

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
 Data File : BG039417.D
 Acq On : 8 Feb 2019 16:00
 Operator : JU/SJ
 Sample : PB116935BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

Quant Time: Feb 08 23:33:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	45432	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	202352	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	132677	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	326420	20.00	ng	0.00
76) Chrysene-d12	21.83	240	346902	20.00	ng	-0.02
87) Perylene-d12	25.22	264	364796	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	438803	165.31	ng	0.00
7) Phenol-d6	7.32	99	615062	157.41	ng	0.00
23) Nitrobenzene-d5	9.35	82	294910	91.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	235732	165.00	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	726232	78.52	ng	0.00
79) Terphenyl-d14	20.13	244	1305762	79.67	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	44104	37.983	ng	91
3) Pyridine	4.00	79	121689	39.583	ng	95
4) n-Nitrosodimethylamine	3.93	42	64425	41.903	ng	90
6) Aniline	7.50	93	143826	29.387	ng	98
8) 2-Chlorophenol	7.73	128	139067	47.927	ng	94
9) Benzaldehyde	7.32	77	70031	34.496	ng	96
10) Phenol	7.34	94	185465	45.534	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	129767	40.319	ng	93
12) 1,3-Dichlorobenzene	8.06	146	140978	40.107	ng	96
13) 1,4-Dichlorobenzene	8.21	146	145893	41.641	ng	99
14) 1,2-Dichlorobenzene	8.53	146	137624	40.577	ng	99
15) Benzyl Alcohol	8.41	79	128485	41.885	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	254219	34.977	ng	100
17) 2-Methylphenol	8.60	107	119475	45.327	ng	98
18) Hexachloroethane	9.26	117	50120	41.581	ng	91
19) n-Nitroso-di-n-propylamine	8.98	70	101219	36.498	ng	93
20) 3+4-Methylphenols	8.93	107	164040	45.194	ng	96
22) Acetophenone	9.00	105	201141	37.005	ng	# 94
24) Nitrobenzene	9.40	77	155314	44.384	ng	97
25) Isophorone	9.91	82	296626	41.325	ng	100
26) 2-Nitrophenol	10.11	139	73272	52.046	ng	96
27) 2,4-Dimethylphenol	10.14	122	142854	49.199	ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	183267	41.452	ng	96
29) 2,4-Dichlorophenol	10.64	162	147592	46.509	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	148885	41.788	ng	98
31) Naphthalene	11.05	128	424672	42.304	ng	99
32) Benzoic acid	10.25	122	61806	35.418	ng	97
33) 4-Chloroaniline	11.16	127	98698	21.205	ng	100
34) Hexachlorobutadiene	11.31	225	95127	40.148	ng	97
35) Caprolactam	11.93	113	36600	27.871	ng	99
36) 4-Chloro-3-methylphenol	12.25	107	155357	42.331	ng	95
37) 2-Methylnaphthalene	12.64	142	324561	43.652	ng	96
38) 1-Methylnaphthalene	12.86	142	303535	42.351	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	174048	41.230	ng	98

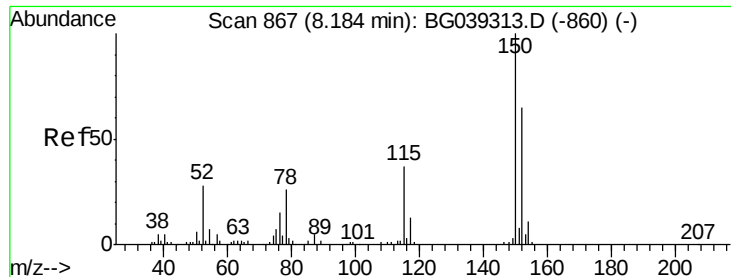
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	230225	100.085	ng	100
43) 2,4,6-Trichlorophenol	13.23	196	118476	45.646	ng	97
44) 2,4,5-Trichlorophenol	13.30	196	128494	47.235	ng	98
46) 1,1'-Biphenyl	13.64	154	431533	39.091	ng	98
47) 2-Chloronaphthalene	13.68	162	332872	40.084	ng	98
48) 2-Nitroaniline	13.89	65	108564	45.939	ng	94
49) Acenaphthylene	14.52	152	534849	42.683	ng	99
50) Dimethylphthalate	14.25	163	427412	39.887	ng	99
51) 2,6-Dinitrotoluene	14.37	165	93689	46.948	ng	99
52) Acenaphthene	14.87	154	325782	40.052	ng	98
53) 3-Nitroaniline	14.71	138	69838	34.211	ng	# 94
54) 2,4-Dinitrophenol	14.91	184	53683	66.231	ng	88
55) Dibenzofuran	15.19	168	531528	40.757	ng	100
56) 4-Nitrophenol	14.99	139	163648	84.142	ng	89
57) 2,4-Dinitrotoluene	15.16	165	134023	51.552	ng	# 86
58) Fluorene	15.84	166	411813	42.359	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.41	232	126004	49.470	ng	# 97
60) Diethylphthalate	15.60	149	436673	39.414	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	217462	39.504	ng	96
62) 4-Nitroaniline	15.87	138	105419	47.010	ng	90
63) Azobenzene	16.12	77	395989	36.568	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	51279	42.058	ng	98
66) n-Nitrosodiphenylamine	16.05	169	382587	38.547	ng	98
67) 4-Bromophenyl-phenylether	16.73	248	143396	39.598	ng	95
68) Hexachlorobenzene	16.83	284	147089	40.485	ng	95
69) Atrazine	16.99	200	154969	42.725	ng	96
70) Pentachlorophenol	17.18	266	171845	68.053	ng	98
71) Phenanthrene	17.58	178	712398	42.167	ng	99
72) Anthracene	17.68	178	724879	43.559	ng	99
73) Carbazole	17.94	167	641142	38.605	ng	98
74) Di-n-butylphthalate	18.48	149	782530	40.389	ng	99
75) Fluoranthene	19.58	202	882912	45.025	ng	100
77) Benzidine	19.76	184	454875	39.995	ng	99
78) Pyrene	19.95	202	890119	41.218	ng	99
80) Butylbenzylphthalate	20.82	149	368462	40.447	ng	96
81) Benzo(a)anthracene	21.81	228	883775	43.115	ng	99
82) 3,3'-Dichlorobenzidine	21.73	252	190350	25.044	ng	99
83) Chrysene	21.89	228	821617	42.106	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	514510	39.589	ng	100
85) Di-n-octyl phthalate	22.95	149	881741	41.066	ng	96
86) Indeno(1,2,3-cd)pyrene	29.12	276	968816	46.276	ng	# 95
88) Benzo(b)fluoranthene	24.13	252	871993	43.831	ng	99
89) Benzo(k)fluoranthene	24.21	252	841412	42.126	ng	99
90) Benzo(a)pyrene	25.06	252	845162	44.111	ng	97
91) Dibenzo(a,h)anthracene	29.19	278	779242	43.429	ng	99
92) Benzo(g,h,i)perylene	30.34	276	780568	43.645	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

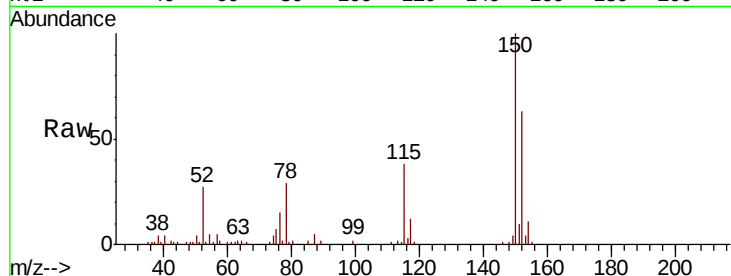
Tgt Ion:152 Resp: 45432

Ion Ratio Lower Upper

152 100

150 158.1 123.7 185.5

115 59.4 45.9 68.9

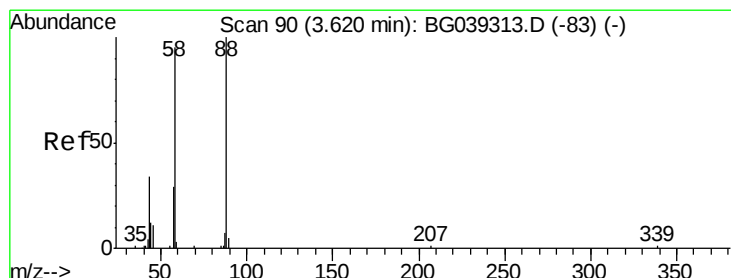
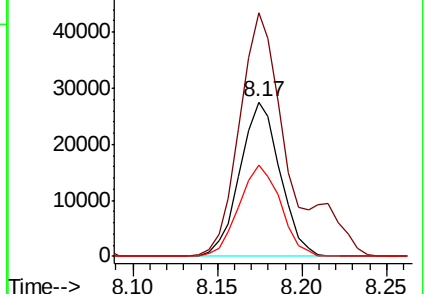
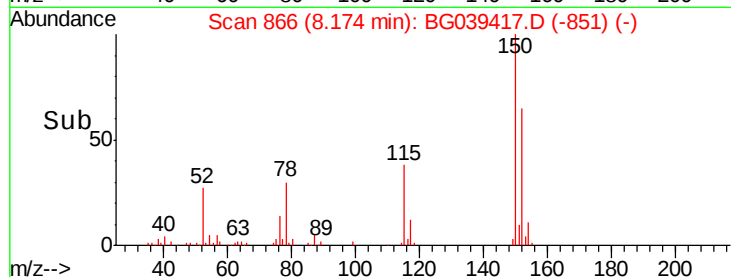


Abundance

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: 37.983 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

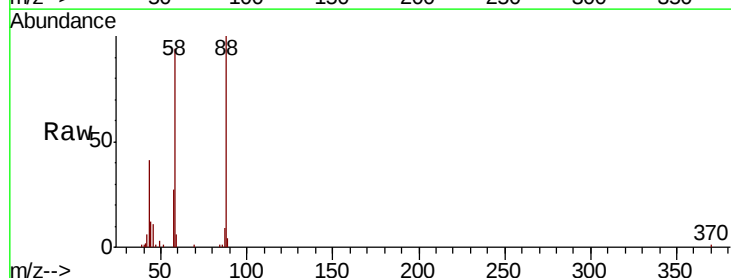
Tgt Ion: 88 Resp: 44104

Ion Ratio Lower Upper

88 100

58 92.2 81.1 121.7

43 34.8 31.4 47.0

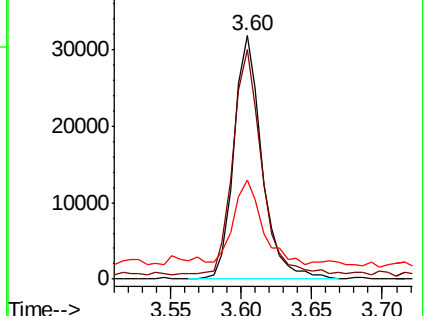
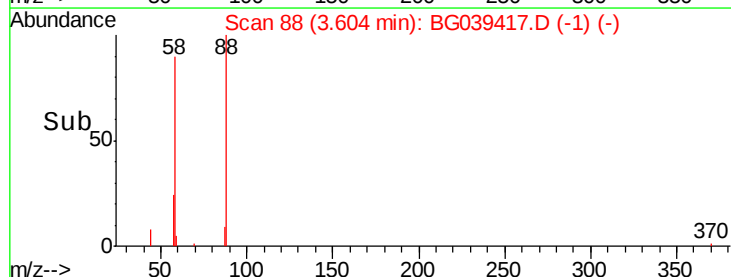


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.583 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

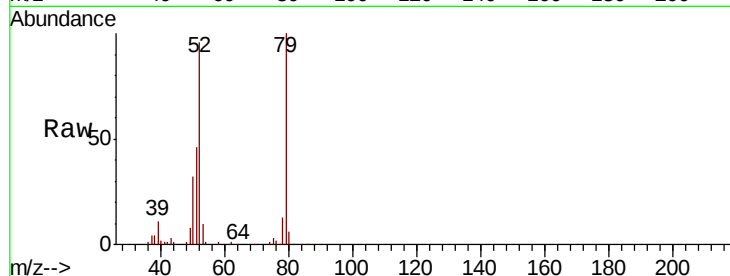
Tgt Ion: 79 Resp: 121689

Ion Ratio Lower Upper

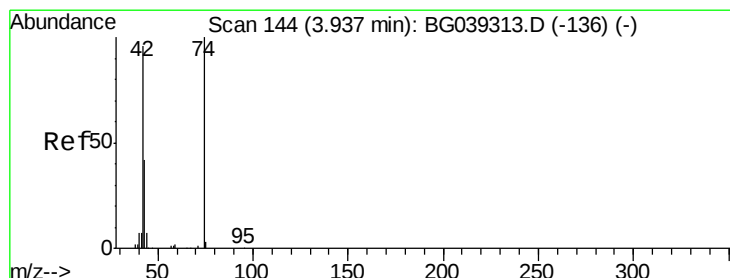
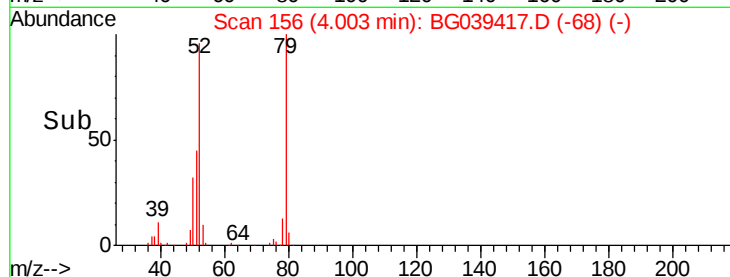
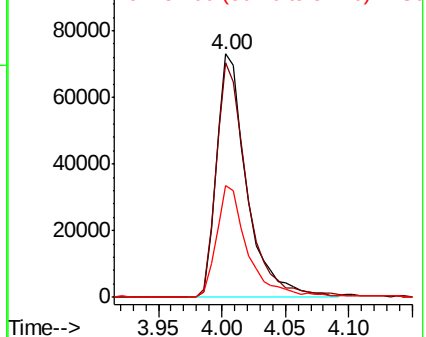
79 100

52 96.4 82.6 124.0

51 46.0 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: 41.903 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

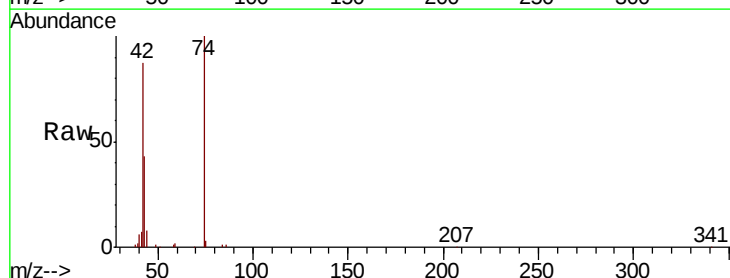
Tgt Ion: 42 Resp: 64425

Ion Ratio Lower Upper

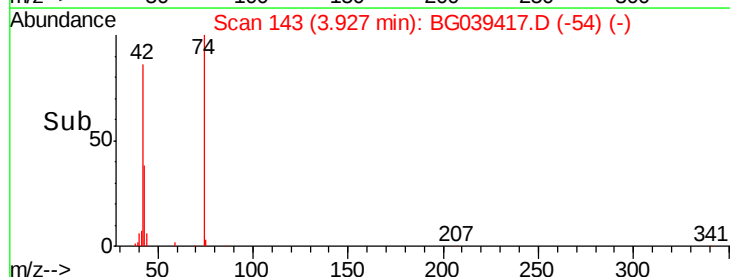
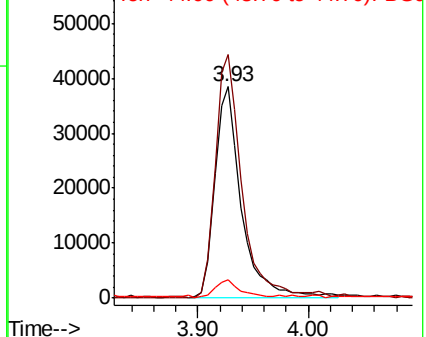
42 100

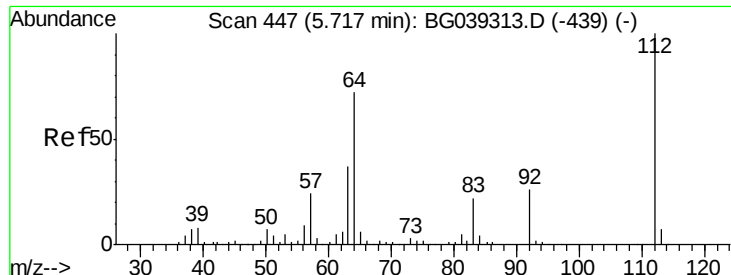
74 115.1 83.6 125.4

44 8.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 165.305 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

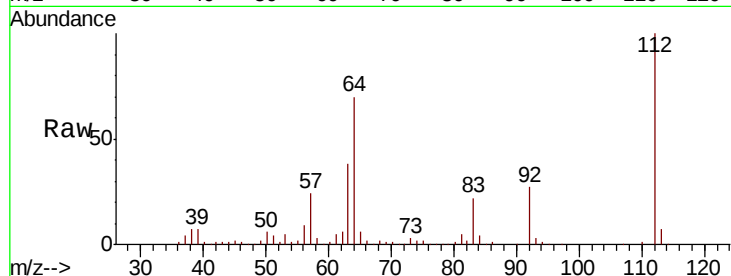
Tgt Ion: 112 Resp: 438803

Ion Ratio Lower Upper

112 100

64 69.8 57.8 86.8

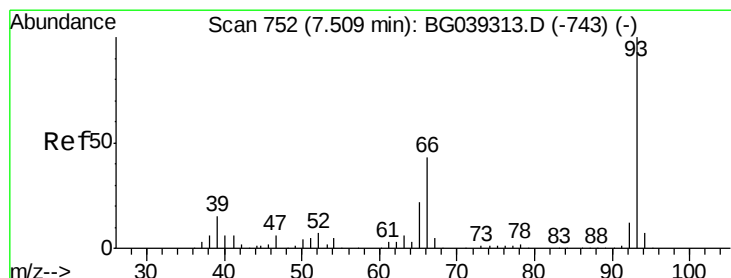
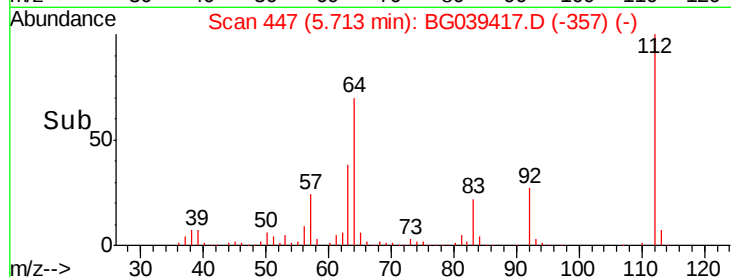
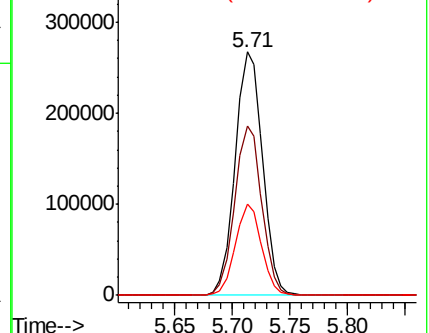
63 37.5 29.8 44.6



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: 29.387 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

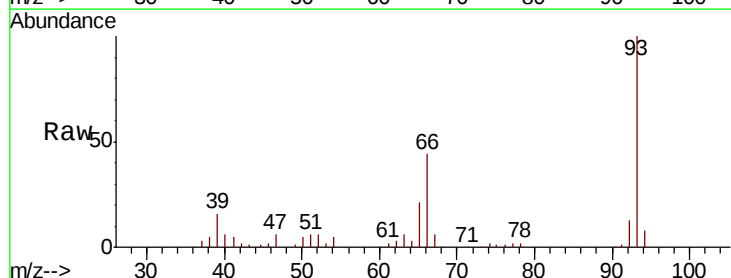
Tgt Ion: 93 Resp: 143826

Ion Ratio Lower Upper

93 100

66 44.1 34.2 51.4

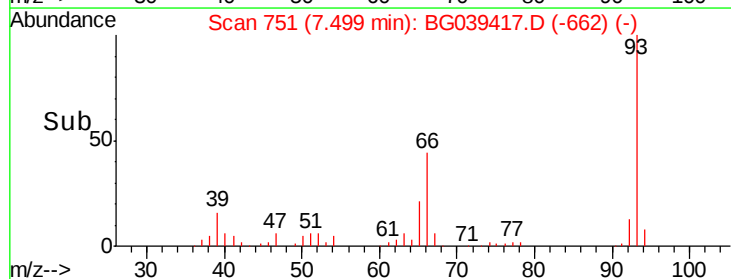
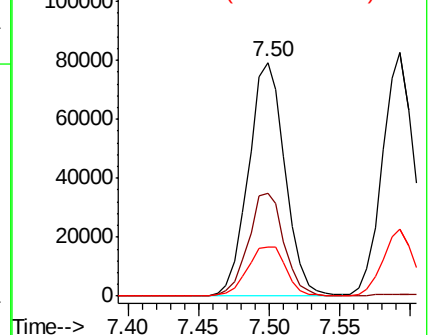
65 21.1 17.7 26.5

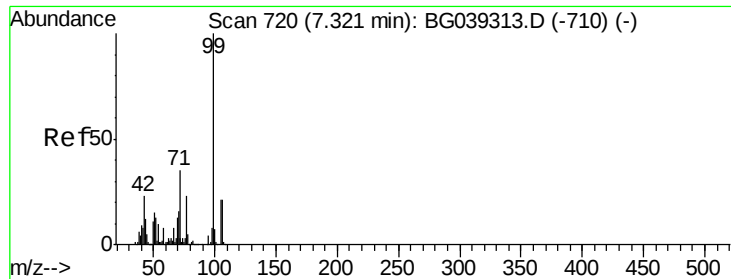


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.412 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

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ClientSampleId :

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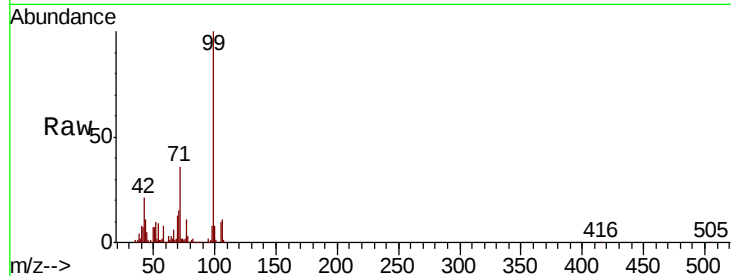
Tgt Ion: 99 Resp: 615062

Ion Ratio Lower Upper

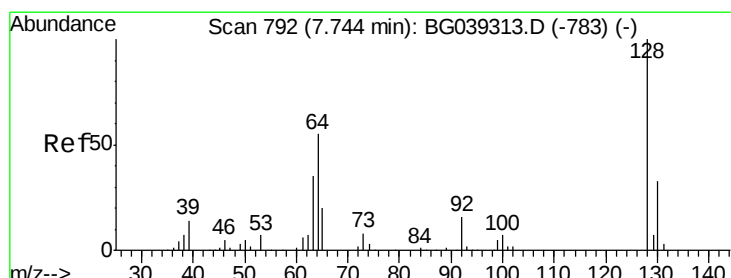
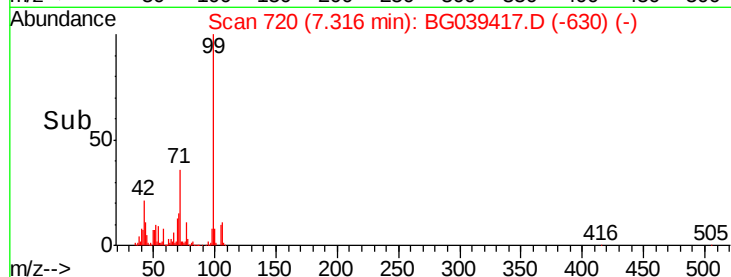
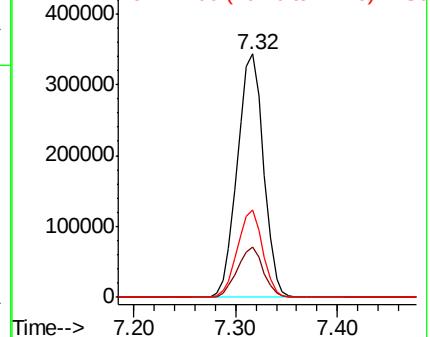
99 100

42 20.9 18.2 27.2

71 35.7 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: 47.927 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

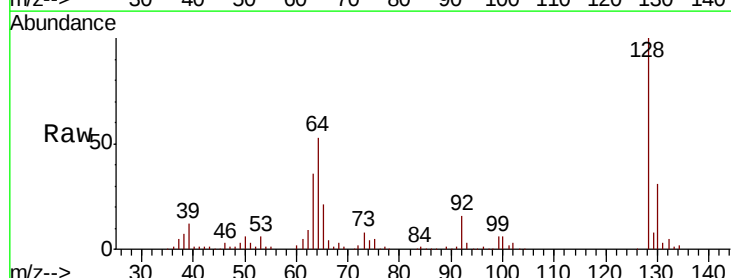
Tgt Ion: 128 Resp: 139067

Ion Ratio Lower Upper

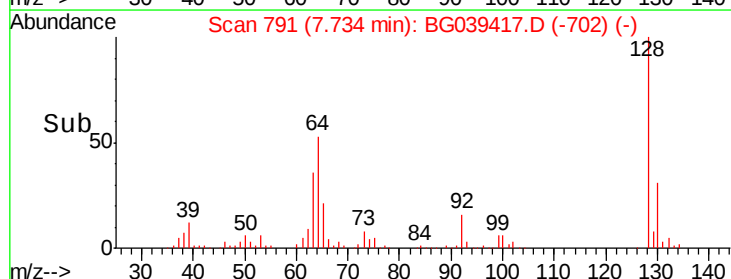
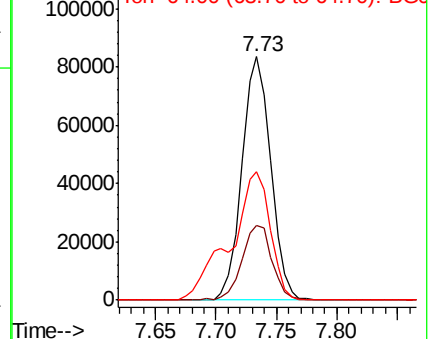
128 100

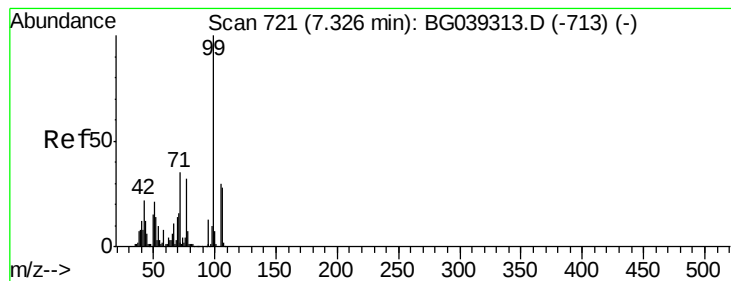
130 30.6 12.9 52.9

64 53.0 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: 34.496 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

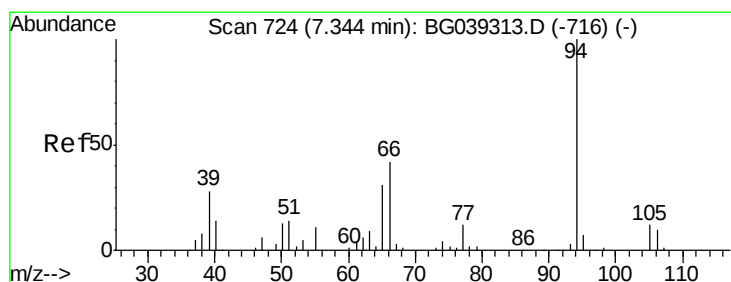
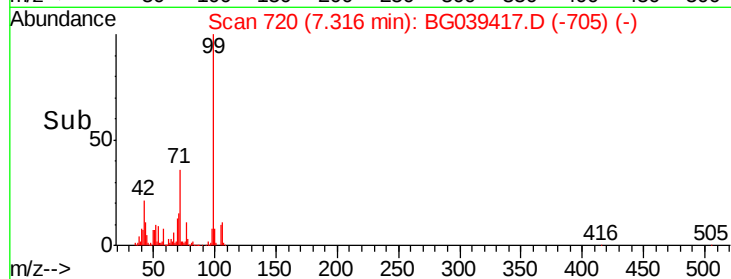
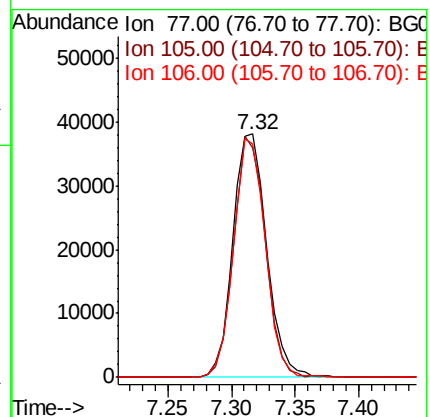
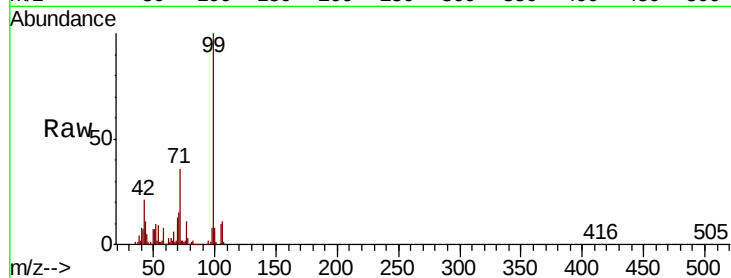
Tgt Ion: 77 Resp: 70031

