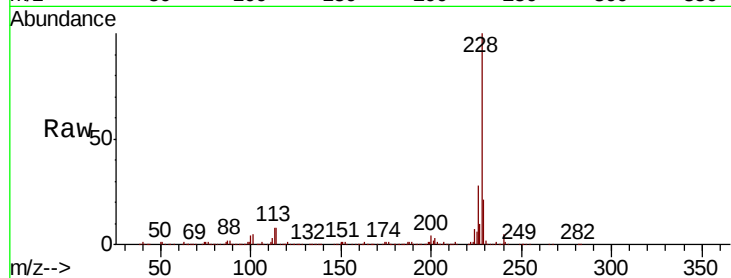
Tgt Ion:228 Resp: 694647

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.6

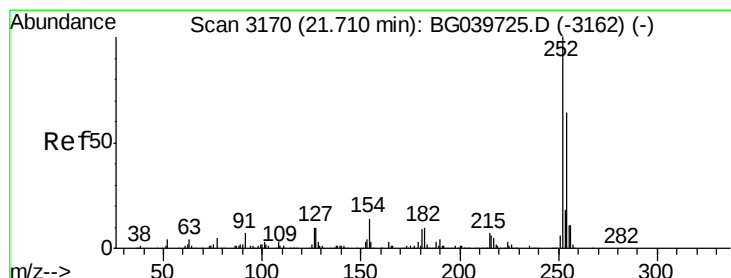
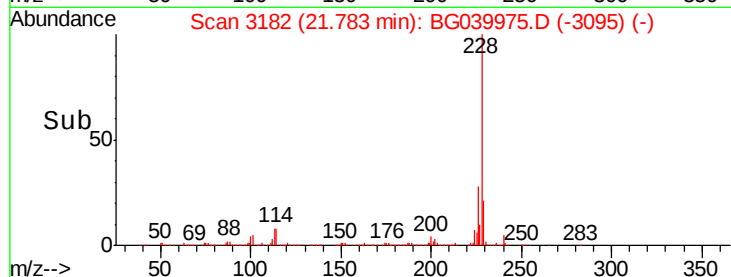
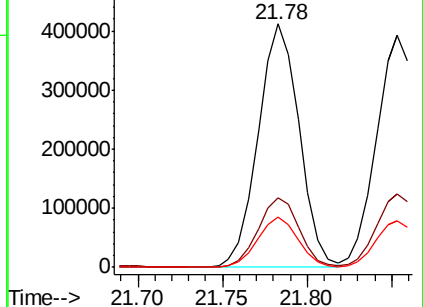
229 20.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.344 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

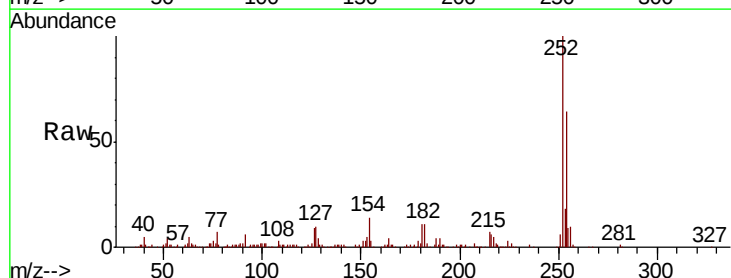
Tgt Ion:252 Resp: 174661

Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

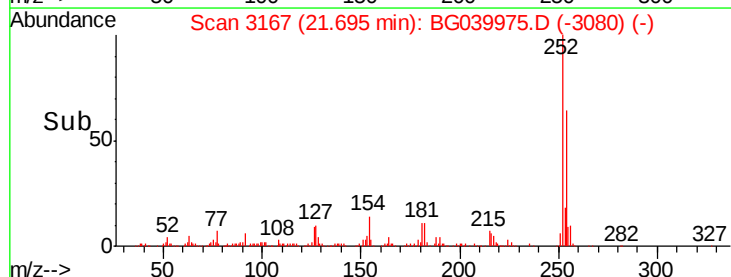
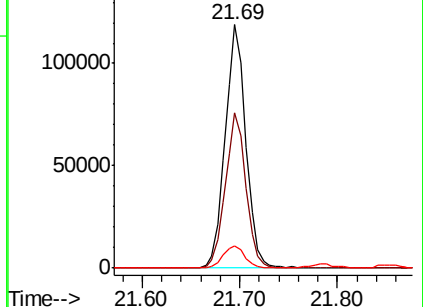
126 9.4 8.0 12.0

