

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
 Data File : BG039449.D
 Acq On : 12 Feb 2019 00:43
 Operator : JU/SJ
 Sample : PB116987BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Quant Time: Feb 12 04:26:04 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	51947	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	245209	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	173699	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	408962	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	402923	20.00	ng	-0.02
87) Perylene-d12	25.21	264	414995	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	295611	97.40	ng	0.00
7) Phenol-d6	7.31	99	421613	94.37	ng	-0.01
23) Nitrobenzene-d5	9.35	82	236048	60.14	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	165137	88.29	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	628308	51.89	ng	-0.02
79) Terphenyl-d14	20.13	244	968394	50.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	29669	22.347	ng	94
3) Pyridine	4.00	79	82004	23.329	ng	94
4) n-Nitrosodimethylamine	3.92	42	44201	25.144	ng	81
6) Aniline	7.50	93	57221	10.225	ng	99
8) 2-Chlorophenol	7.73	128	106981	32.245	ng	94
9) Benzaldehyde	7.31	77	43772	16.090	ng	97
10) Phenol	7.34	94	147002	31.564	ng	94
11) bis(2-Chloroethyl)ether	7.58	93	97645	26.534	ng	99
12) 1,3-Dichlorobenzene	8.06	146	100845	25.091	ng	94
13) 1,4-Dichlorobenzene	8.21	146	105261	26.276	ng	99
14) 1,2-Dichlorobenzene	8.52	146	101796	26.249	ng	98
15) Benzyl Alcohol	8.41	79	99510	28.371	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	185601	22.333	ng	98
17) 2-Methylphenol	8.60	107	95115	31.560	ng	93
18) Hexachloroethane	9.26	117	35172	25.520	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	81175	25.599	ng	94
20) 3+4-Methylphenols	8.92	107	130468	31.437	ng	97
22) Acetophenone	9.00	105	156952	23.829	ng	# 94
24) Nitrobenzene	9.39	77	122714	28.939	ng	98
25) Isophorone	9.90	82	236808	27.225	ng	98
26) 2-Nitrophenol	10.10	139	56884	37.342	ng	98
27) 2,4-Dimethylphenol	10.14	122	113833	32.352	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	146467	27.339	ng	98
29) 2,4-Dichlorophenol	10.63	162	119429	31.056	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	114795	26.589	ng	100
31) Naphthalene	11.04	128	329854	27.116	ng	99
32) Benzoic acid	10.22	122	23399	17.268	ng	93
33) 4-Chloroaniline	11.15	127	52204	9.255	ng	97
34) Hexachlorobutadiene	11.31	225	70735	24.636	ng	91
35) Caprolactam	11.92	113	41848	26.298	ng	# 85
36) 4-Chloro-3-methylphenol	12.25	107	131926	29.664	ng	97
37) 2-Methylnaphthalene	12.64	142	261495	29.023	ng	96
38) 1-Methylnaphthalene	12.85	142	249923	28.776	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	142967	25.869	ng	99

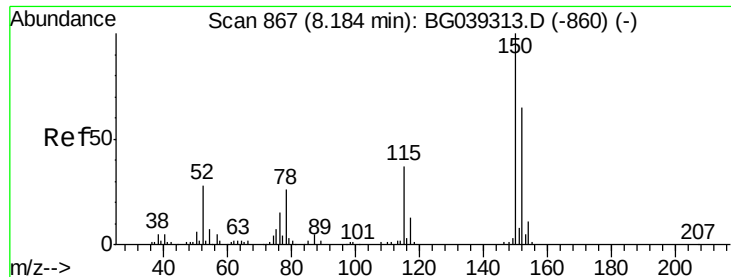
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
 Data File : BG039449.D
 Acq On : 12 Feb 2019 00:43
 Operator : JU/SJ
 Sample : PB116987BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Quant Time: Feb 12 04:26:04 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)
41) Hexachlorocyclopentadiene	12.96	237	179116	59.477	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	102921	30.288	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	110882	31.134	ng	98
46) 1,1'-Biphenyl	13.63	154	358912	24.834	ng	99
47) 2-Chloronaphthalene	13.68	162	279613	25.718	ng	97
48) 2-Nitroaniline	13.88	65	91663	32.573	ng	98
49) Acenaphthylene	14.52	152	451281	27.509	ng	99
50) Dimethylphthalate	14.24	163	377920	26.939	ng	100
51) 2,6-Dinitrotoluene	14.37	165	84425	34.359	ng	95
52) Acenaphthene	14.86	154	280798	26.369	ng	99
53) 3-Nitroaniline	14.70	138	43334	19.262	ng	# 91
54) 2,4-Dinitrophenol	14.90	184	15273	21.335	ng	93
55) Dibenzofuran	15.19	168	451899	26.468	ng	98
56) 4-Nitrophenol	14.99	139	131568	53.907	ng	87
57) 2,4-Dinitrotoluene	15.15	165	112324	35.818	ng	# 84
58) Fluorene	15.84	166	358384	28.158	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	110733	33.207	ng	95
60) Diethylphthalate	15.59	149	374789	25.839	ng	99
61) 4-Chlorophenyl-phenylether	15.83	204	190282	26.403	ng	96
62) 4-Nitroaniline	15.86	138	81087	29.353	ng	95
63) Azobenzene	16.12	77	338664	23.889	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	21068	18.922	ng	94
66) n-Nitrosodiphenylamine	16.04	169	325541	26.179	ng	96
67) 4-Bromophenyl-phenylether	16.72	248	123168	27.148	ng	94
68) Hexachlorobenzene	16.83	284	125224	27.510	ng	96
69) Atrazine	16.98	200	122551	26.968	ng	96
70) Pentachlorophenol	17.18	266	111016	35.091	ng	98
71) Phenanthrene	17.58	178	583318	27.558	ng	99
72) Anthracene	17.67	178	590634	28.329	ng	99
73) Carbazole	17.94	167	504430	24.243	ng	97
74) Di-n-butylphthalate	18.47	149	598738	24.665	ng	99
75) Fluoranthene	19.58	202	679044	27.640	ng	99
77) Benzidine	19.76	184	148670	11.254	ng	98
78) Pyrene	19.94	202	678449	27.048	ng	99
80) Butylbenzylphthalate	20.81	149	274182	25.913	ng	92
81) Benzo(a)anthracene	21.81	228	665669	27.959	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	106216	12.032	ng	98
83) Chrysene	21.88	228	615469	27.156	ng	97
84) Bis(2-ethylhexyl)phthalate	21.68	149	384135	25.447	ng	99
85) Di-n-octyl phthalate	22.95	149	663218	26.594	ng	95
86) Indeno(1,2,3-cd)pyrene	29.10	276	735675	30.254	ng	99
88) Benzo(b)fluoranthene	24.13	252	645925	28.540	ng	98
89) Benzo(k)fluoranthene	24.20	252	627470	27.615	ng	98
90) Benzo(a)pyrene	25.05	252	624913	28.671	ng	99
91) Dibenzo(a,h)anthracene	29.17	278	596902	29.242	ng	98
92) Benzo(g,h,i)perylene	30.32	276	610796	30.021	ng	97

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

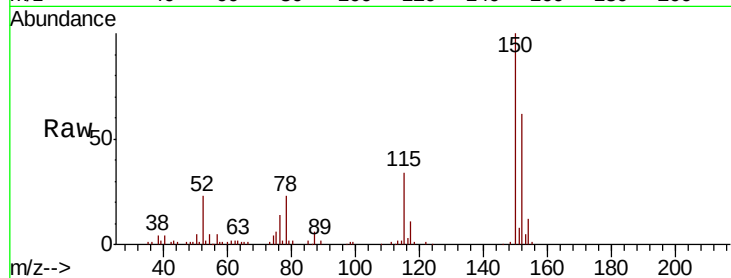


#1

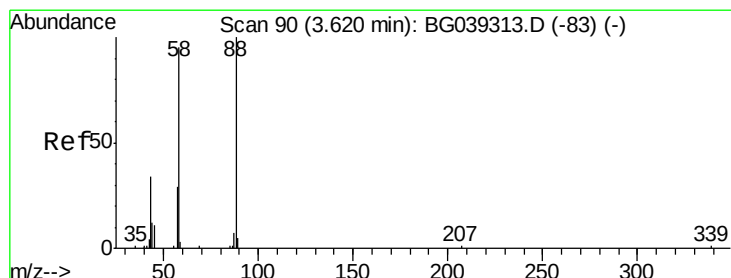
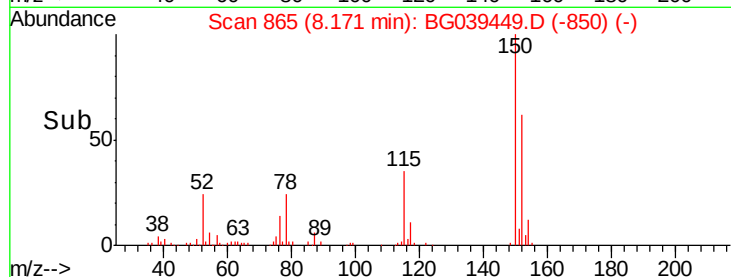
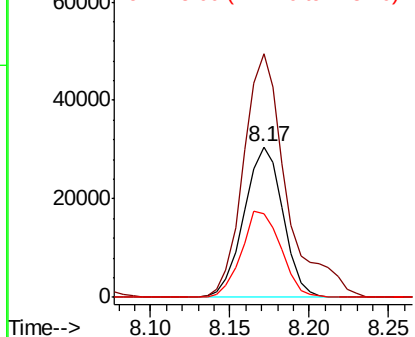
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tgt Ion:152 Resp: 51947
Ion Ratio Lower Upper
152 100
150 161.8 123.7 185.5
115 55.4 45.9 68.9



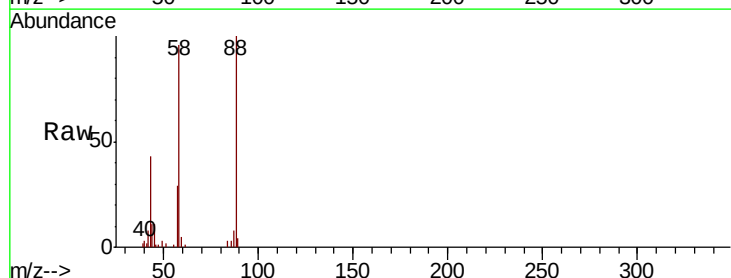
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



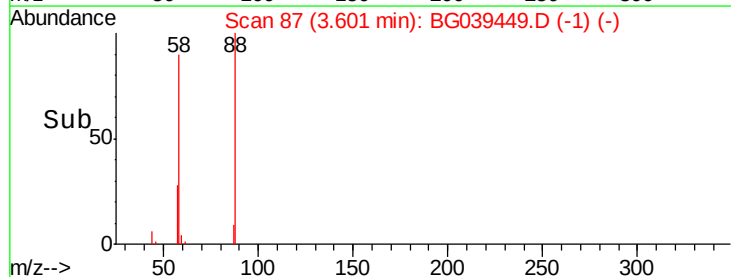
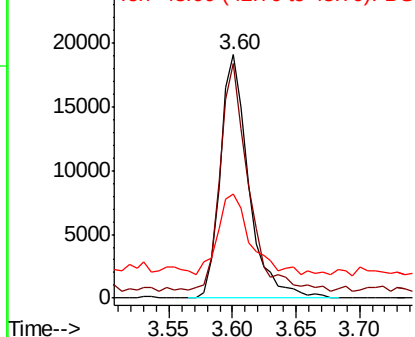
#2

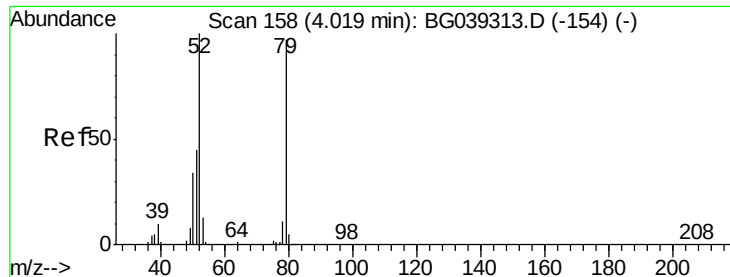
1,4-Dioxane
Concen: 22.347 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion: 88 Resp: 29669
Ion Ratio Lower Upper
88 100
58 92.9 81.1 121.7
43 39.6 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: 23.329 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

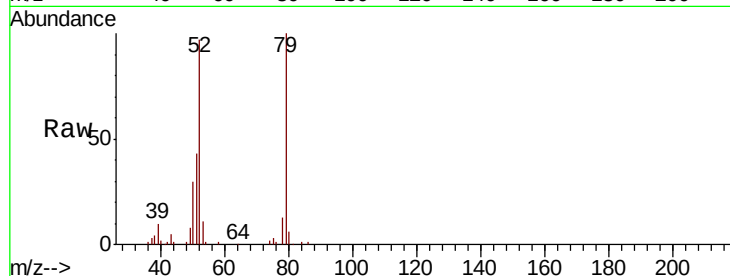
Tgt Ion: 79 Resp: 82004

Ion Ratio Lower Upper

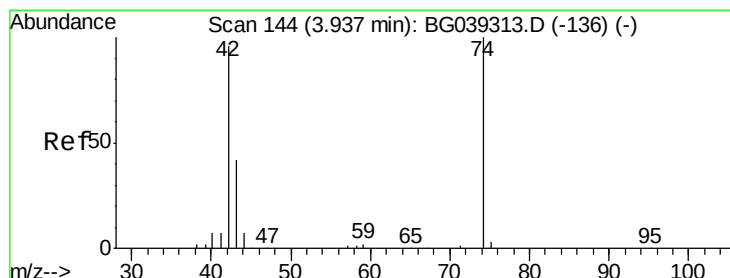
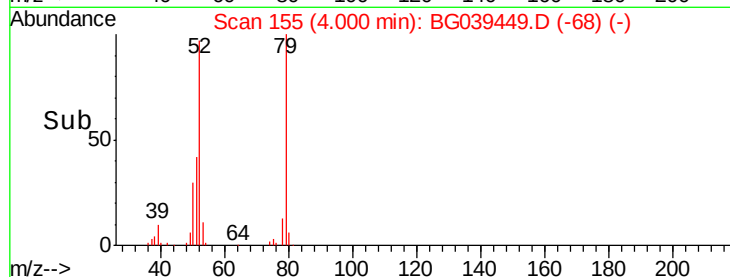
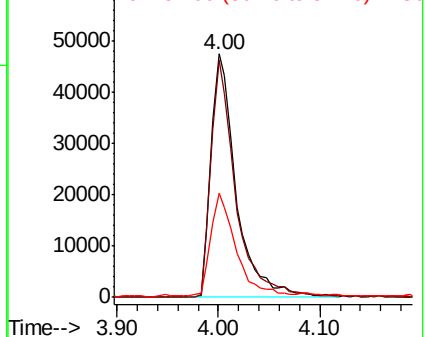
79 100

52 97.4 82.6 124.0

51 42.9 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: 25.144 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

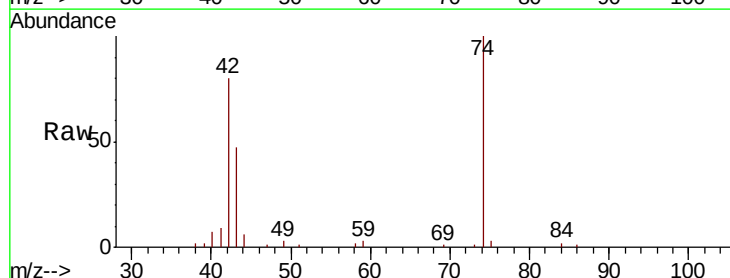
Tgt Ion: 42 Resp: 44201

Ion Ratio Lower Upper

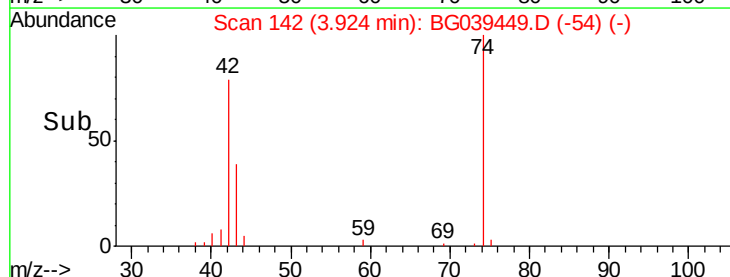
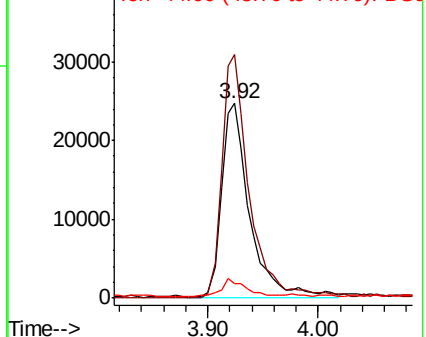
42 100

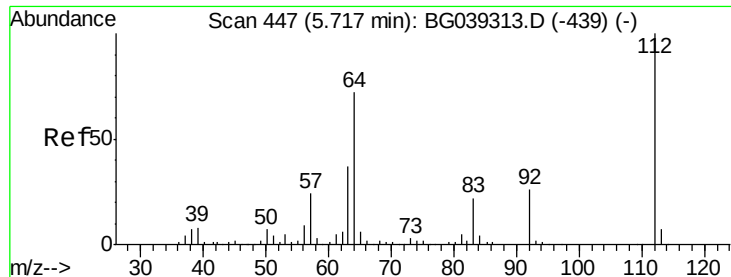
74 125.1 83.6 125.4

44 7.8 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: 97.396 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

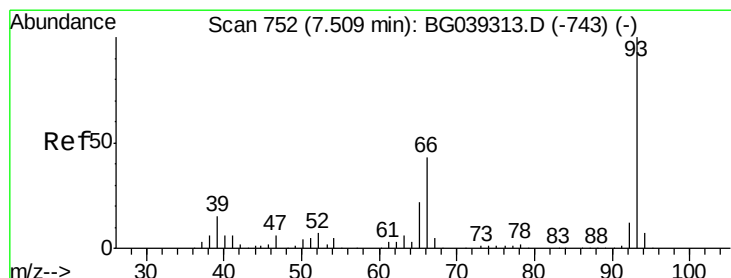
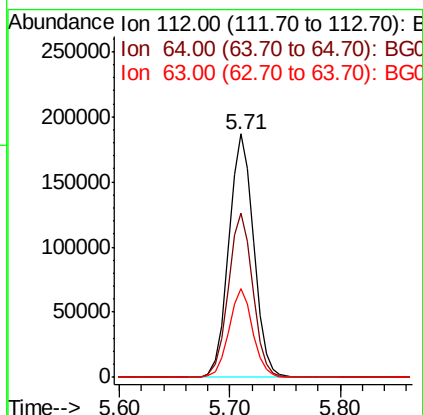
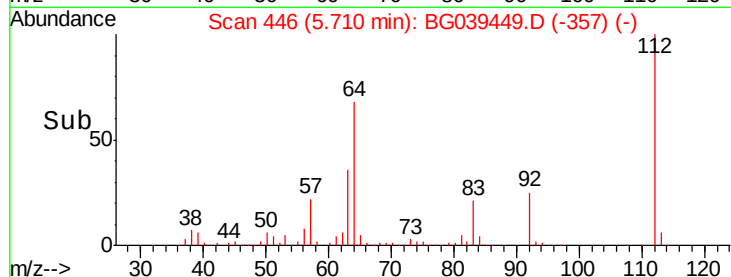
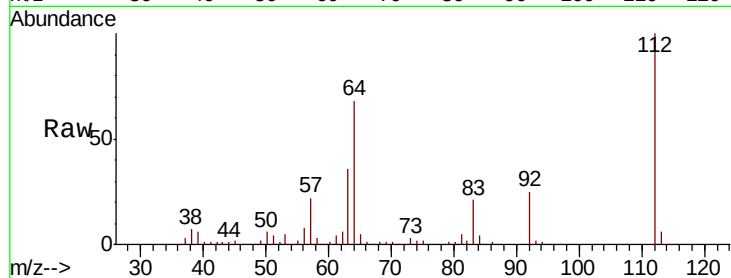
Instrument :

BNA_G

ClientSampleId :

PB116987BS

Tgt Ion:	112	Resp:	295611
Ion	Ratio	Lower	Upper
112	100		
64	67.7	57.8	86.8
63	36.3	29.8	44.6