Ion Ratio Lower Upper

77 100

105 94.3 74.5 114.5

106 95.6 68.0 108.0



#10

Phenol

Concen: 45.534 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

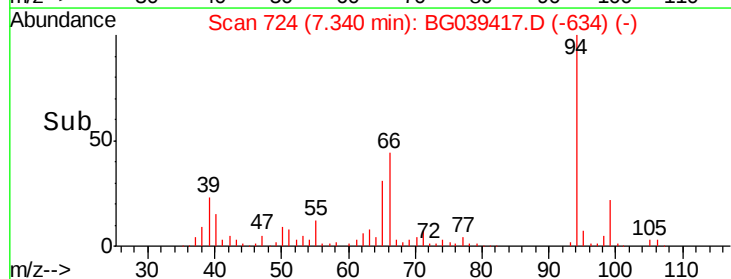
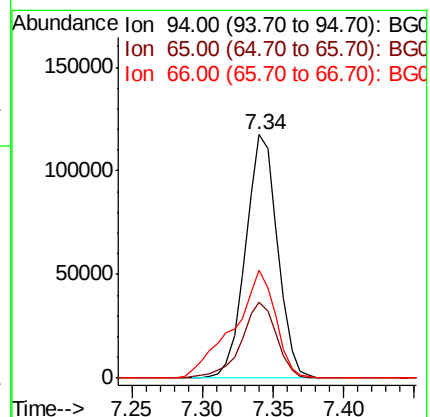
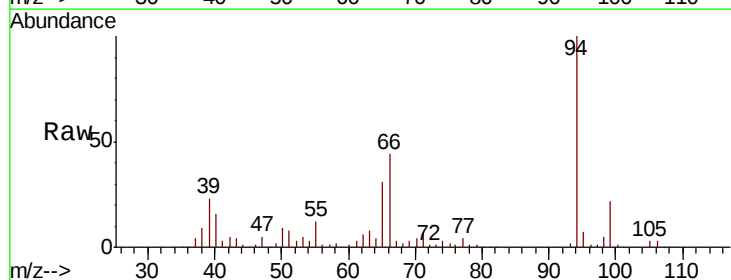
Tgt Ion: 94 Resp: 185465

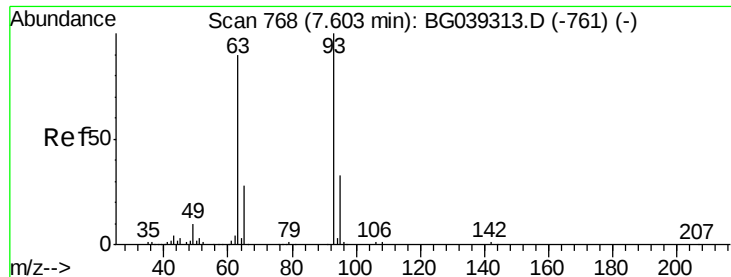
Ion Ratio Lower Upper

94 100

65 31.4 11.7 51.7

66 44.2 23.7 63.7





#11

bis(2-Chloroethyl)ether

Concen: 40.319 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

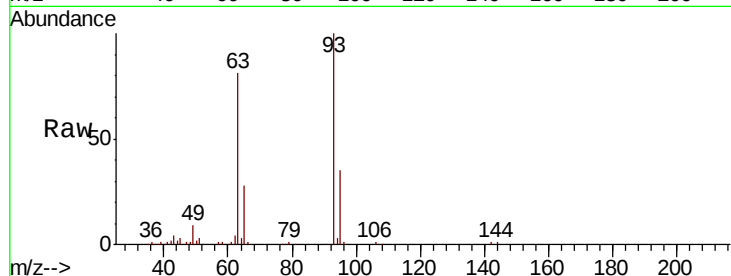
Tgt Ion: 93 Resp: 129767

Ion Ratio Lower Upper

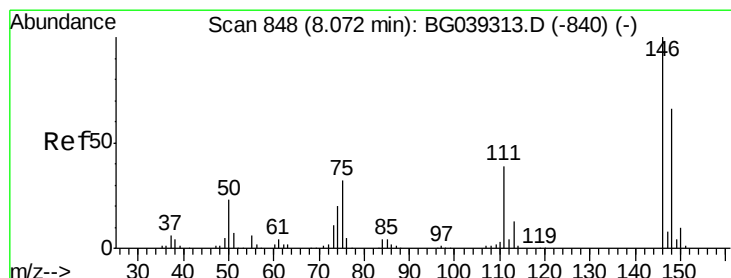
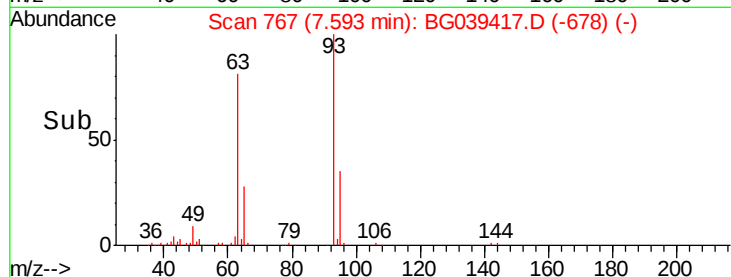
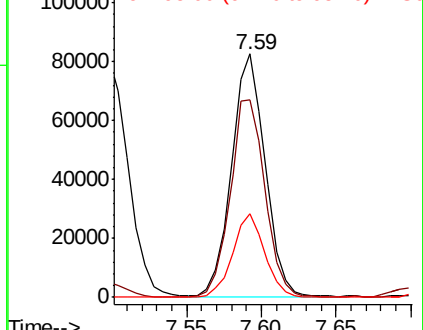
93 100

63 81.3 69.5 109.5

95 34.5 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 40.107 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

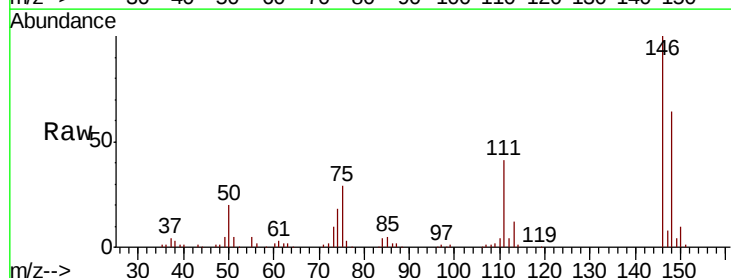
Tgt Ion: 146 Resp: 140978

Ion Ratio Lower Upper

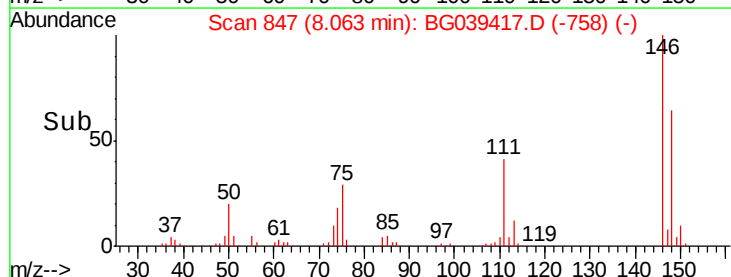
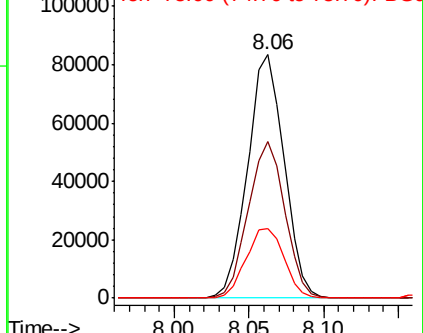
146 100

148 64.1 52.6 79.0

75 28.5 25.8 38.6



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





#13

1,4-Dichlorobenzene

Concen: 41.641 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

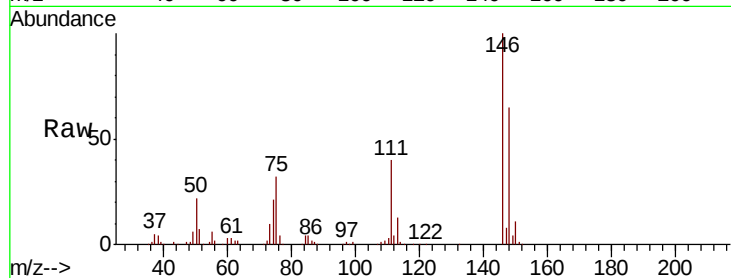
Tgt Ion:146 Resp: 145893

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

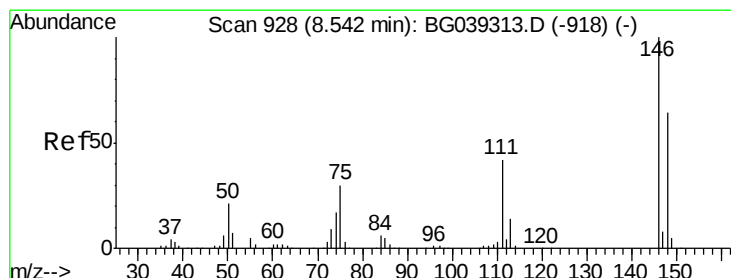
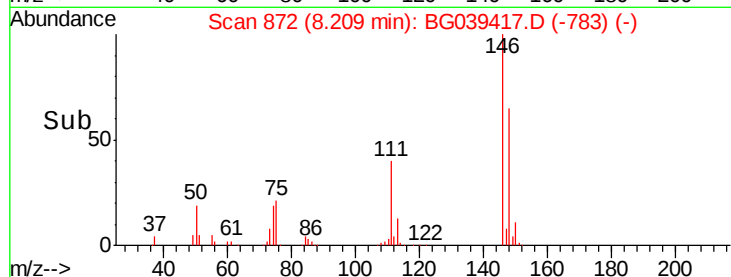
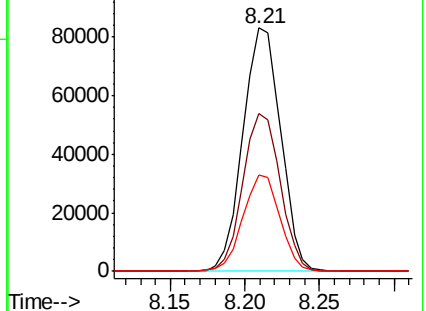
111 39.7 32.6 48.8



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: 40.577 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

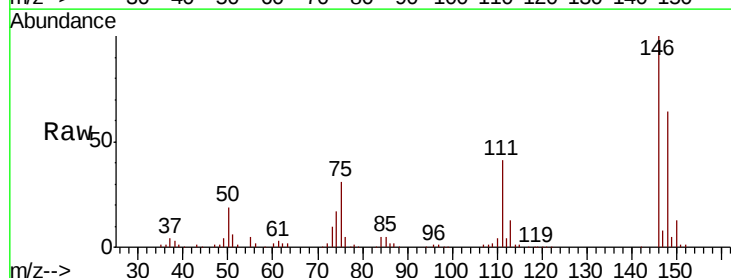
Tgt Ion:146 Resp: 137624

Ion Ratio Lower Upper

146 100

148 64.5 51.5 77.3

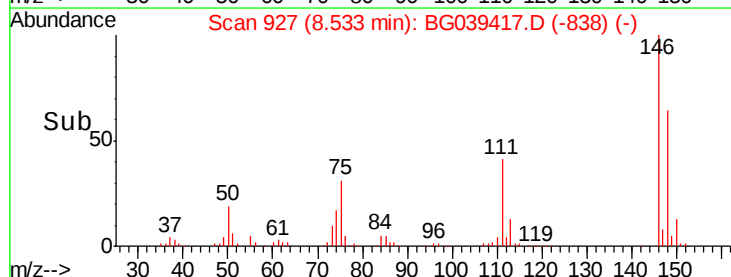
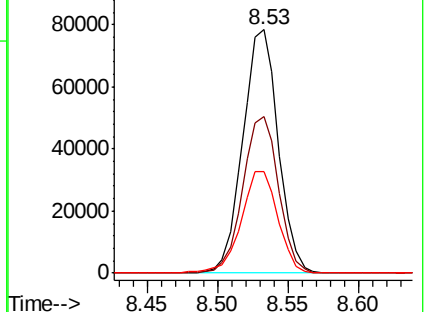
111 41.5 33.8 50.6

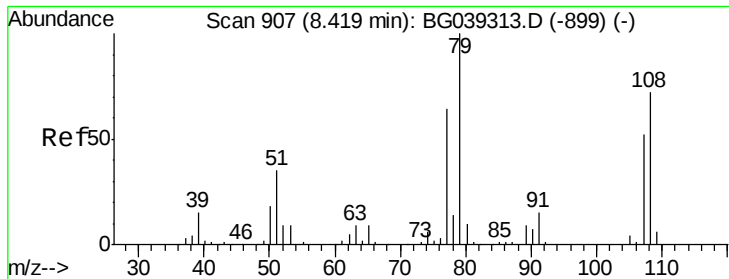


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.885 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

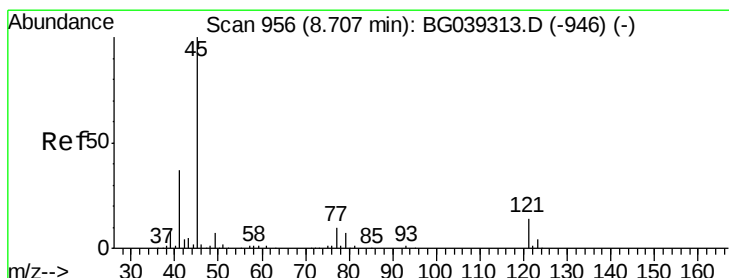
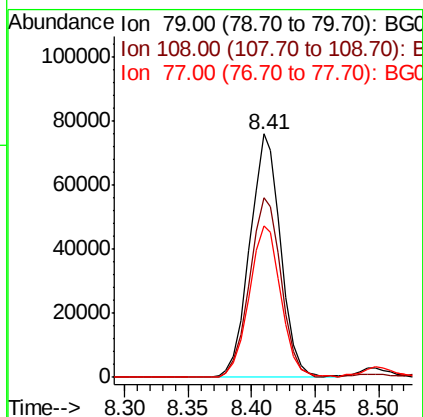
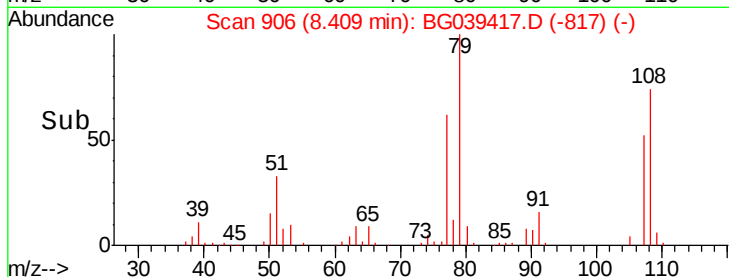
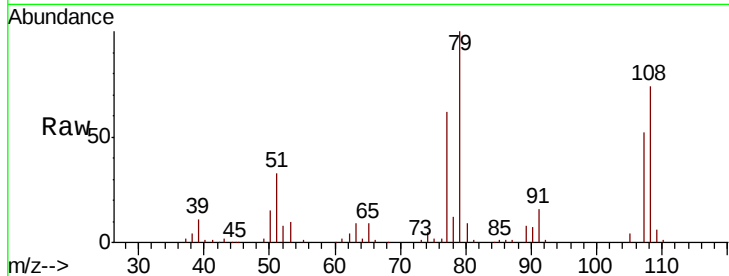
Tgt Ion: 79 Resp: 128485

Ion Ratio Lower Upper

79 100

108 73.9 57.8 86.6

77 62.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.977 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

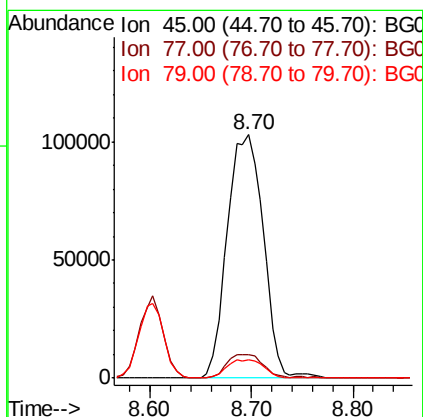
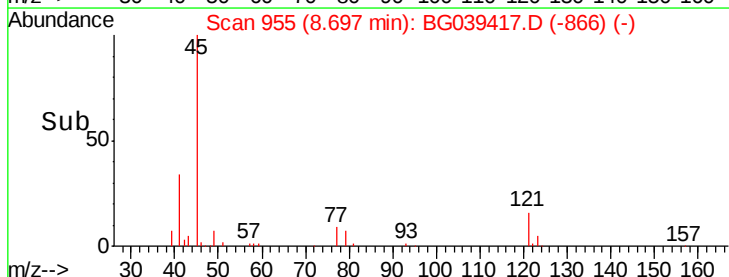
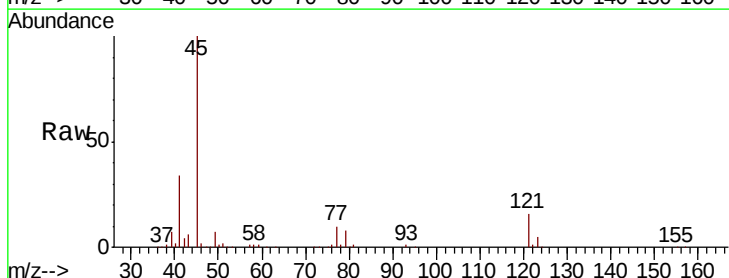
Tgt Ion: 45 Resp: 254219

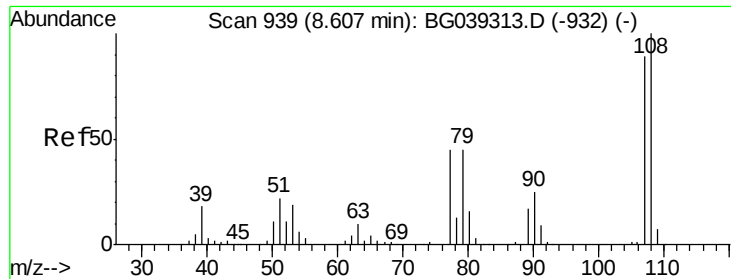
Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.0

79 7.5 0.0 27.5

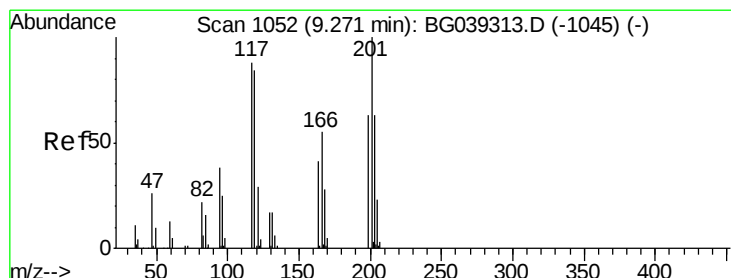
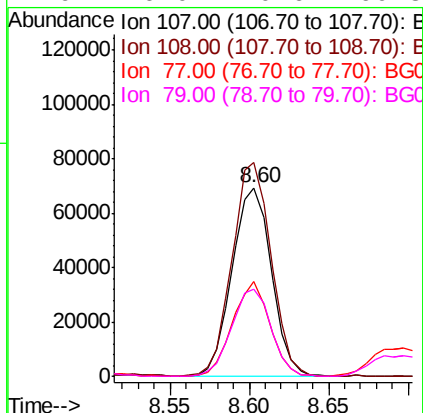
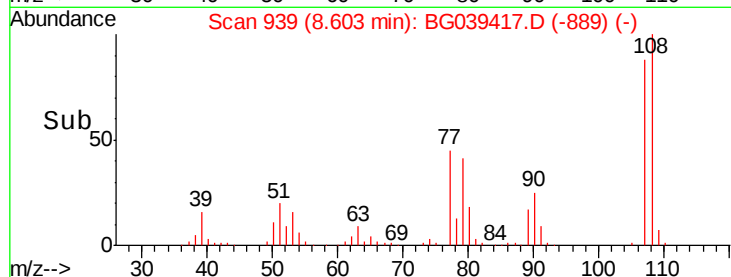
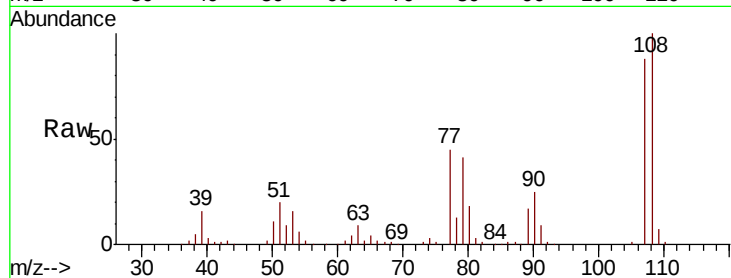




#17
2-Methylphenol
Concen: 45.327 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

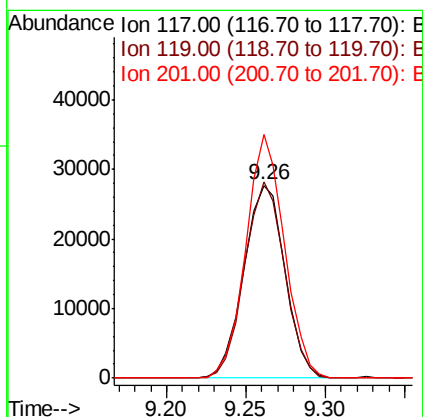
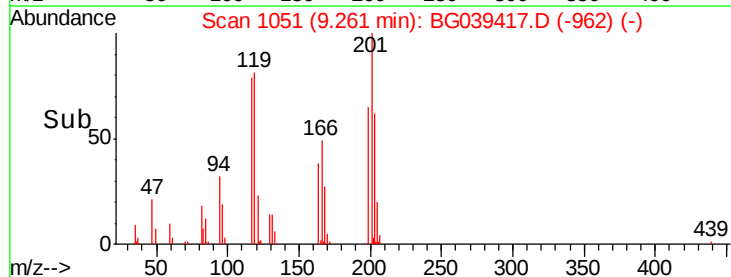
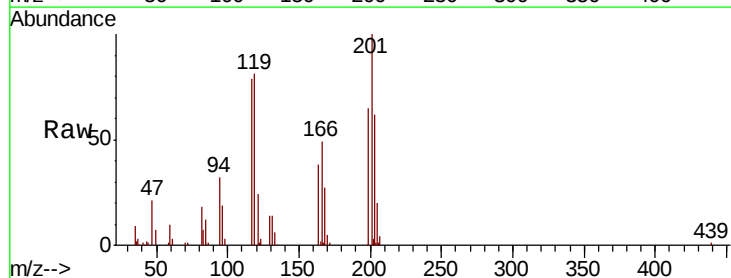
Instrument :
BNA_G
ClientSampleId :
PB116935BS

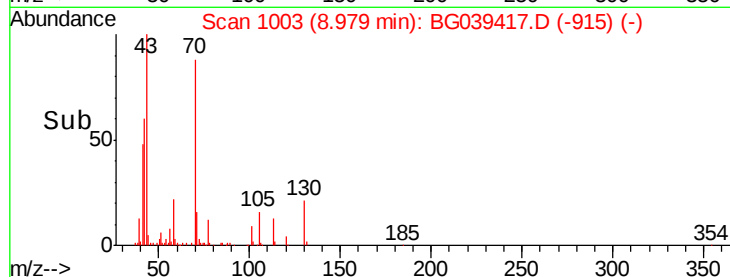
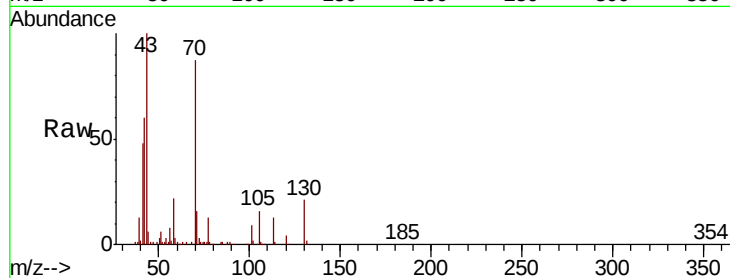
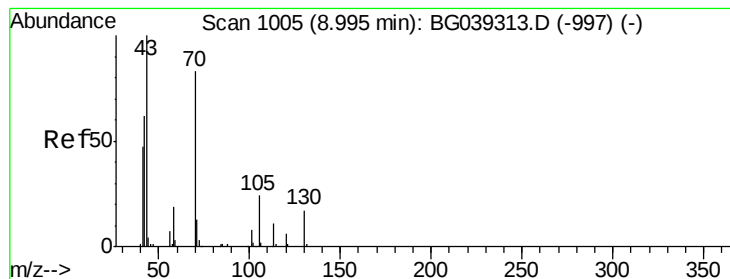
Tgt Ion:	107	Resp:	119475
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.8	136.2
77	50.5	40.7	61.1
79	46.0	40.6	60.8



#18
Hexachloroethane
Concen: 41.581 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:	117	Resp:	50120
Ion	Ratio	Lower	Upper
117	100		
119	101.6	76.3	114.5
201	126.2	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.498 ng

RT: 8.98 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

Tgt Ion: 70 Resp: 101219

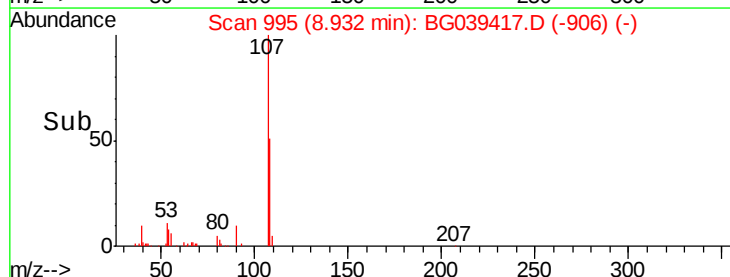
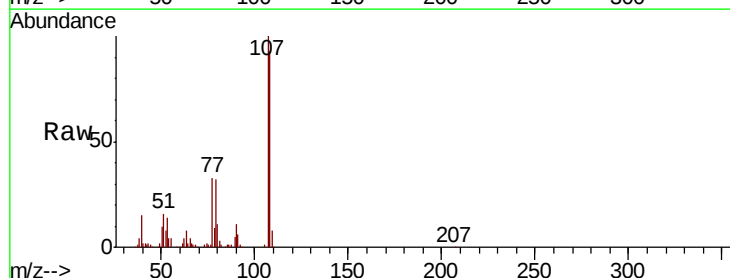
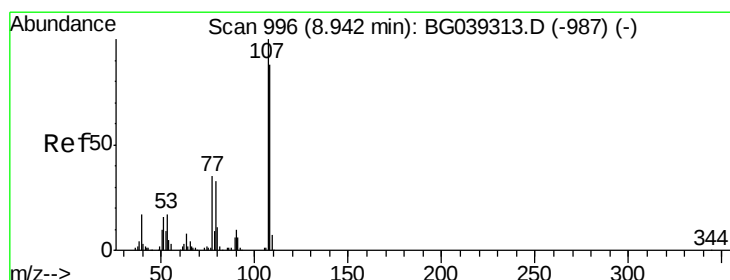
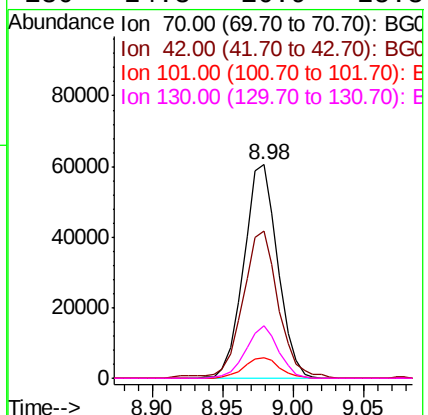
Ion Ratio Lower Upper

70 100

42 68.8 60.4 90.6

101 9.8 7.5 11.3

130 24.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.194 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion: 107 Resp: 164040