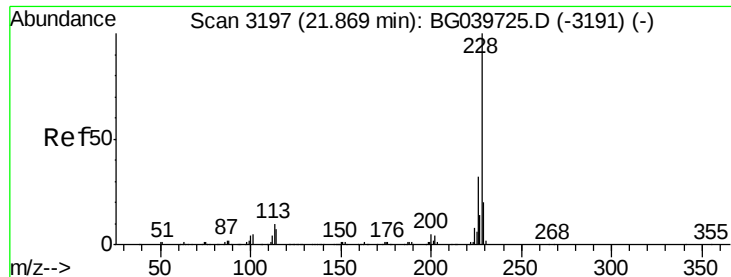


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.688 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

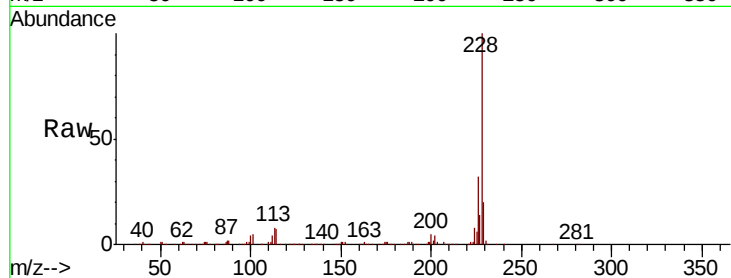
Tgt Ion:228 Resp: 673170

Ion Ratio Lower Upper

228 100

226 31.8 25.8 38.6

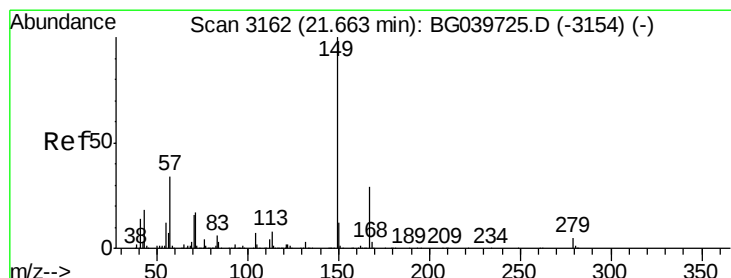
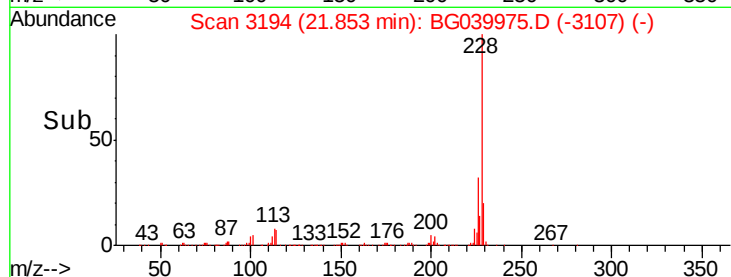
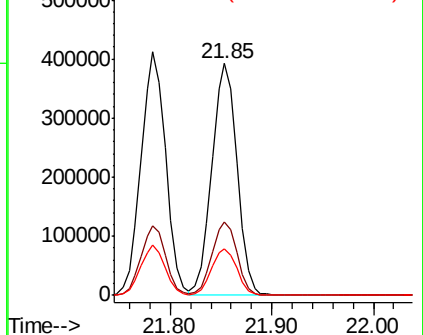
229 20.3 16.6 25.0



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: 43.078 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