#6

Aniline

Concen: 10.225 ng

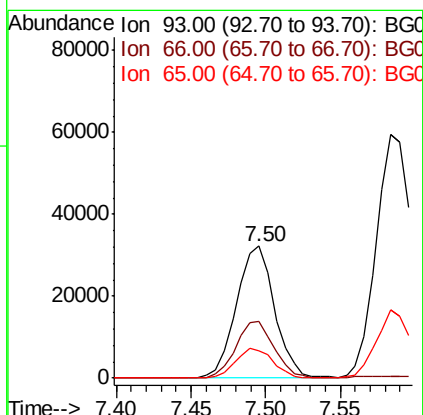
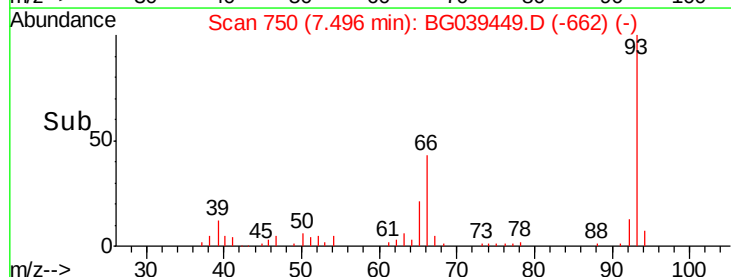
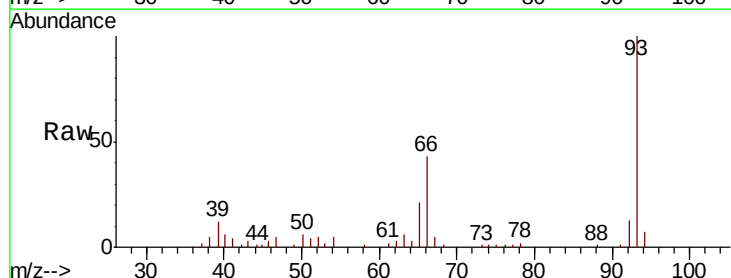
RT: 7.50 min Scan# 750

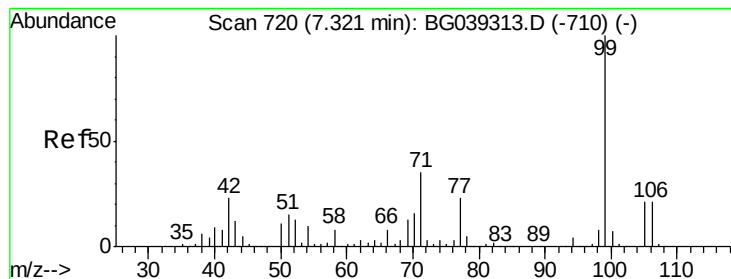
Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:	93	Resp:	57221
Ion	Ratio	Lower	Upper
93	100		
66	42.8	34.2	51.4
65	20.9	17.7	26.5





#7

Phenol-d6

Concen: 94.370 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

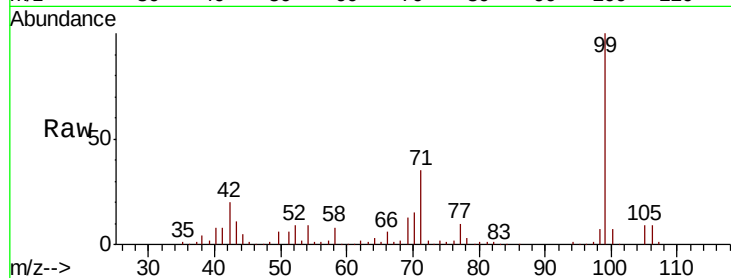
Tgt Ion: 99 Resp: 421613

Ion Ratio Lower Upper

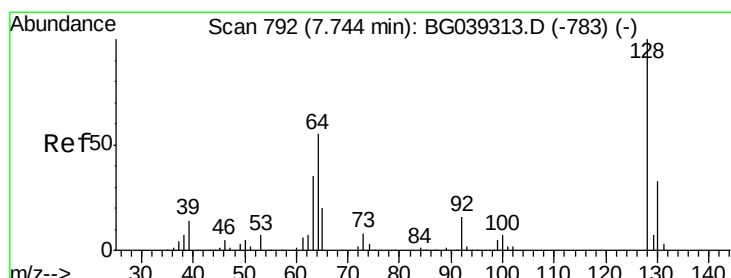
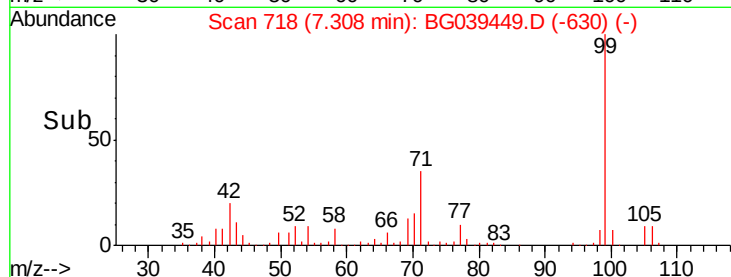
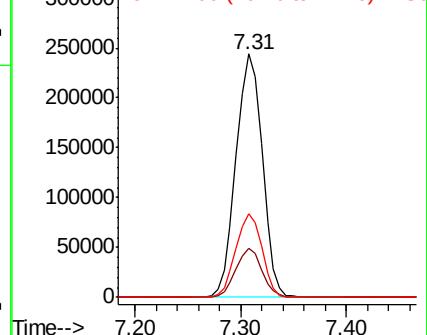
99 100

42 20.4 18.2 27.2

71 34.5 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: 32.245 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

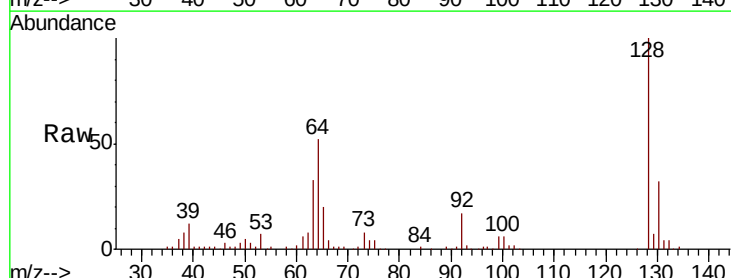
Tgt Ion: 128 Resp: 106981

Ion Ratio Lower Upper

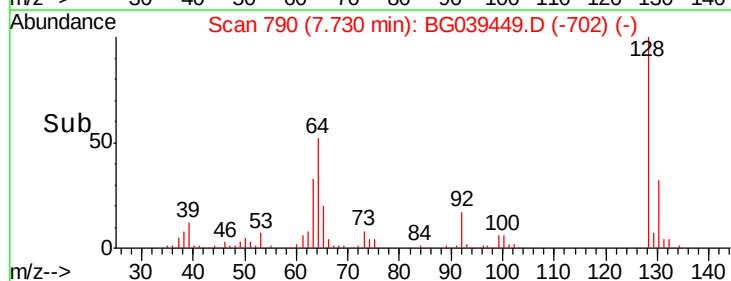
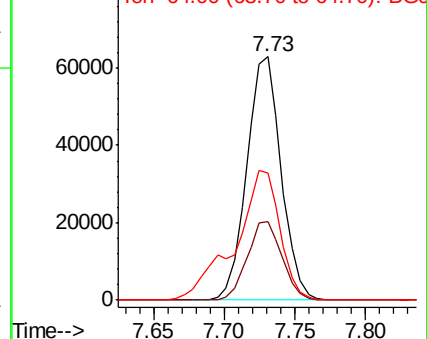
128 100

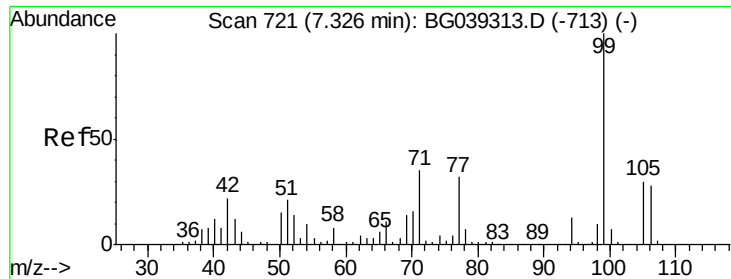
130 32.5 12.9 52.9

64 52.4 38.7 78.7



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





#9

Benzaldehyde

Concen: 16.090 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

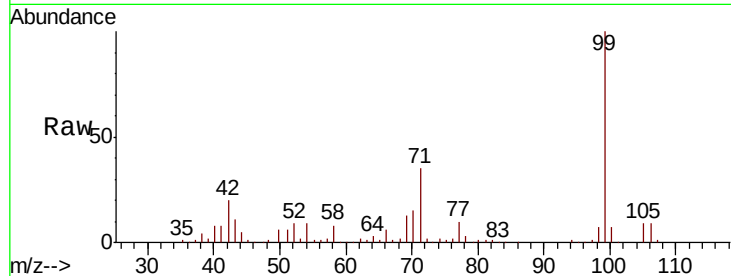
Tgt Ion: 77 Resp: 43772

Ion Ratio Lower Upper

77 100

105 92.1 74.5 114.5

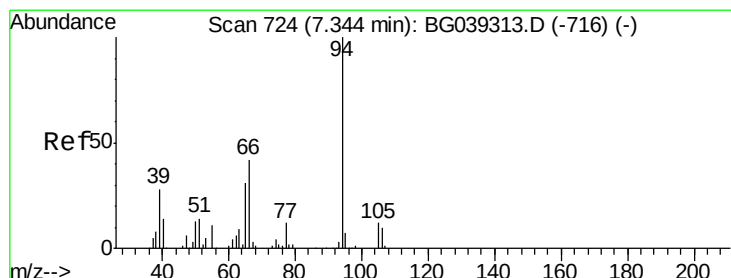
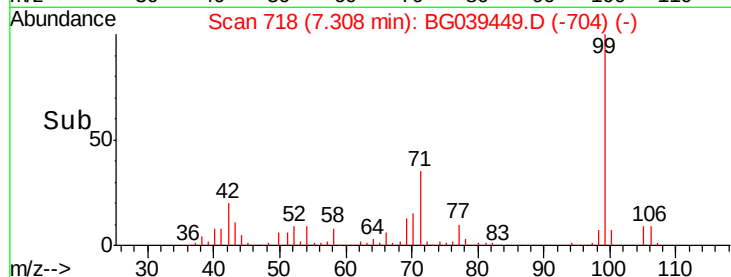
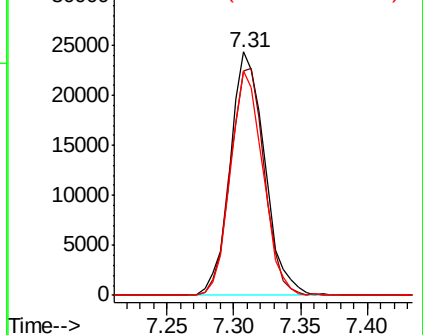
106 92.1 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 31.564 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

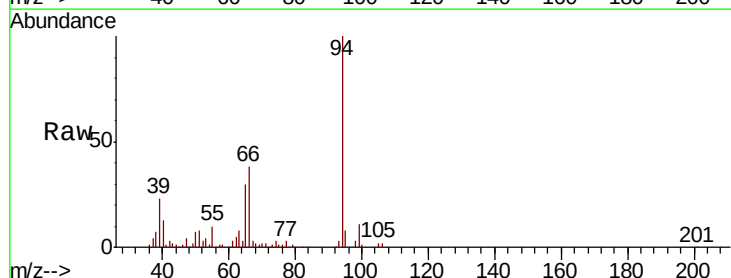
Tgt Ion: 94 Resp: 147002

Ion Ratio Lower Upper

94 100

65 30.4 11.7 51.7

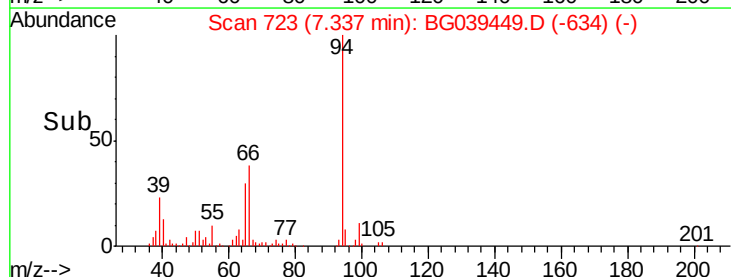
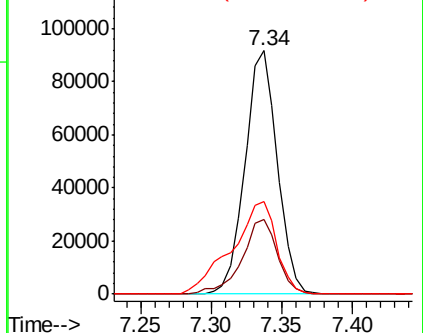
66 38.0 23.7 63.7

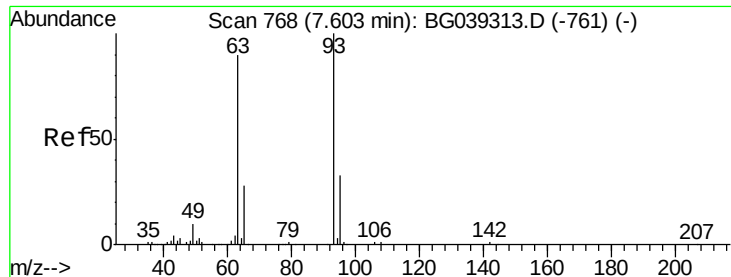


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 26.534 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

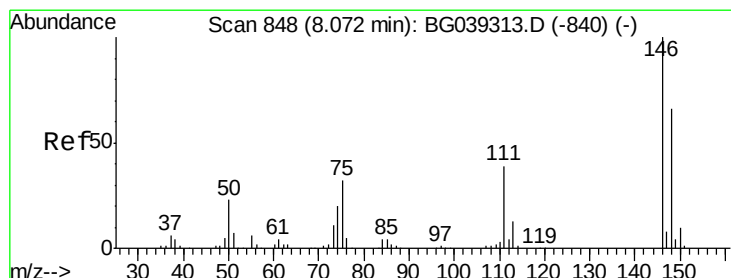
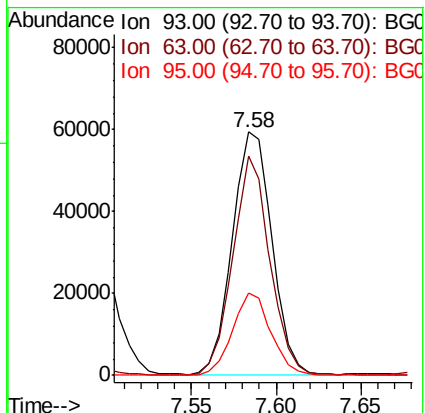
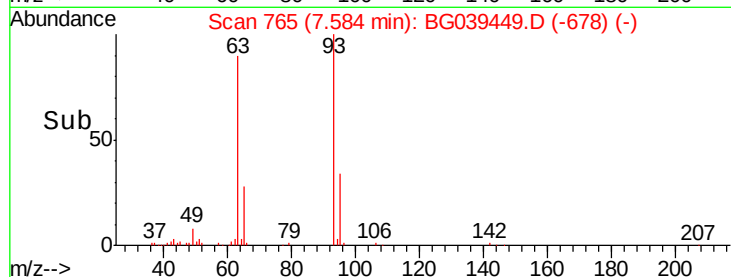
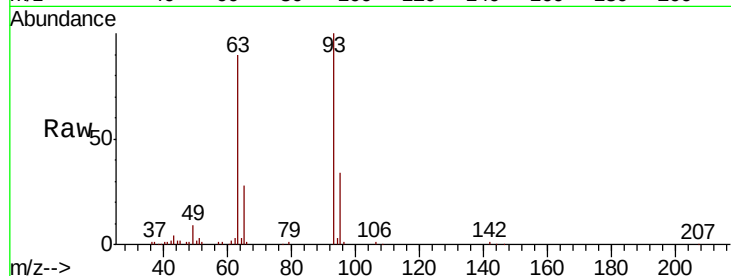
Tgt Ion: 93 Resp: 97645

Ion Ratio Lower Upper

93 100

63 89.8 69.5 109.5

95 33.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 25.091 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

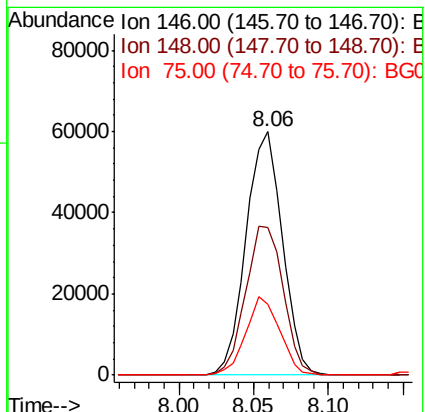
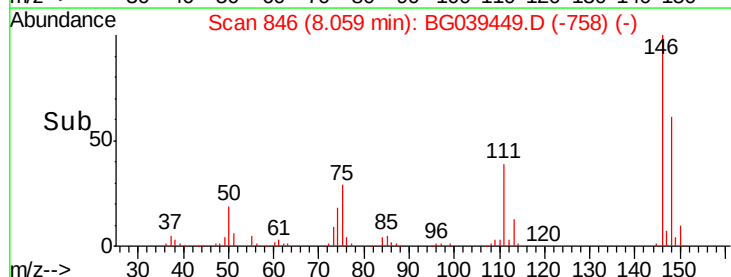
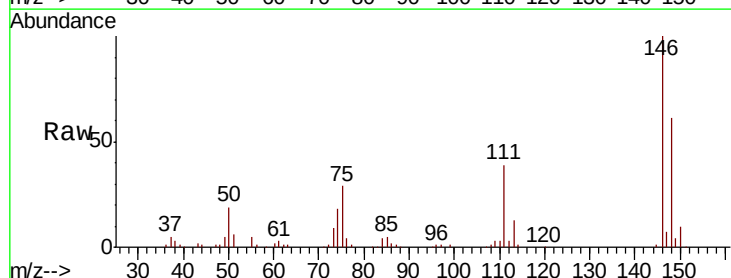
Tgt Ion: 146 Resp: 100845

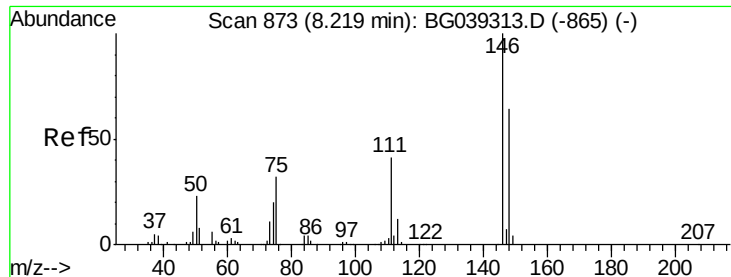
Ion Ratio Lower Upper

146 100

148 60.7 52.6 79.0

75 29.2 25.8 38.6

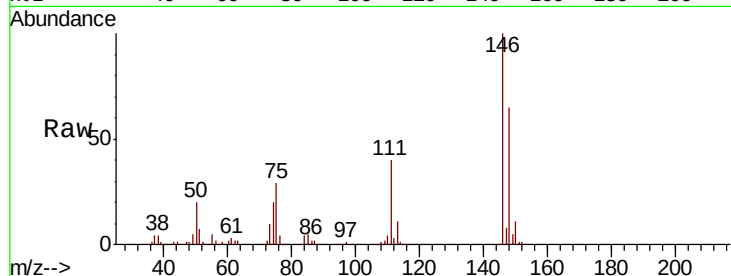




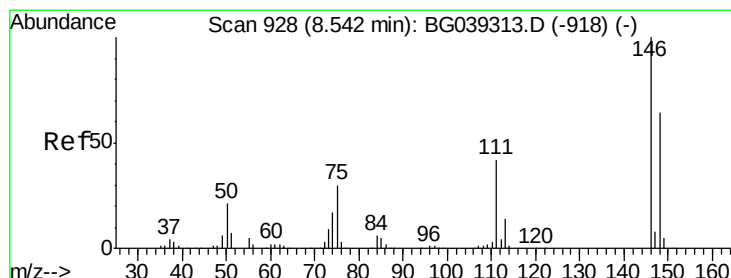
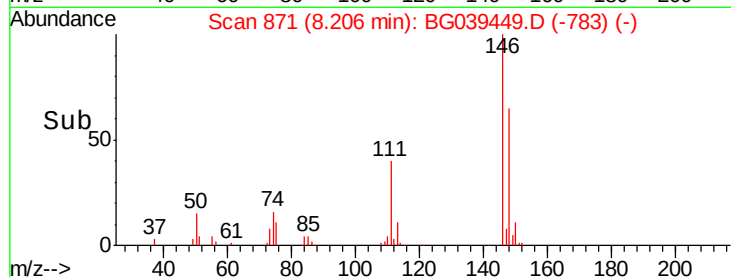
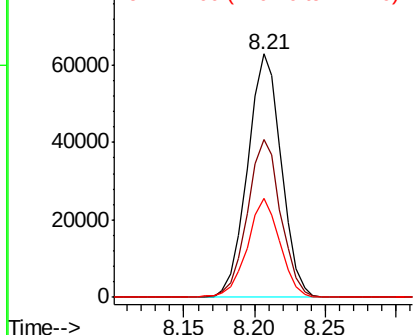
#13
 1,4-Dichlorobenzene
 Concen: 26.276 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tgt Ion:146 Resp: 105261
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 40.5 32.6 48.8