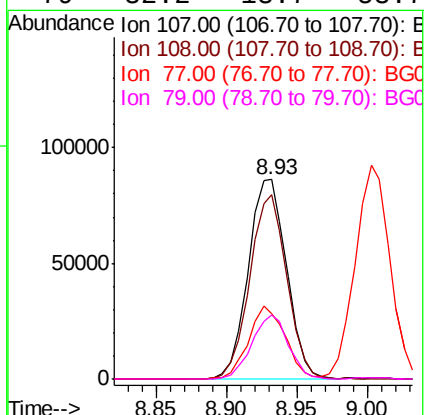
Ion Ratio Lower Upper

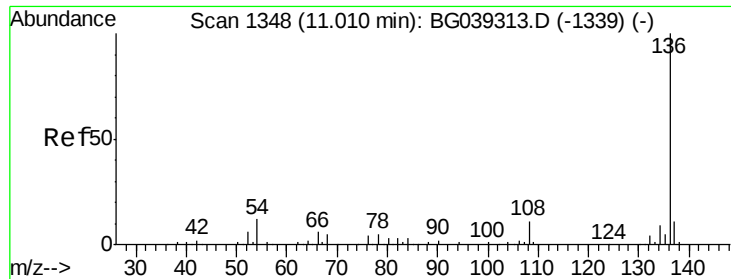
107 100

108 92.6 67.9 107.9

77 32.6 15.4 55.4

79 32.2 13.7 53.7

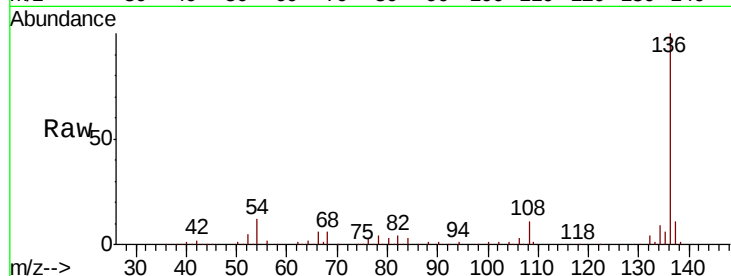




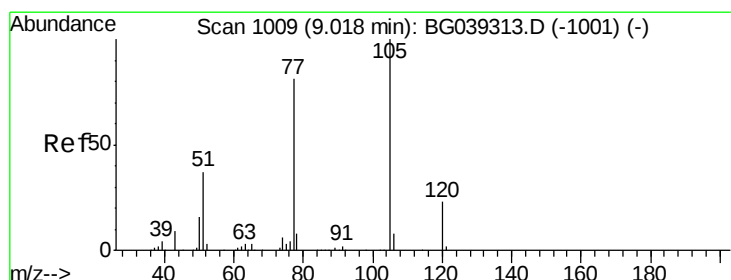
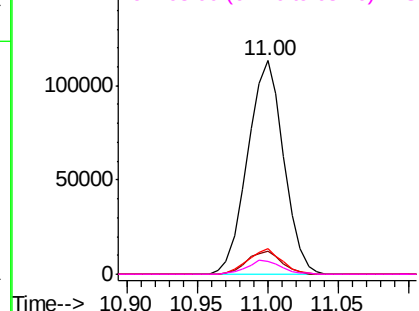
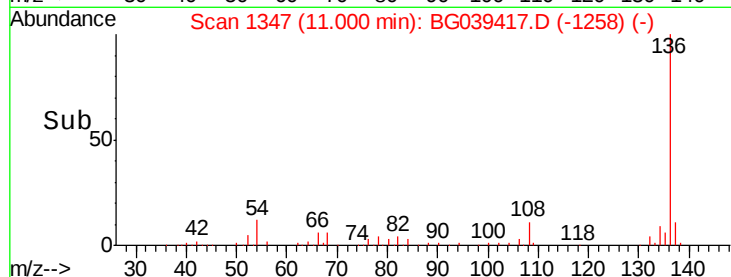
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion:	136	Resp:	202352
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	12.0	9.4	14.2
68	5.9	4.2	6.4

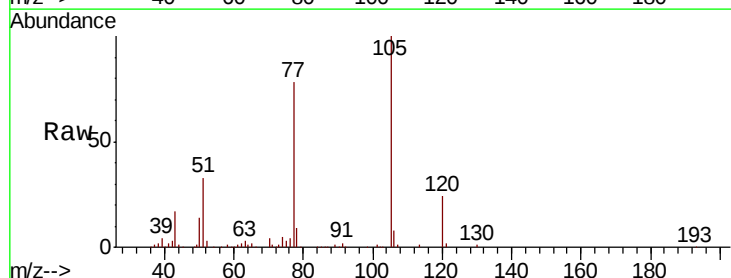


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

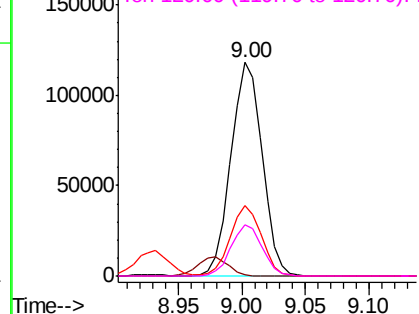
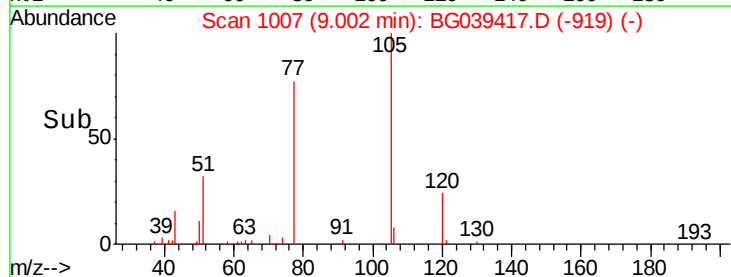


#22
Acetophenone
Concen: 37.005 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:	105	Resp:	201141
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	32.9	30.2	45.2
120	24.2	18.0	27.0



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

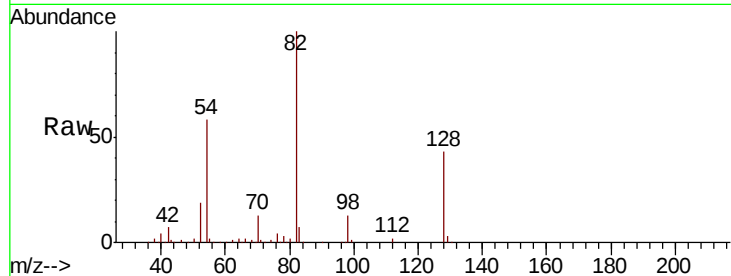




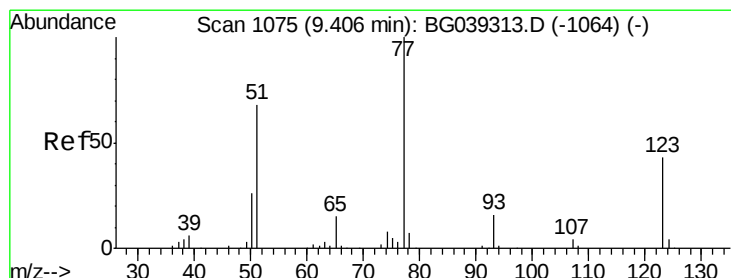
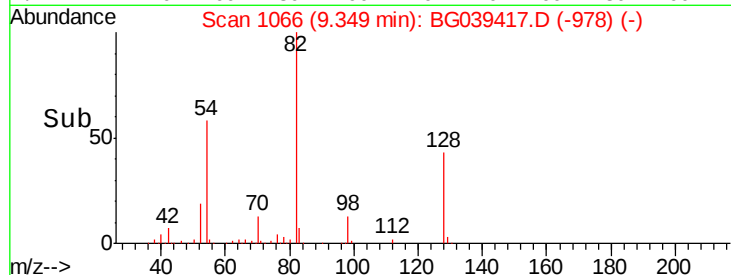
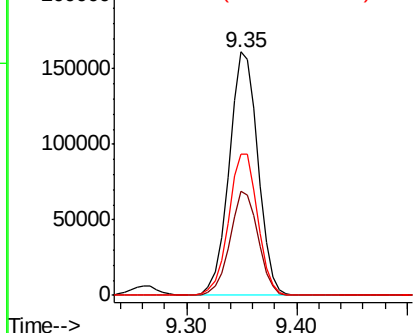
#23
Nitrobenzene-d5
Concen: 91.047 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion: 82 Resp: 294910
Ion Ratio Lower Upper
82 100
128 42.6 31.3 46.9
54 58.2 50.9 76.3

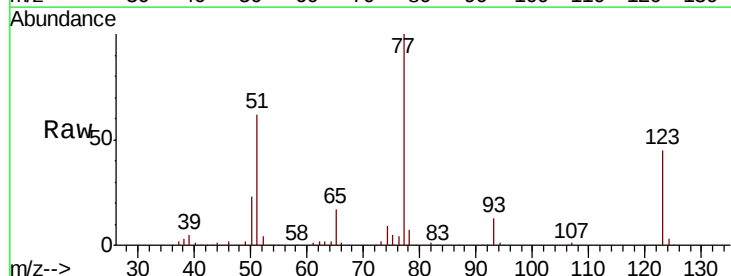


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

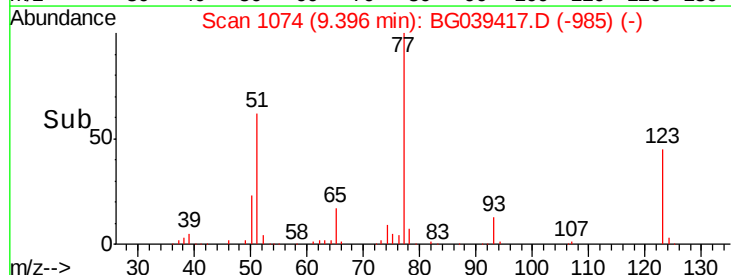
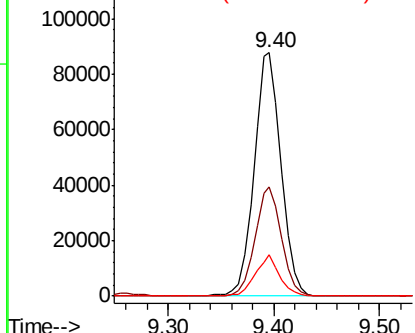


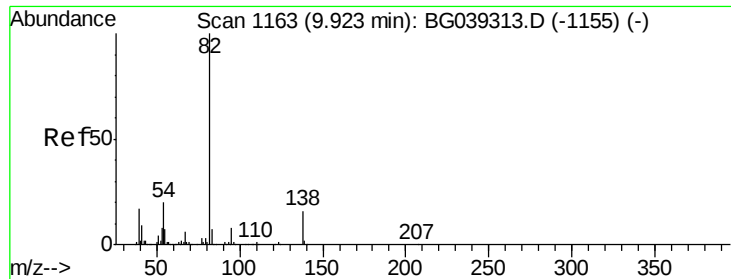
#24
Nitrobenzene
Concen: 44.384 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion: 77 Resp: 155314
Ion Ratio Lower Upper
77 100
123 44.8 34.1 51.1
65 16.9 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

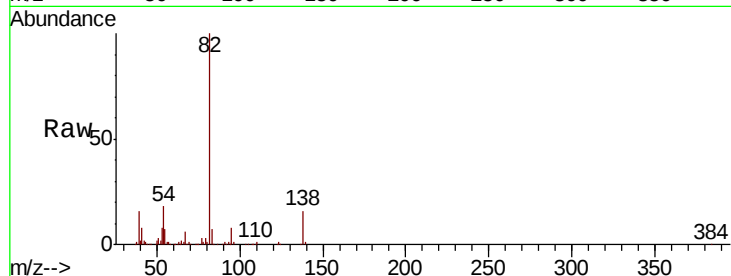




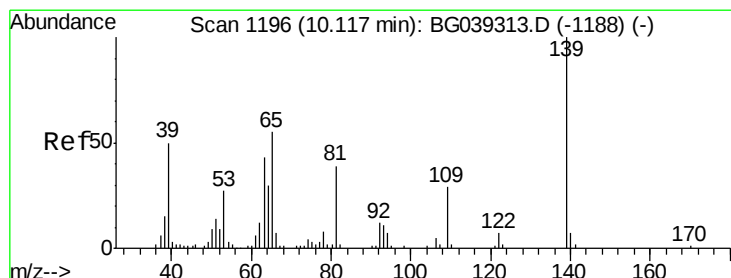
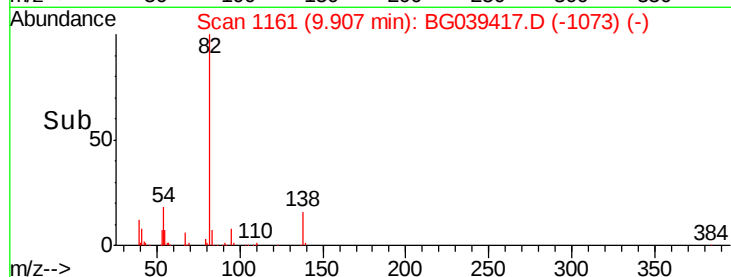
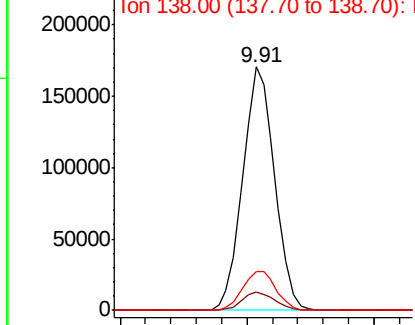
#25
Isophorone
Concen: 41.325 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion: 82 Resp: 296626
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 15.9 13.0 19.4

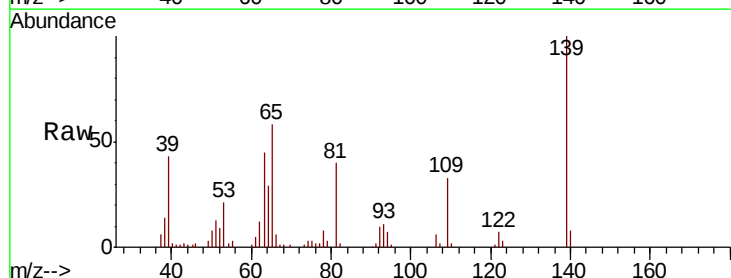


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

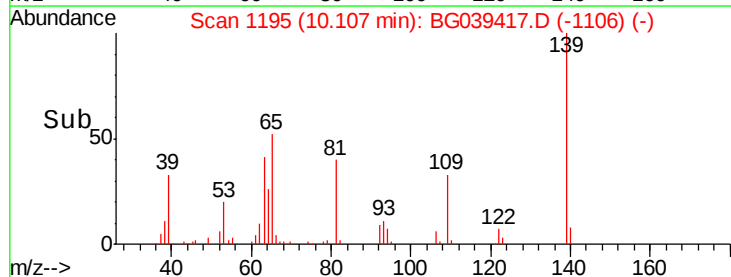
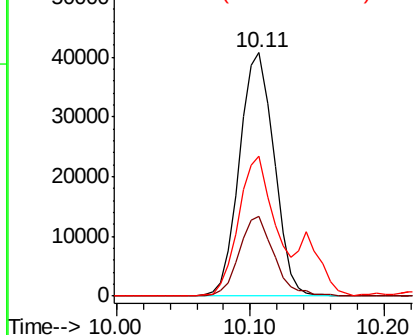


#26
2-Nitrophenol
Concen: 52.046 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion: 139 Resp: 73272
Ion Ratio Lower Upper
139 100
109 32.8 23.4 35.0
65 57.5 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

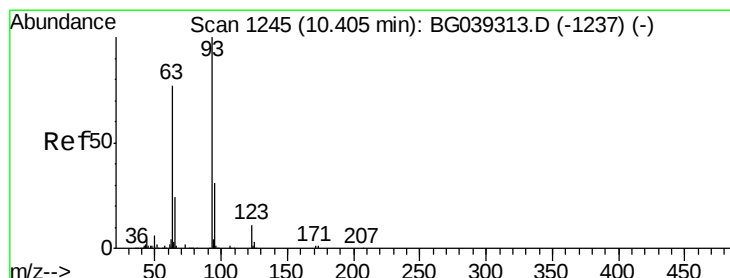
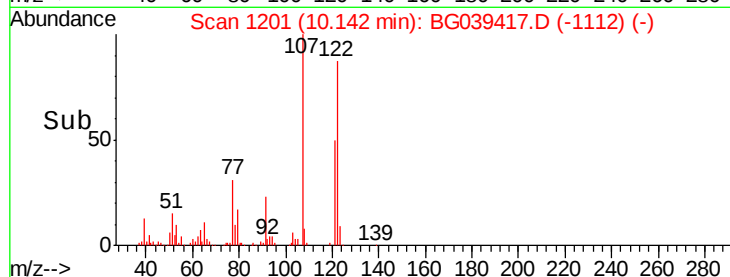
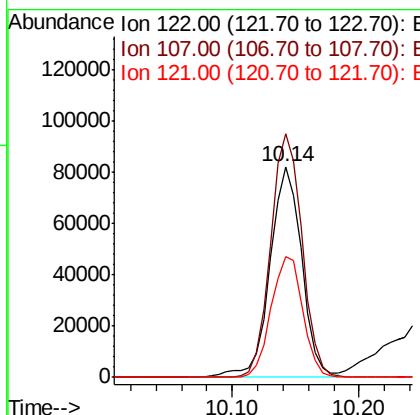
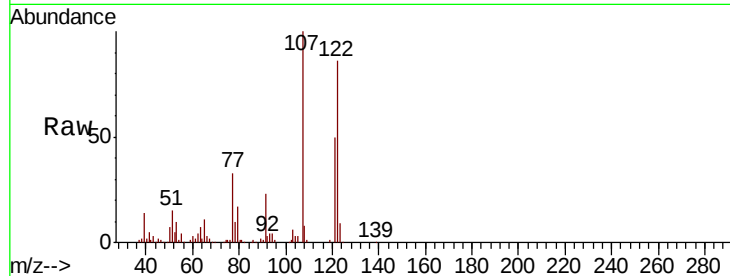




#27
2,4-Dimethylphenol
Concen: 49.199 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

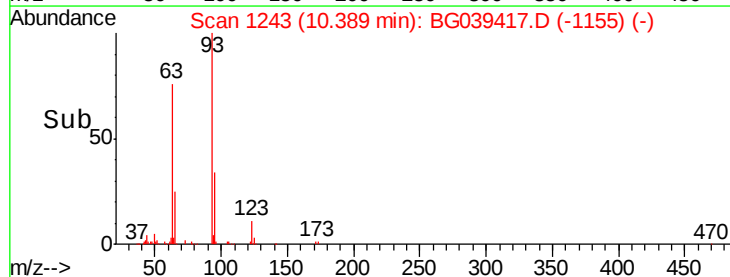
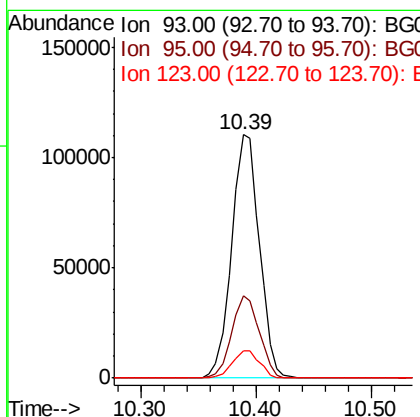
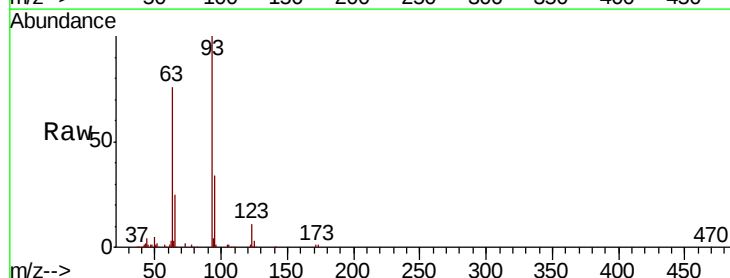
Instrument :
BNA_G
ClientSampleId :
PB116935BS

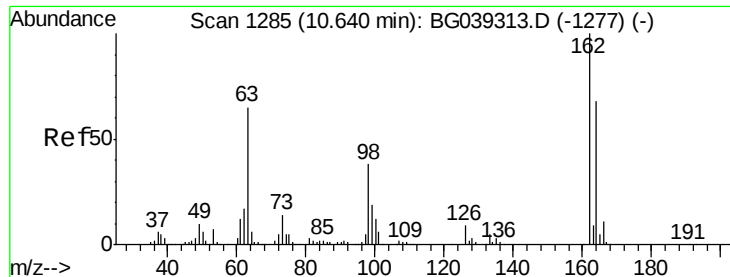
Tgt Ion:122 Resp: 142854
Ion Ratio Lower Upper
122 100
107 115.7 91.7 137.5
121 57.6 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.452 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion: 93 Resp: 183267
Ion Ratio Lower Upper
93 100
95 33.8 25.0 37.4
123 11.1 8.6 12.8

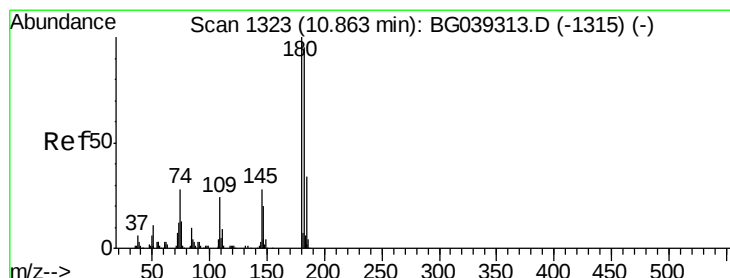
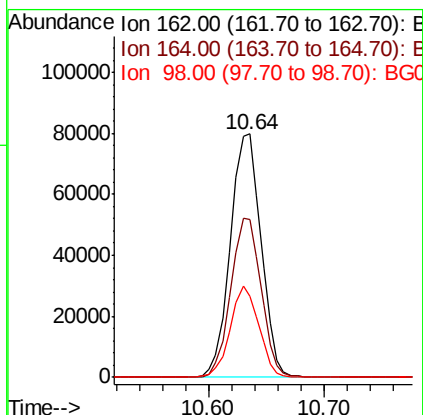
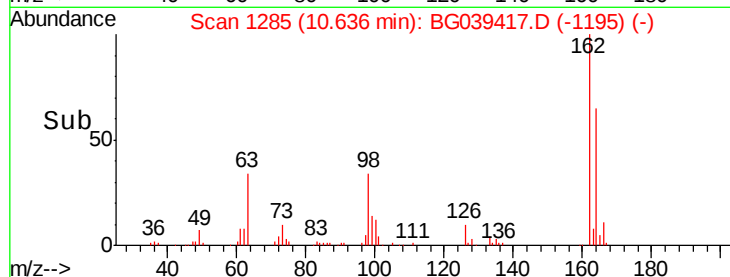
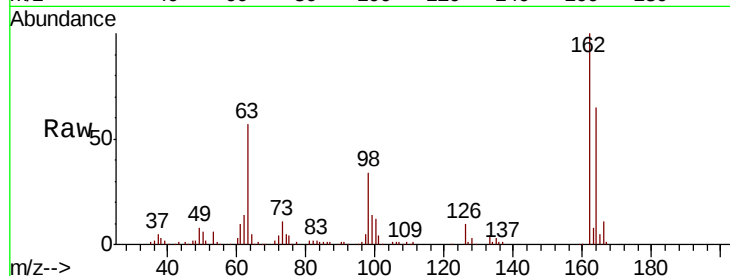




#29
2,4-Dichlorophenol
Concen: 46.509 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

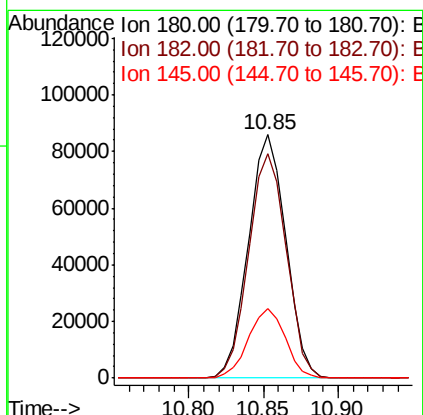
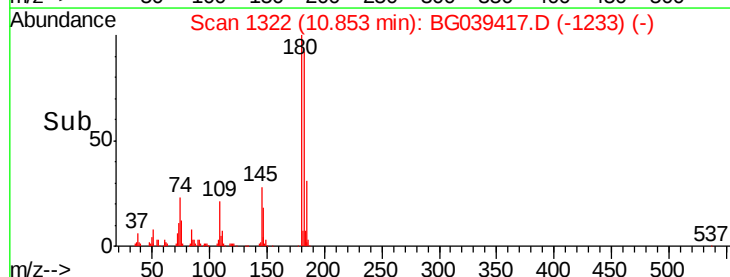
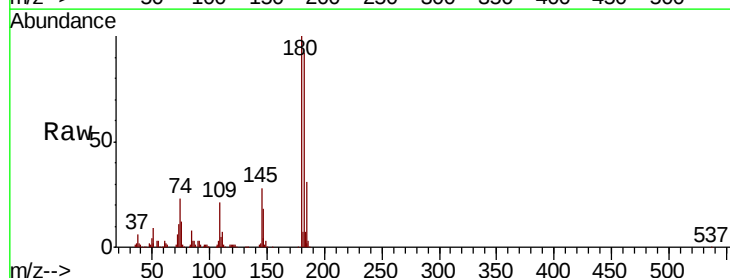
Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.1	88.1
98	33.5	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.788 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.0	114.0
145	28.3	22.7	34.1

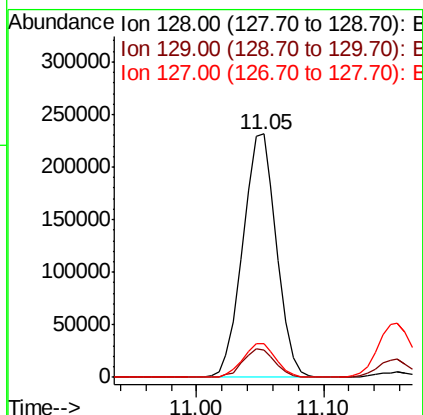
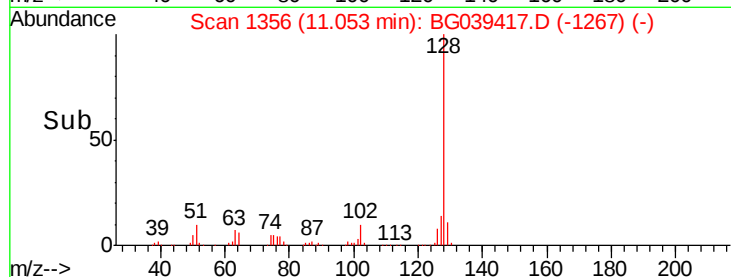
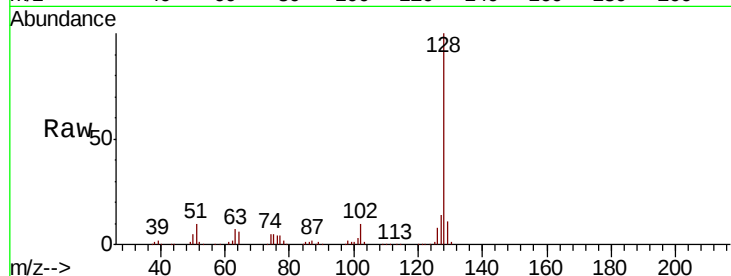




#31
Naphthalene
Concen: 42.304 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

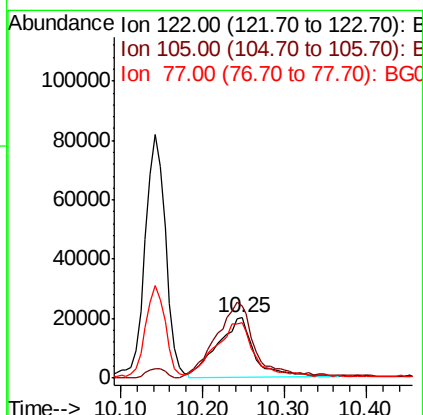
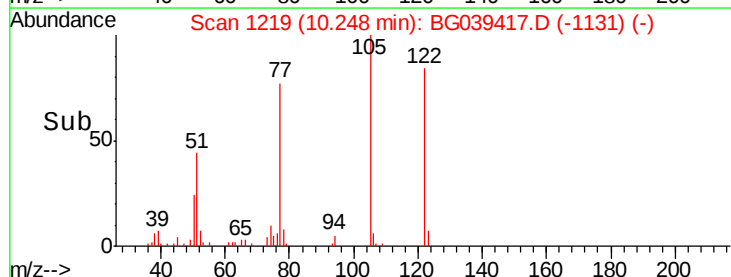
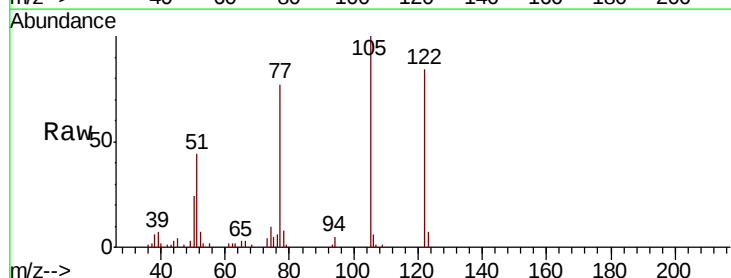
Instrument :
BNA_G
ClientSampleId :
PB116935BS

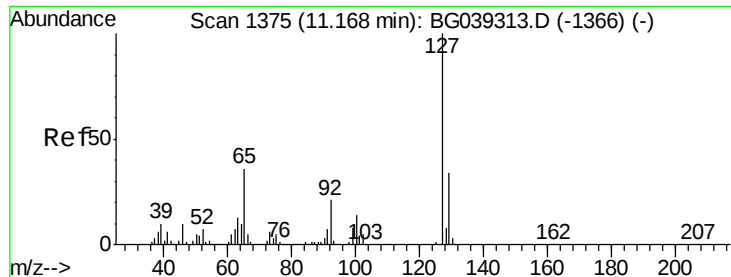
Tgt Ion:128 Resp: 424672
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 35.418 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:122 Resp: 61806
Ion Ratio Lower Upper
122 100
105 119.4 101.8 141.8
77 91.9 76.3 116.3