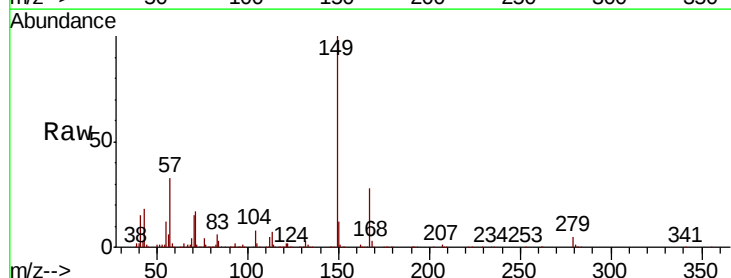
Tgt Ion:149 Resp: 425437

Ion Ratio Lower Upper

149 100

167 27.9 22.6 34.0

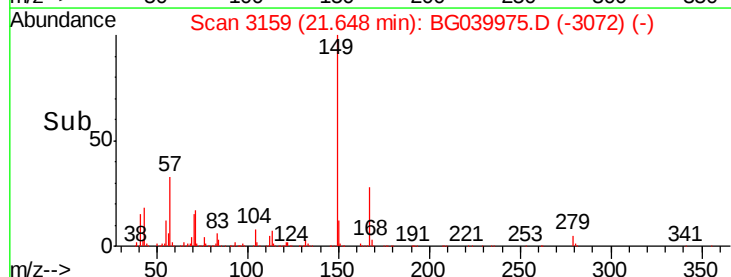
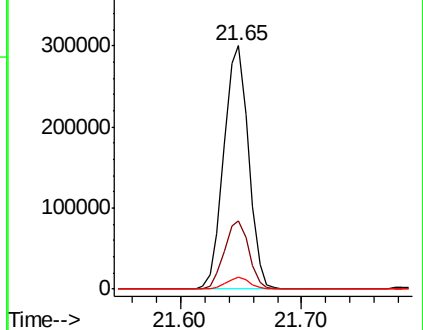
279 4.8 3.5 5.3



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

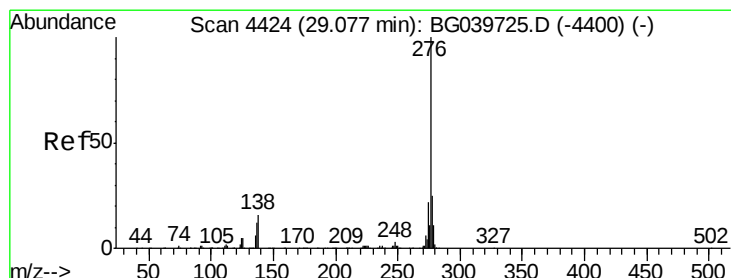
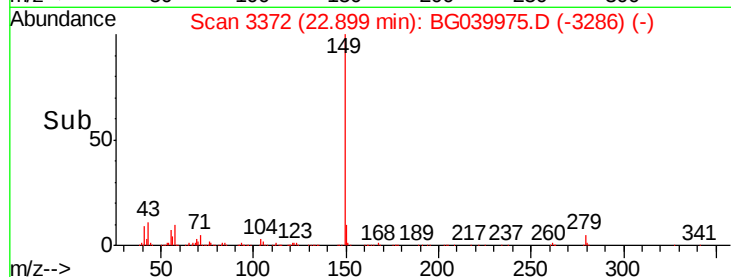
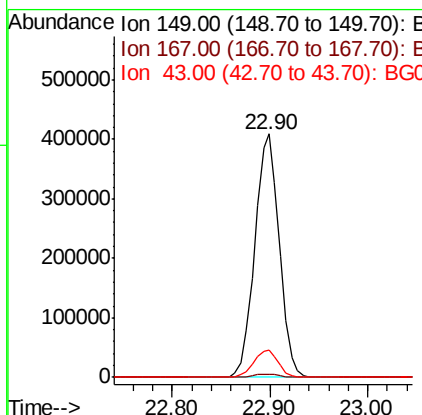
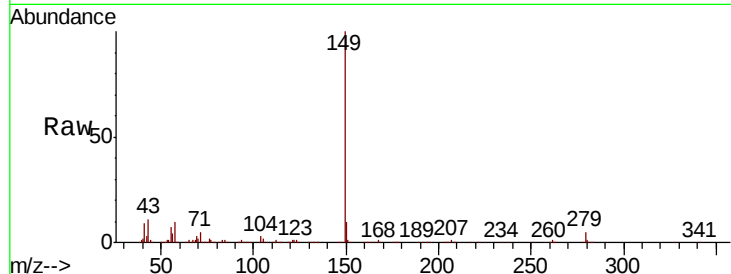