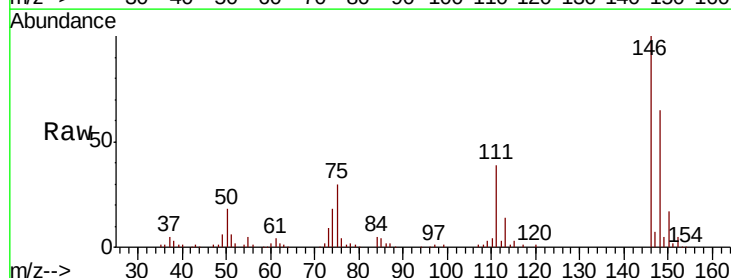


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

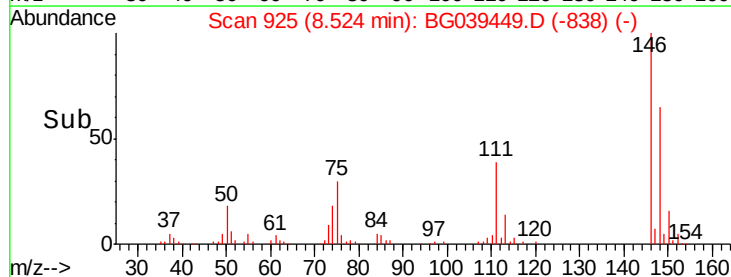
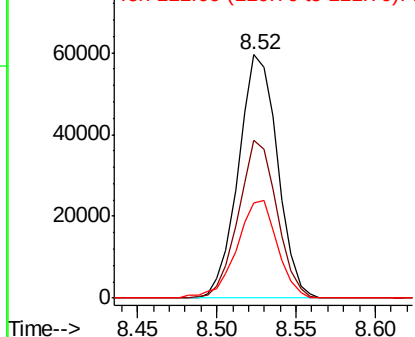


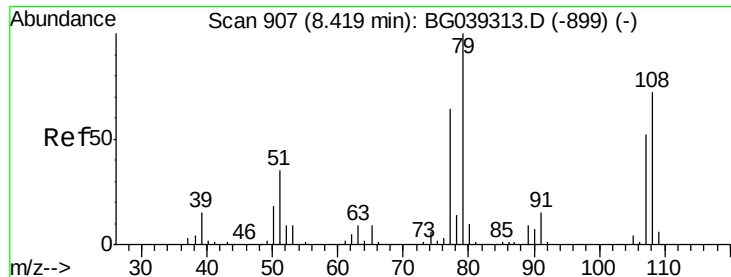
#14
 1,2-Dichlorobenzene
 Concen: 26.249 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion:146 Resp: 101796
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.5 77.3
 111 38.9 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: 28.371 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

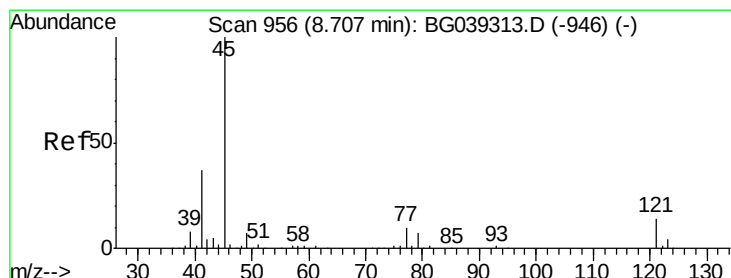
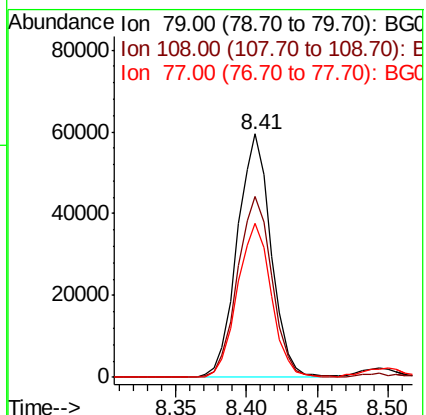
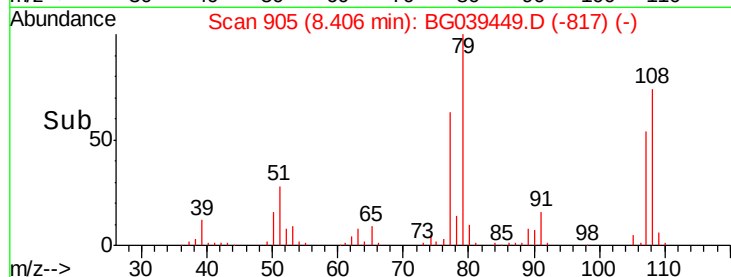
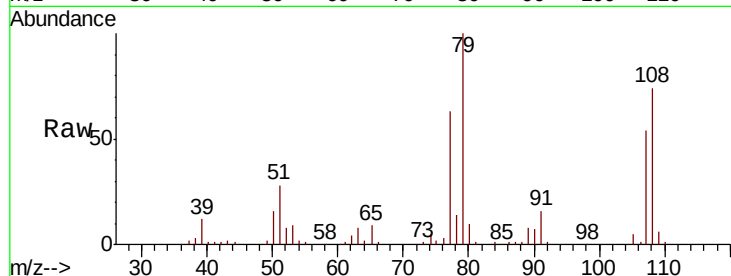
Tgt Ion: 79 Resp: 99510

Ion Ratio Lower Upper

79 100

108 74.3 57.8 86.6

77 63.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.333 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

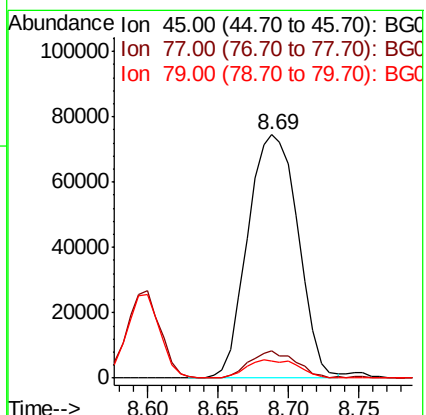
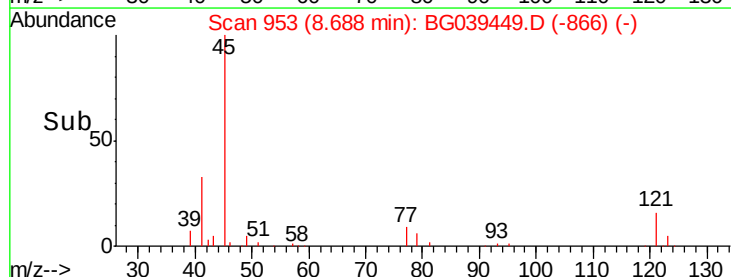
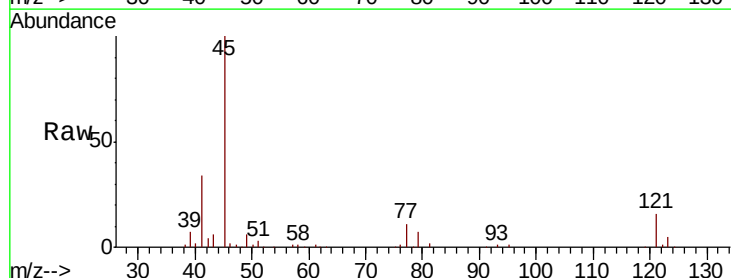
Tgt Ion: 45 Resp: 185601

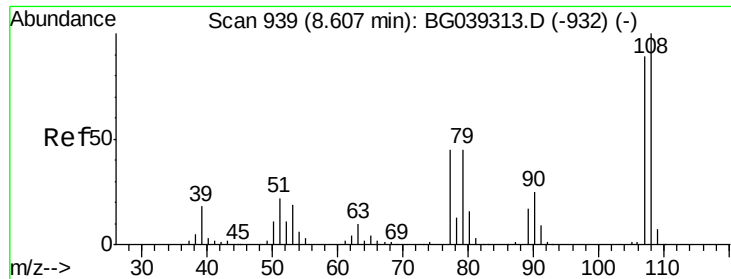
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.0

79 7.2 0.0 27.5

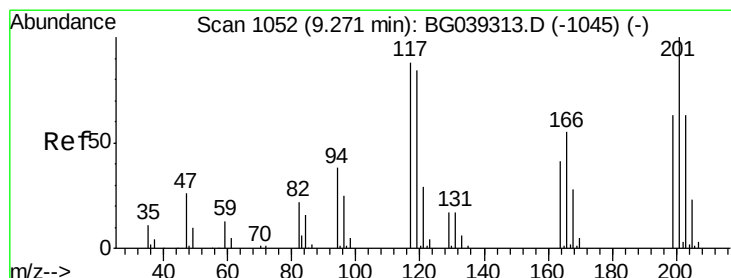
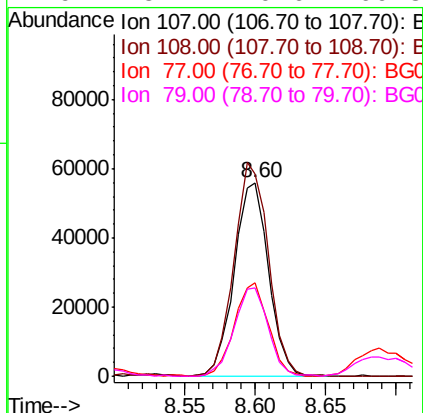
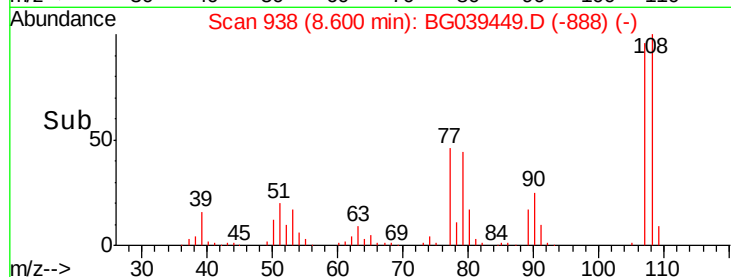
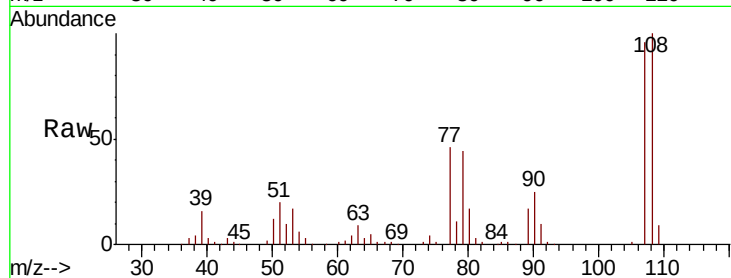




#17
2-Methylphenol
Concen: 31.560 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

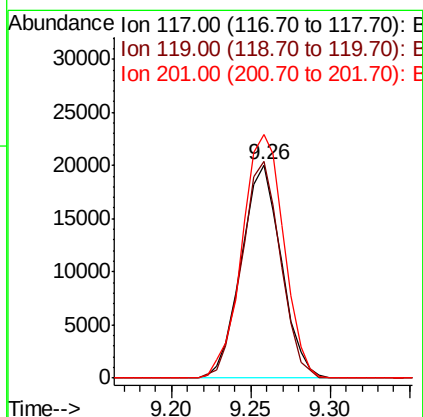
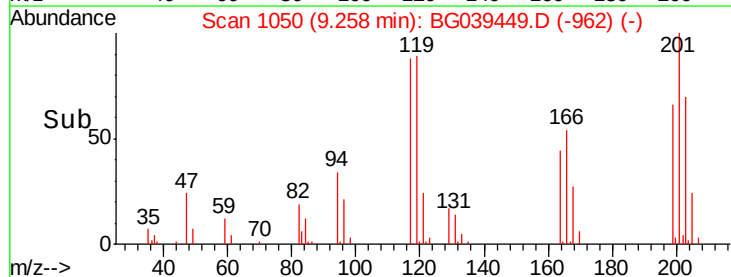
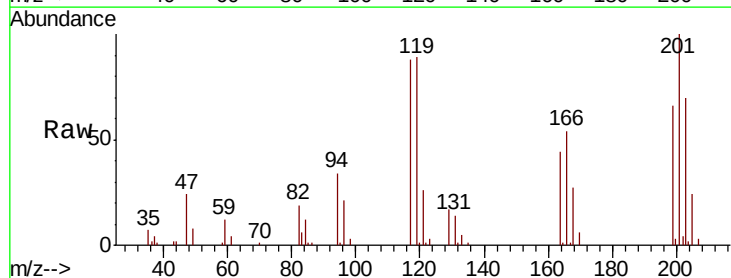
Instrument :
BNA_G
ClientSampleId :
PB116987BS

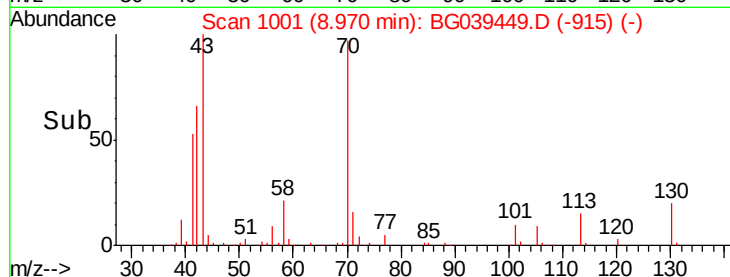
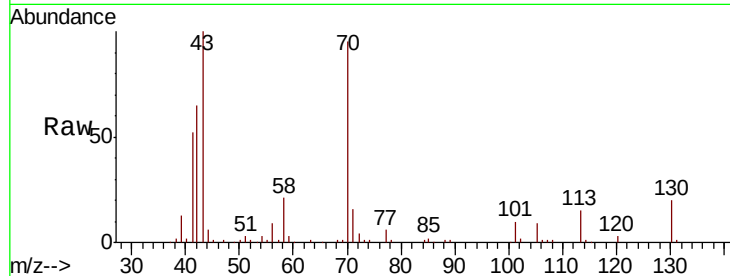
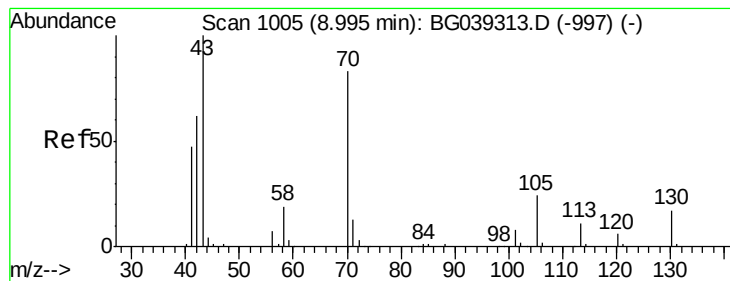
Tgt Ion:107 Resp: 95115
Ion Ratio Lower Upper
107 100
108 104.2 90.8 136.2
77 47.9 40.7 61.1
79 45.7 40.6 60.8



#18
Hexachloroethane
Concen: 25.520 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion:117 Resp: 35172
Ion Ratio Lower Upper
117 100
119 101.5 76.3 114.5
201 114.1 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 25.599 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

Tgt Ion: 70 Resp: 81175

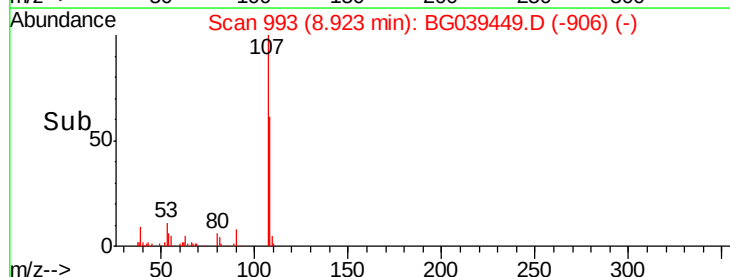
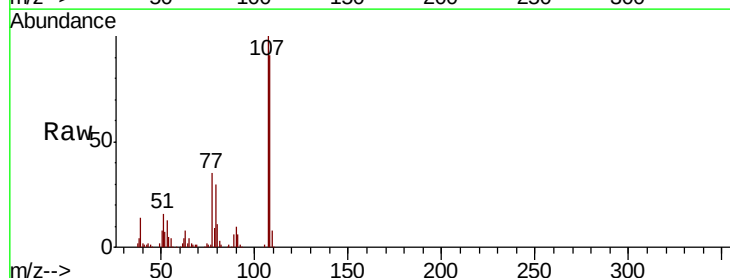
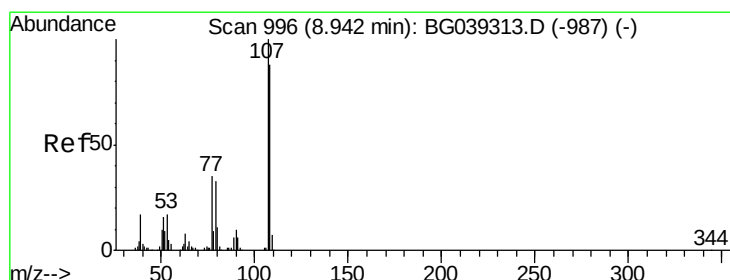
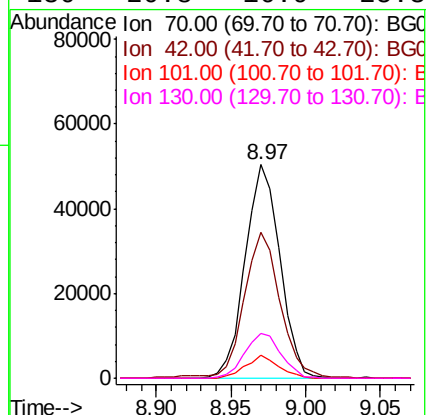
Ion Ratio Lower Upper

70 100

42 68.6 60.4 90.6

101 10.7 7.5 11.3

130 20.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 31.437 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion: 107 Resp: 130468

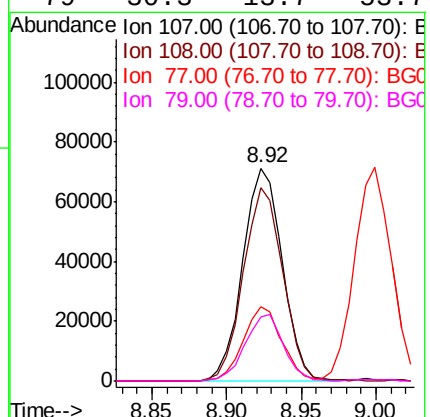
Ion Ratio Lower Upper

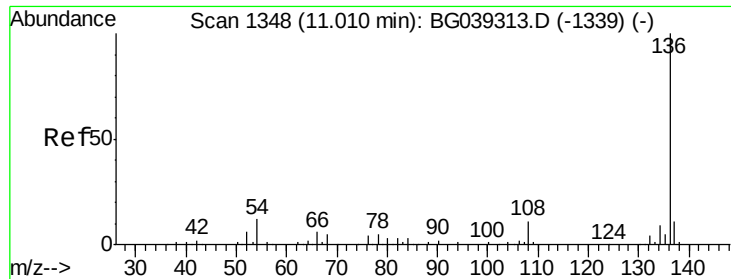
107 100

108 91.0 67.9 107.9

77 35.0 15.4 55.4

79 30.3 13.7 53.7

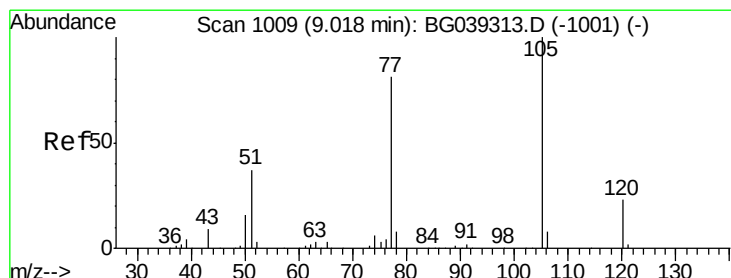
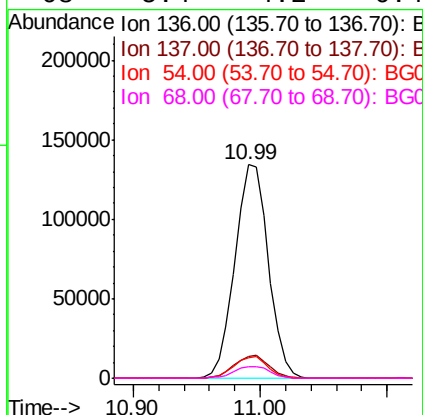
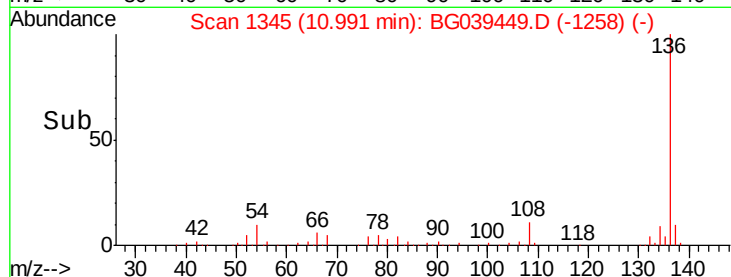
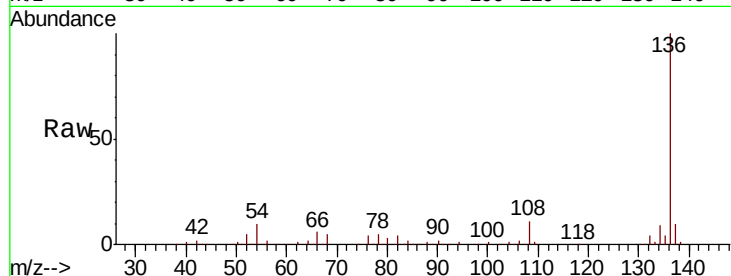