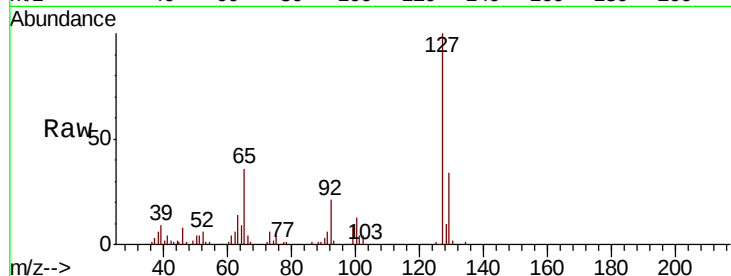




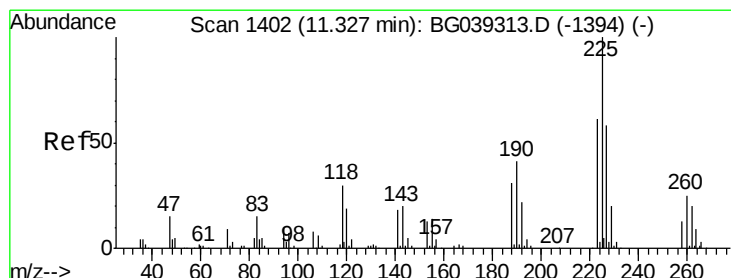
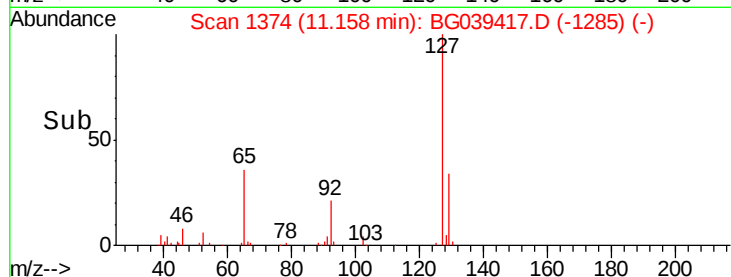
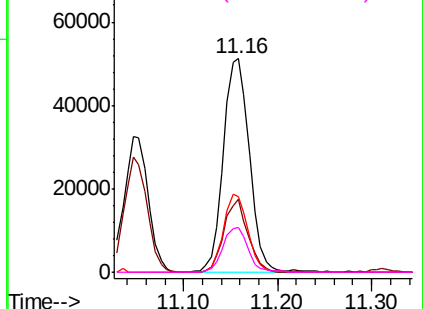
#33
4-Chloroaniline
Concen: 21.205 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion:	127	Resp:	98698
Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.0	40.4
65	35.6	28.8	43.2
92	21.0	16.6	25.0

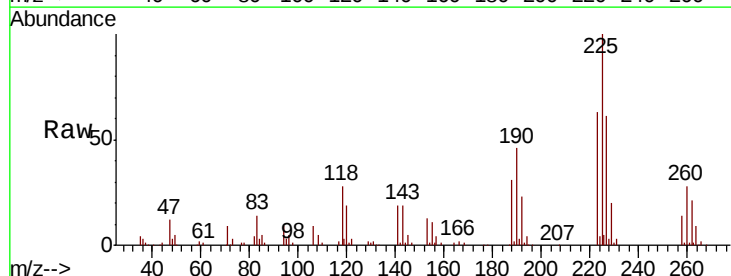


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

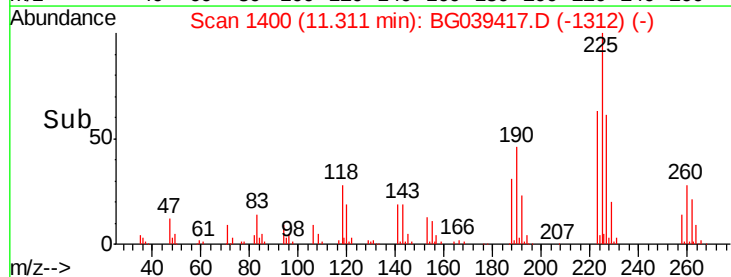
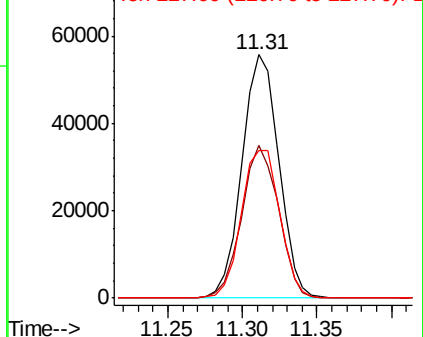


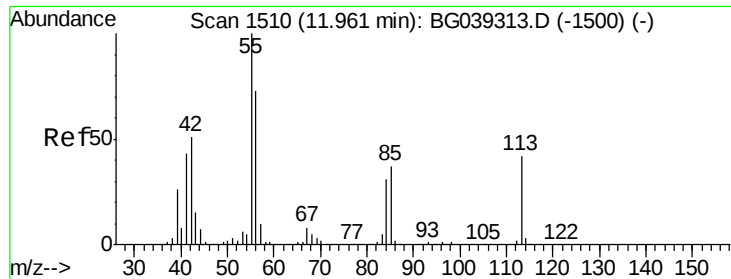
#34
Hexachlorobutadiene
Concen: 40.148 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:	225	Resp:	95127
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.0	73.6
227	60.6	46.3	69.5



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





#35

Caprolactam

Concen: 27.871 ng

RT: 11.93 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

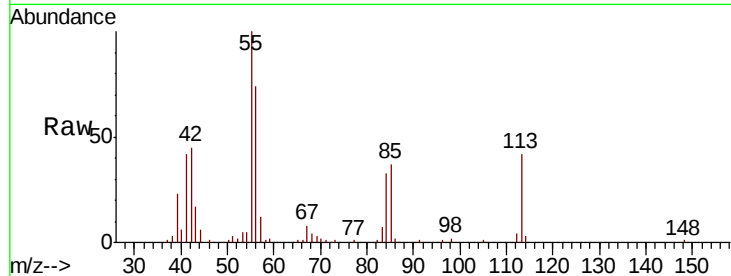
Tgt Ion:113 Resp: 36600

Ion Ratio Lower Upper

113 100

55 236.8 216.9 256.9

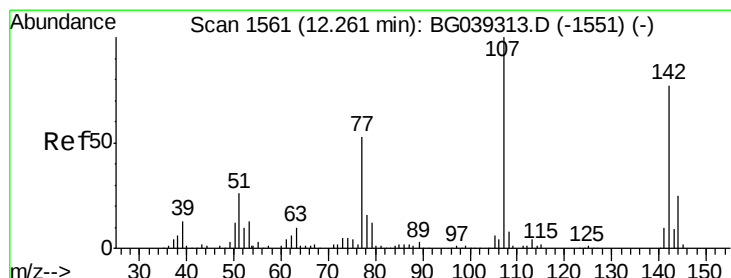
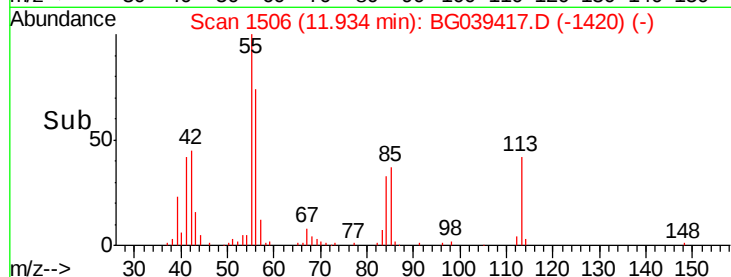
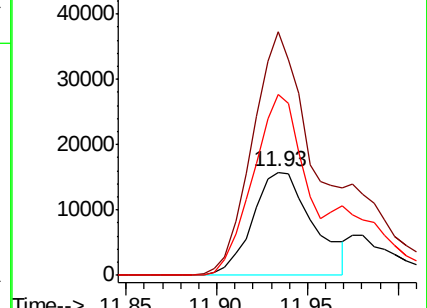
56 176.0 152.6 192.6



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: 42.331 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

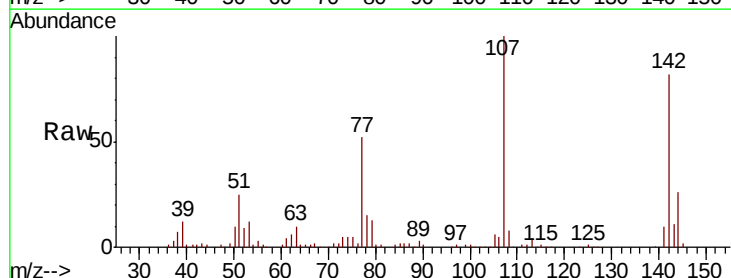
Tgt Ion:107 Resp: 155357

Ion Ratio Lower Upper

107 100

144 26.5 20.2 30.2

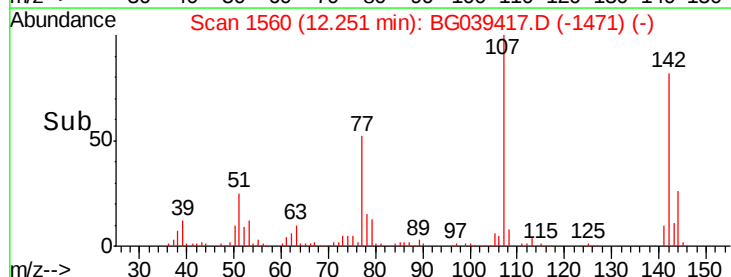
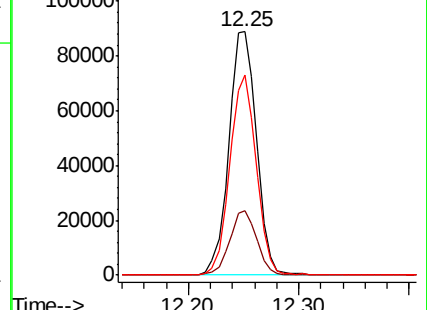
142 82.2 61.4 92.2

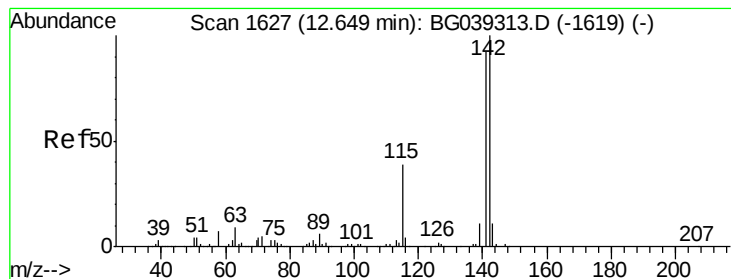


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.652 ng

RT: 12.64 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

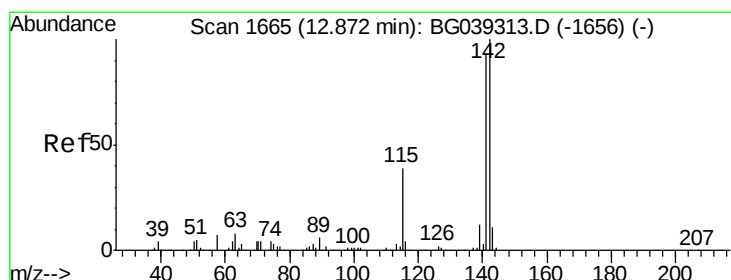
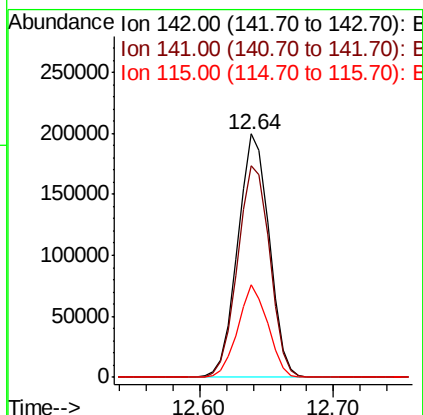
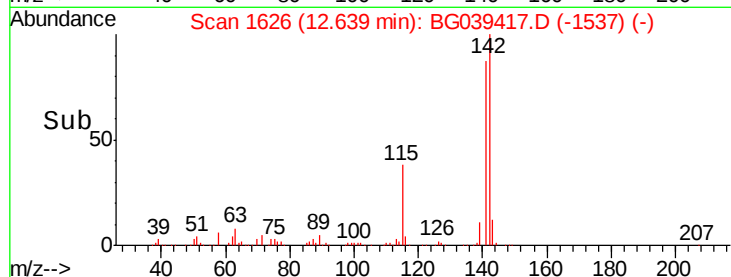
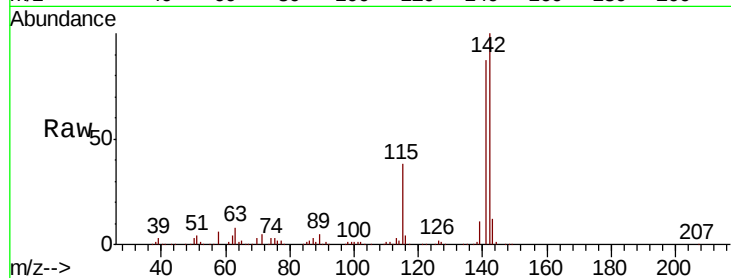
Tgt Ion:142 Resp: 324561

Ion Ratio Lower Upper

142 100

141 86.8 73.5 110.3

115 37.8 30.8 46.2



#38

1-Methylnaphthalene

Concen: 42.351 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

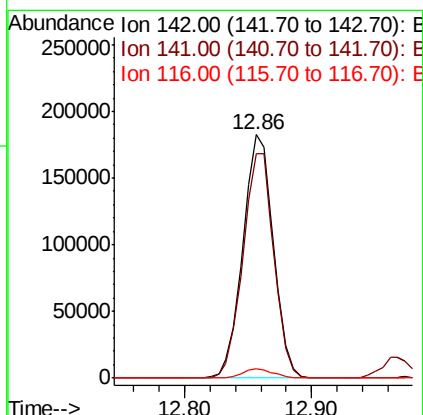
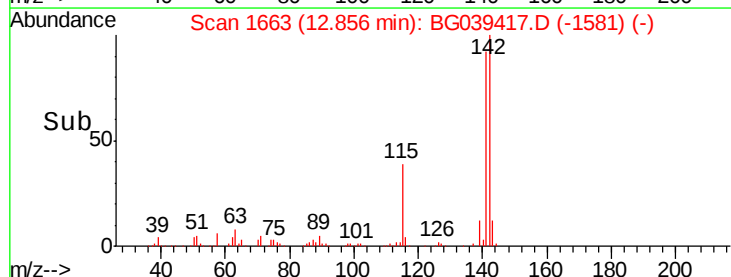
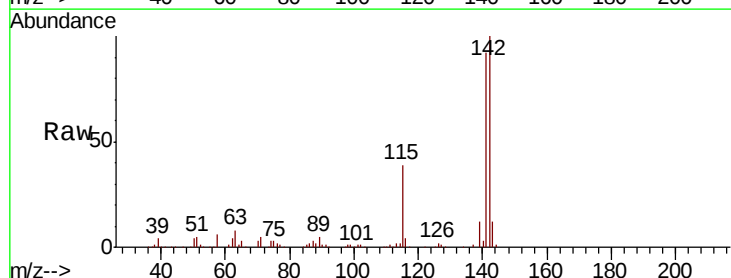
Tgt Ion:142 Resp: 303535

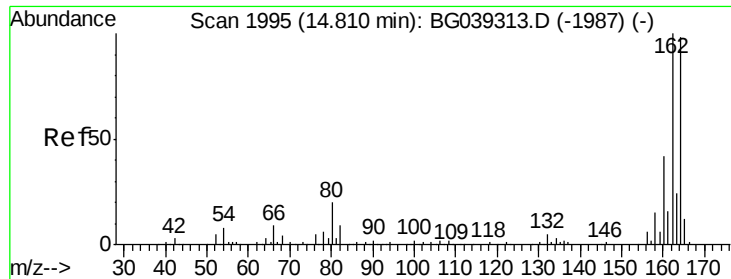
Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4

116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

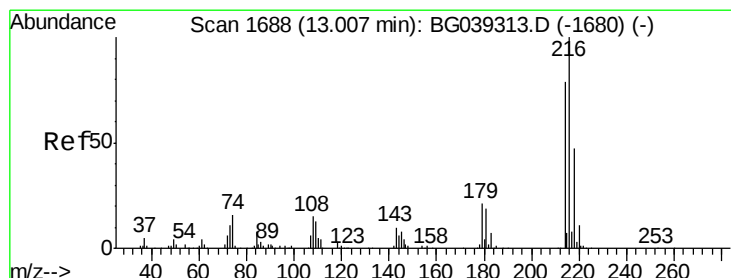
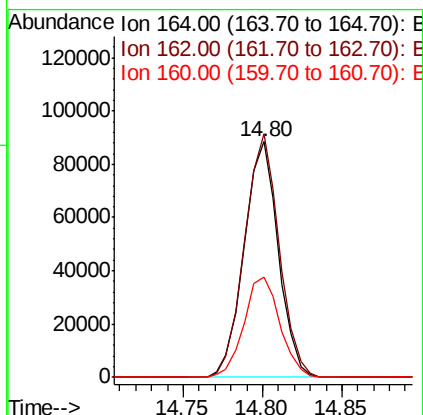
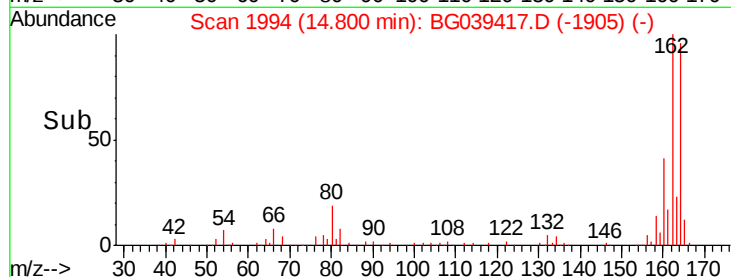
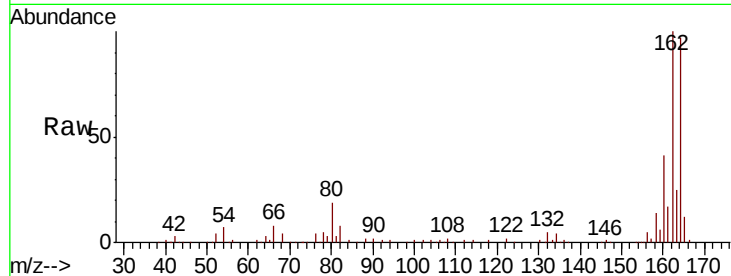
Tgt Ion:164 Resp: 132677

Ion Ratio Lower Upper

164 100

162 103.3 81.6 122.4

160 42.3 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.230 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:216 Resp: 174048

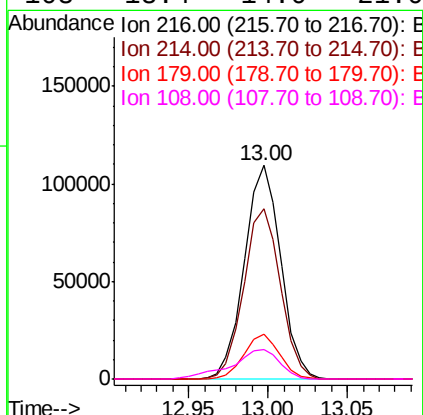
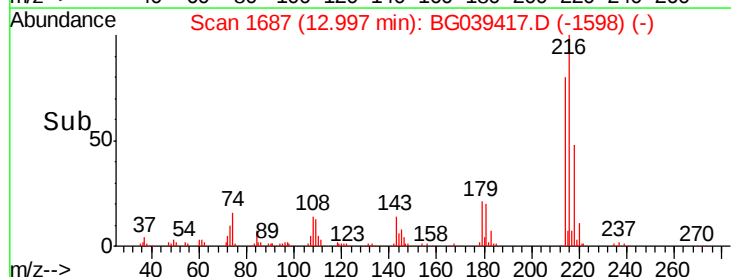
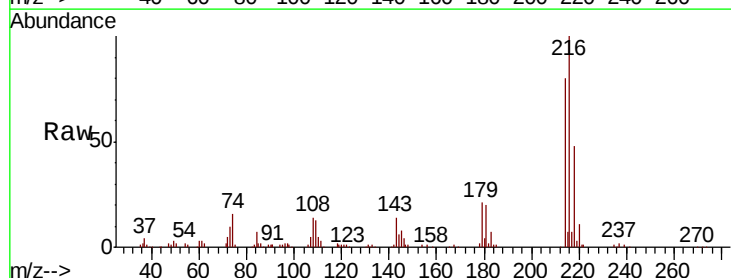
Ion Ratio Lower Upper

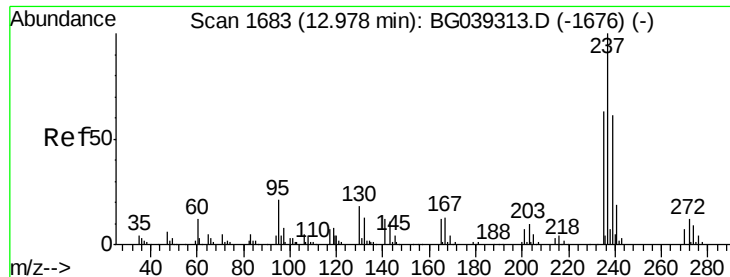
216 100

214 80.5 62.6 94.0

179 20.6 16.6 25.0

108 18.4 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 100.085 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

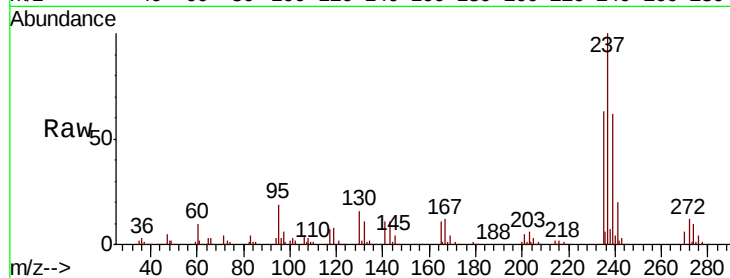
Tgt Ion: 237 Resp: 230225

Ion Ratio Lower Upper

237 100

235 63.4 43.3 83.3

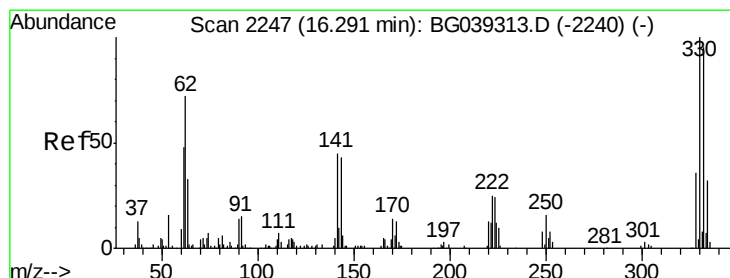
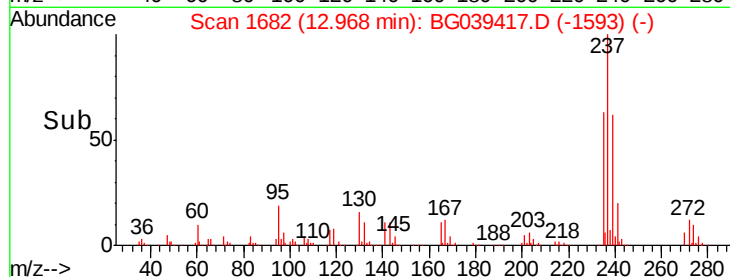
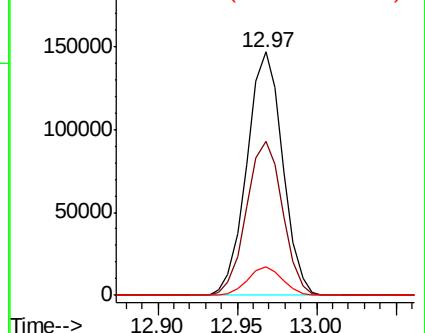
272 11.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 164.997 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

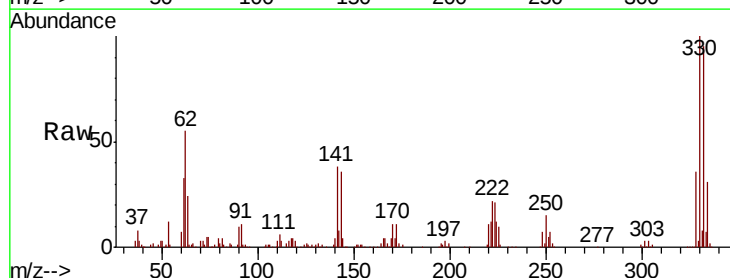
Tgt Ion: 330 Resp: 235732

Ion Ratio Lower Upper

330 100

332 94.0 75.7 113.5

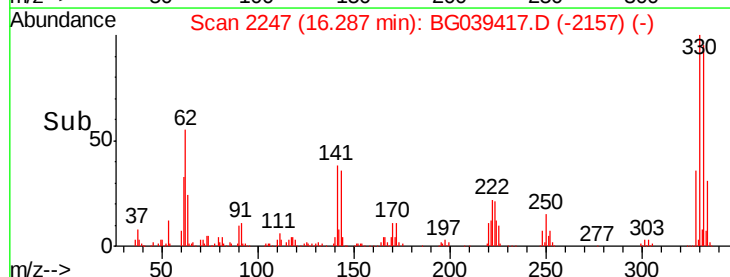
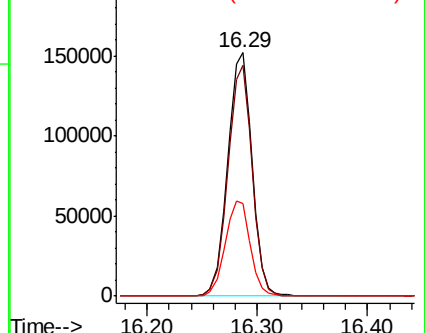
141 39.9 35.6 53.4



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

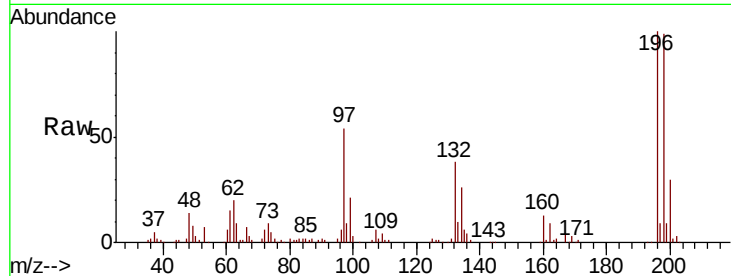




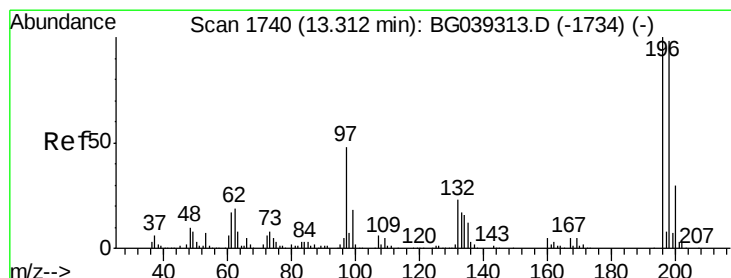
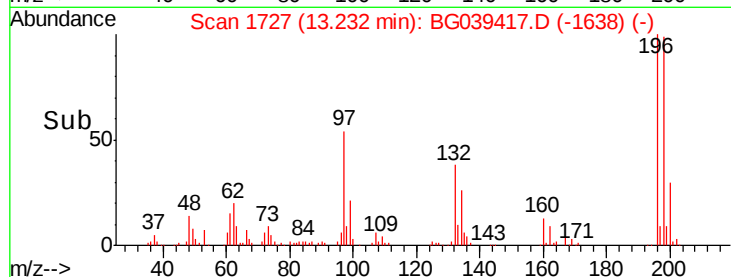
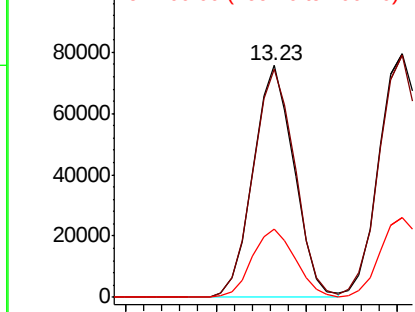
#43
 2,4,6-Trichlorophenol
 Concen: 45.646 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Instrument :
 BNA_G
 ClientSampleID :
 PB116935BS

Tgt Ion:196 Resp: 118476
 Ion Ratio Lower Upper
 196 100
 198 98.8 80.6 121.0
 200 29.6 26.1 39.1