#85
Di-n-octyl phthalate
Concen: 44.012 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

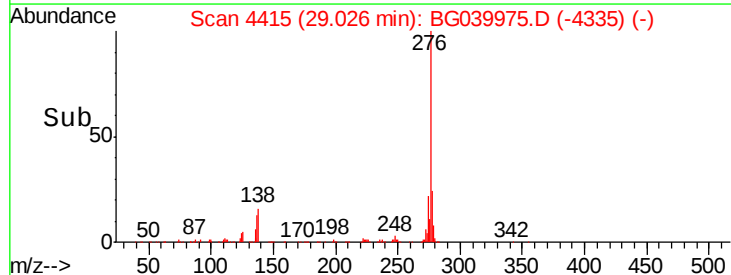
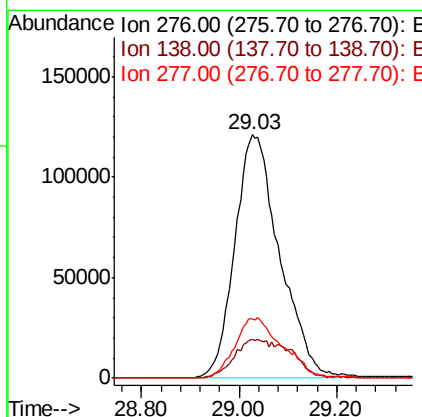
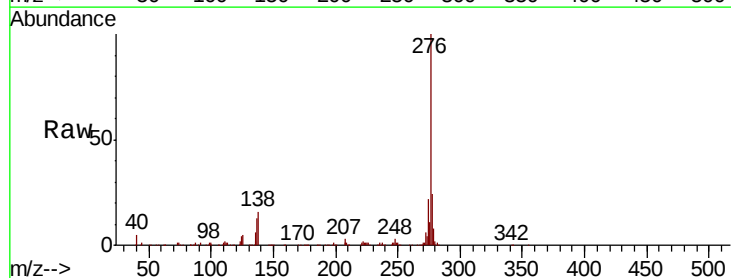
Instrument :
BNA_G
ClientSampleId :
PB117991BSD

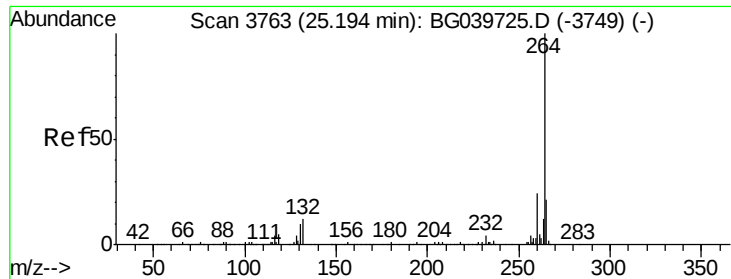
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.1	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.120 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.06 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	12.6	19.0#
277	26.1	20.8	31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

Instrument :

BNA_G

ClientSampleId :