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

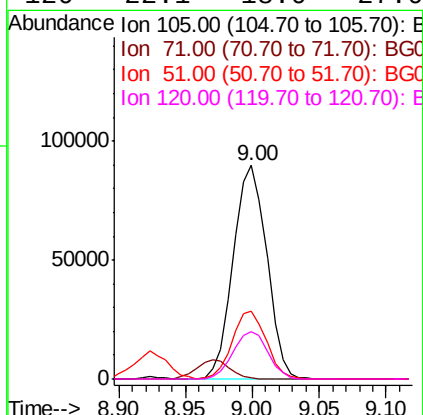
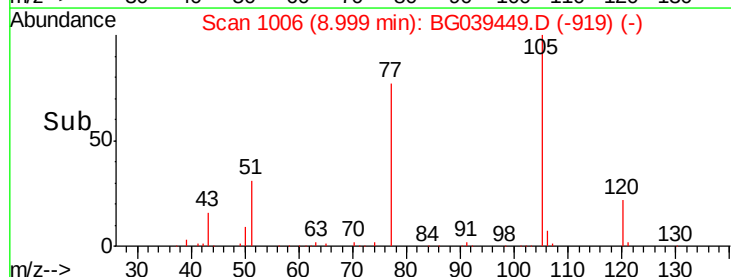
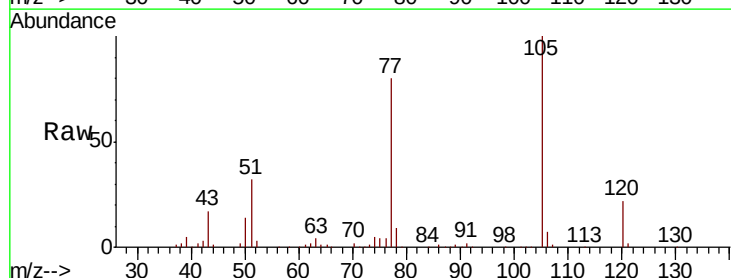
Instrument :
BNA_G
ClientSampleId :
PB116987BS

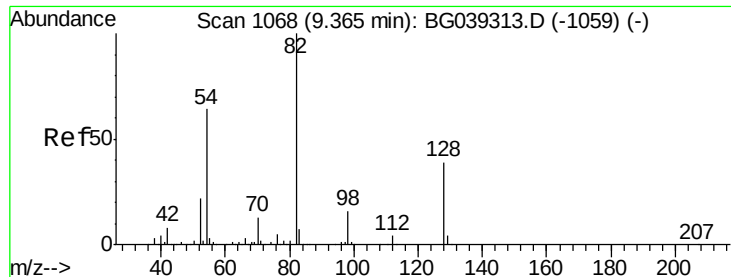
Tgt Ion:	136	Resp:	245209
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	9.7	9.4	14.2
68	5.4	4.2	6.4



#22
Acetophenone
Concen: 23.829 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion:	105	Resp:	156952
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	31.8	30.2	45.2
120	22.1	18.0	27.0

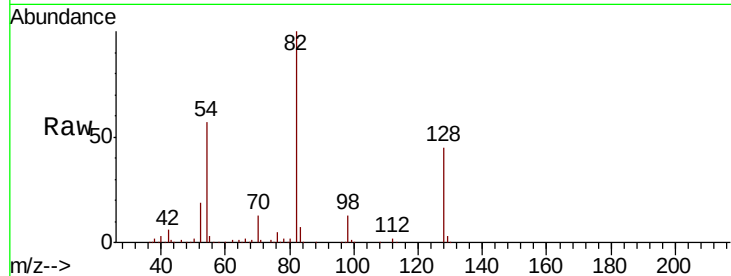




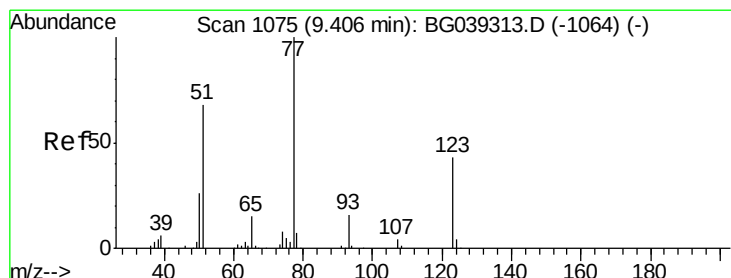
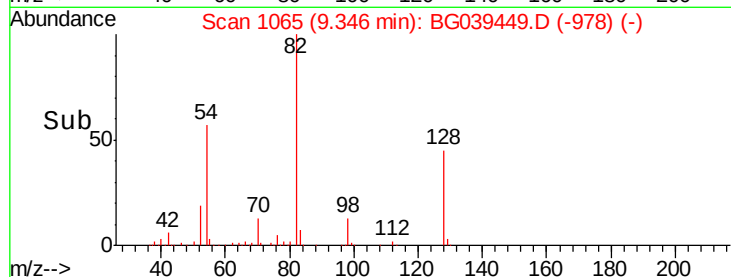
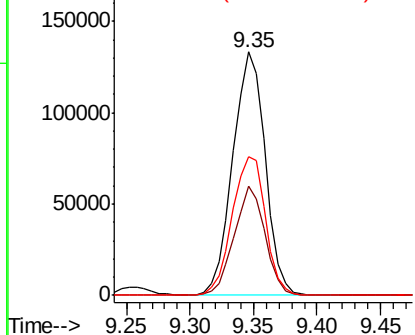
#23
 Nitrobenzene-d5
 Concen: 60.138 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	31.3	46.9
54	56.9	50.9	76.3

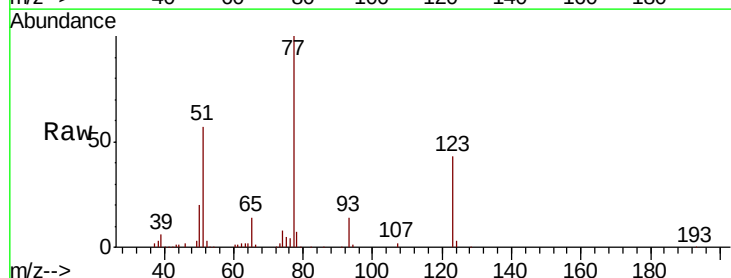


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

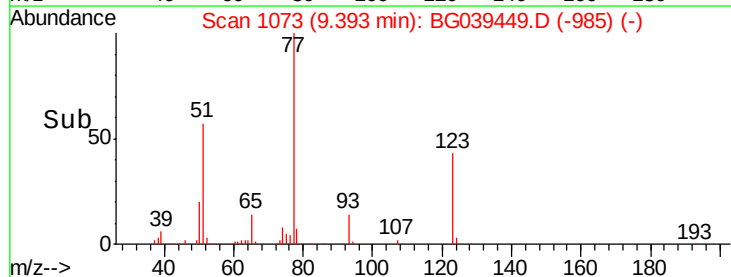
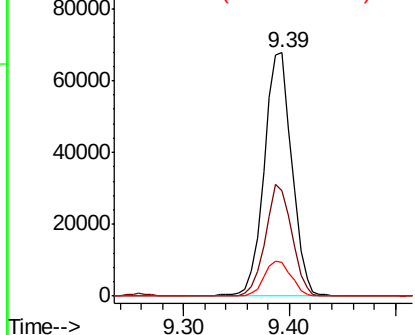


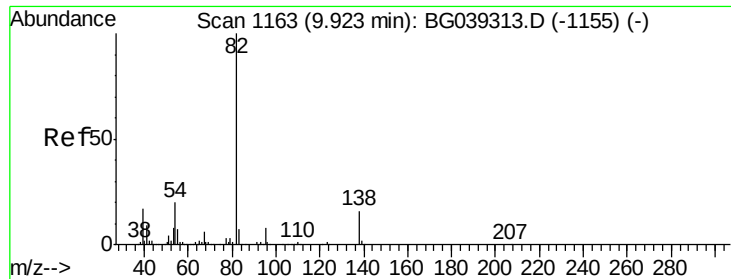
#24
 Nitrobenzene
 Concen: 28.939 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.1	51.1
65	14.0	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

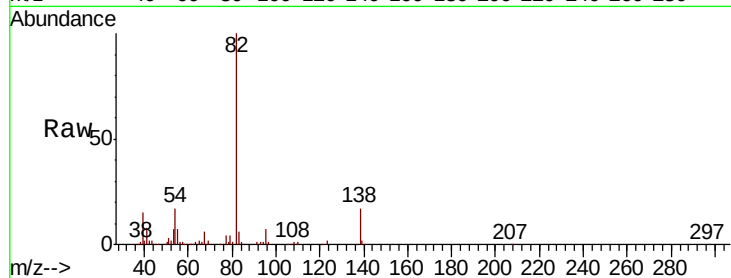




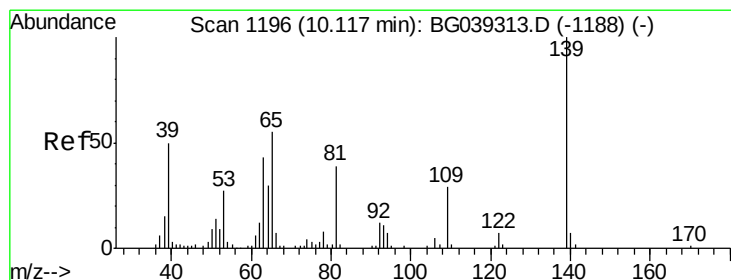
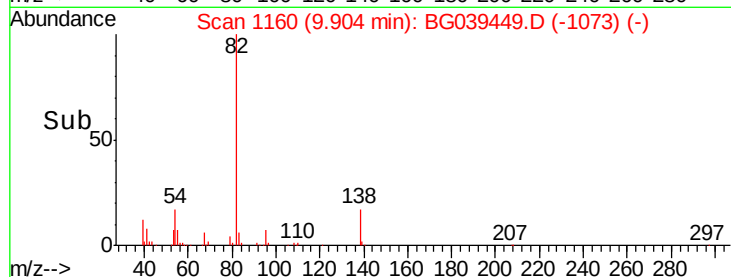
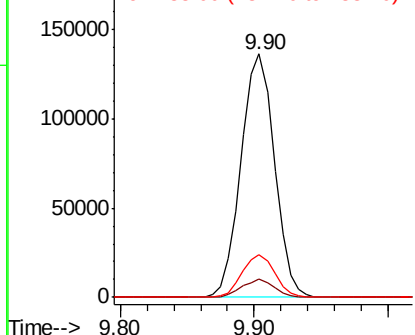
#25
Isophorone
Concen: 27.225 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tgt Ion: 82 Resp: 236808
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 17.4 13.0 19.4

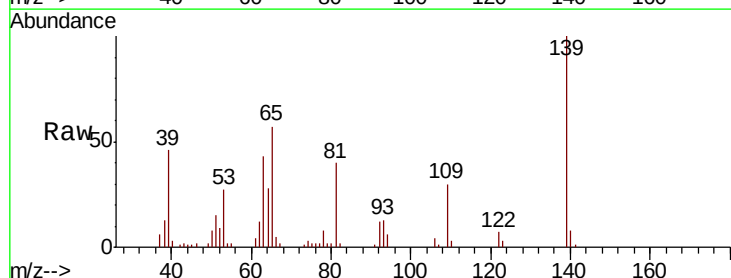


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

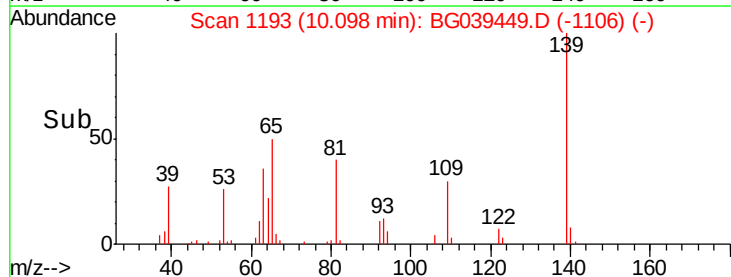
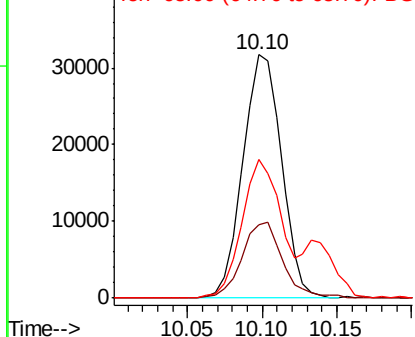


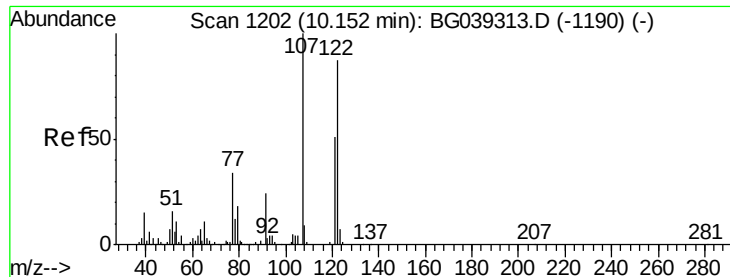
#26
2-Nitrophenol
Concen: 37.342 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion: 139 Resp: 56884
Ion Ratio Lower Upper
139 100
109 30.0 23.4 35.0
65 56.8 44.3 66.5



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

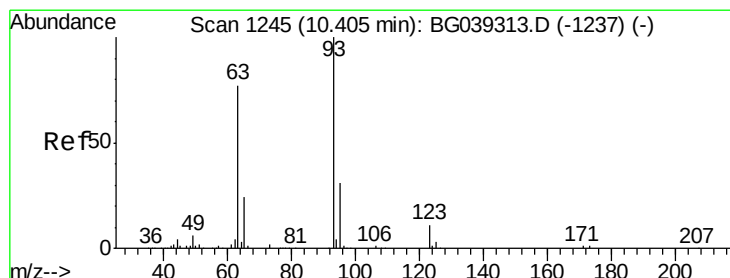
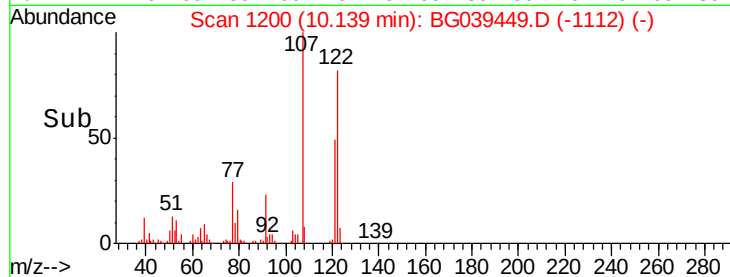
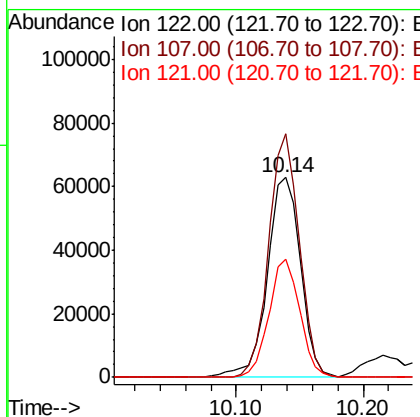
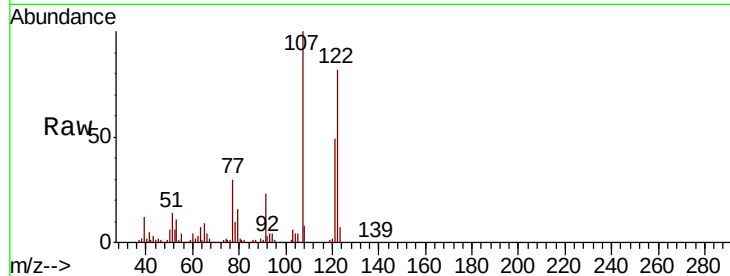




#27
 2,4-Dimethylphenol
 Concen: 32.352 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

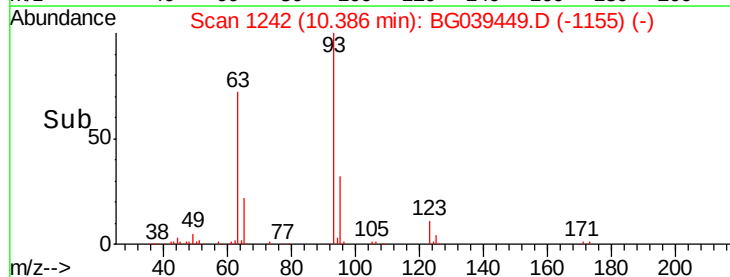
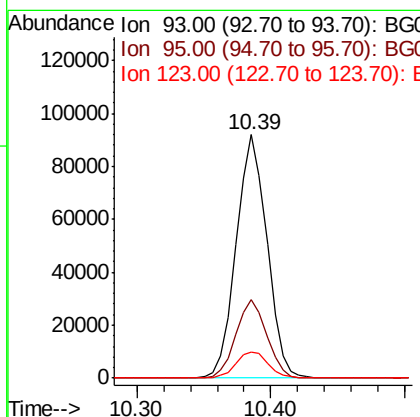
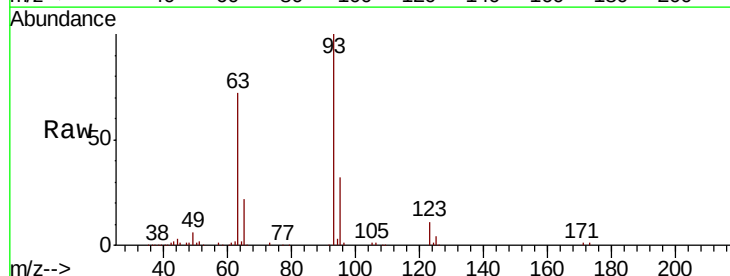
Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

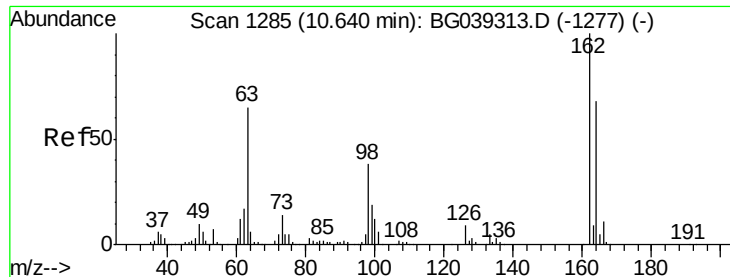
Tgt Ion: 122 Resp: 113833
 Ion Ratio Lower Upper
 122 100
 107 121.7 91.7 137.5
 121 59.0 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.339 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion: 93 Resp: 146467
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.0 37.4
 123 10.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 31.056 ng

RT: 10.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

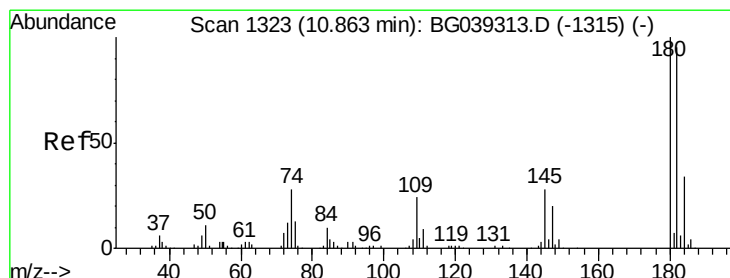
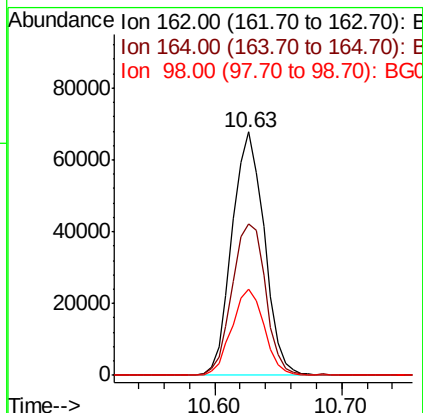
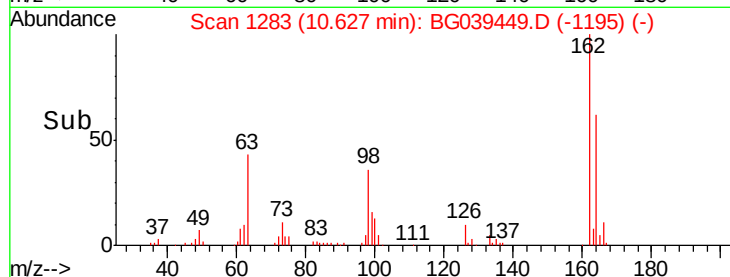
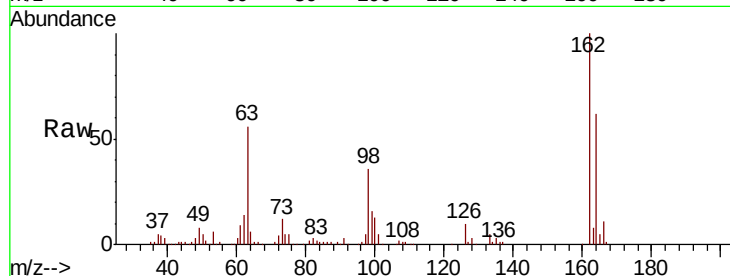
Tgt Ion:162 Resp: 119429