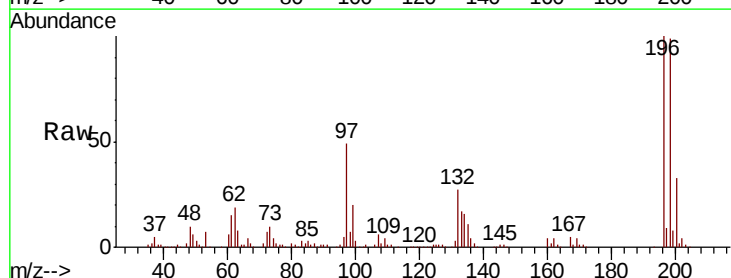


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

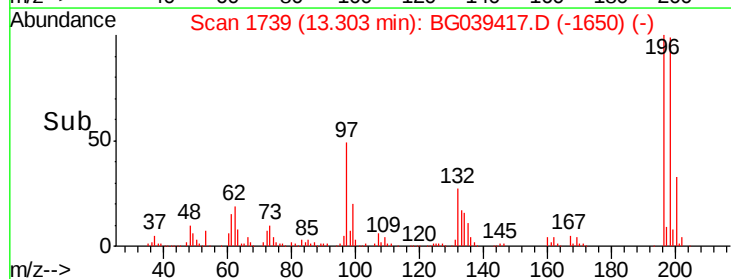
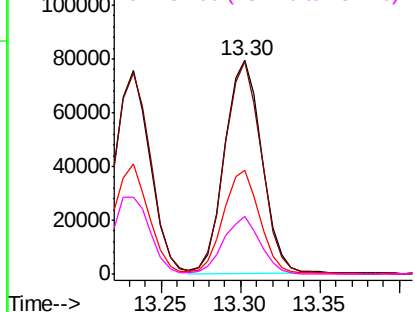


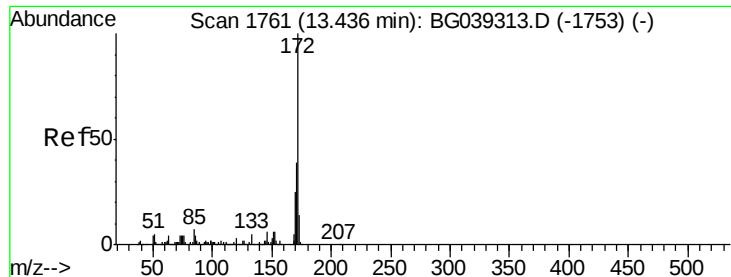
#44
 2,4,5-Trichlorophenol
 Concen: 47.235 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion:196 Resp: 128494
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.5 117.7
 97 48.8 38.4 57.6
 132 26.8 19.2 28.8



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





#45

2-Fluorobiphenyl

Concen: 78.523 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

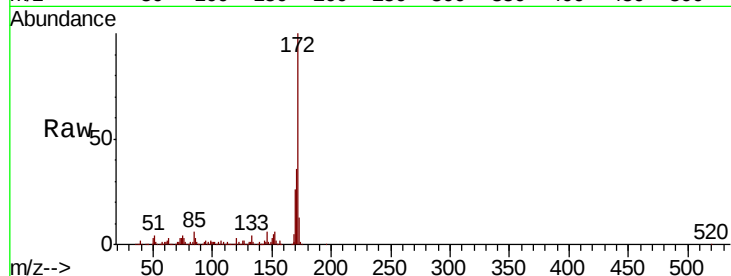
Tgt Ion:172 Resp: 726232

Ion Ratio Lower Upper

172 100

171 36.4 30.8 46.2

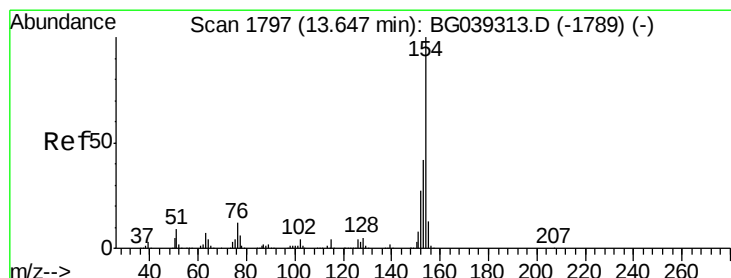
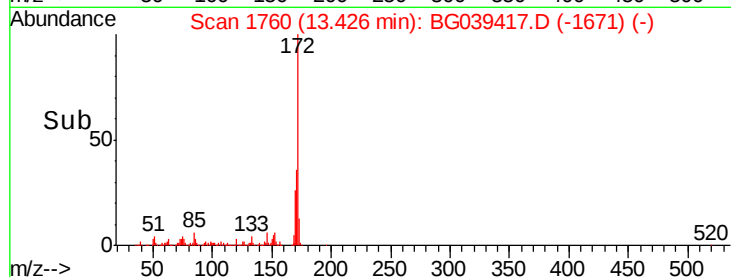
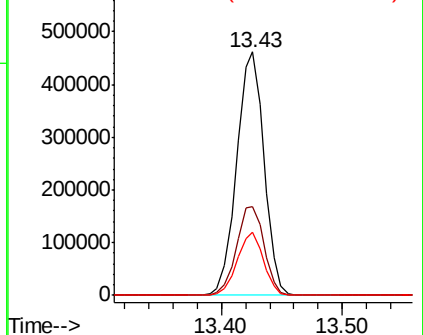
170 25.9 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.091 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

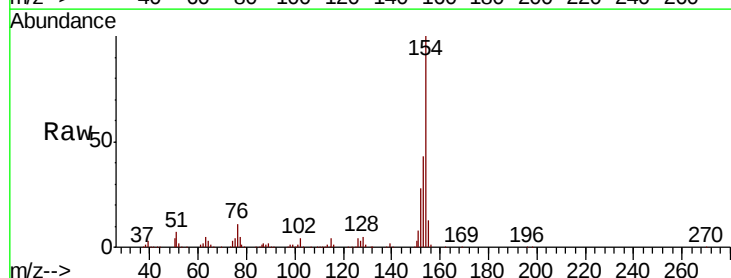
Tgt Ion:154 Resp: 431533

Ion Ratio Lower Upper

154 100

153 42.7 22.1 62.1

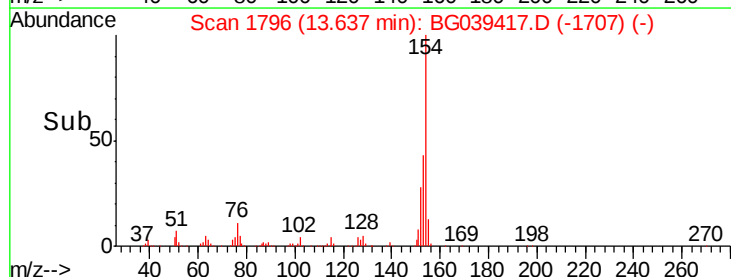
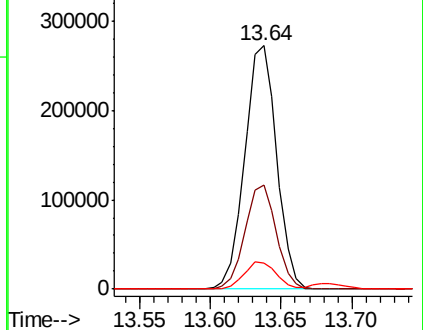
76 11.0 0.0 32.4

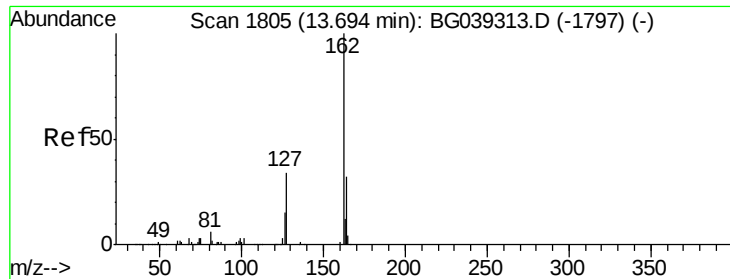


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

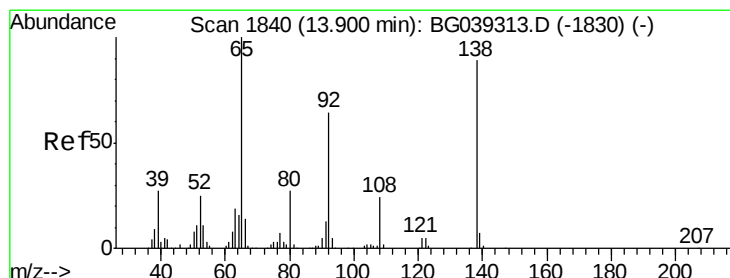
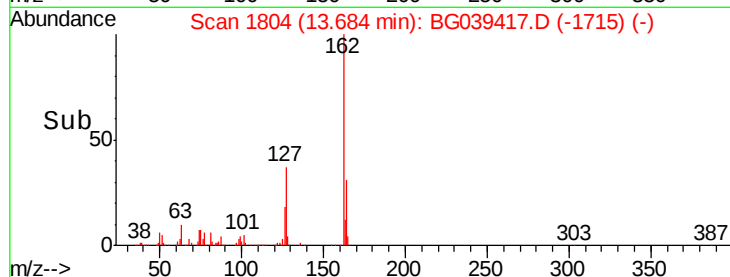
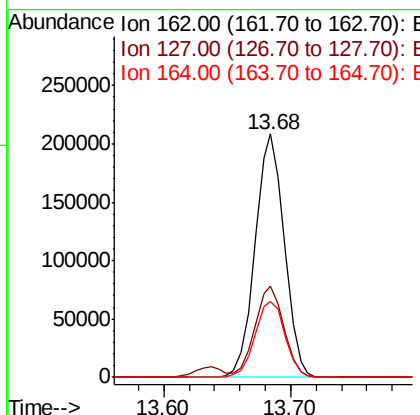
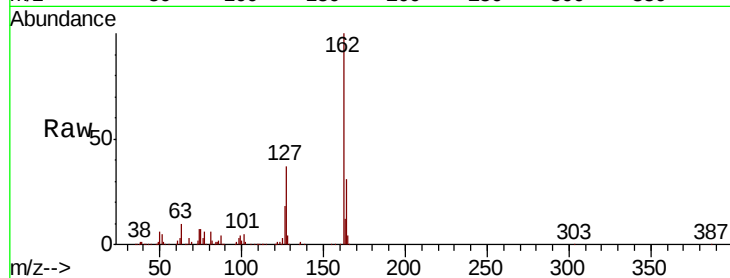




#47
 2-Chloronaphthalene
 Concen: 40.084 ng
 RT: 13.68 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

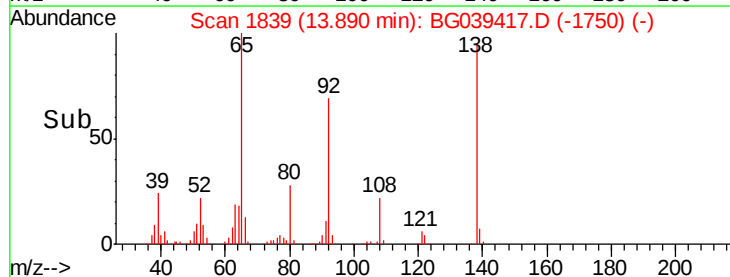
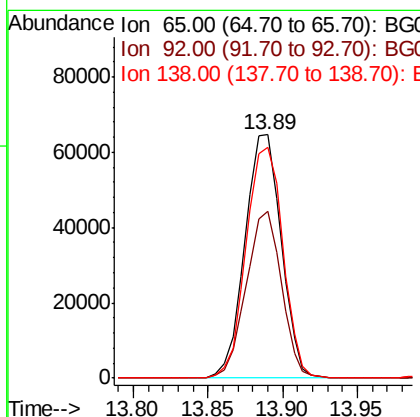
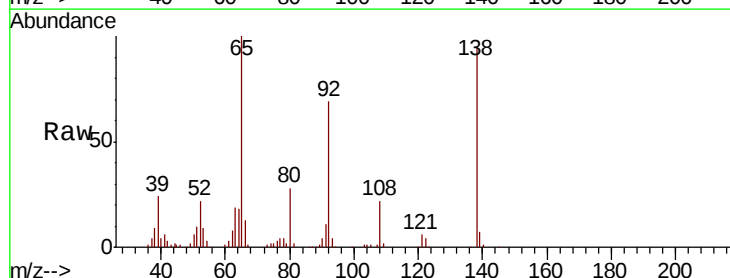
Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

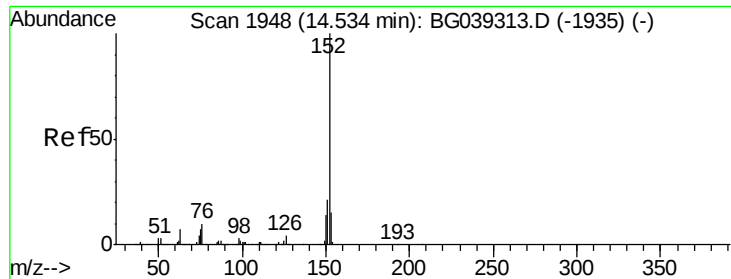
Tgt Ion: 162 Resp: 332872
 Ion Ratio Lower Upper
 162 100
 127 37.3 31.0 46.6
 164 31.4 25.7 38.5



#48
 2-Nitroaniline
 Concen: 45.939 ng
 RT: 13.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion: 65 Resp: 108564
 Ion Ratio Lower Upper
 65 100
 92 68.8 51.4 77.2
 138 94.8 71.4 107.2





#49

Acenaphthylene

Concen: 42.683 ng

RT: 14.52 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

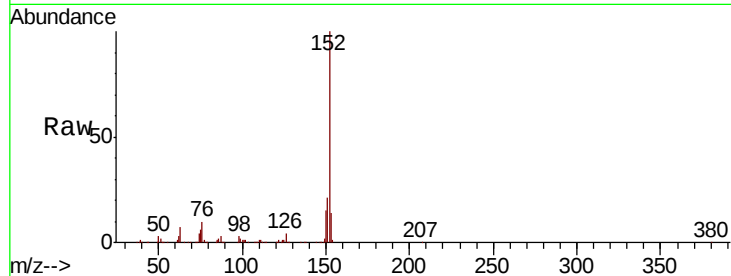
Tgt Ion:152 Resp: 534849

Ion Ratio Lower Upper

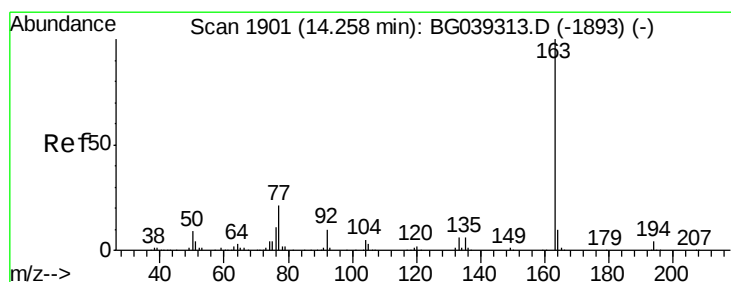
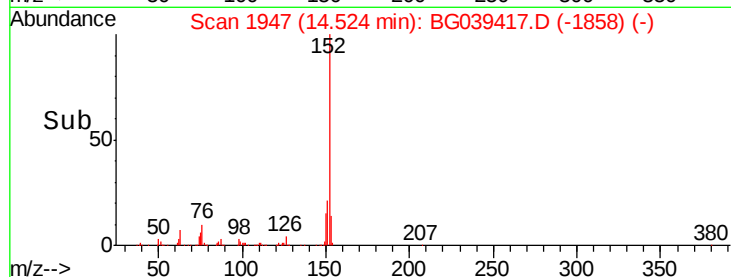
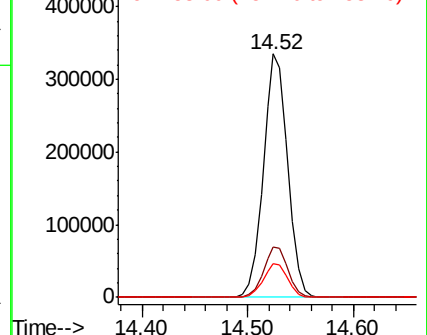
152 100

151 20.9 16.8 25.2

153 13.8 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: 39.887 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

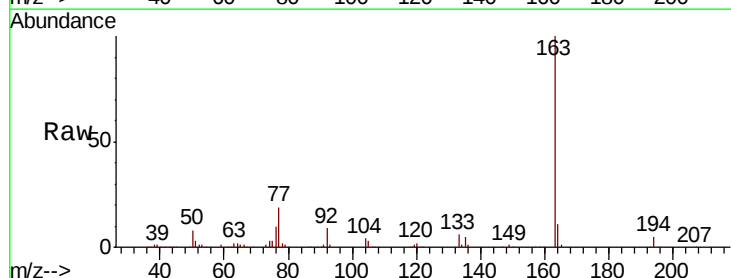
Tgt Ion:163 Resp: 427412

Ion Ratio Lower Upper

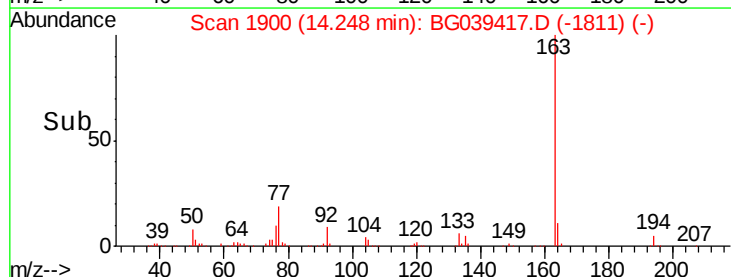
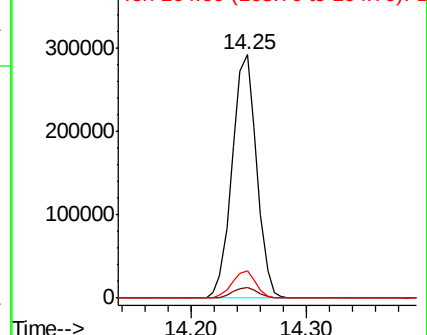
163 100

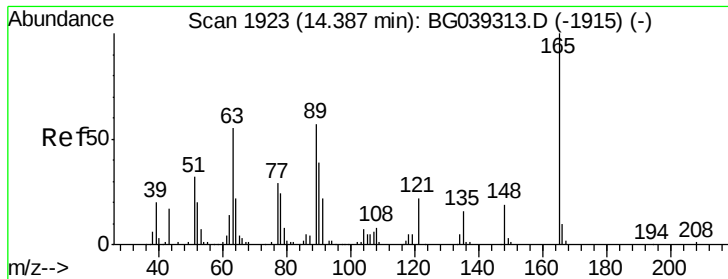
194 4.5 3.6 5.4

164 11.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

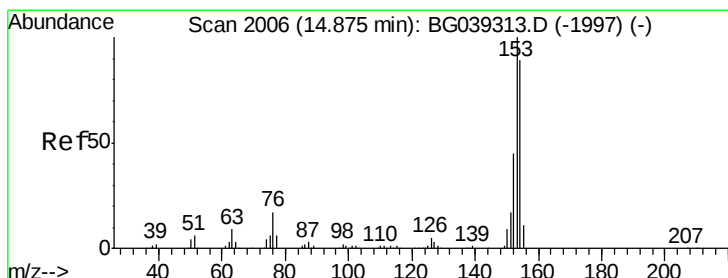
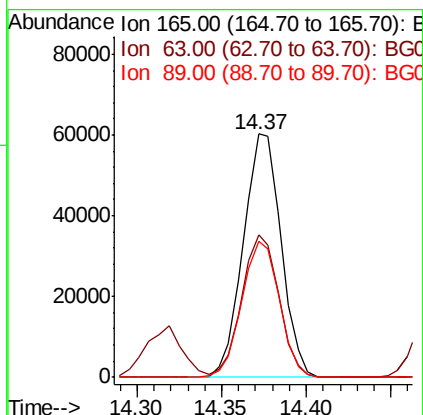
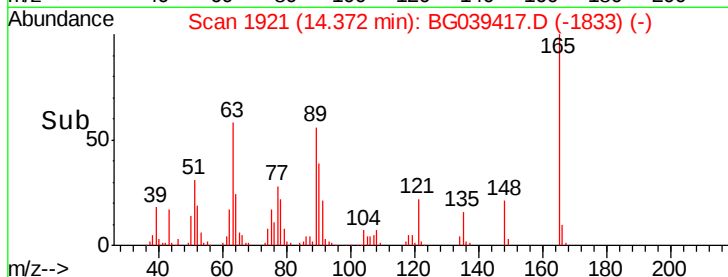
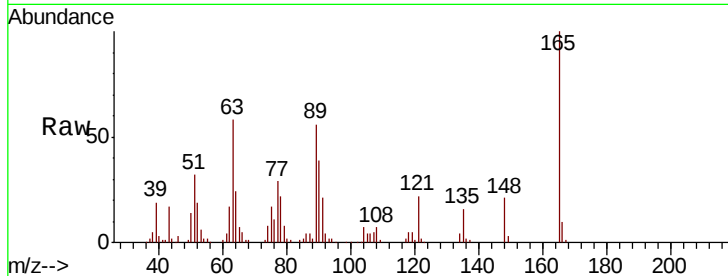




#51
 2,6-Dinitrotoluene
 Concen: 46.948 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.02 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

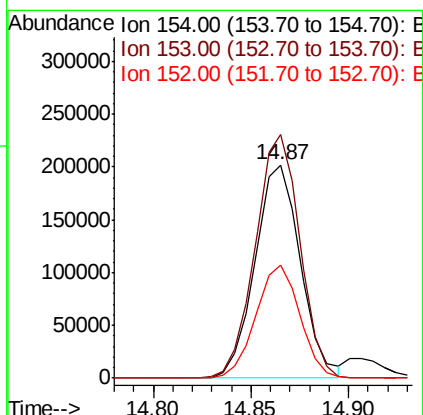
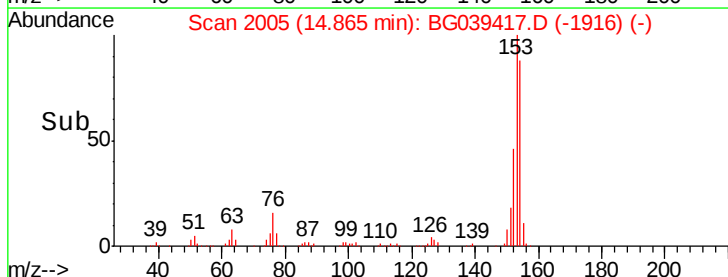
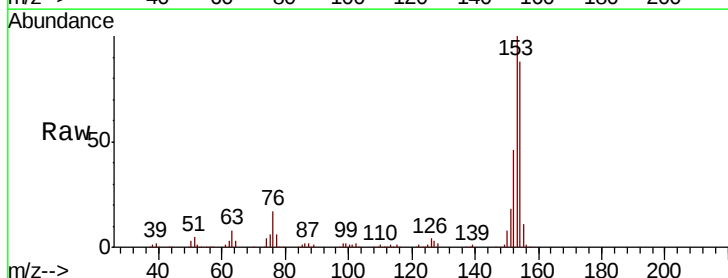
Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

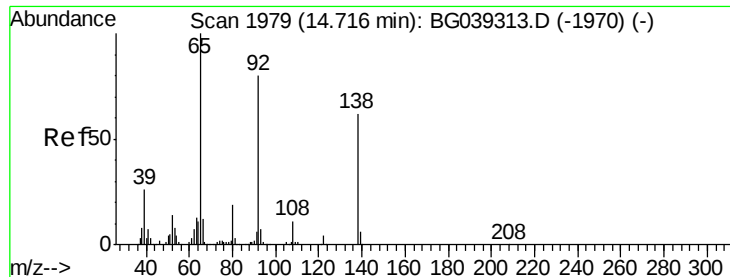
Tgt Ion:165 Resp: 93689
 Ion Ratio Lower Upper
 165 100
 63 58.4 47.0 70.6
 89 55.7 45.8 68.8



#52
 Acenaphthene
 Concen: 40.052 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion:154 Resp: 325782
 Ion Ratio Lower Upper
 154 100
 153 114.1 90.1 135.1
 152 52.9 40.9 61.3

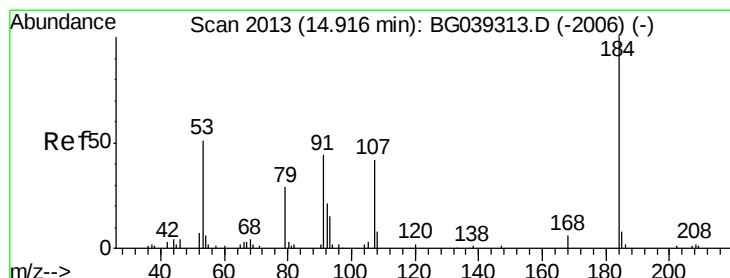
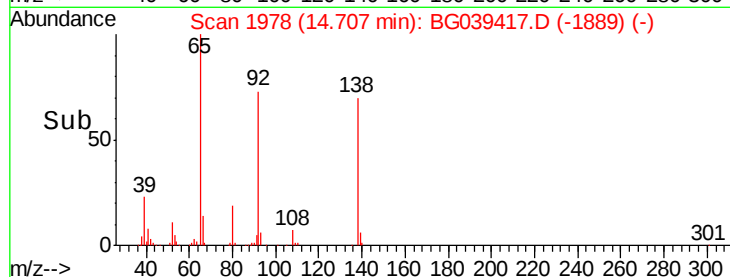
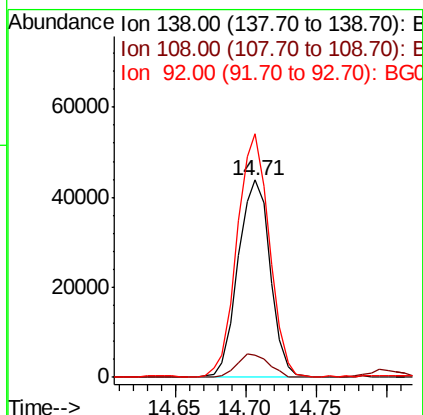
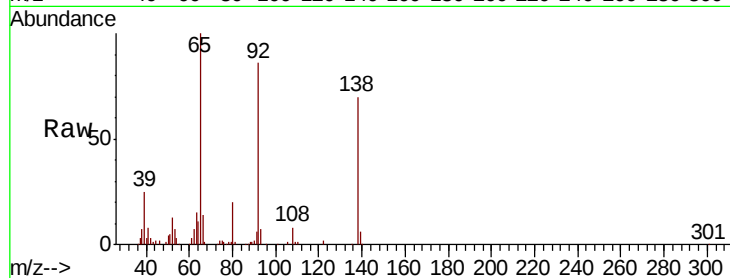




#53
3-Nitroaniline
Concen: 34.211 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

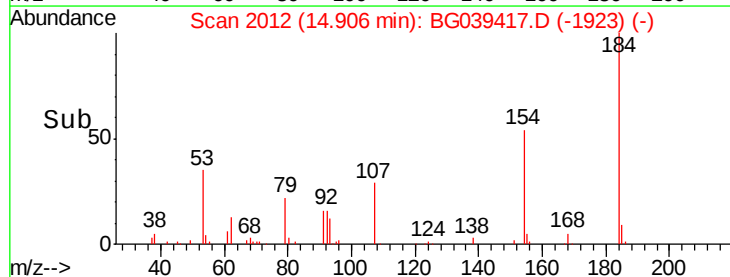
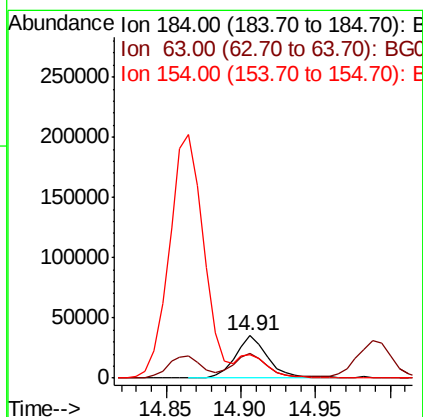
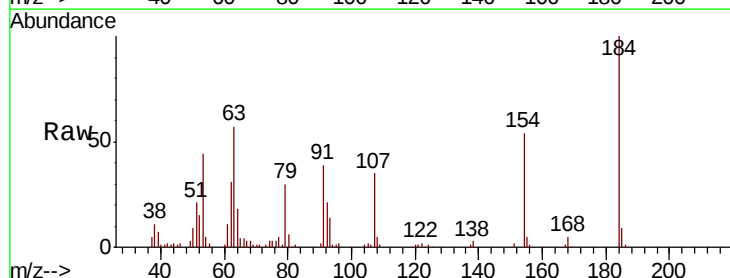
Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion:138 Resp: 69838
Ion Ratio Lower Upper
138 100
108 11.1 13.8 20.8#
92 123.6 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 66.231 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:184 Resp: 53683
Ion Ratio Lower Upper
184 100
63 57.4 50.9 76.3
154 54.2 53.0 79.6