PB117991BSD

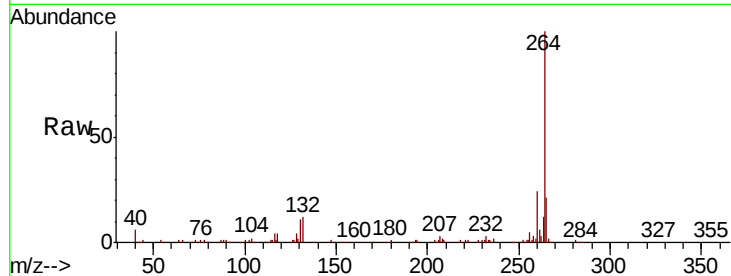
Tgt Ion:264 Resp: 253998

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.1 18.5 27.7

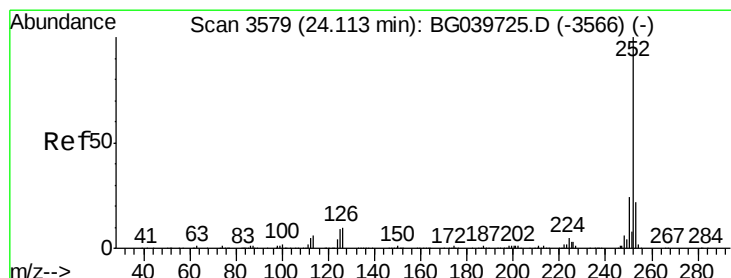
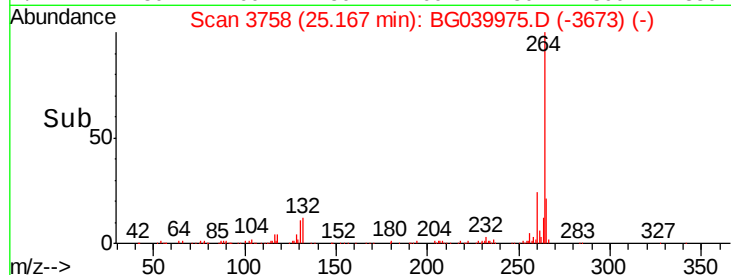
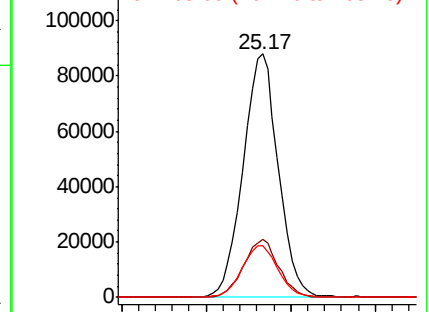


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.647 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG039975.D

Acq: 18 Mar 2019 18:37

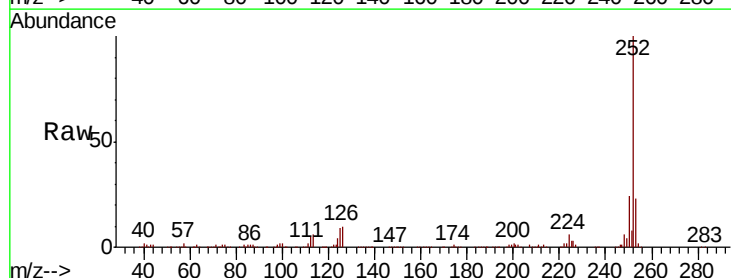
Tgt Ion:252 Resp: 706535

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 8.5 7.8 11.6

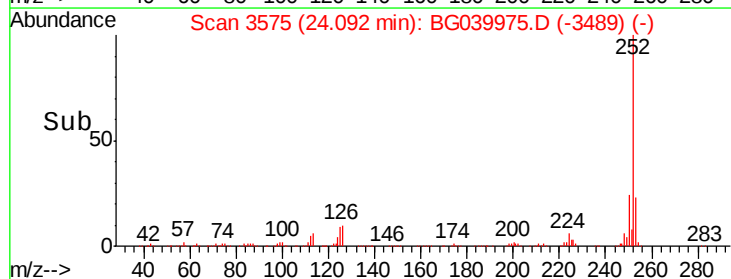
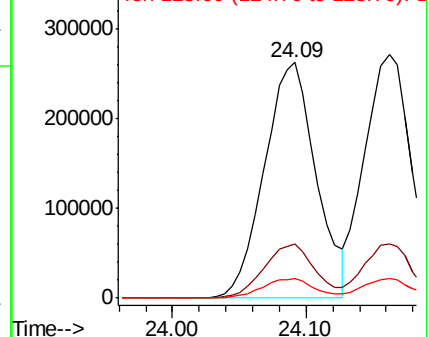