Ion Ratio Lower Upper

162 100

164 62.3 48.1 88.1

98 35.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 26.589 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

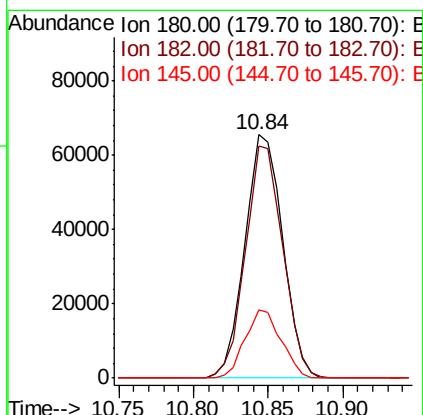
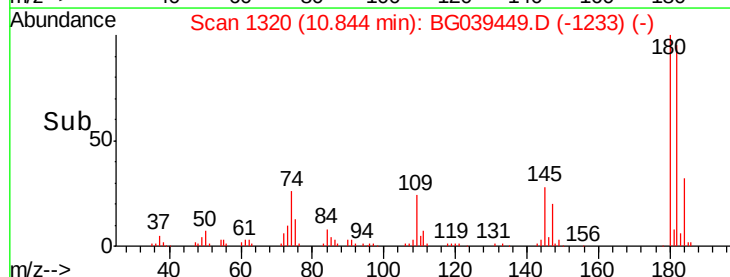
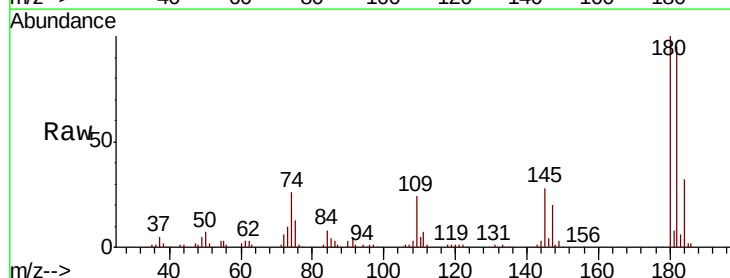
Tgt Ion:180 Resp: 114795

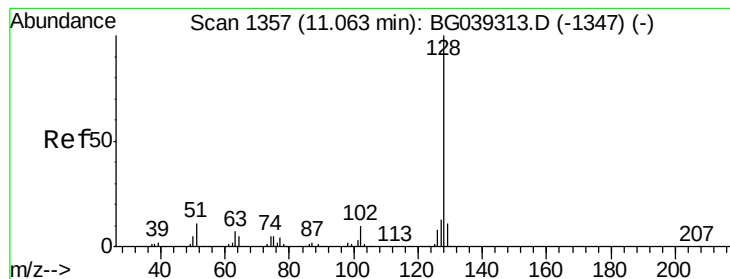
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 27.8 22.7 34.1

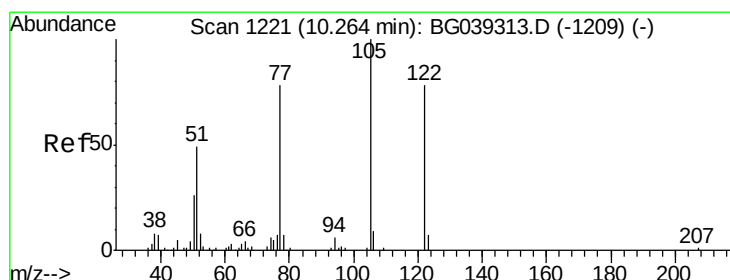
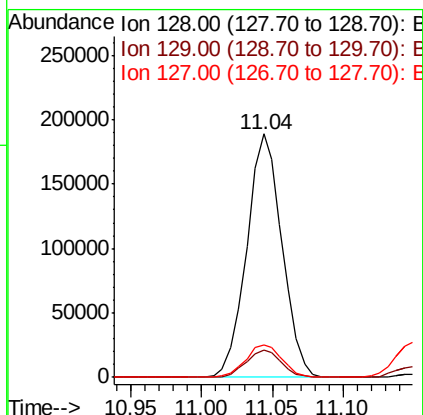
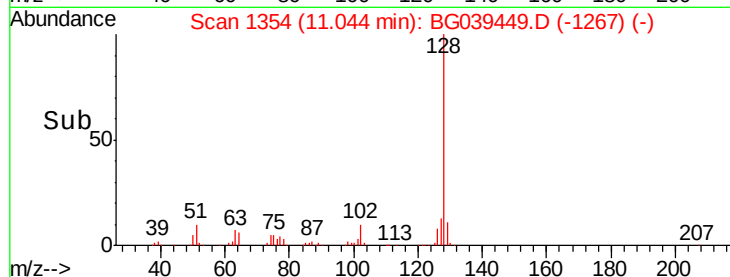
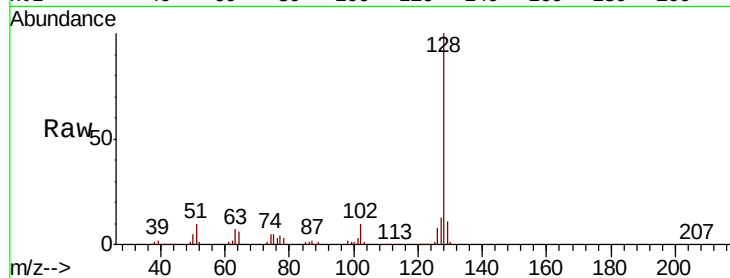




#31
Naphthalene
Concen: 27.116 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

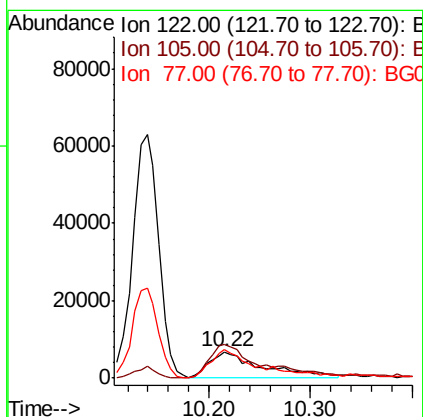
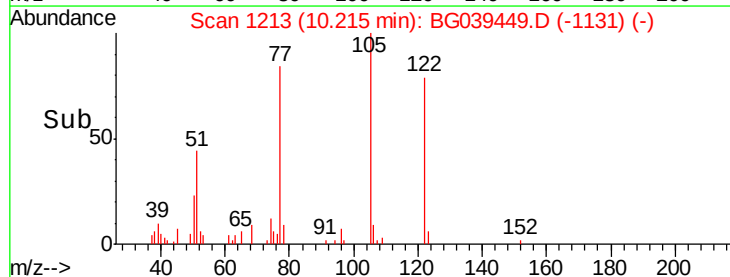
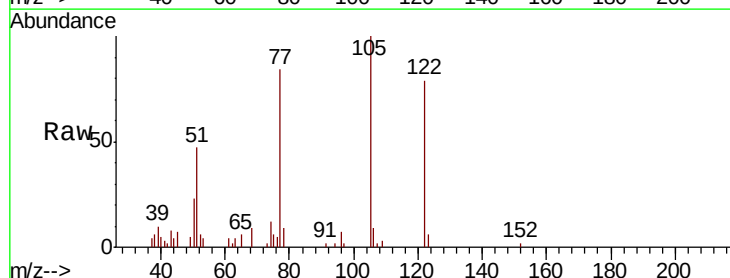
Instrument :
BNA_G
ClientSampleId :
PB116987BS

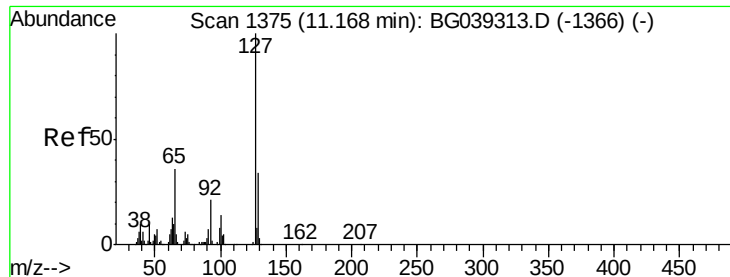
Tgt Ion:128 Resp: 329854
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 17.268 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion:122 Resp: 23399
Ion Ratio Lower Upper
122 100
105 127.0 101.8 141.8
77 106.9 76.3 116.3

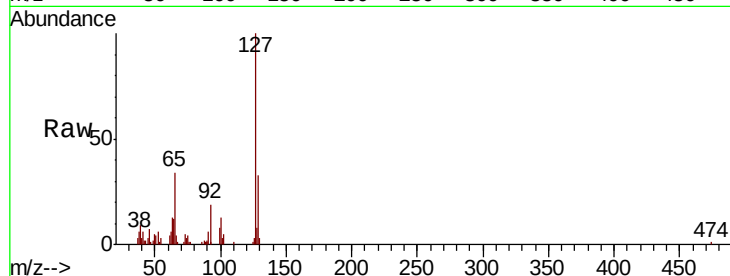




#33
 4-Chloroaniline
 Concen: 9.255 ng
 RT: 11.15 min Scan# 1372
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tgt Ion:	127	Resp:	52204
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	34.3	28.8	43.2
92	19.3	16.6	25.0



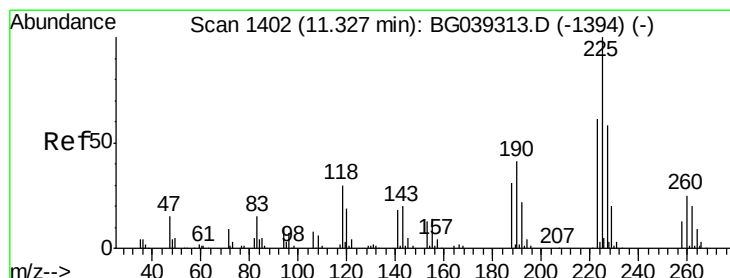
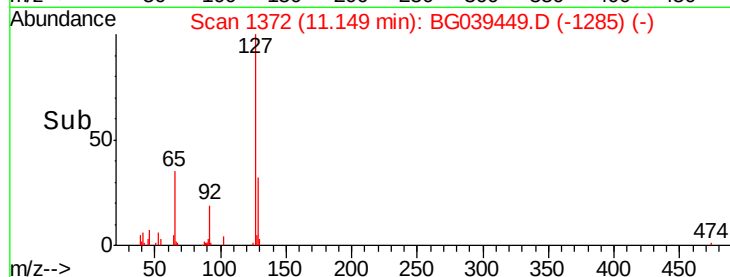
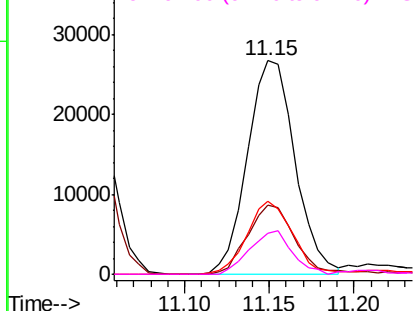
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

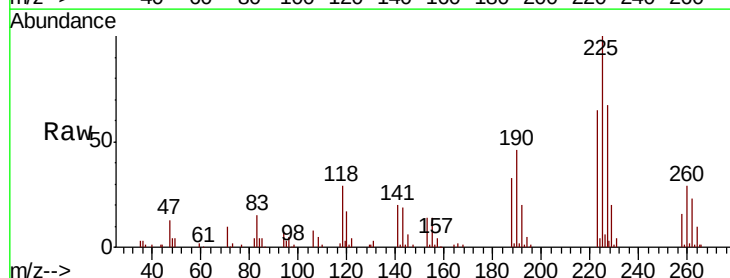
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
 Hexachlorobutadiene
 Concen: 24.636 ng
 RT: 11.31 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion:	225	Resp:	70735
Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.0	73.6
227	67.5	46.3	69.5

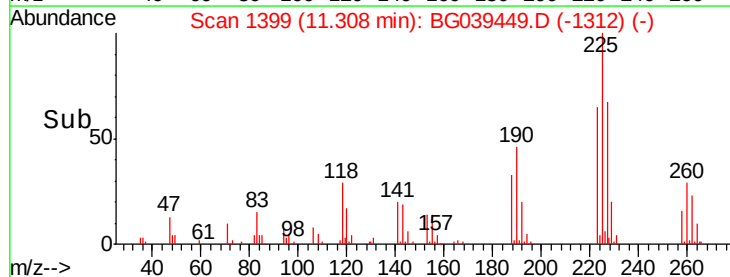
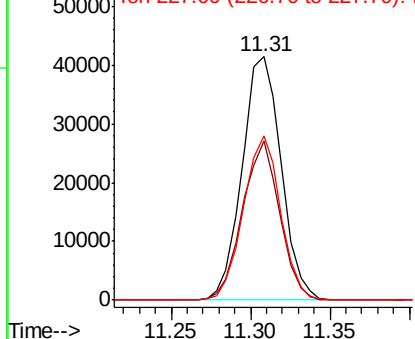


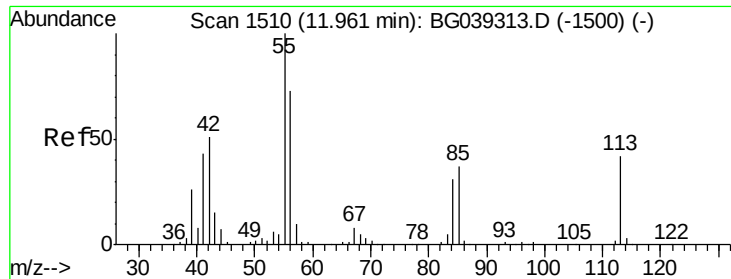
Abundance

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

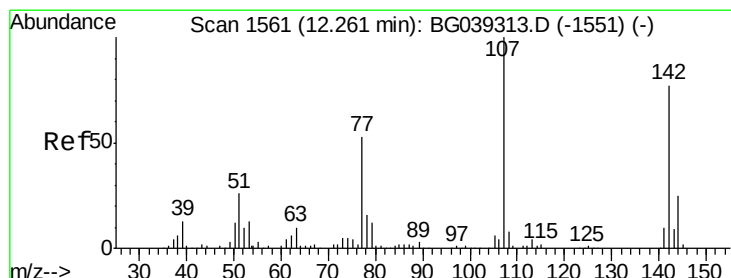
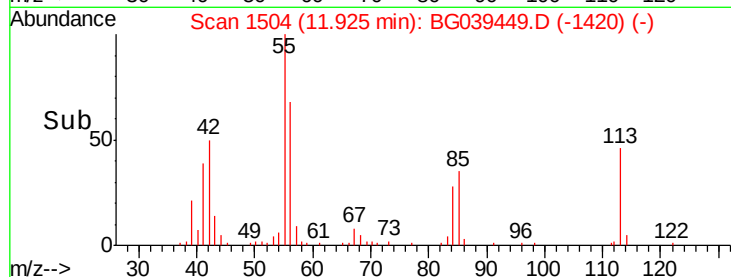
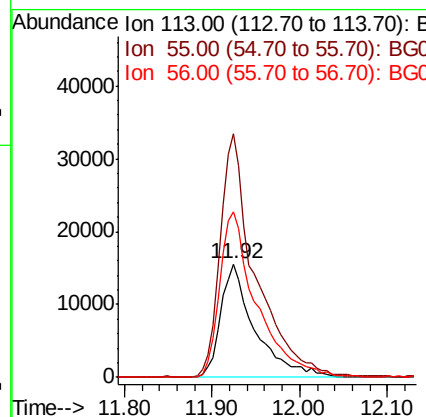
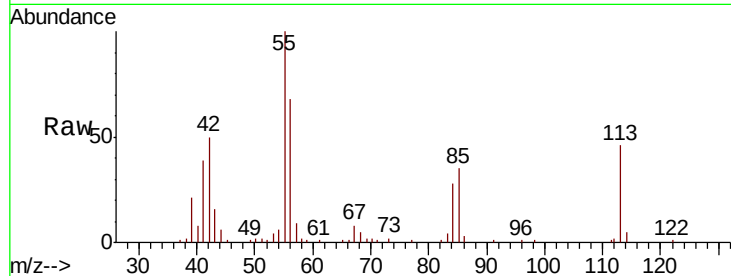




#35
 Caprolactam
 Concen: 26.298 ng
 RT: 11.92 min Scan# 1504
 Delta R.T. -0.04 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

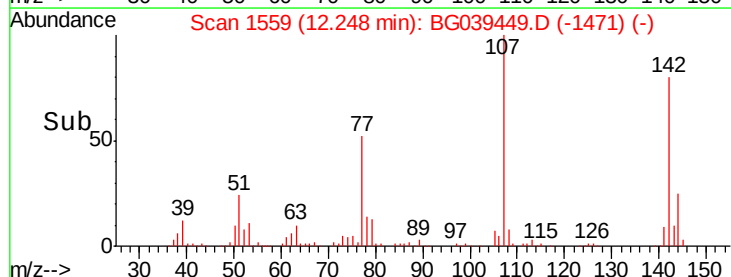
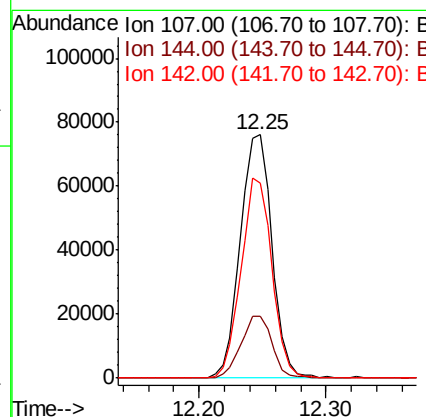
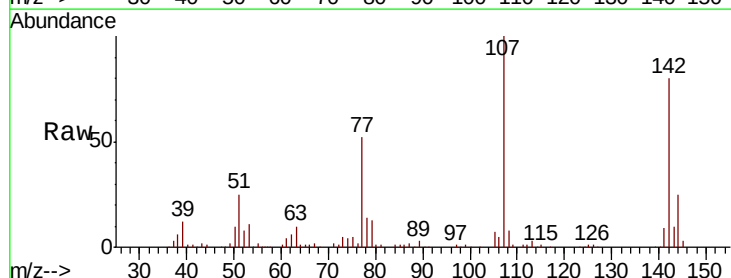
Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

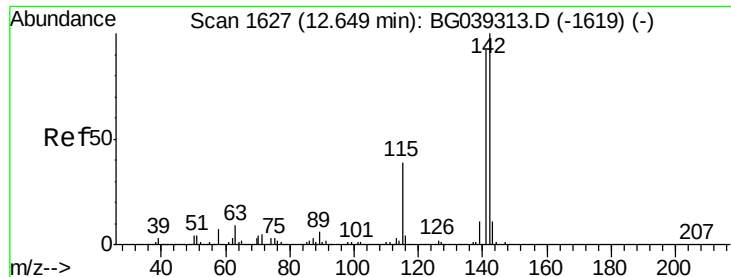
Tgt Ion:113 Resp: 41848
 Ion Ratio Lower Upper
 113 100
 55 215.4 216.9 256.9#
 56 146.2 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 29.664 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion:107 Resp: 131926
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 79.9 61.4 92.2

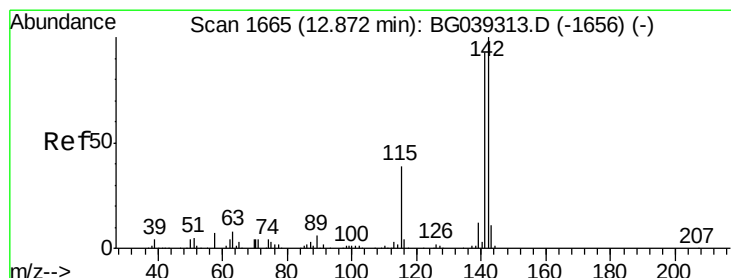
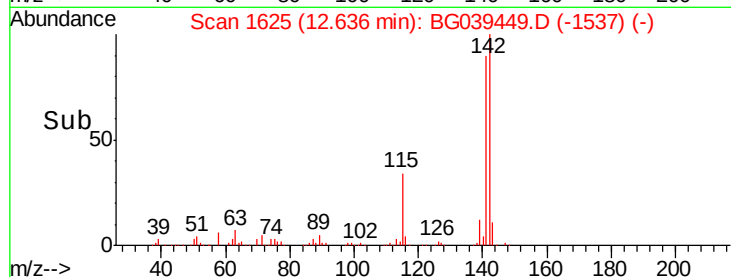
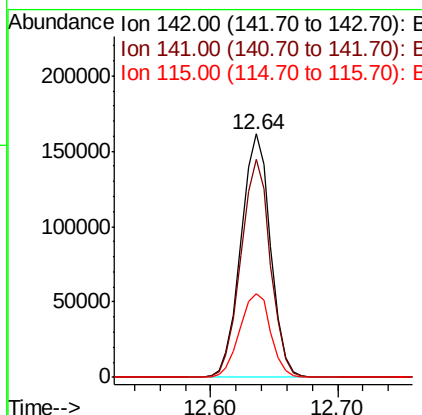
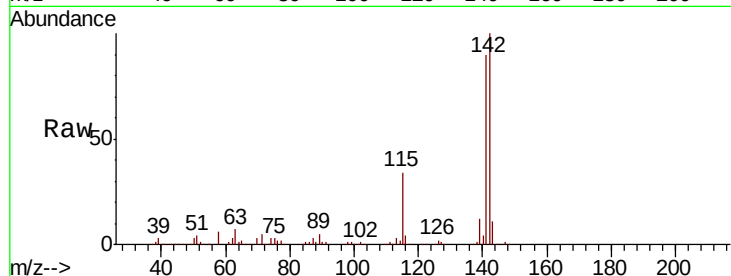