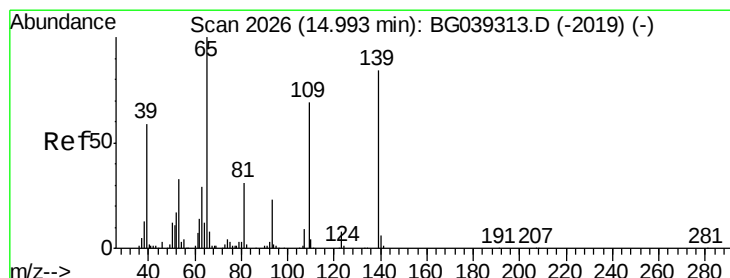
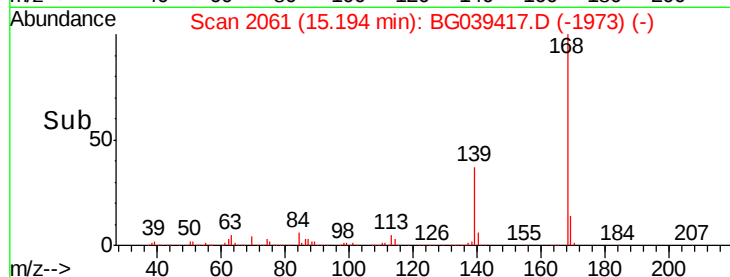
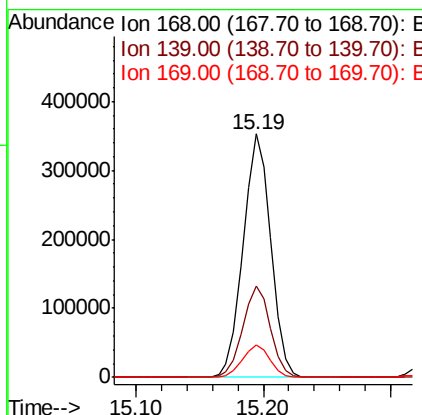
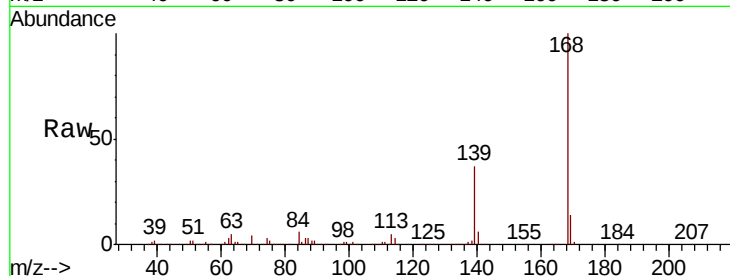




#55
Dibenzofuran
Concen: 40.757 ng
RT: 15.19 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

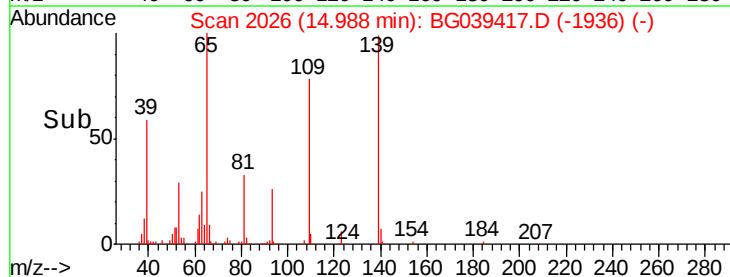
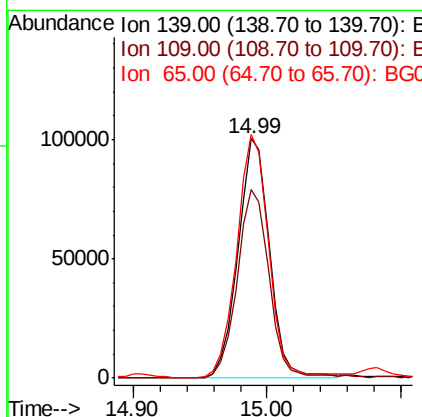
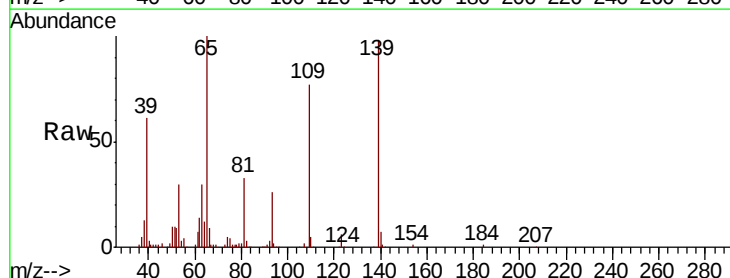
Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion:168 Resp: 531528
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 84.142 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:139 Resp: 163648
Ion Ratio Lower Upper
139 100
109 78.6 61.9 101.9
65 101.8 99.1 139.1

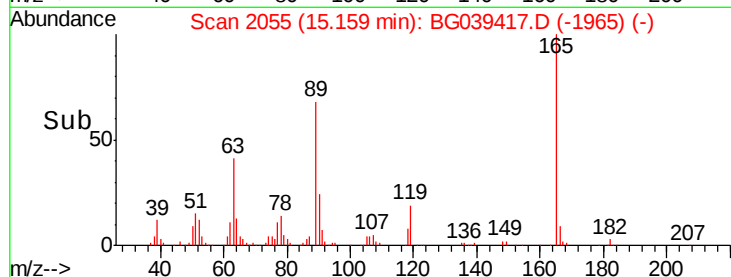
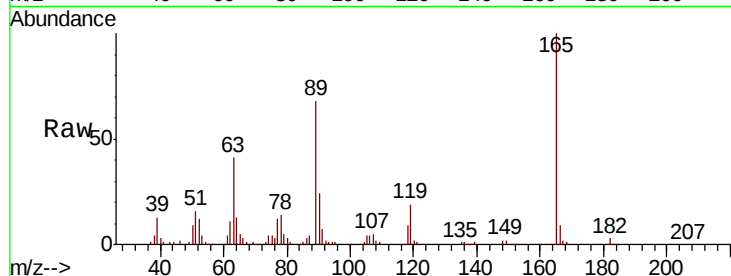




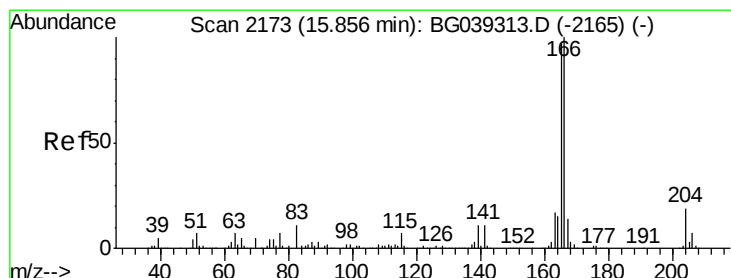
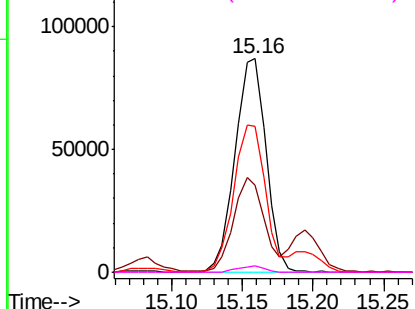
#57
2,4-Dinitrotoluene
Concen: 51.552 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.9	41.0	61.6#
89	68.2	64.6	96.8
182	2.8	2.0	3.0

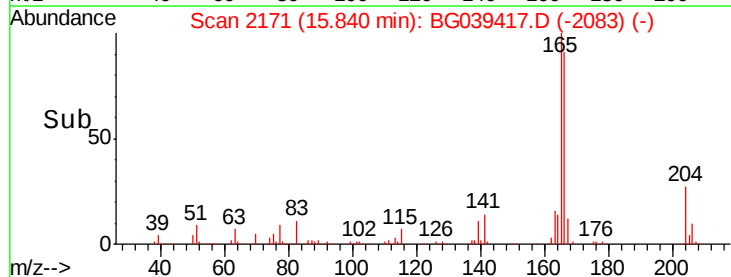
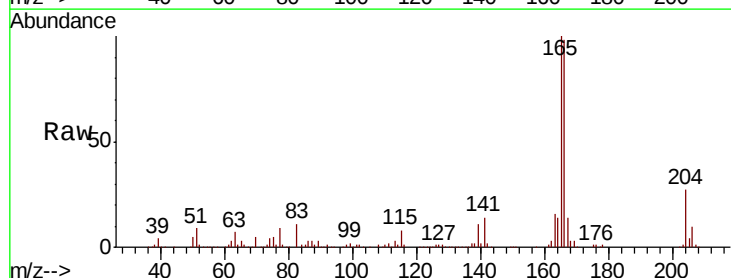


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

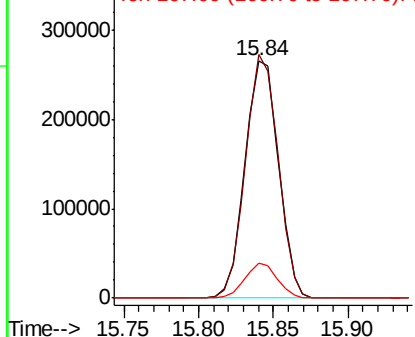


#58
Fluorene
Concen: 42.359 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.9	116.9
167	14.6	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

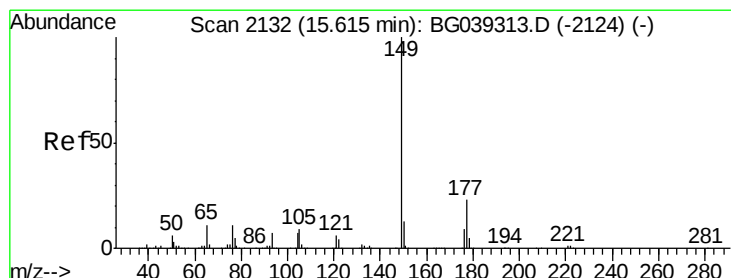
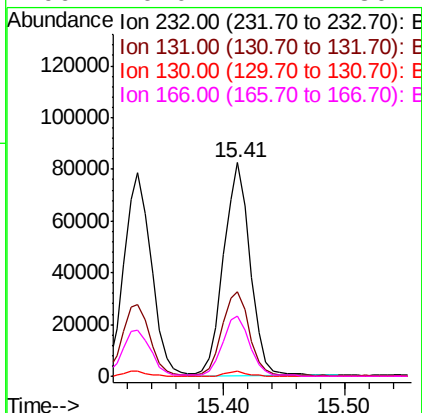
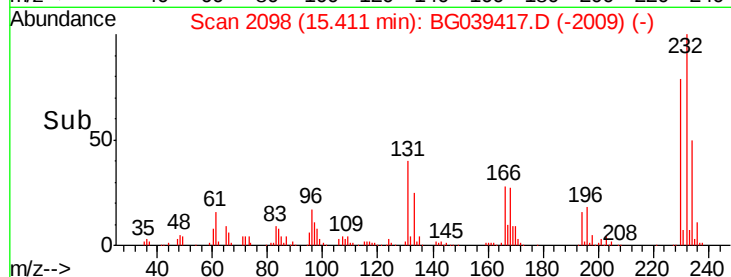
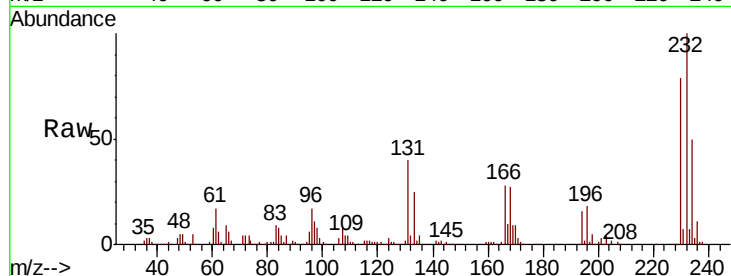




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.470 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

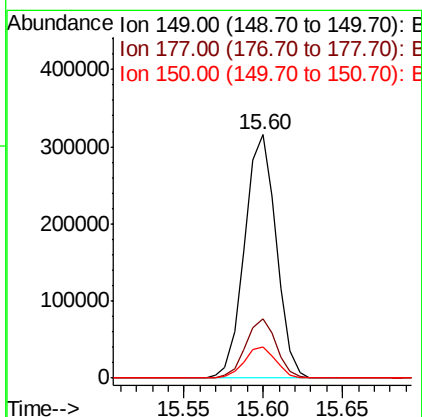
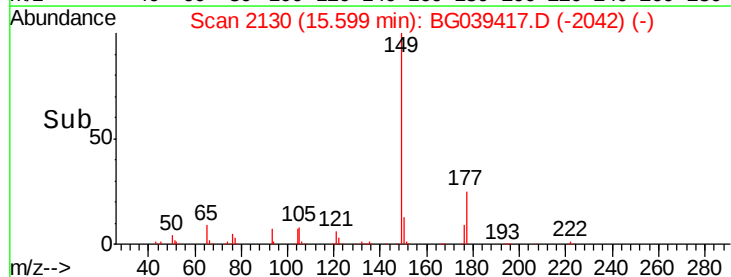
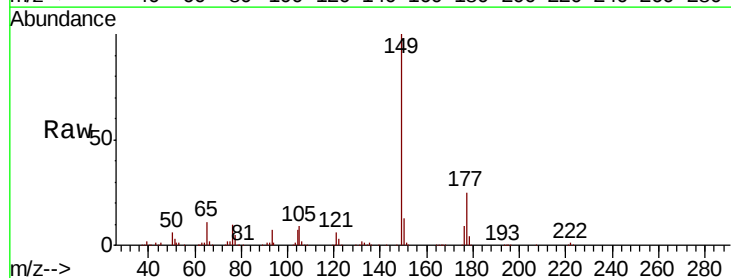
Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.9	52.3
130	1.9	2.0	3.0
166	29.0	24.1	36.1



#60
 Diethylphthalate
 Concen: 39.414 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	12.6	10.2	15.2

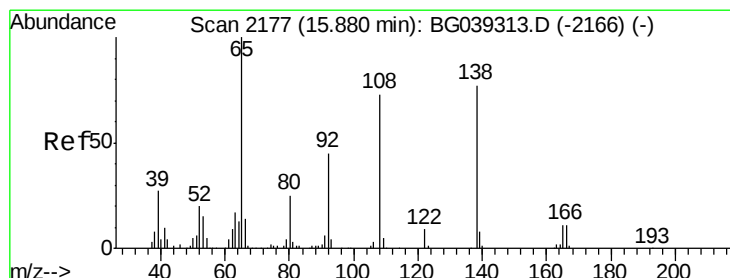
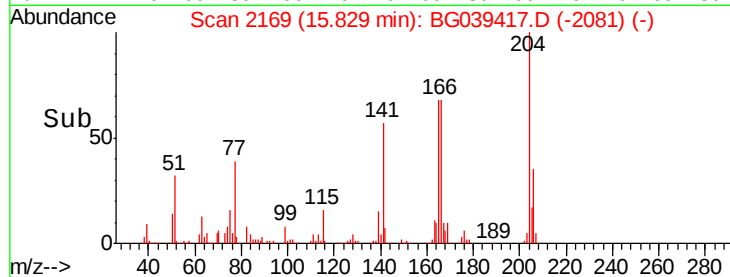
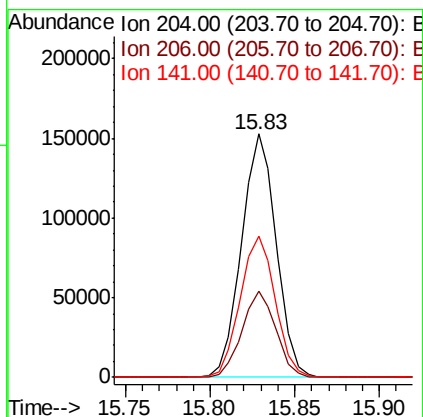
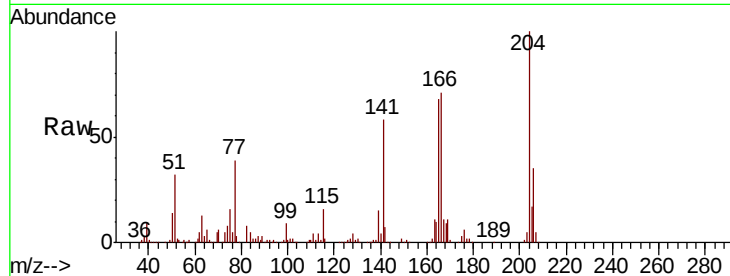




#61
 4-Chlorophenyl-phenylether
 Concen: 39.504 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

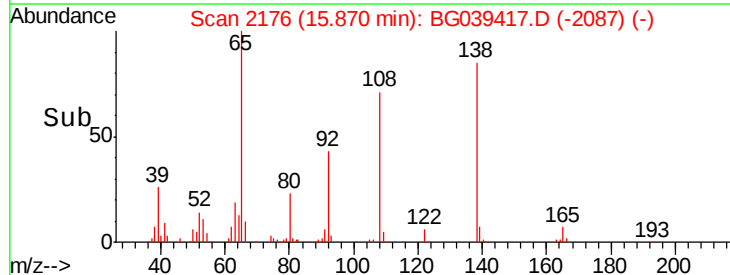
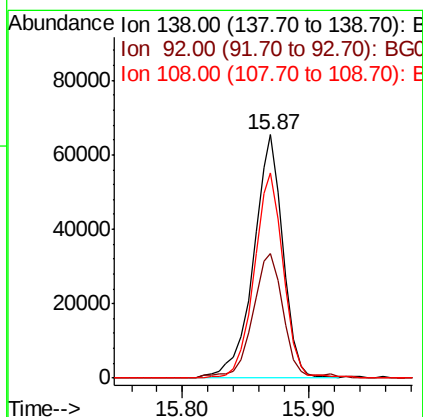
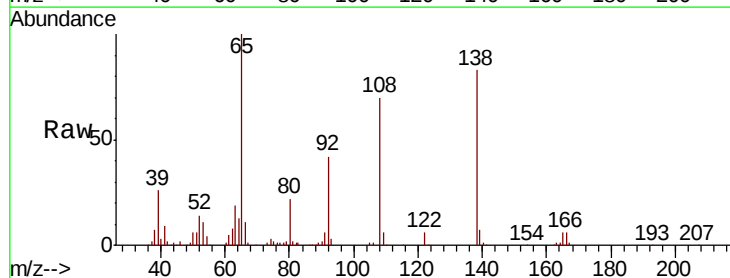
Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

Tgt Ion: 204 Resp: 217462
 Ion Ratio Lower Upper
 204 100
 206 35.3 29.2 43.8
 141 57.8 49.0 73.4



#62
 4-Nitroaniline
 Concen: 47.010 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion: 138 Resp: 105419
 Ion Ratio Lower Upper
 138 100
 92 51.0 38.7 78.7
 108 84.3 74.6 114.6





#63

Azobenzene

Concen: 36.568 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

Tgt Ion: 77 Resp: 395989

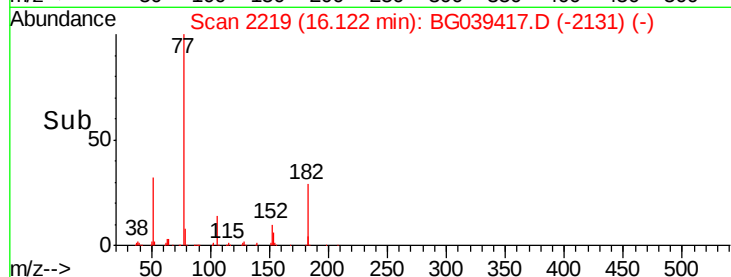
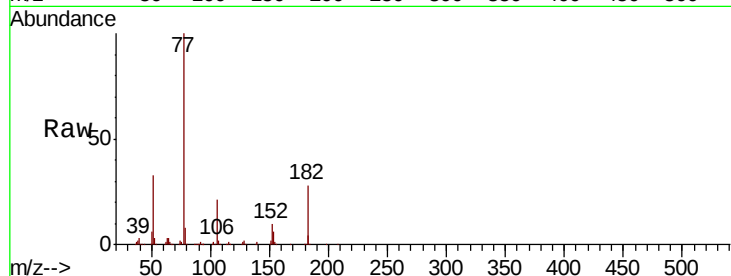
Ion Ratio Lower Upper

77 100

182 28.3 6.4 46.4

105 20.7 0.0 39.8

51 32.7 14.1 54.1



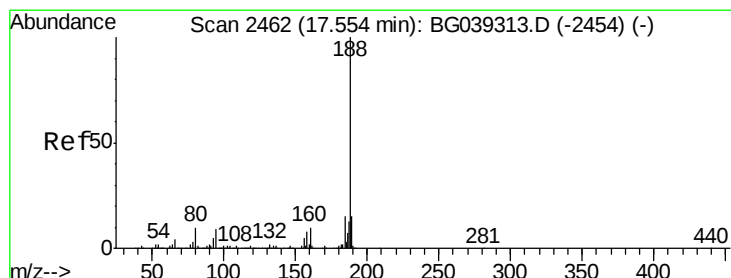
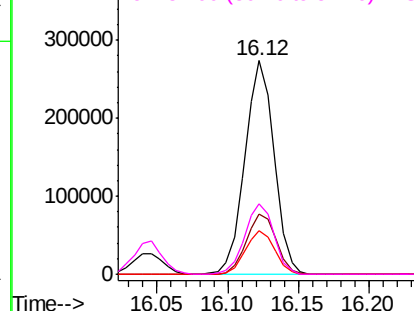
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

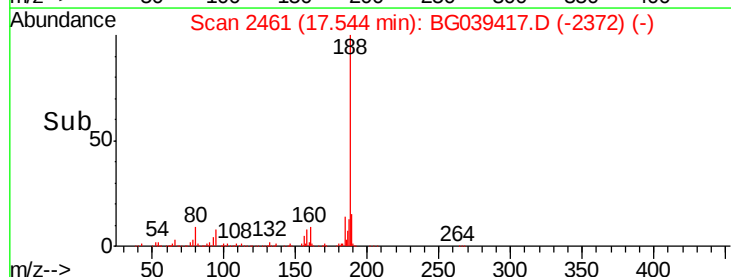
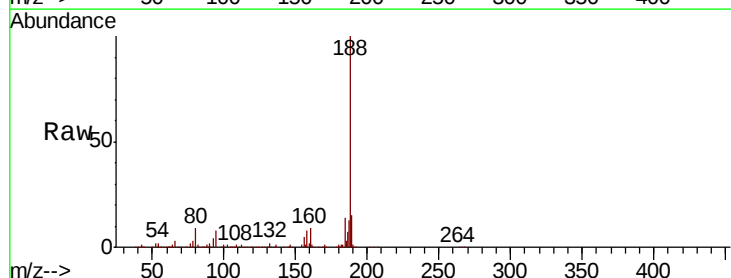
Tgt Ion: 188 Resp: 326420

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

80 8.7 8.1 12.1

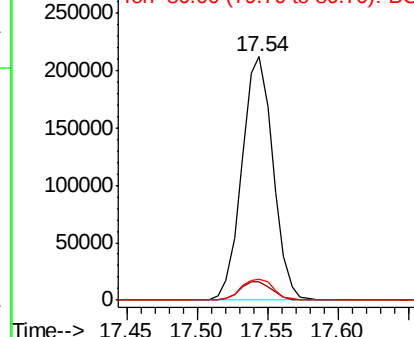


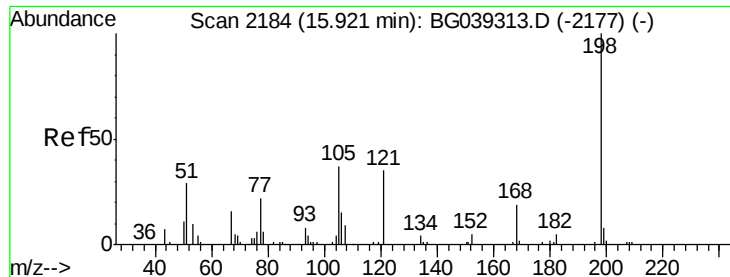
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.058 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

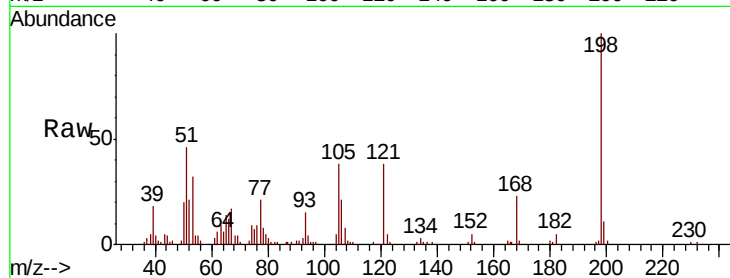
Tgt Ion:198 Resp: 51279

Ion Ratio Lower Upper

198 100

51 46.0 27.4 67.4

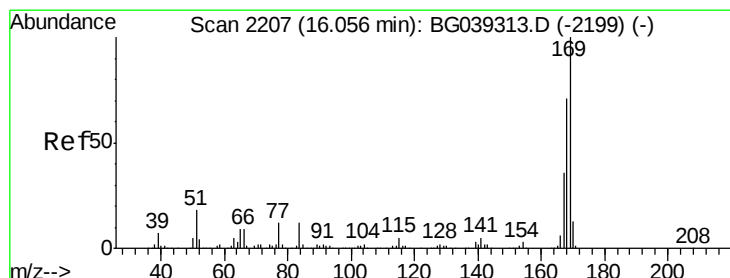
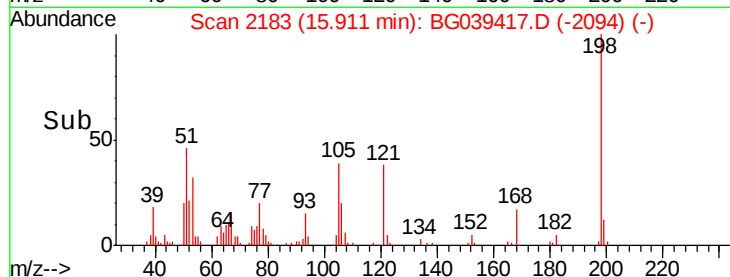
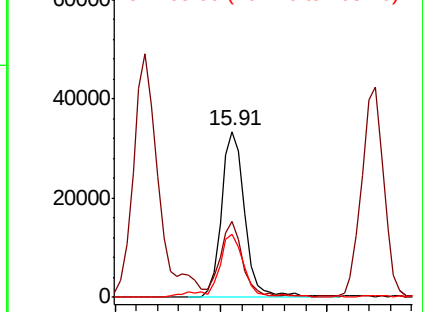
105 38.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.547 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

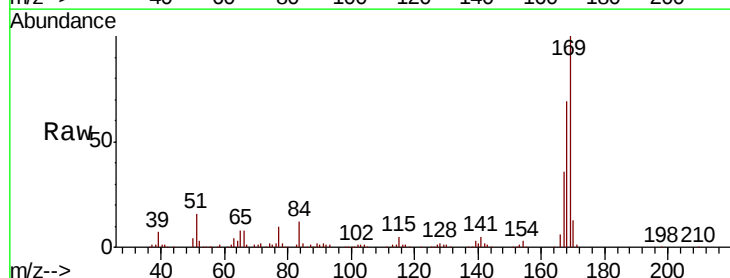
Tgt Ion:169 Resp: 382587

Ion Ratio Lower Upper

169 100

168 68.8 56.6 85.0

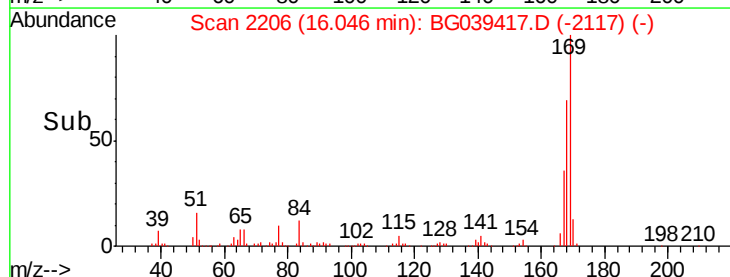
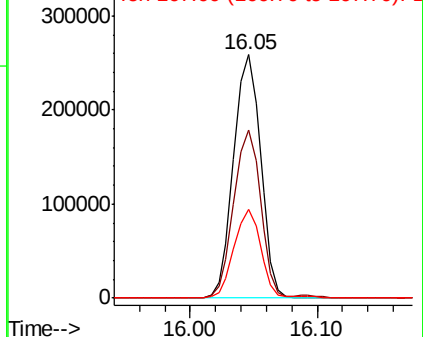
167 36.5 28.8 43.2