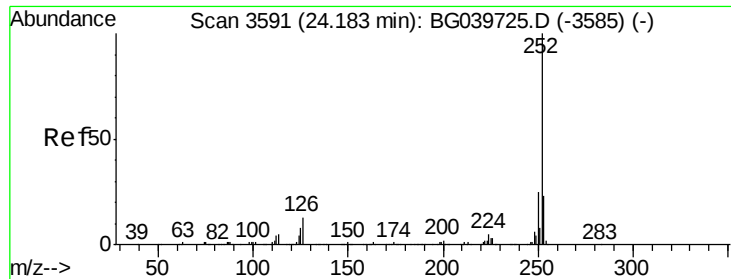
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

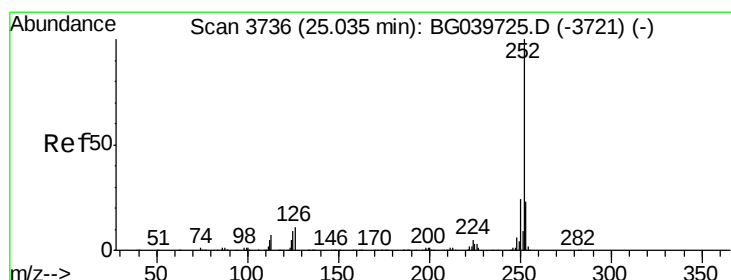
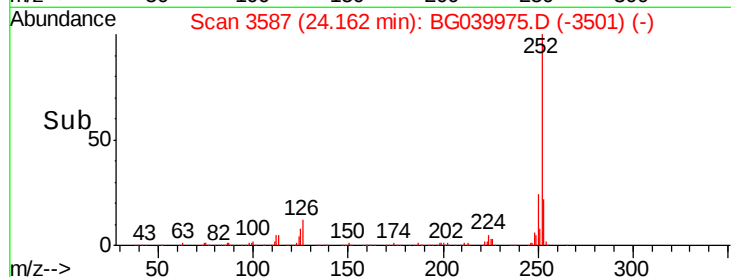
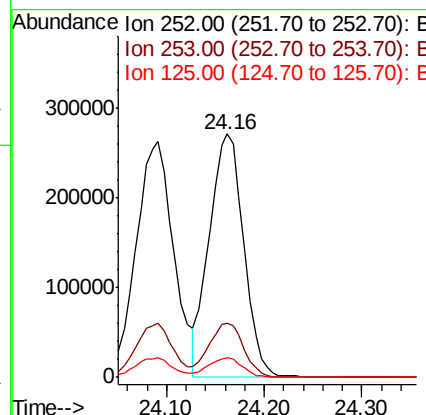
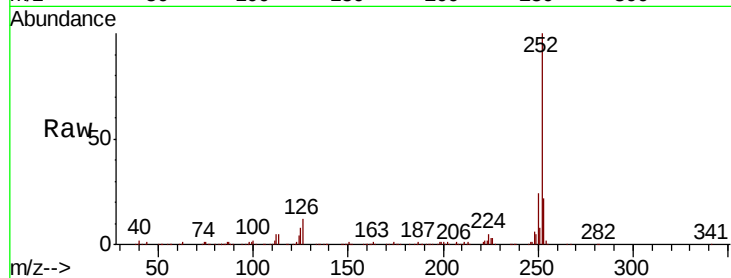




#89
Benzo(k)fluoranthene
Concen: 46.782 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

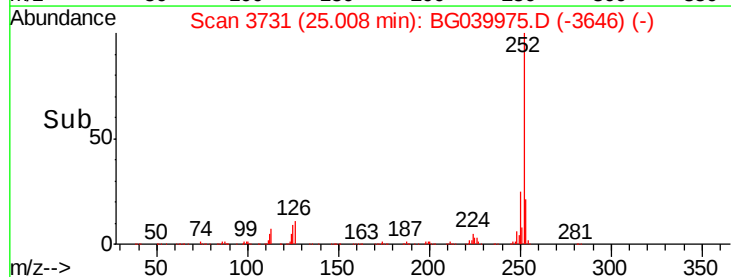
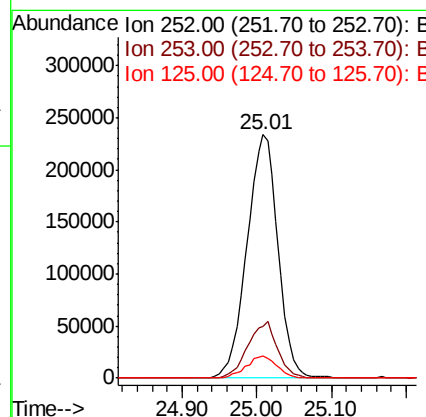
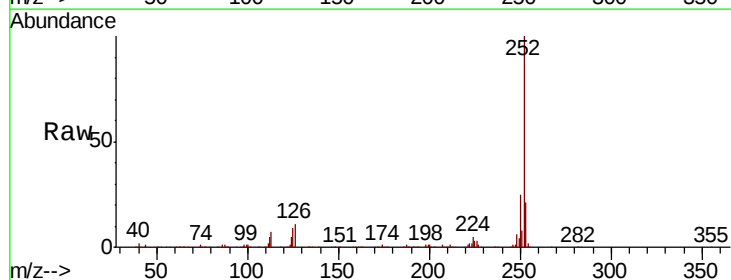
Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.2	7.4	11.2