#37
 2-Methylnaphthalene
 Concen: 29.023 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

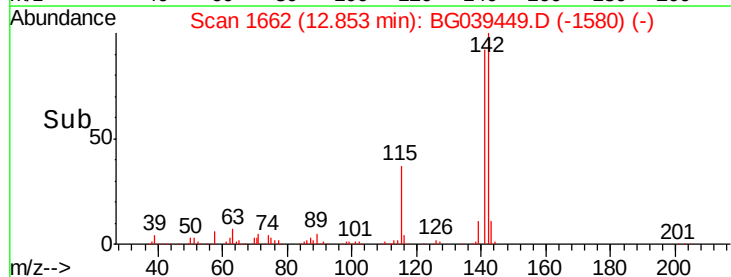
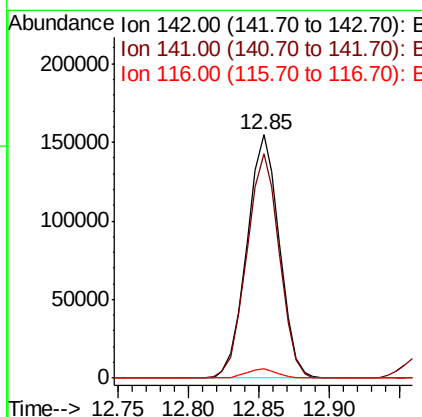
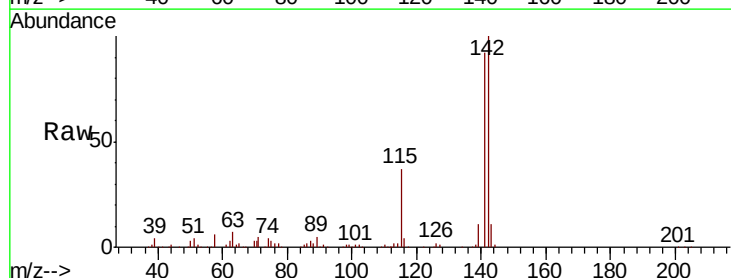
Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

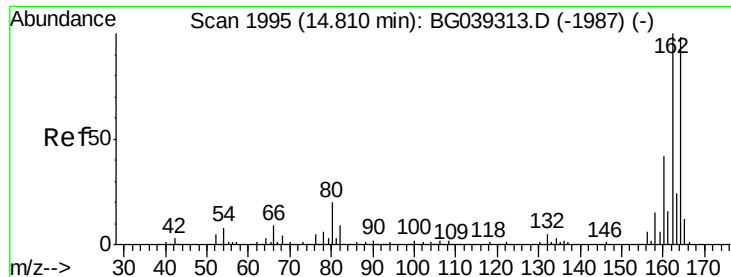
Tgt Ion:142 Resp: 261495
 Ion Ratio Lower Upper
 142 100
 141 89.7 73.5 110.3
 115 34.4 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 28.776 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion:142 Resp: 249923
 Ion Ratio Lower Upper
 142 100
 141 92.1 74.2 111.4
 116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

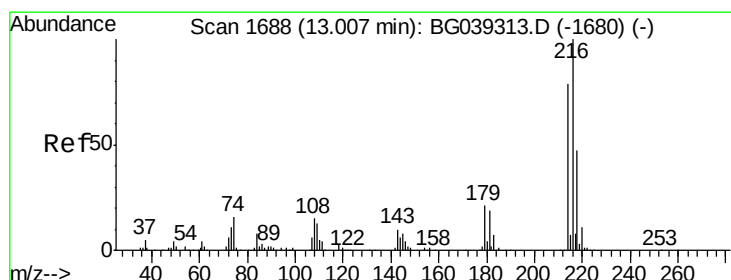
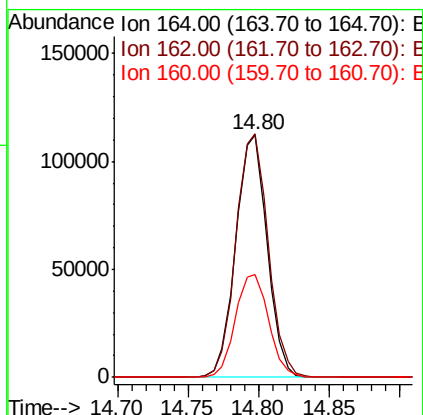
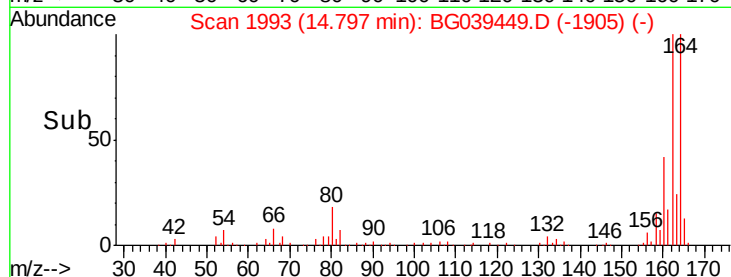
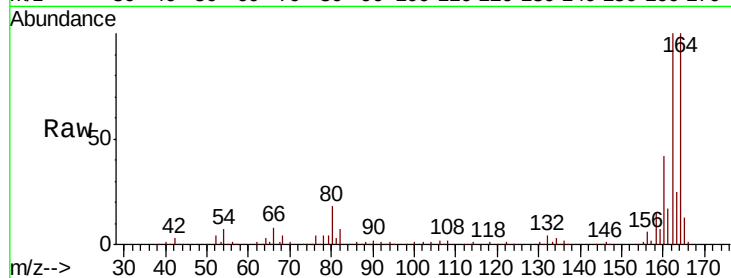
Tgt Ion:164 Resp: 173699

Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

160 42.6 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 25.869 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:216 Resp: 142967

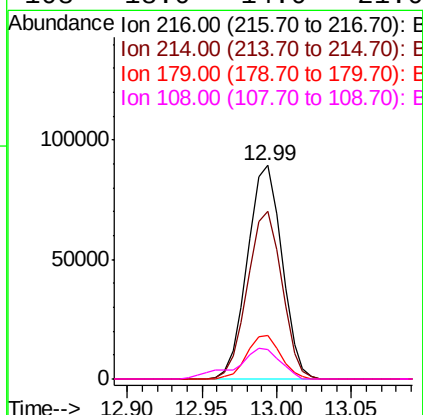
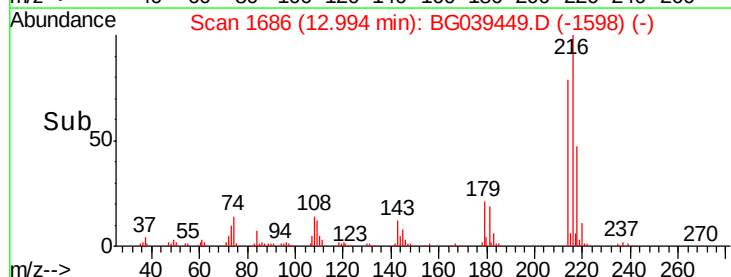
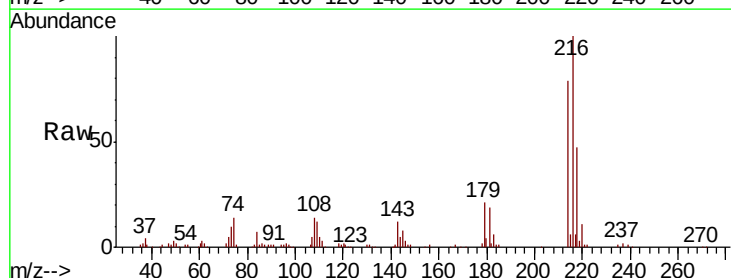
Ion Ratio Lower Upper

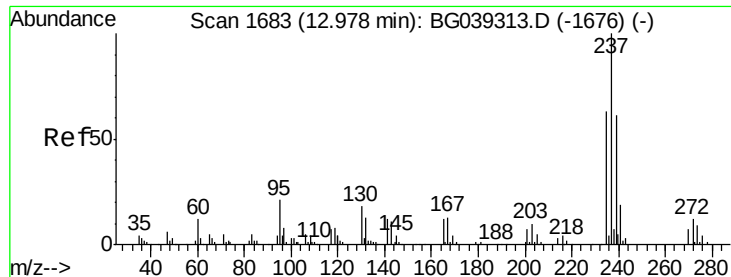
216 100

214 78.5 62.6 94.0

179 20.0 16.6 25.0

108 18.0 14.0 21.0

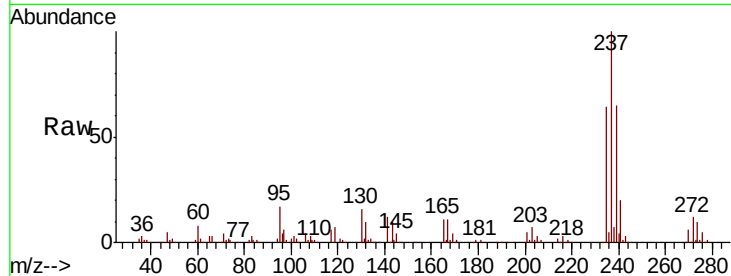




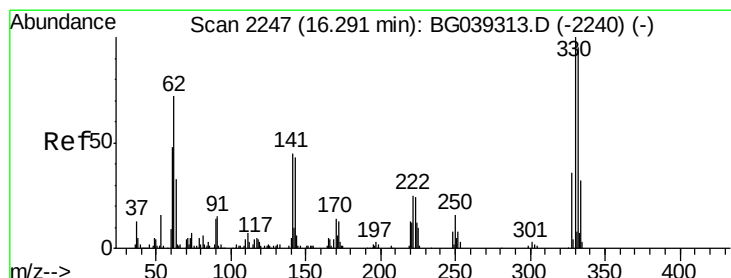
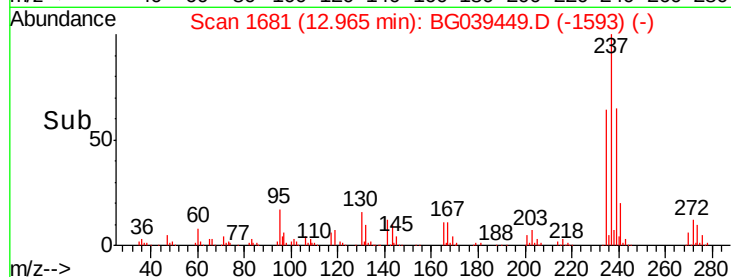
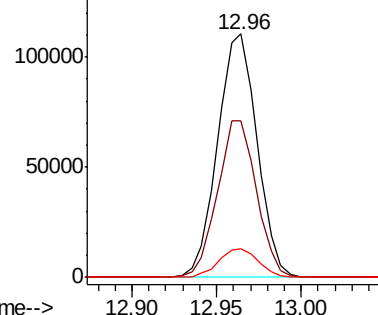
#41
Hexachlorocyclopentadiene
Concen: 59.477 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tgt Ion: 237 Resp: 179116
Ion Ratio Lower Upper
237 100
235 64.2 43.3 83.3
272 11.6 0.0 32.3

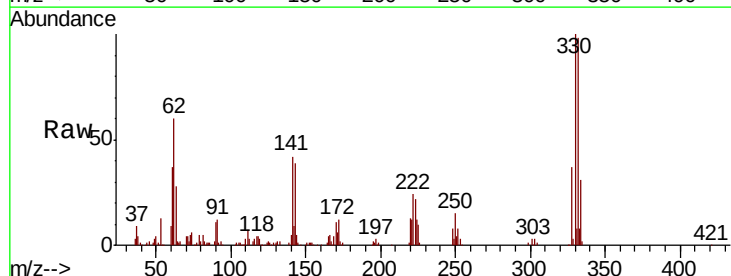


Abundance Ion 236.80 (236.50 to 237.50): E
150000 Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

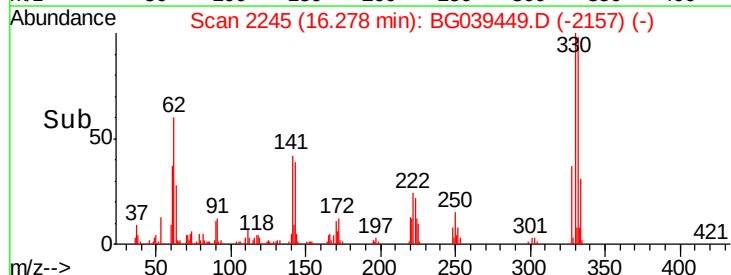
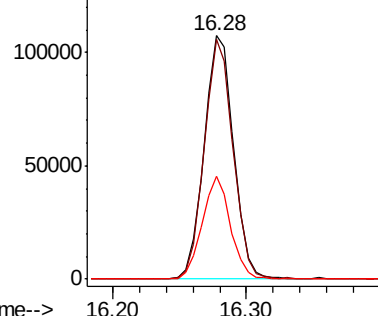


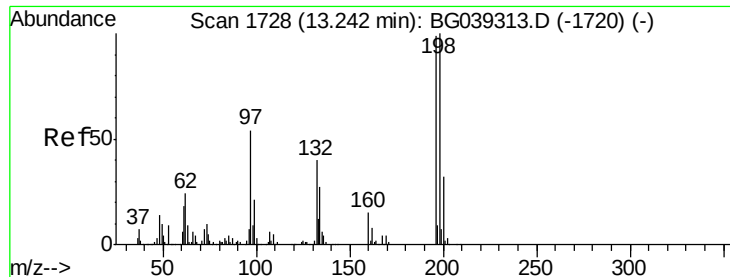
#42
2,4,6-Tribromophenol
Concen: 88.288 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion: 330 Resp: 165137
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 40.5 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E
150000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

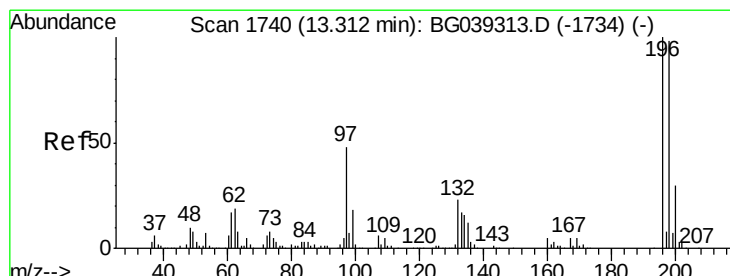
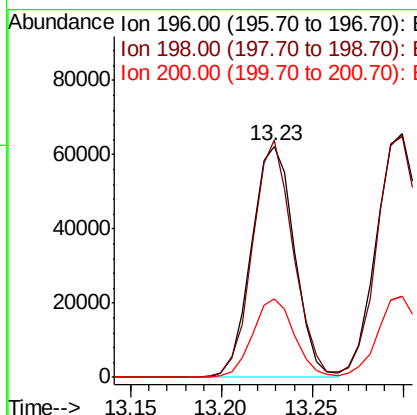
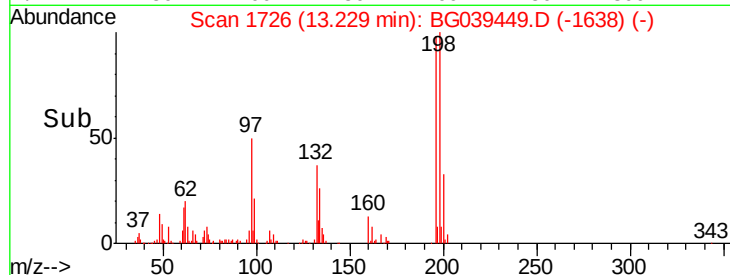
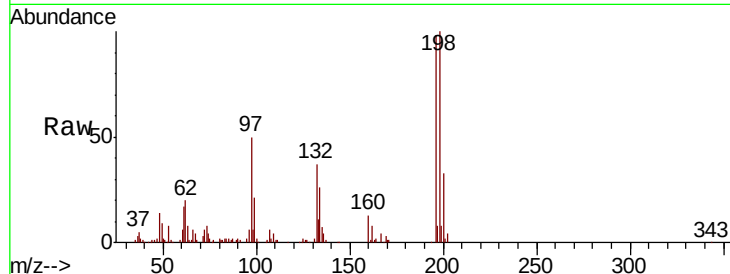




#43
 2,4,6-Trichlorophenol
 Concen: 30.288 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

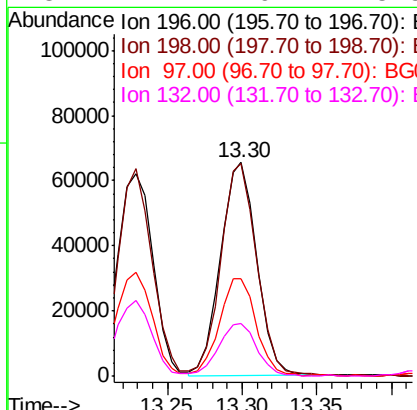
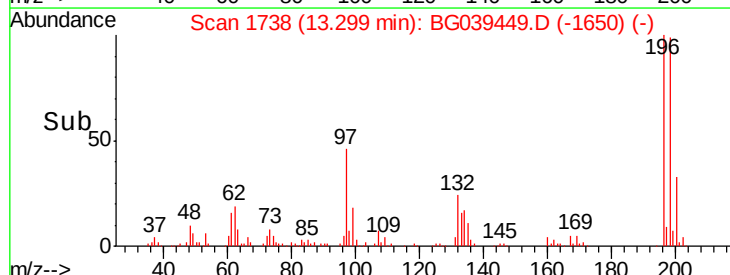
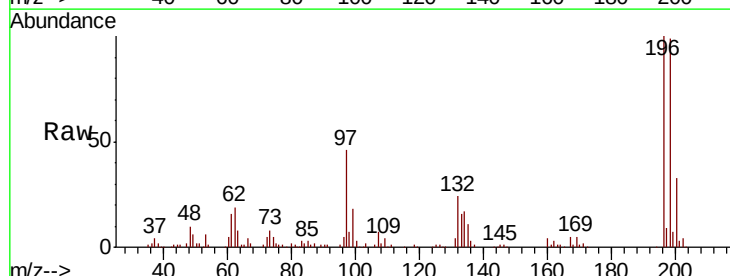
Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

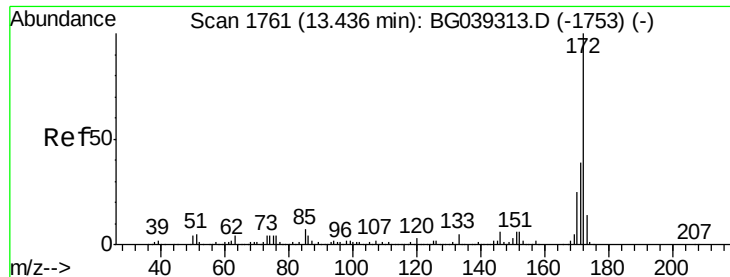
Tgt Ion:	196	Resp:	102921
Ion	Ratio	Lower	Upper
196	100		
198	102.6	80.6	121.0
200	33.7	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 31.134 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion:	196	Resp:	110882
Ion	Ratio	Lower	Upper
196	100		
198	99.2	78.5	117.7
97	45.8	38.4	57.6
132	24.4	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 51.891 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

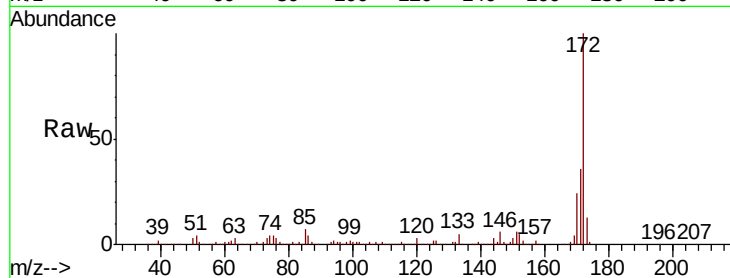
BNA_G

ClientSampleId :