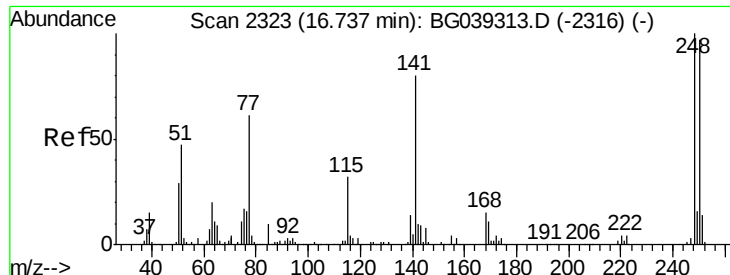


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

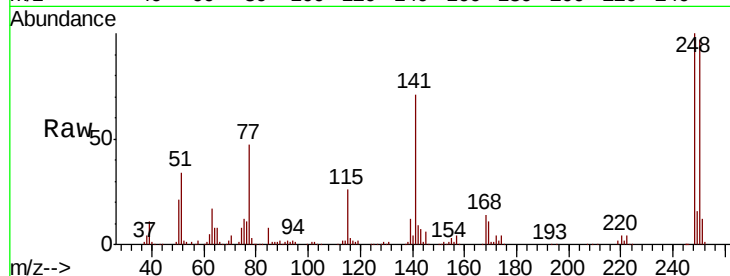




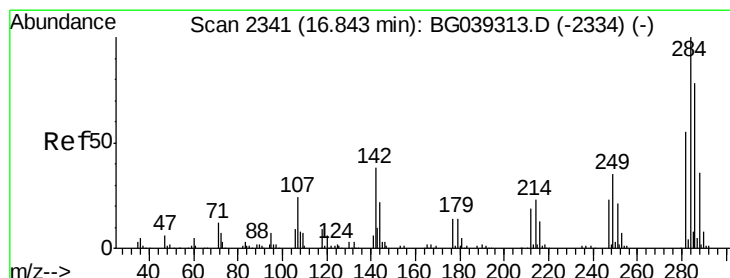
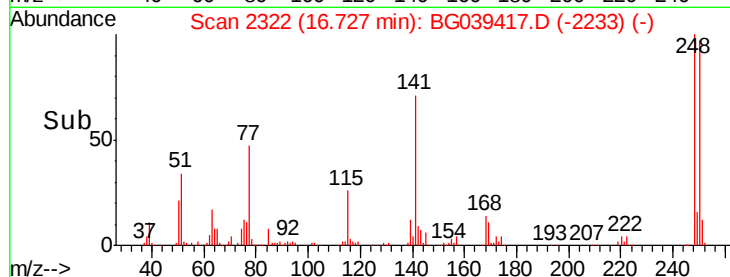
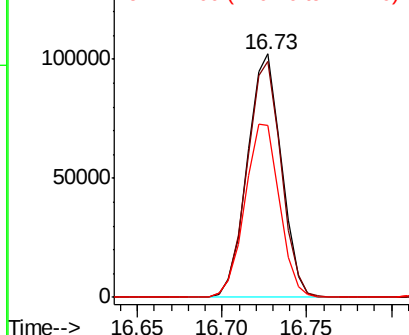
#67
 4-Bromophenyl-phenylether
 Concen: 39.598 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Instrument :
 BNA_G
 ClientSampled :
 PB116935BS

Tgt Ion:248 Resp: 143396
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.6 116.4
 141 70.9 63.9 95.9

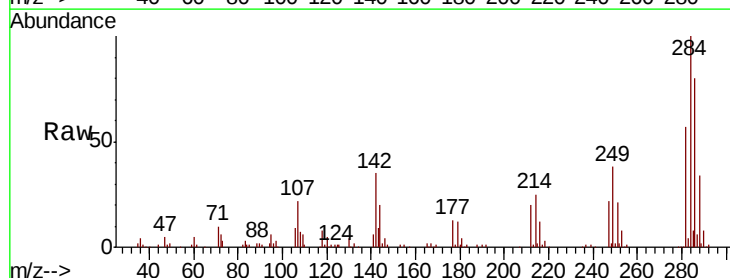


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

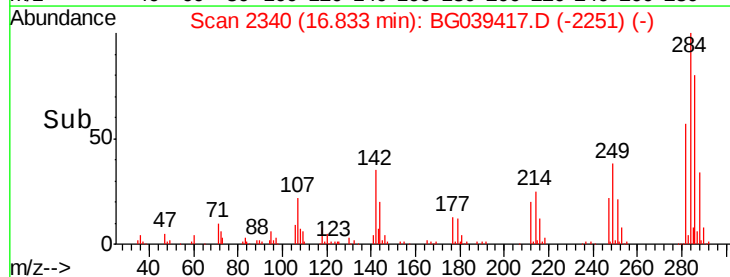
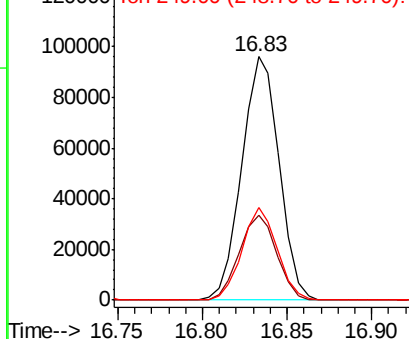


#68
 Hexachlorobenzene
 Concen: 40.485 ng
 RT: 16.83 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion:284 Resp: 147089
 Ion Ratio Lower Upper
 284 100
 142 35.0 30.6 45.8
 249 38.3 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: 42.725 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

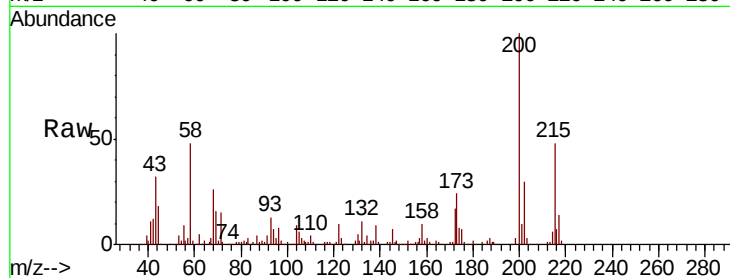
Tgt Ion:200 Resp: 154969

Ion Ratio Lower Upper

200 100

173 24.3 3.9 43.9

215 47.5 30.9 70.9

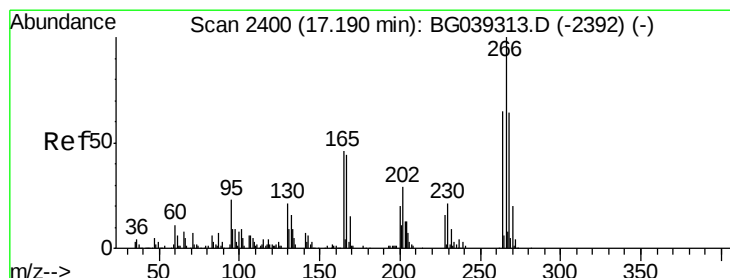
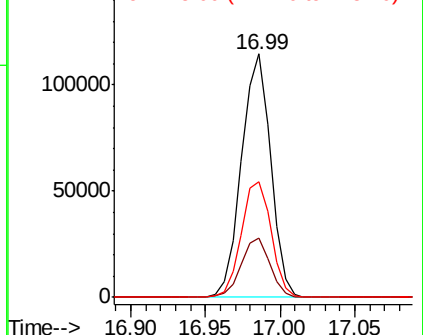
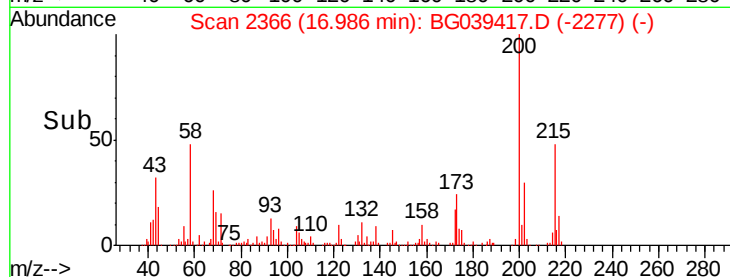


Abundance

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: 68.053 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

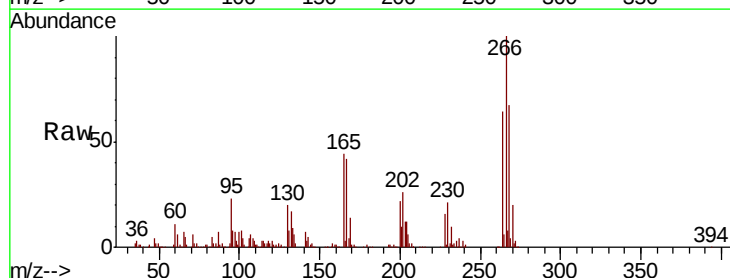
Tgt Ion:266 Resp: 171845

Ion Ratio Lower Upper

266 100

268 66.6 51.1 76.7

264 64.3 52.1 78.1

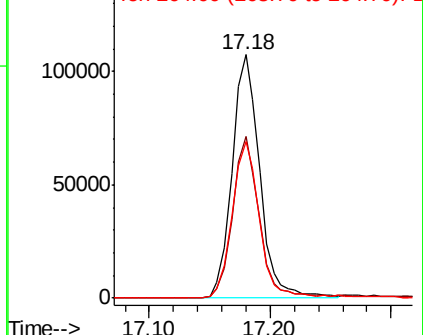
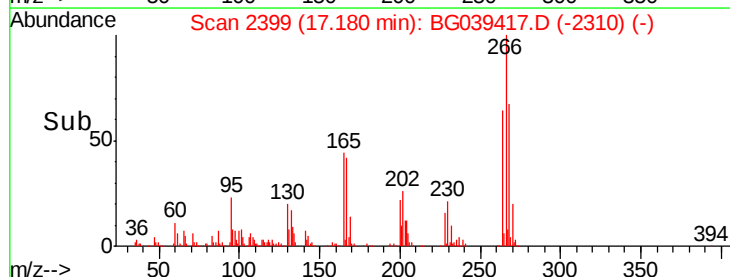


Abundance

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

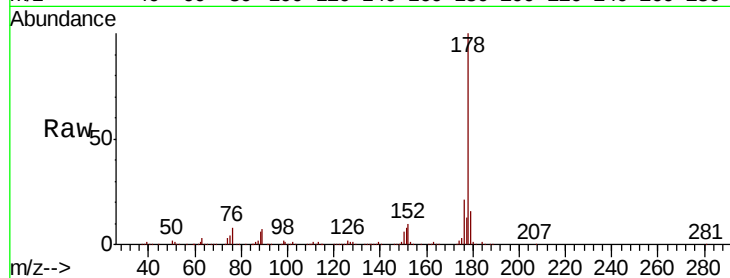




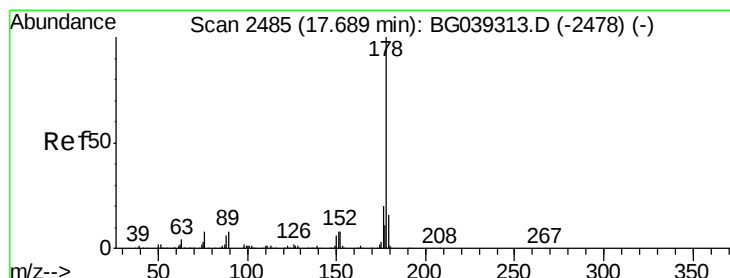
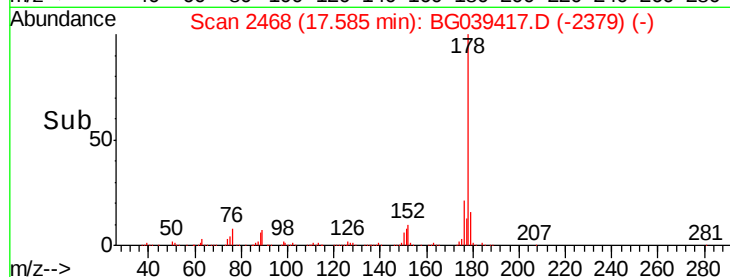
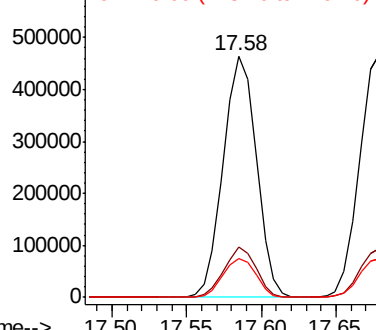
#71
Phenanthrene
Concen: 42.167 ng
RT: 17.58 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion:178 Resp: 712398
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.3 12.6 19.0

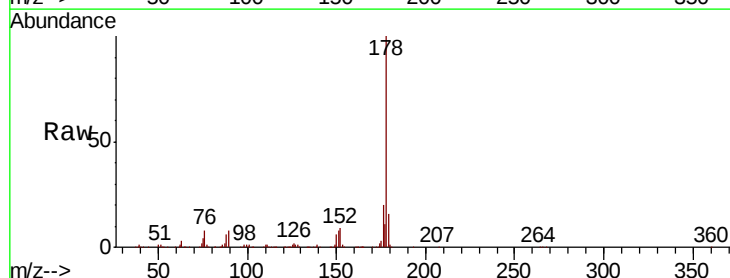


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

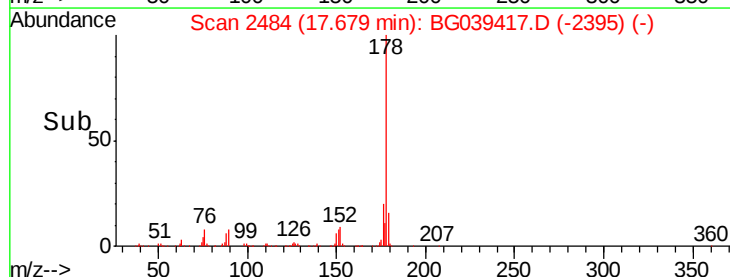
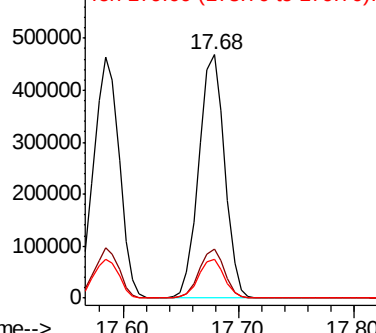


#72
Anthracene
Concen: 43.559 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:178 Resp: 724879
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 15.8 12.5 18.7



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





#73

Carbazole

Concen: 38.605 ng

RT: 17.94 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

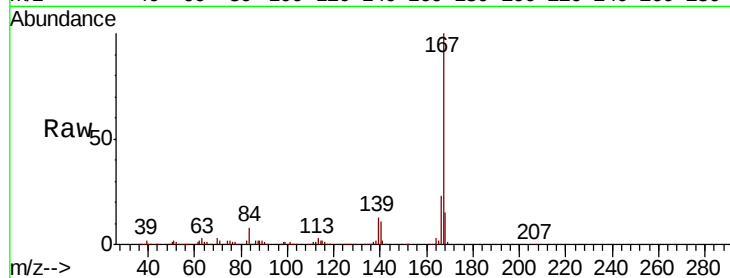
Tgt Ion:167 Resp: 641142

Ion Ratio Lower Upper

167 100

166 23.0 19.4 29.2

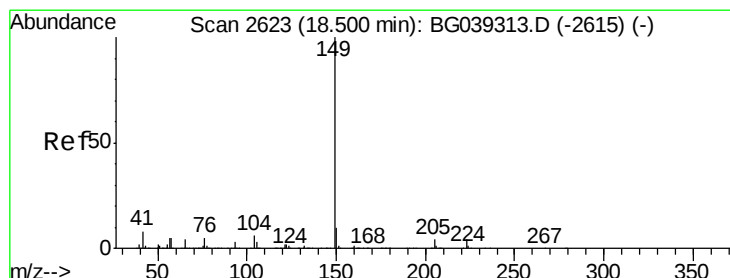
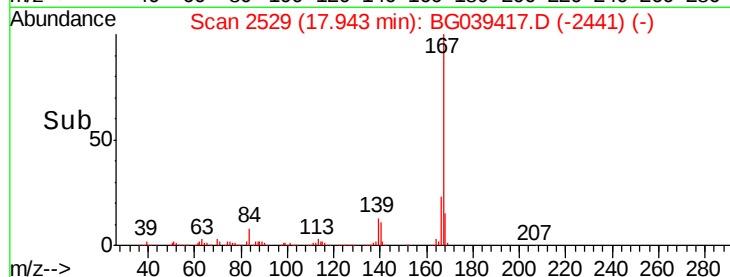
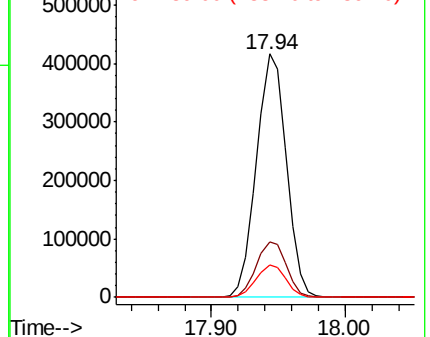
139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.389 ng

RT: 18.48 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

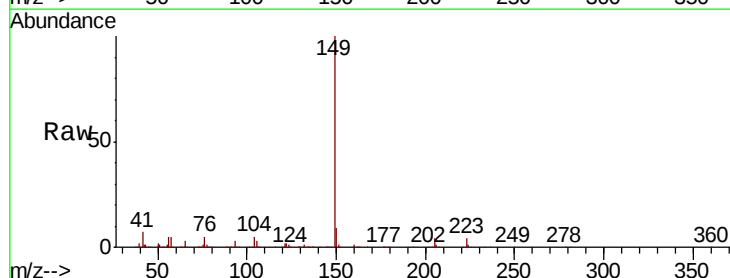
Tgt Ion:149 Resp: 782530

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

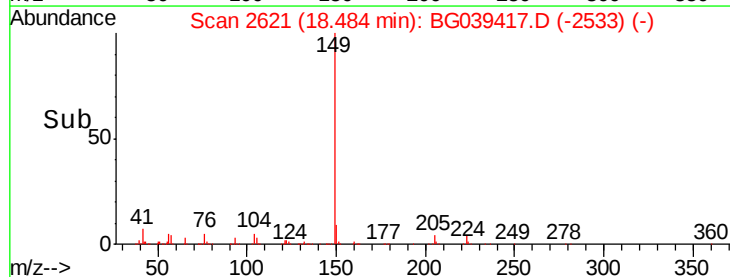
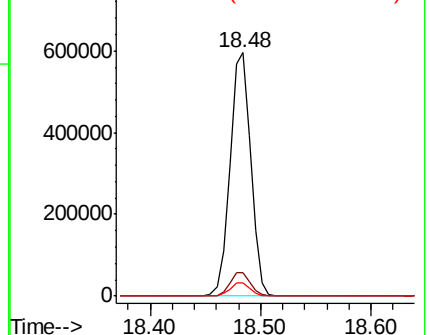
104 5.4 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.025 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

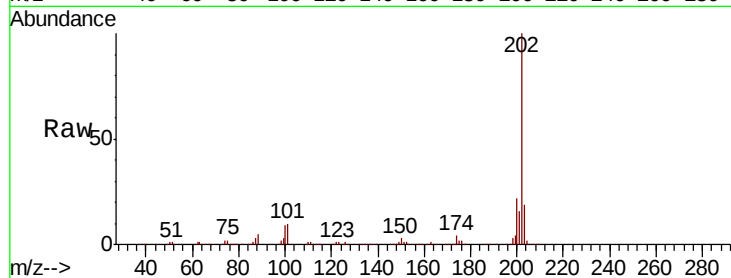
Tgt Ion:202 Resp: 882912

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.0

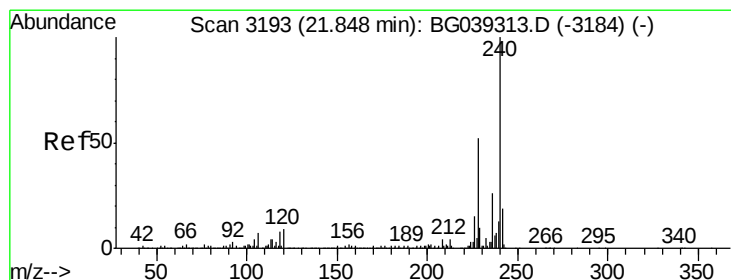
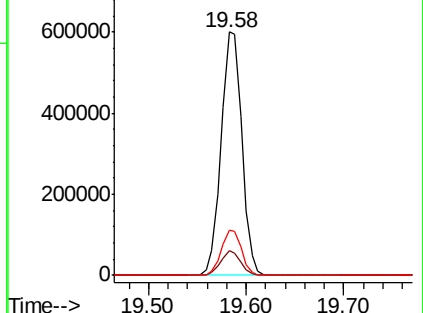
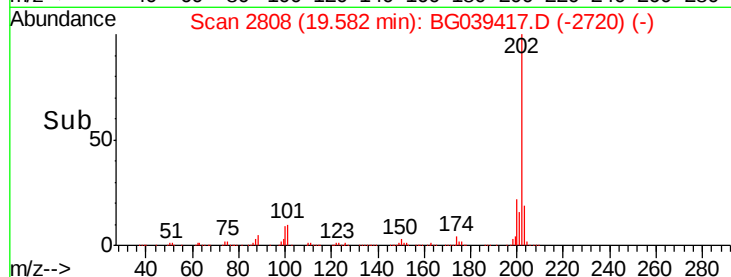
203 18.8 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

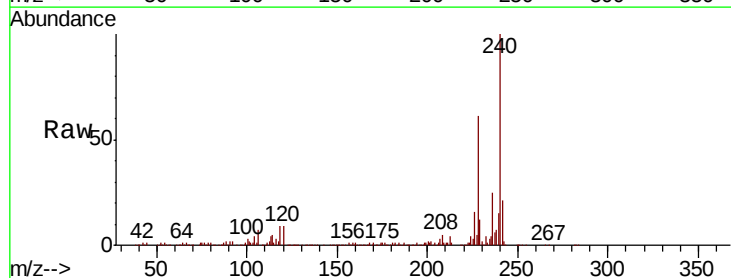
Tgt Ion:240 Resp: 346902

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

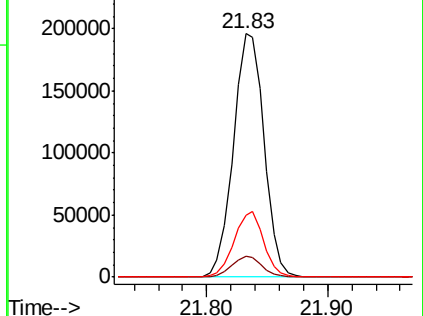
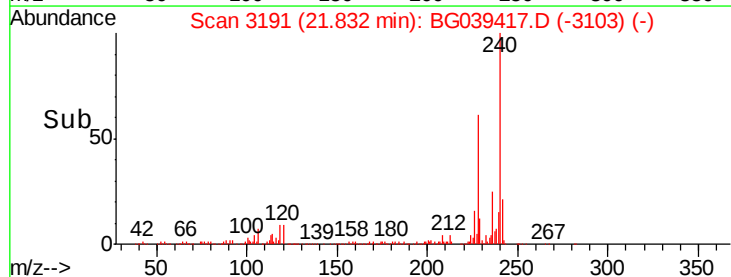
236 25.4 21.0 31.4



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: 39.995 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

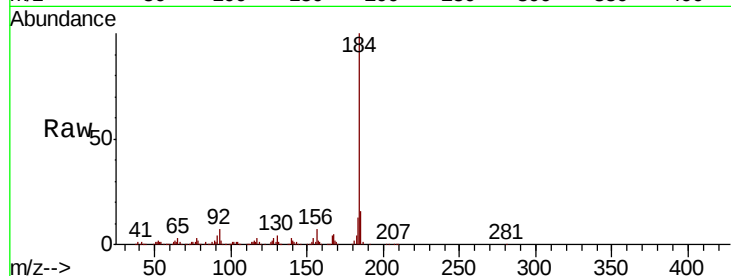
Tgt Ion:184 Resp: 454875

Ion Ratio Lower Upper

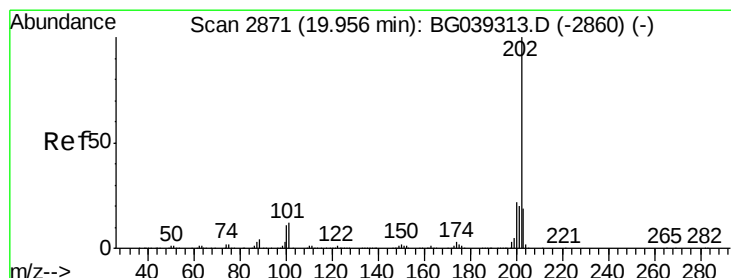
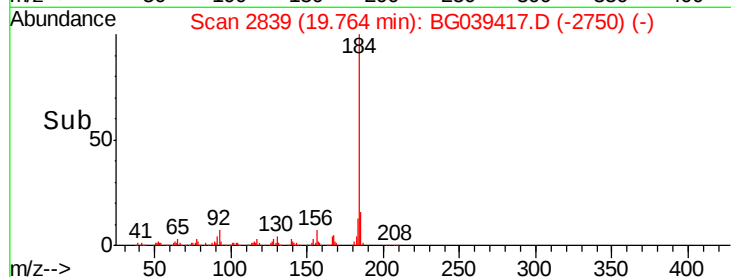
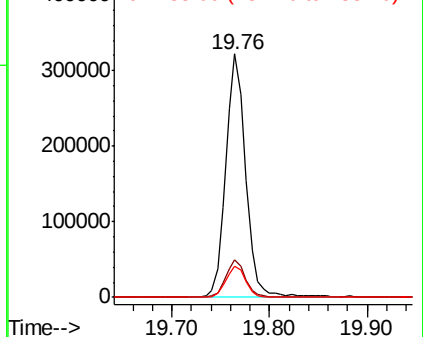
184 100

185 15.7 12.2 18.2

183 12.6 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: 41.218 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

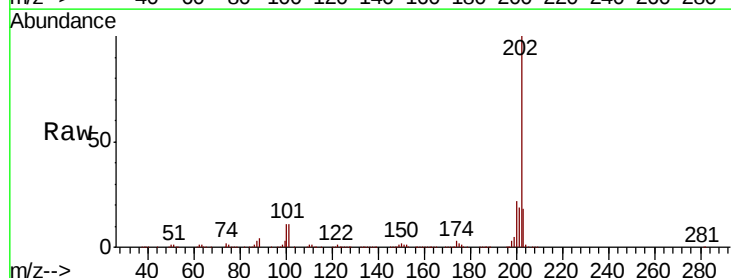
Tgt Ion:202 Resp: 890119

Ion Ratio Lower Upper

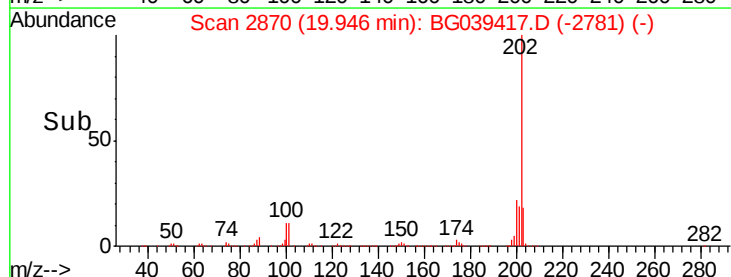
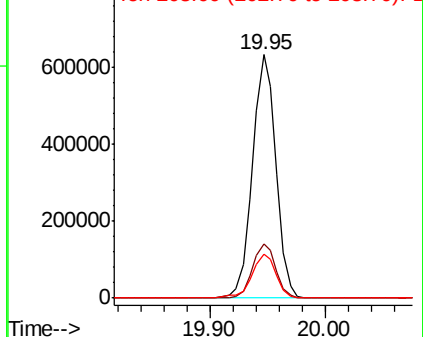
202 100

200 22.3 17.8 26.8

203 18.0 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: 79.674 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

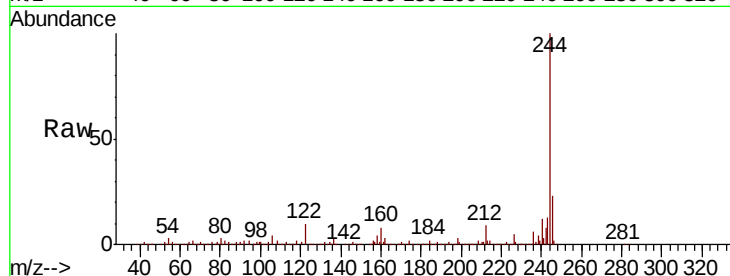
Tgt Ion:244 Resp: 1305762

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

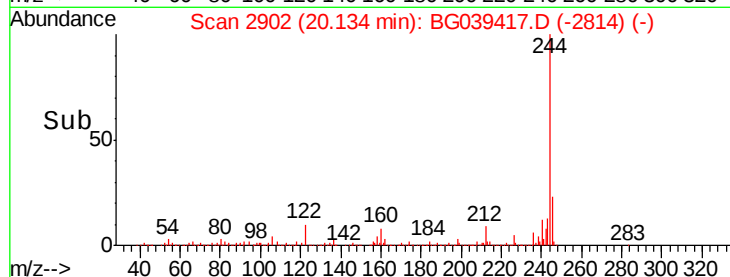
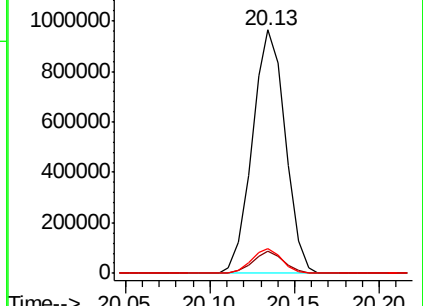
122 10.0 8.4 12.6



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: 40.447 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