#90
Benzo(a)pyrene
Concen: 47.988 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	9.1	8.3	12.5

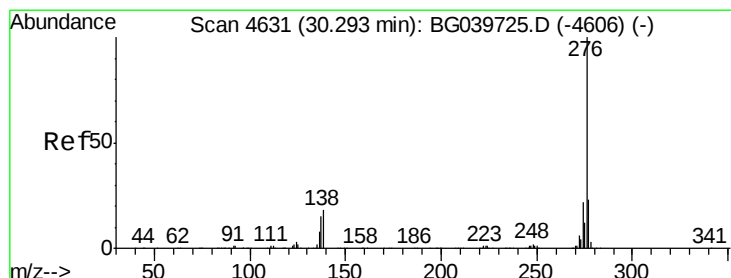
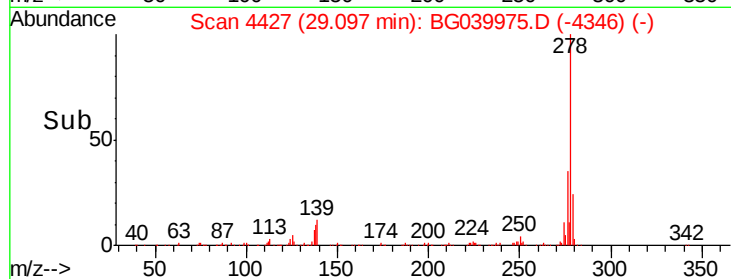
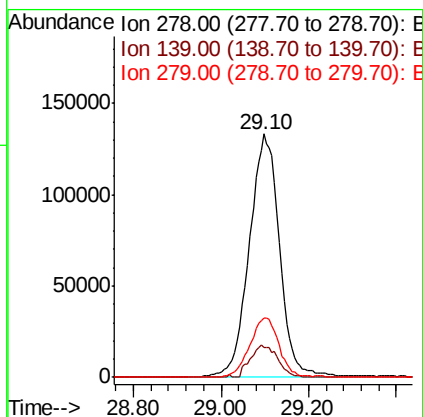
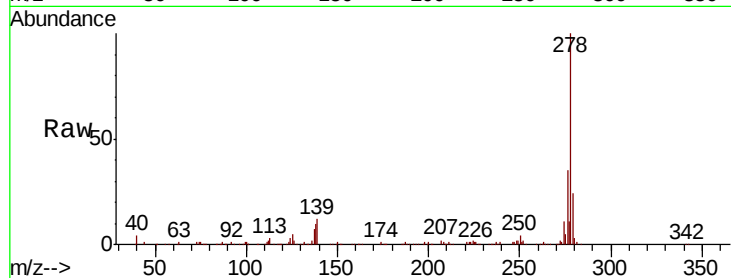




#91
Dibenzo(a,h)anthracene
Concen: 45.855 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Instrument :
BNA_G
ClientSampleId :
PB117991BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.7	17.5
279	24.2	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 47.208 ng
RT: 30.25 min Scan# 4623
Delta R.T. -0.06 min
Lab File: BG039975.D
Acq: 18 Mar 2019 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	16.3	14.7	22.1