PB116987BS

Tgt Ion:172 Resp: 628308

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	23.6	20.2	30.4



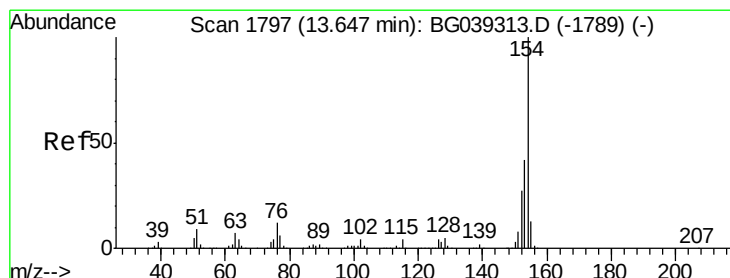
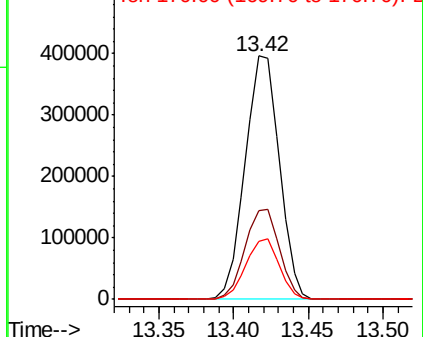
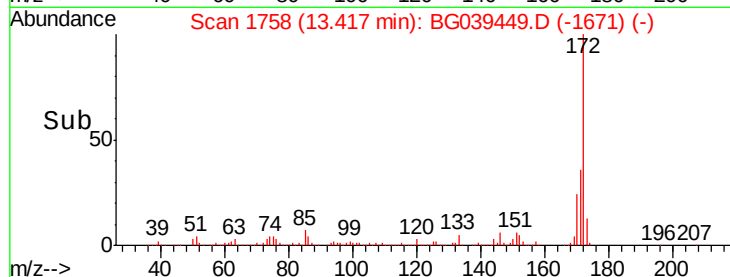
Abundance

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

Time-->



#46

1,1'-Biphenyl

Concen: 24.834 ng

RT: 13.63 min Scan# 1794

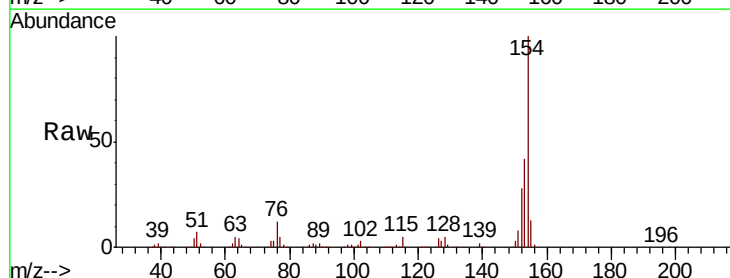
Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Tgt Ion:154 Resp: 358912

Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	11.9	0.0	32.4



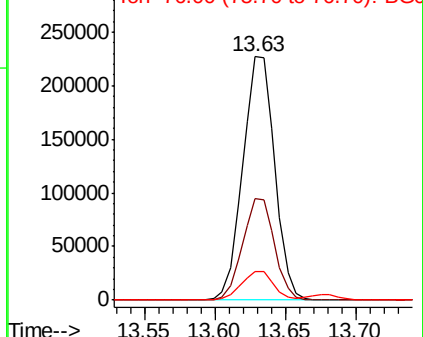
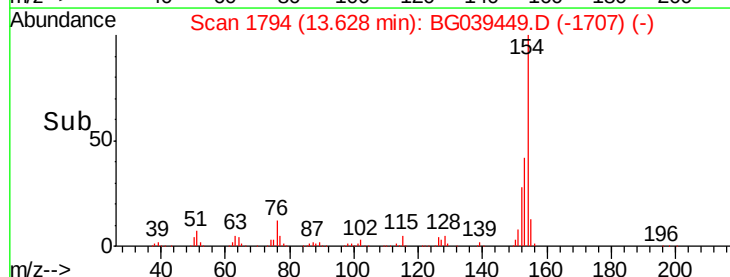
Abundance

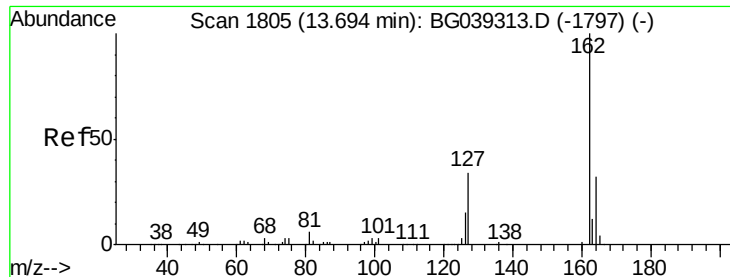
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

Time-->

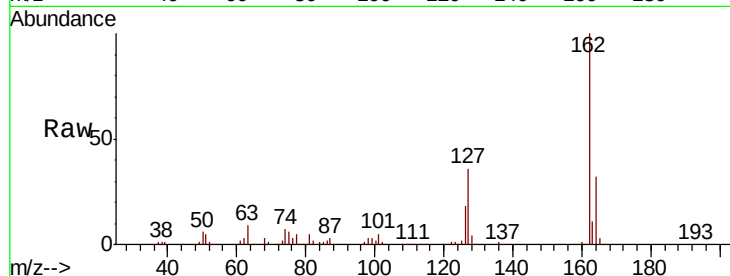




#47
 2-Chloronaphthalene
 Concen: 25.718 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	31.0	46.6
164	31.8	25.7	38.5

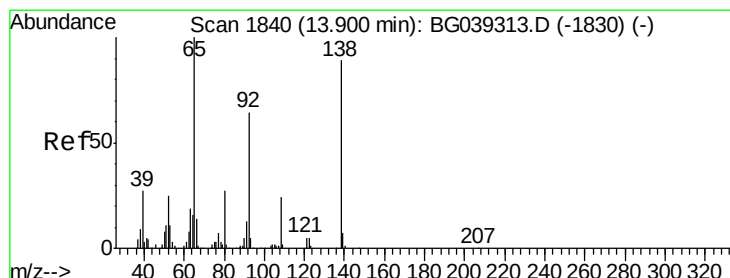
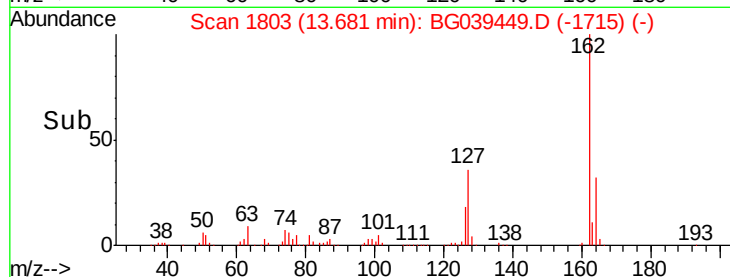
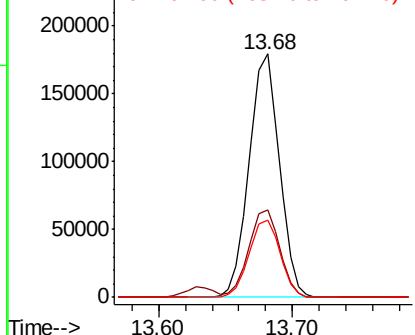


Abundance

Ion 162.00 (161.70 to 162.70): E

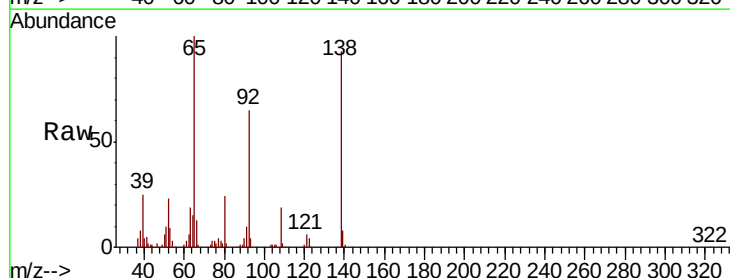
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 32.573 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	51.4	77.2
138	92.6	71.4	107.2

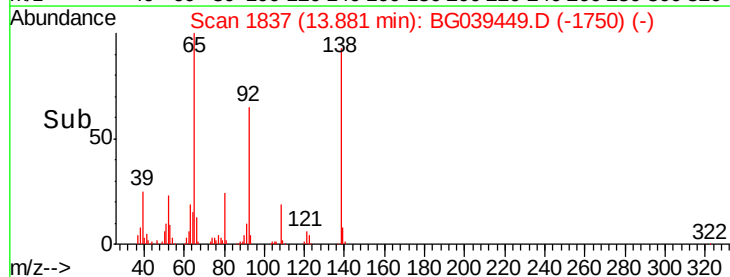
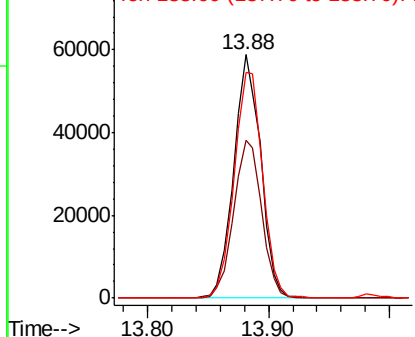


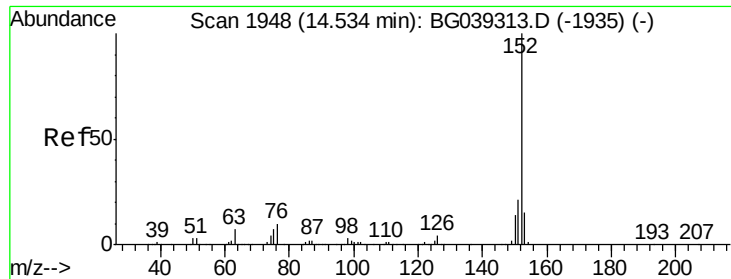
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 27.509 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

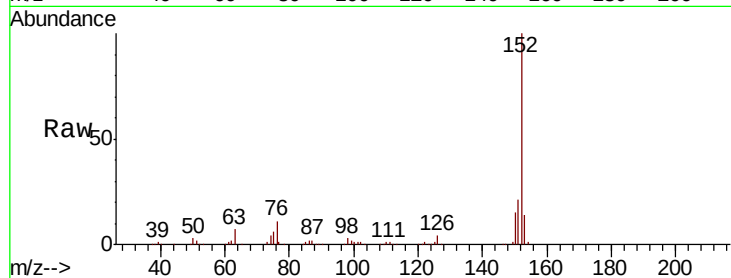
Tgt Ion:152 Resp: 451281

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

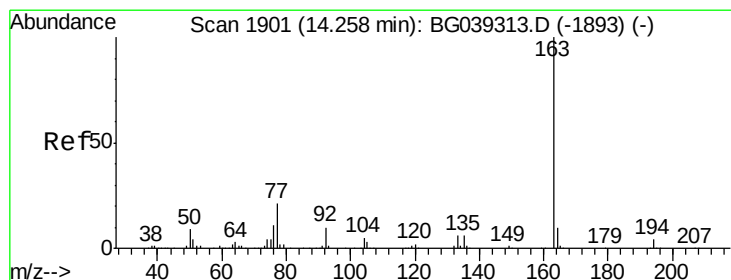
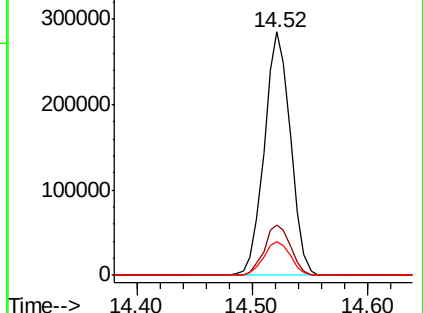
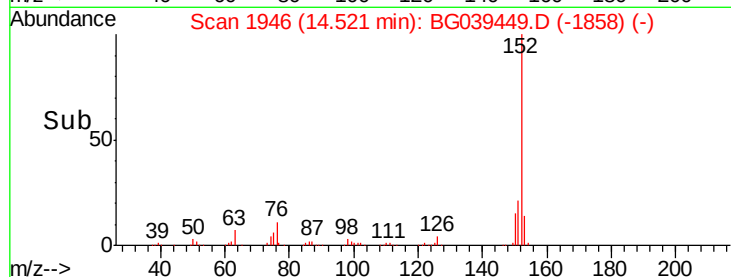
153 14.1 11.7 17.5



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: 26.939 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

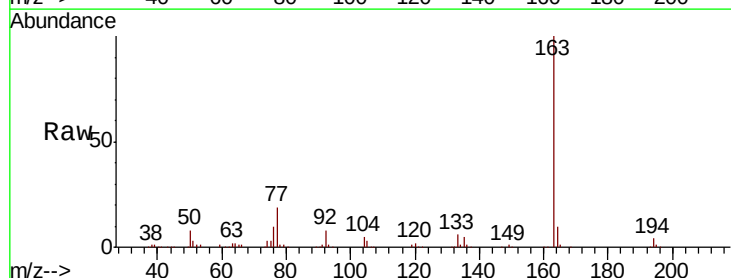
Tgt Ion:163 Resp: 377920

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

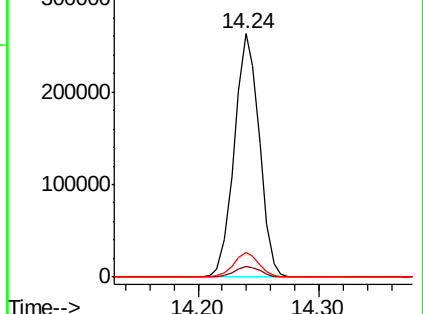
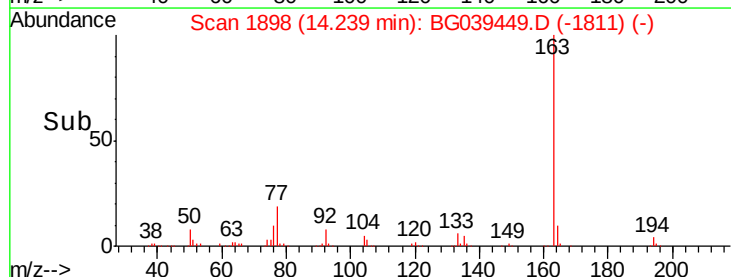
164 10.4 8.4 12.6

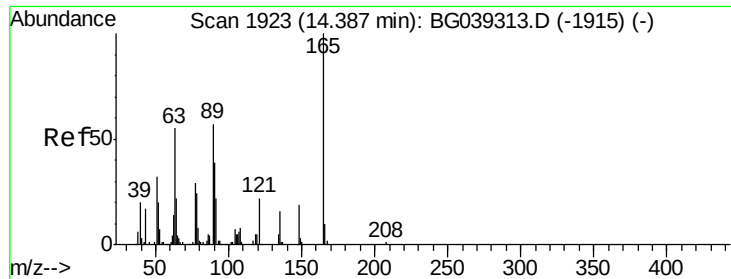


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

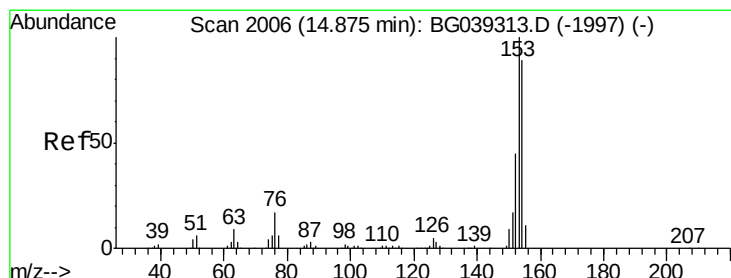
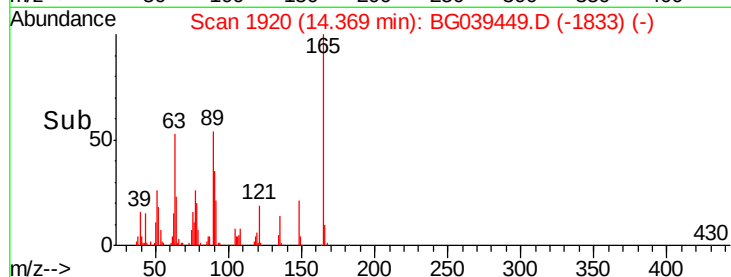
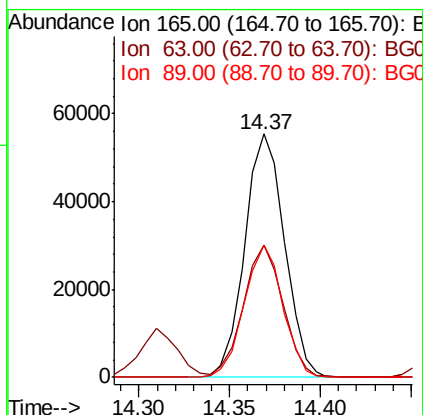
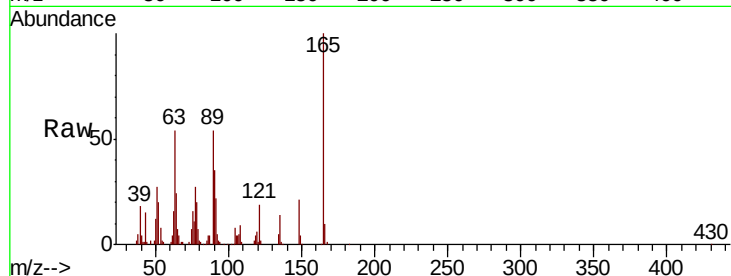




#51
 2,6-Dinitrotoluene
 Concen: 34.359 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

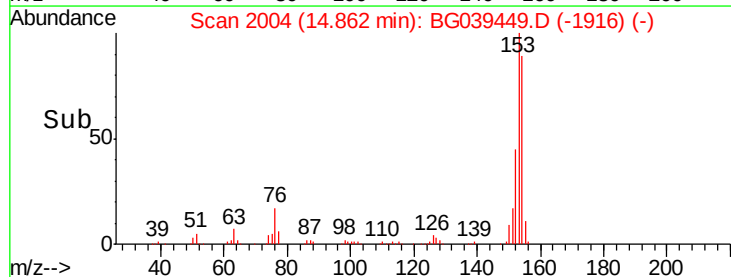
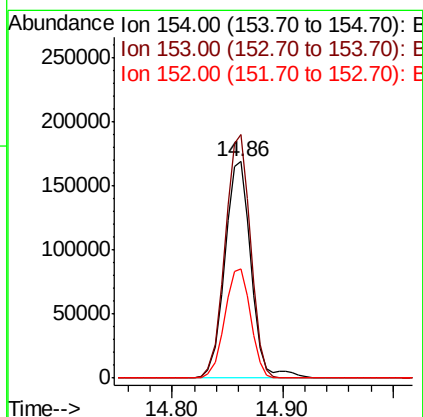
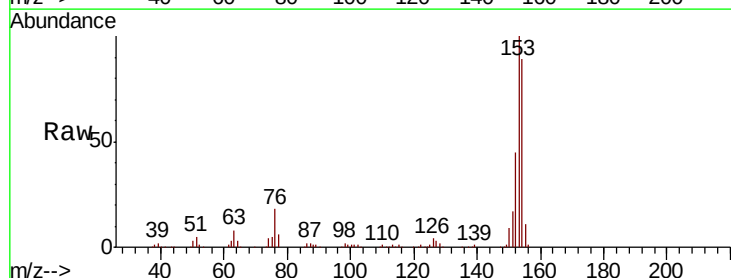
Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

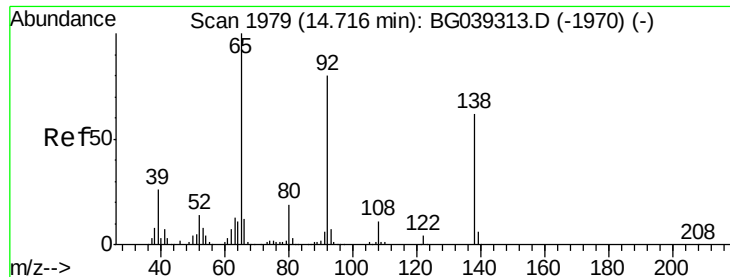
Tgt Ion:165 Resp: 84425
 Ion Ratio Lower Upper
 165 100
 63 54.4 47.0 70.6
 89 54.4 45.8 68.8



#52
 Acenaphthene
 Concen: 26.369 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion:154 Resp: 280798
 Ion Ratio Lower Upper
 154 100
 153 112.4 90.1 135.1
 152 50.3 40.9 61.3