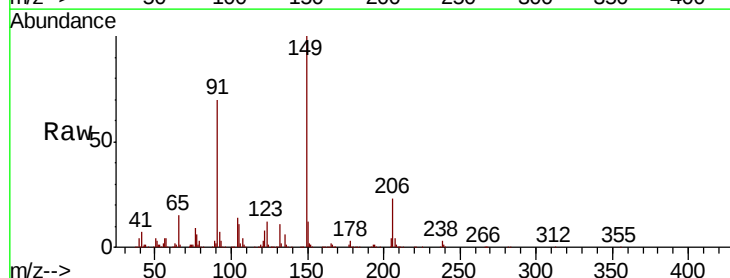
Tgt Ion:149 Resp: 368462

Ion Ratio Lower Upper

149 100

91 70.1 59.5 89.3

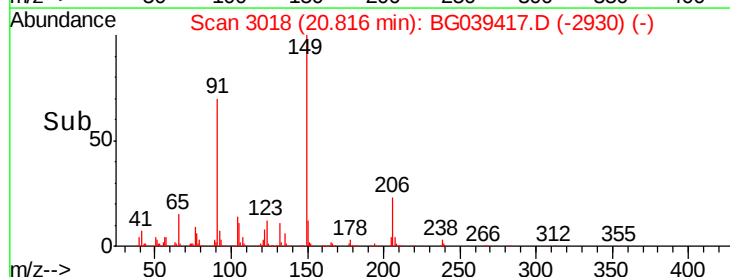
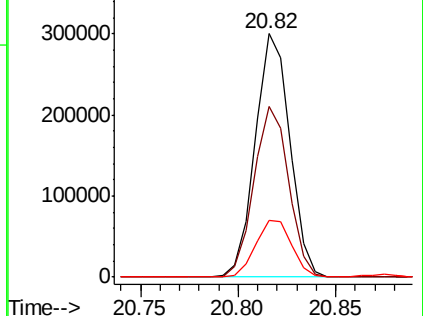
206 23.3 18.6 27.8

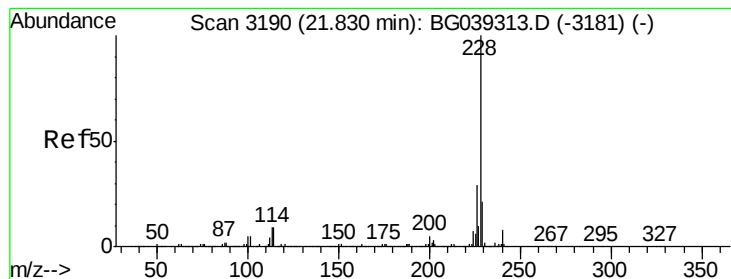


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.115 ng

RT: 21.81 min Scan# 3188

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

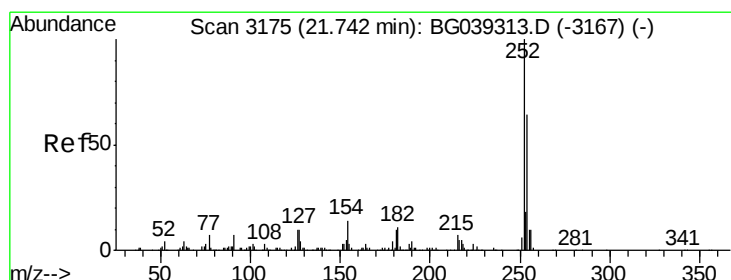
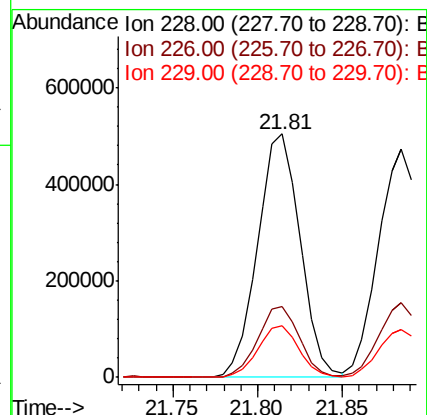
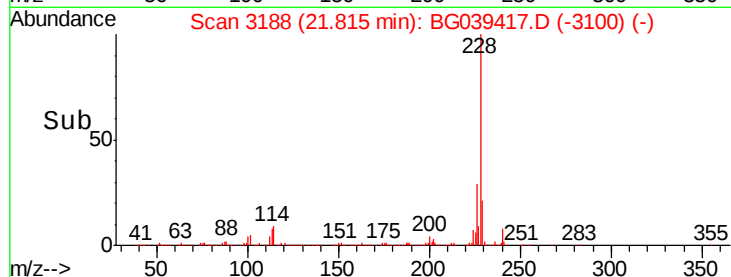
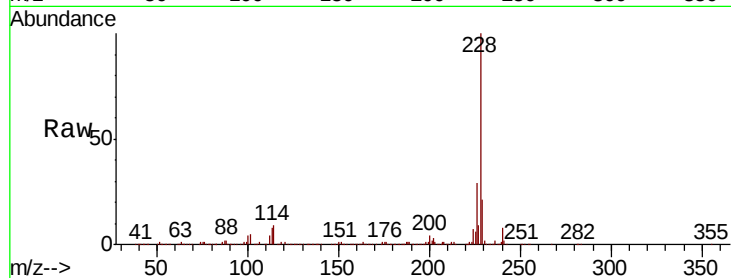
Tgt Ion:228 Resp: 883775

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.6

229 21.0 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 25.044 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

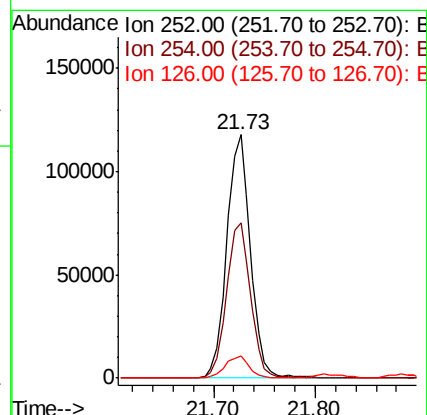
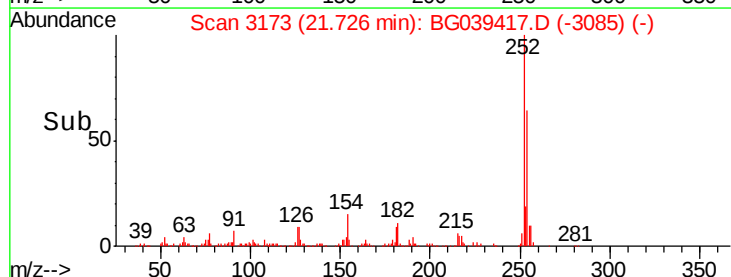
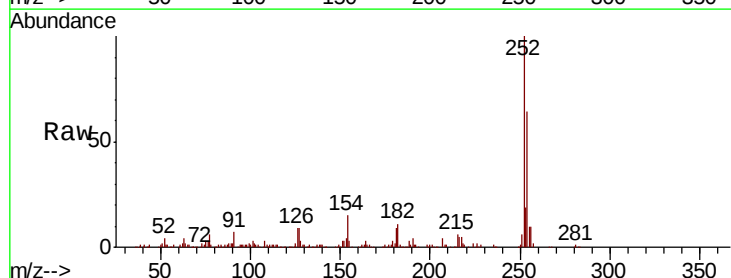
Tgt Ion:252 Resp: 190350

Ion Ratio Lower Upper

252 100

254 63.8 51.3 76.9

126 9.1 8.0 12.0





#83

Chrysene

Concen: 42.106 ng

RT: 21.89 min Scan# 3200

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

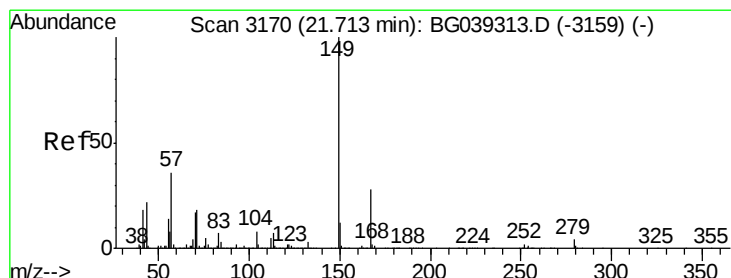
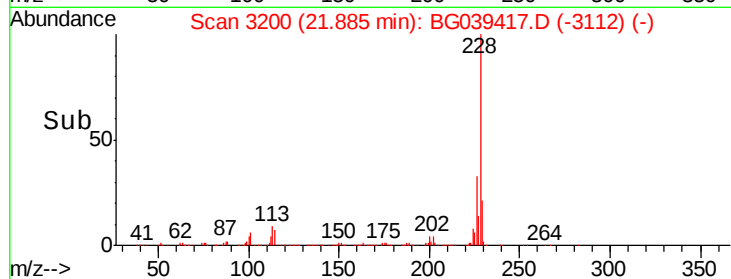
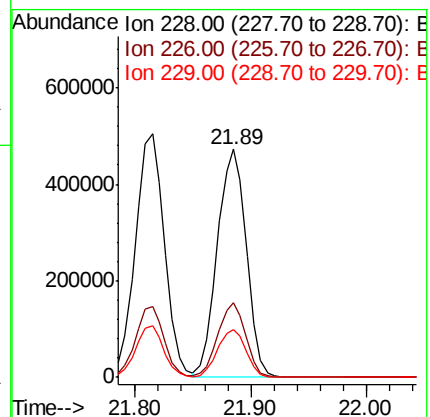
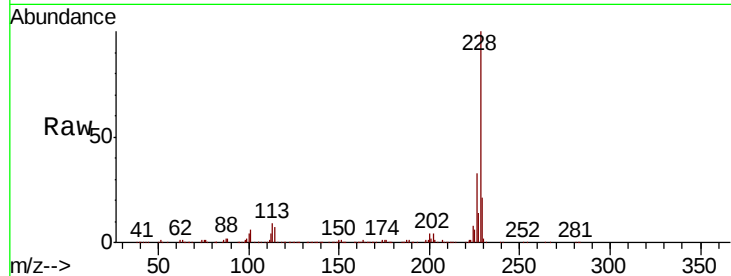
Tgt Ion:228 Resp: 821617

Ion Ratio Lower Upper

228 100

226 32.9 25.8 38.6

229 20.8 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.589 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

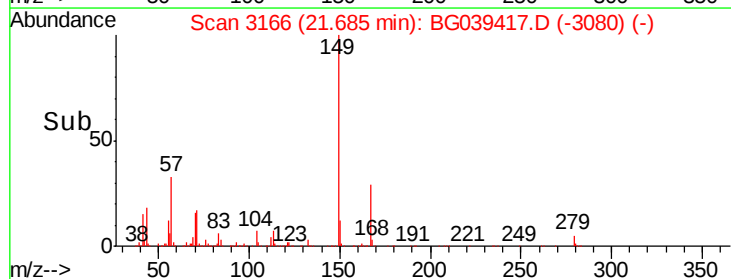
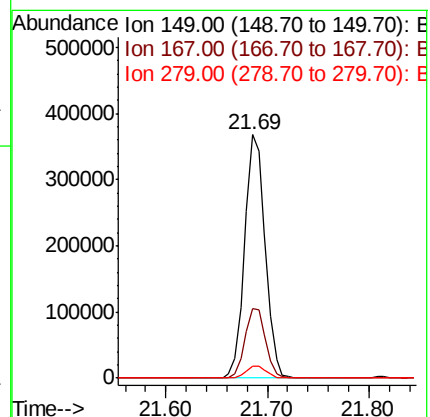
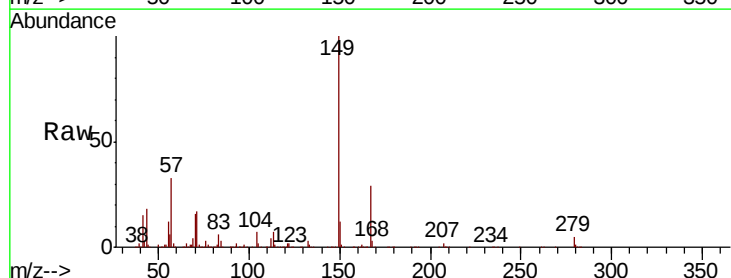
Tgt Ion:149 Resp: 514510

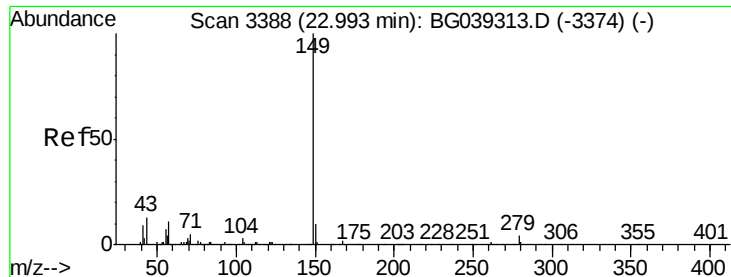
Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

279 4.7 3.5 5.3

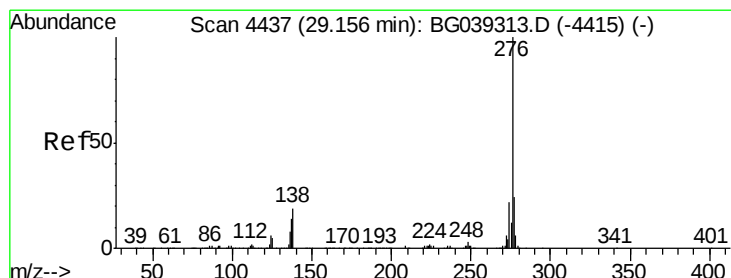
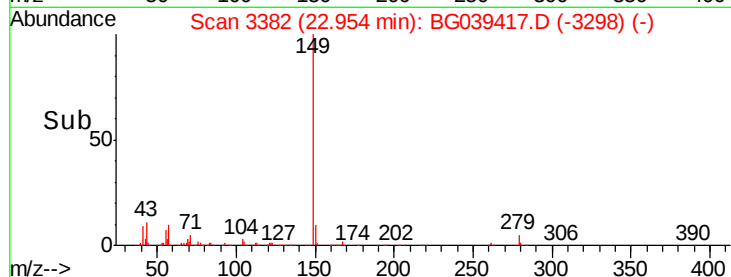
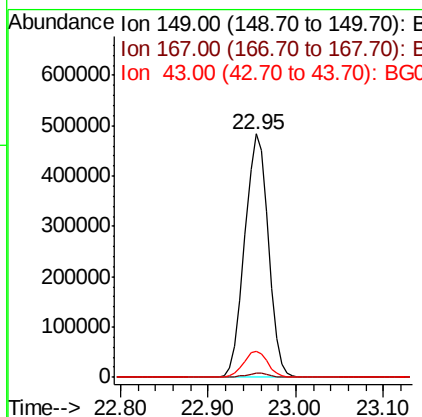
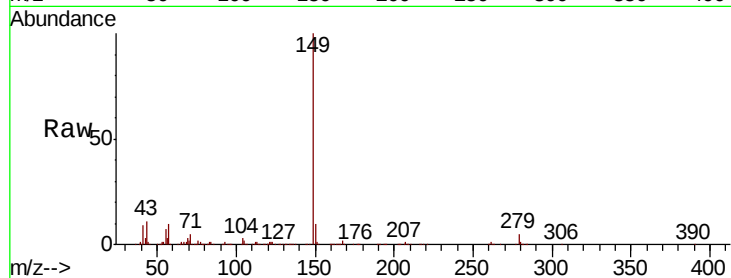




#85
Di-n-octyl phthalate
Concen: 41.066 ng
RT: 22.95 min Scan# 3382
Delta R.T. -0.04 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

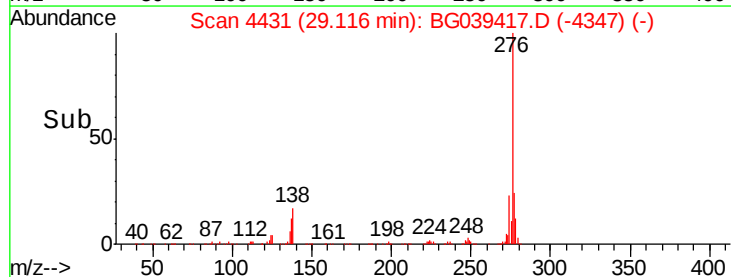
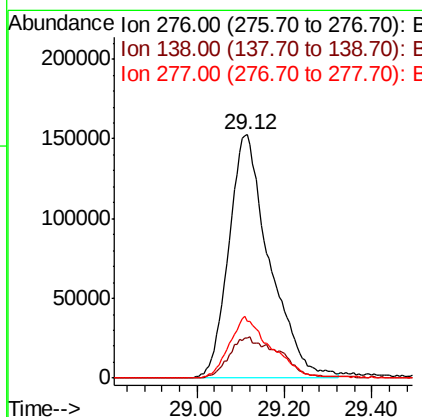
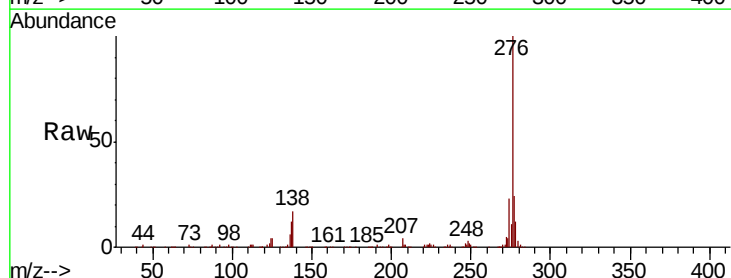
Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tgt Ion:149 Resp: 881741
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.276 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:276 Resp: 968816
Ion Ratio Lower Upper
276 100
138 20.4 12.6 19.0#
277 25.6 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

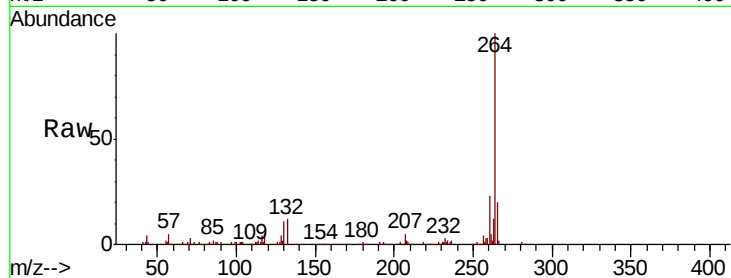
Tgt Ion:264 Resp: 364796

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

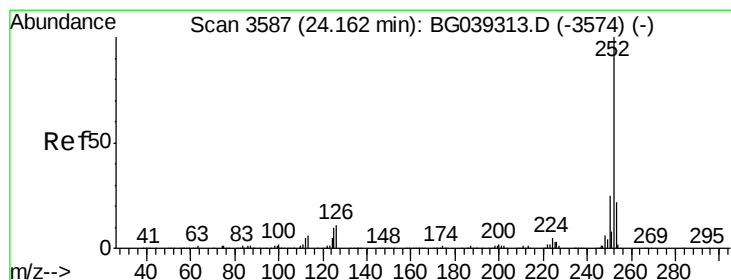
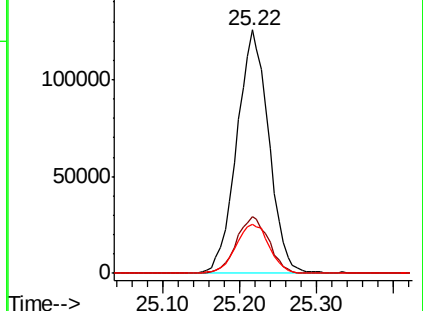
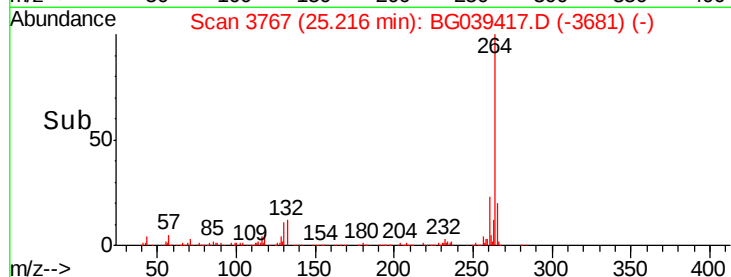
265 20.1 18.5 27.7



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: 43.831 ng

RT: 24.13 min Scan# 3583

Delta R.T. -0.03 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

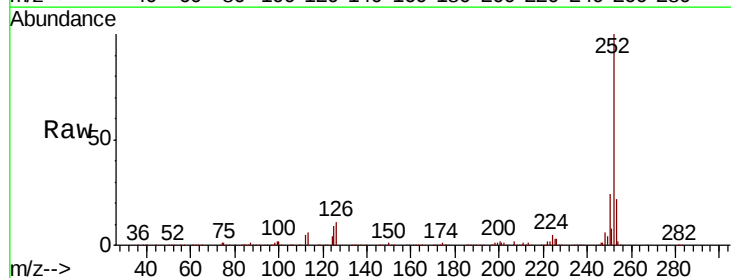
Tgt Ion:252 Resp: 871993

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

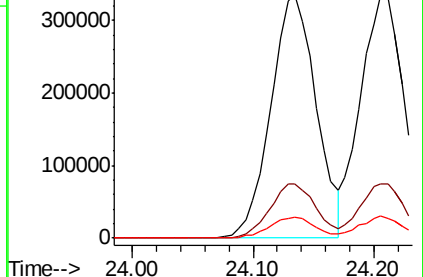
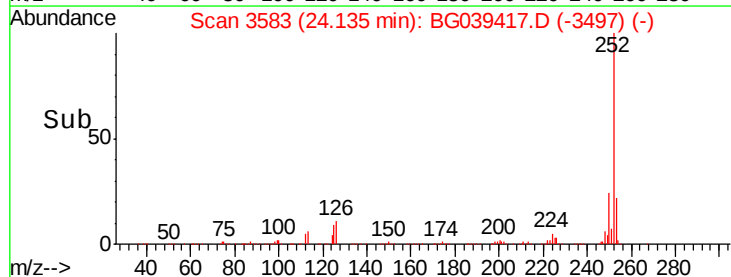
125 8.8 7.8 11.6



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: 42.126 ng

RT: 24.21 min Scan# 3595

Delta R.T. -0.03 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

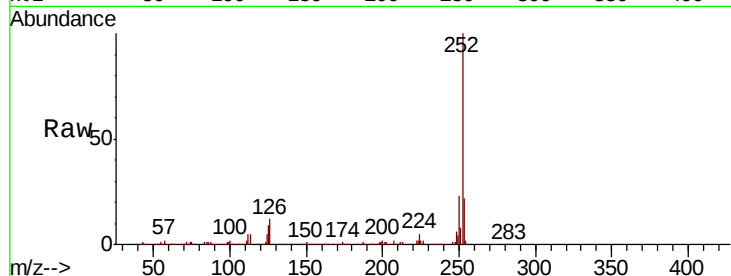
Tgt Ion:252 Resp: 841412

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

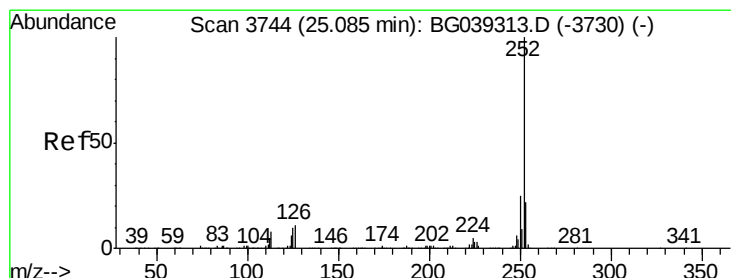
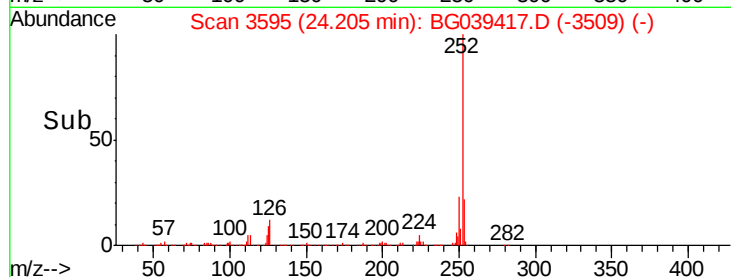
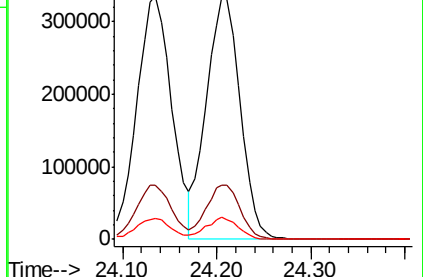
125 9.0 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.111 ng

RT: 25.06 min Scan# 3740

Delta R.T. -0.03 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

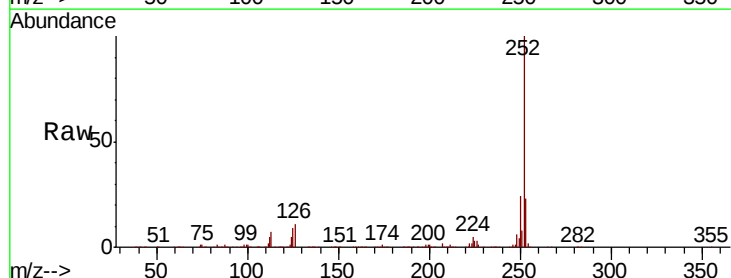
Tgt Ion:252 Resp: 845162

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

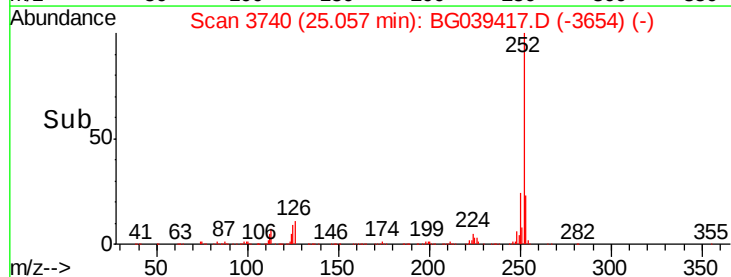
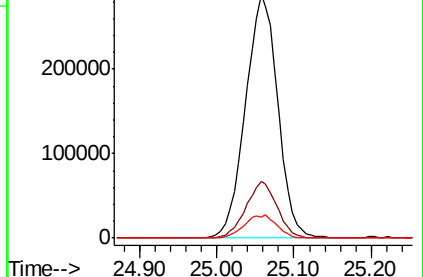
125 8.5 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.429 ng

RT: 29.19 min Scan# 4444

Delta R.T. -0.05 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

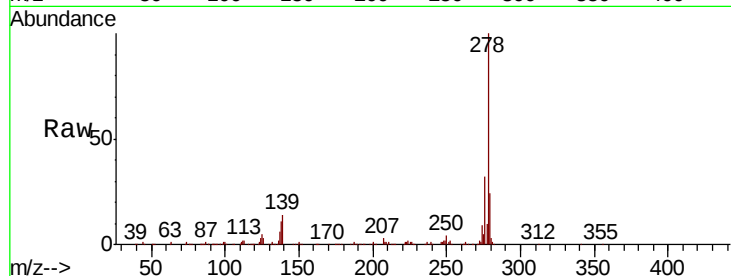
Tgt Ion:278 Resp: 779242

Ion Ratio Lower Upper

278 100

139 13.6 11.7 17.5

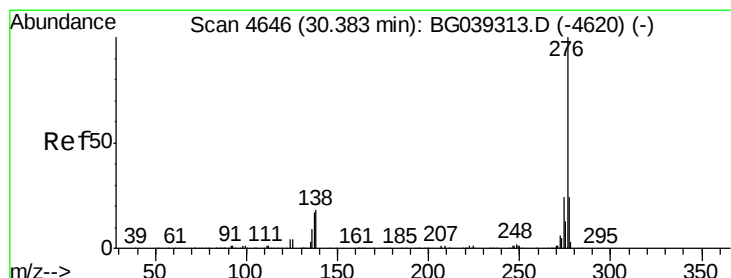
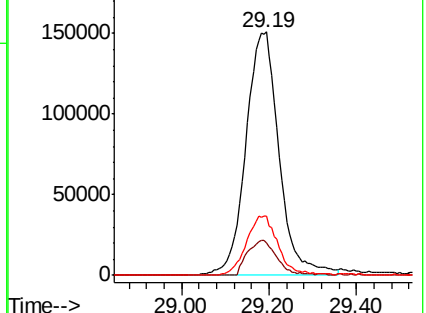
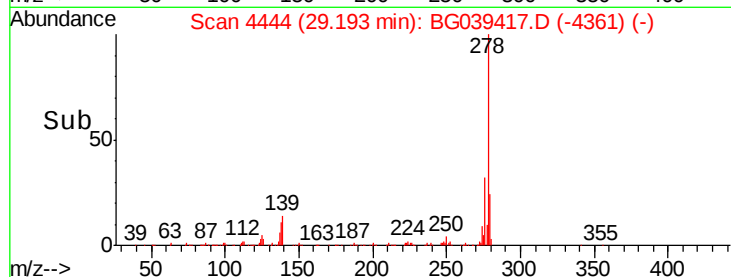
279 24.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.645 ng

RT: 30.34 min Scan# 4640

Delta R.T. -0.04 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

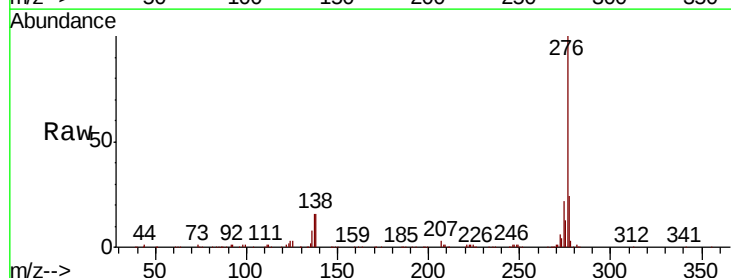
Tgt Ion:276 Resp: 780568

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 16.4 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