#53

3-Nitroaniline

Concen: 19.262 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

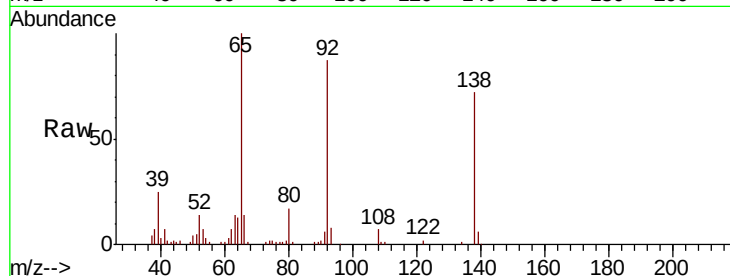
Tgt Ion:138 Resp: 43334

Ion Ratio Lower Upper

138 100

108 9.9 13.8 20.8#

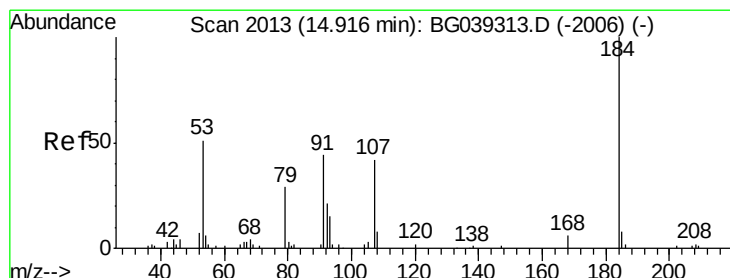
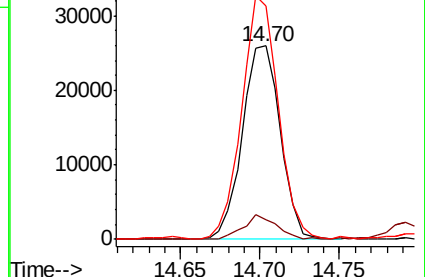
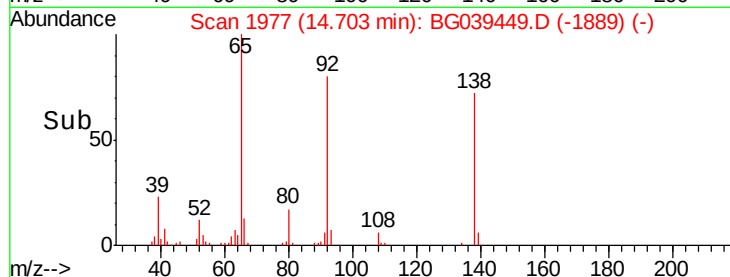
92 120.3 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 21.335 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

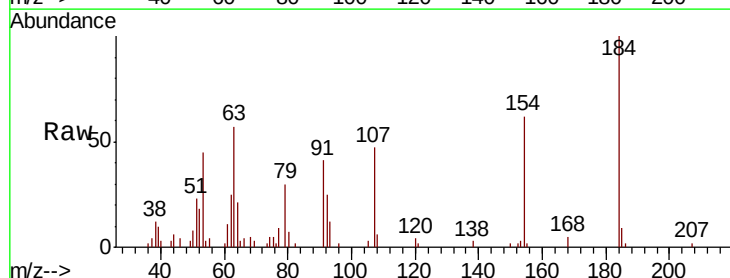
Tgt Ion:184 Resp: 15273

Ion Ratio Lower Upper

184 100

63 56.9 50.9 76.3

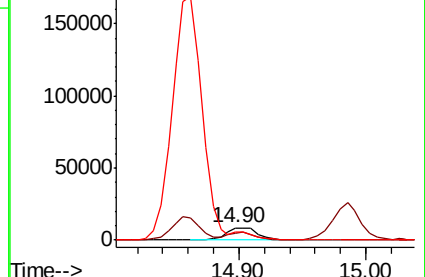
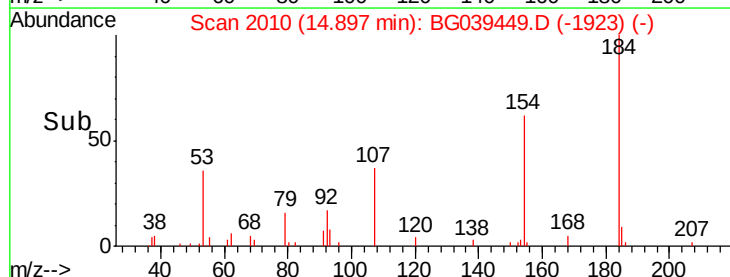
154 61.8 53.0 79.6

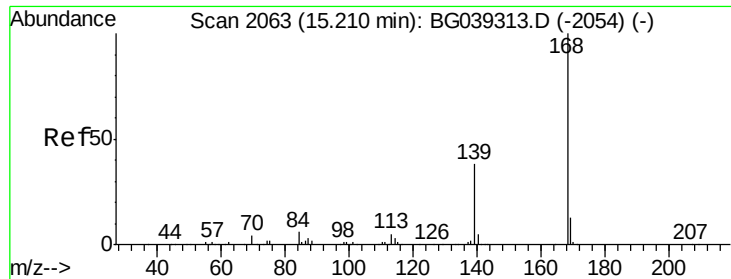


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

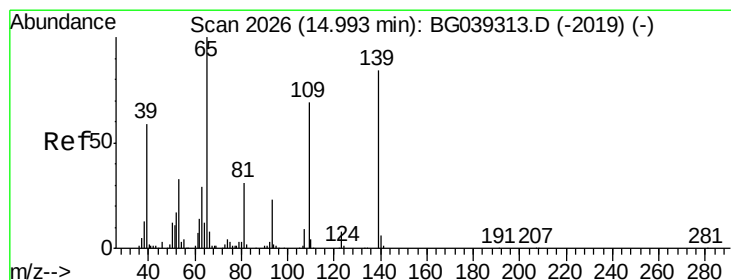
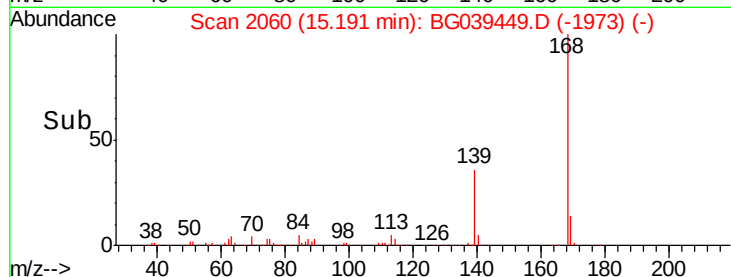
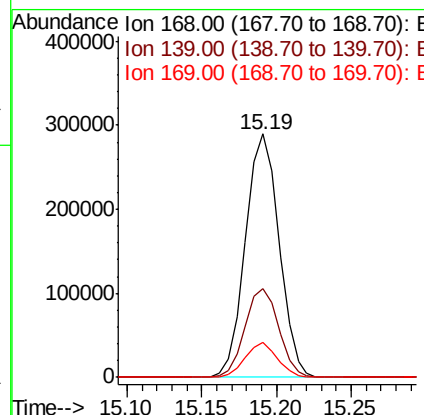
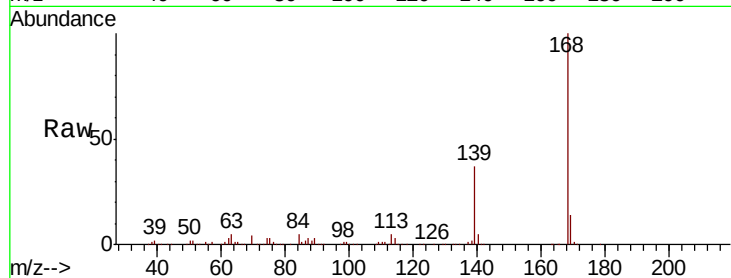




#55
Dibenzenofuran
Concen: 26.468 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

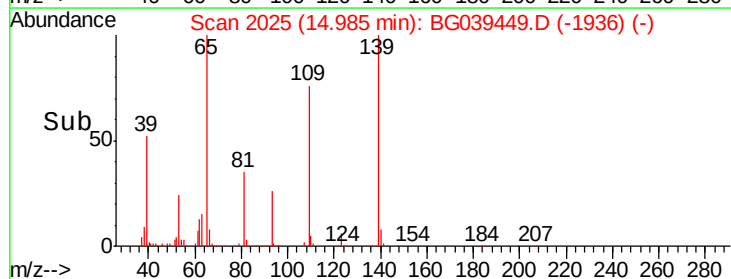
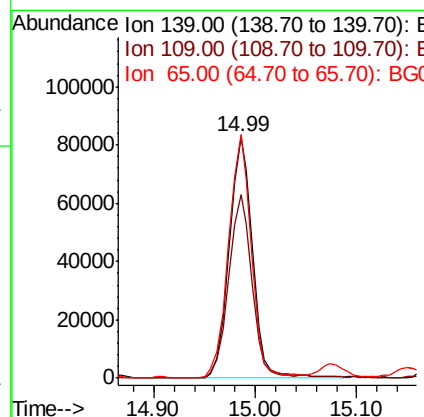
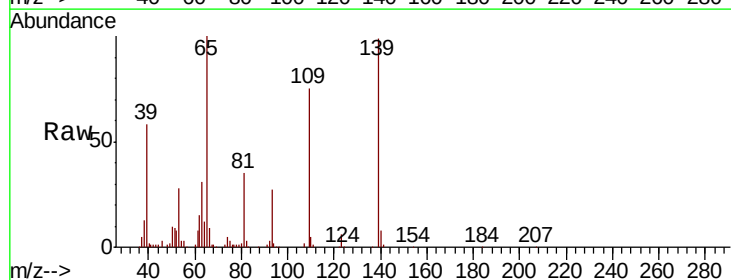
Instrument :
BNA_G
ClientSampleId :
PB116987BS

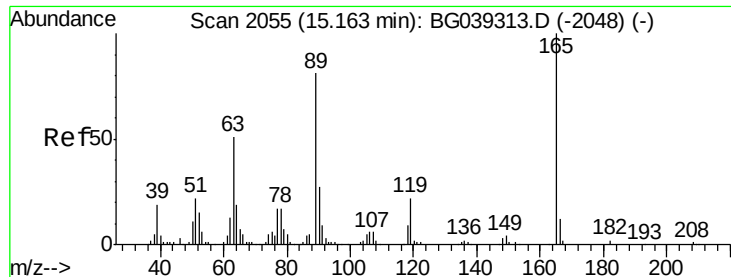
Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	14.1	10.6	16.0



#56
4-Nitrophenol
Concen: 53.907 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.8	61.9	101.9
65	100.8	99.1	139.1

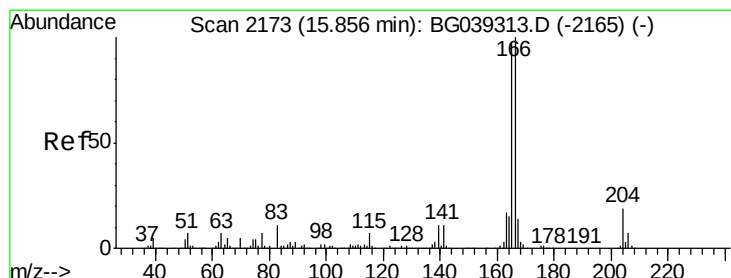
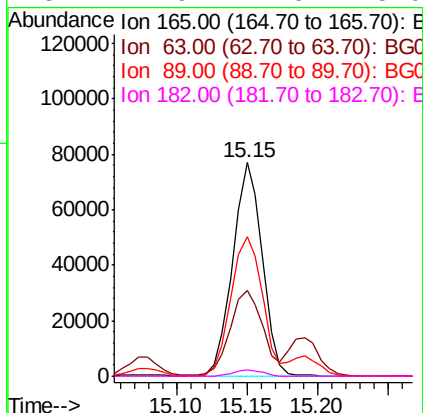
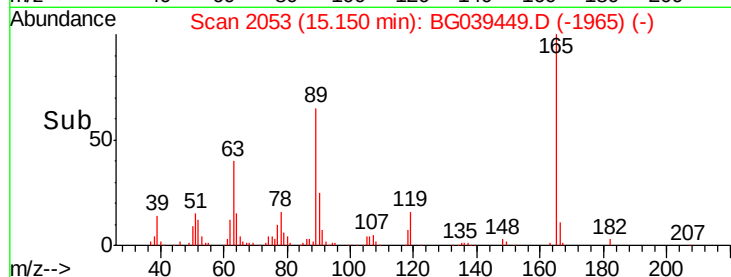
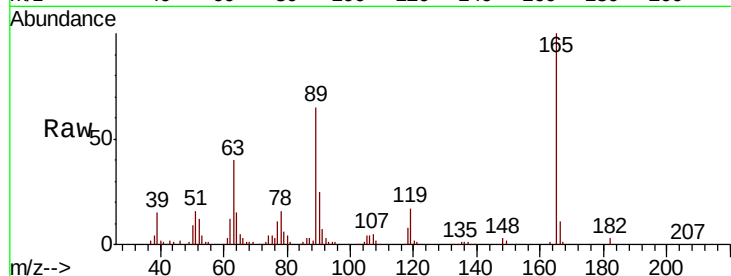




#57
 2,4-Dinitrotoluene
 Concen: 35.818 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

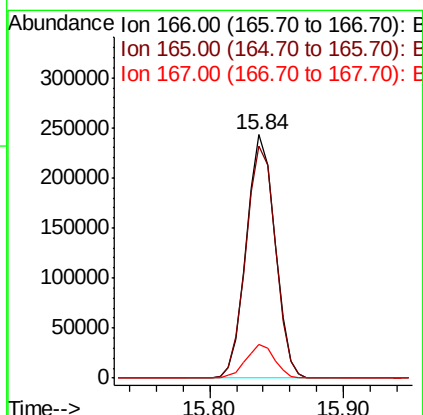
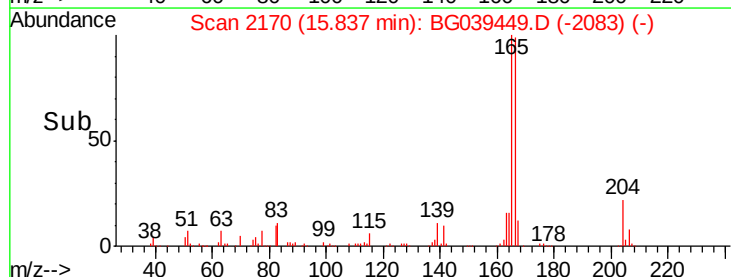
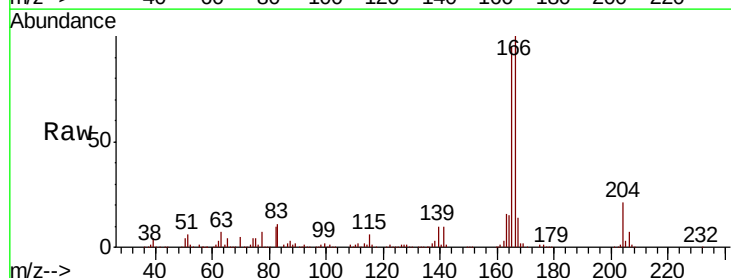
Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

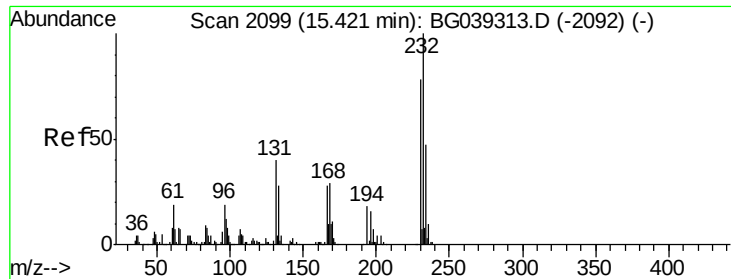
Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.2	41.0	61.6#
89	65.3	64.6	96.8
182	2.9	2.0	3.0



#58
 Fluorene
 Concen: 28.158 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.9	116.9
167	13.7	10.8	16.2

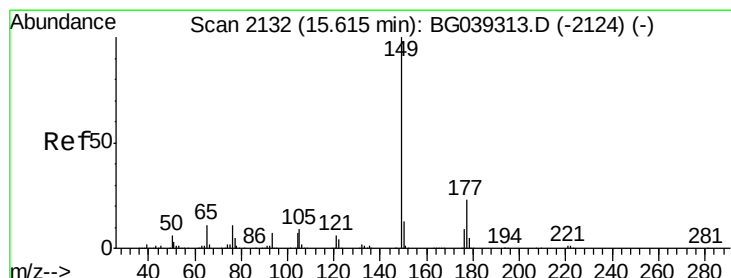
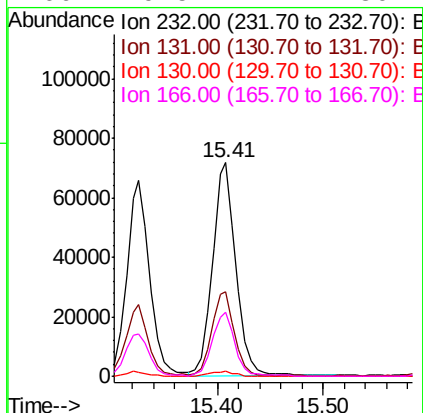
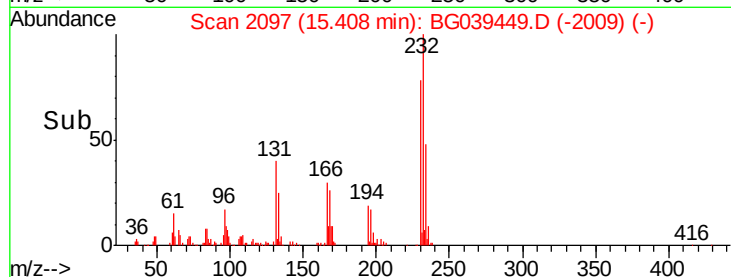
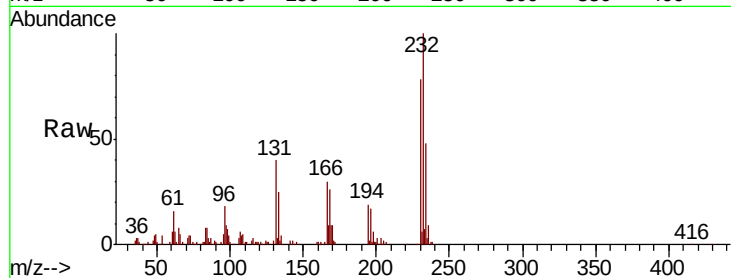




#59
2,3,4,6-Tetrachlorophenol
Concen: 33.207 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

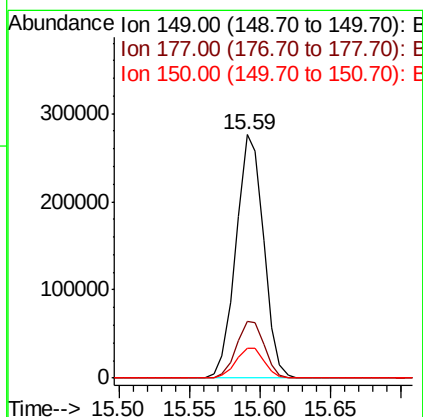
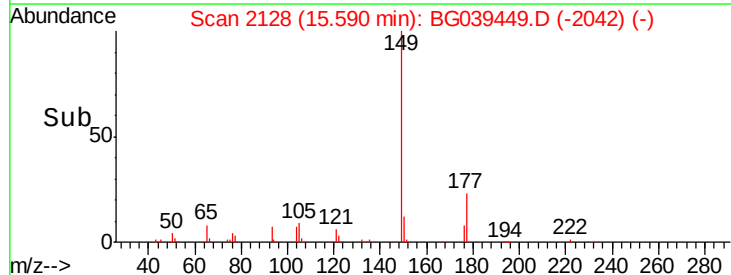
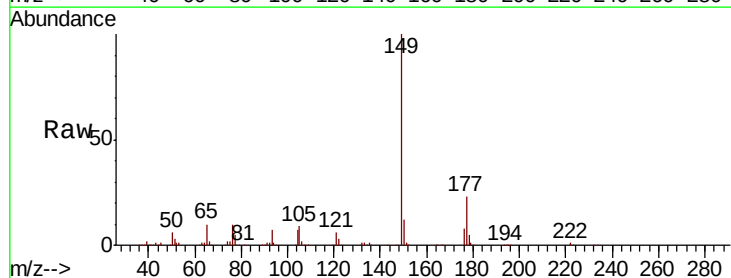
Instrument :
BNA_G
ClientSampleId :
PB116987BS

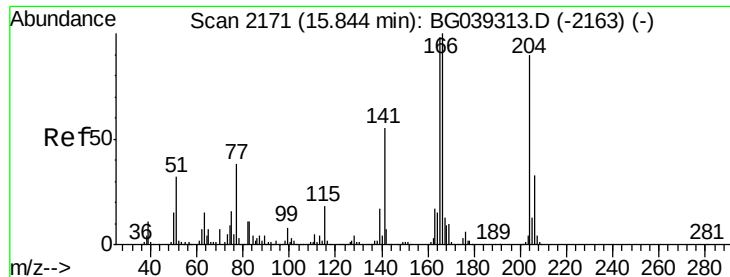
Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.1	34.9	52.3
130	2.4	2.0	3.0
166	29.5	24.1	36.1



#60
Diethylphthalate
Concen: 25.839 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	12.0	10.2	15.2

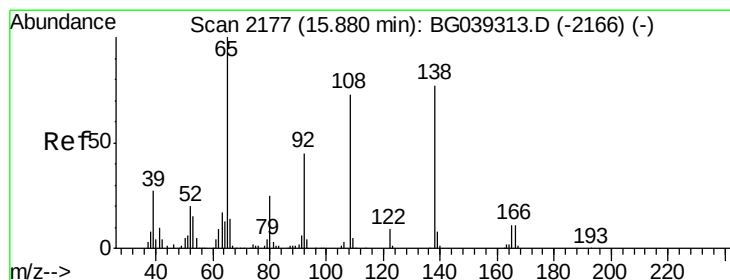
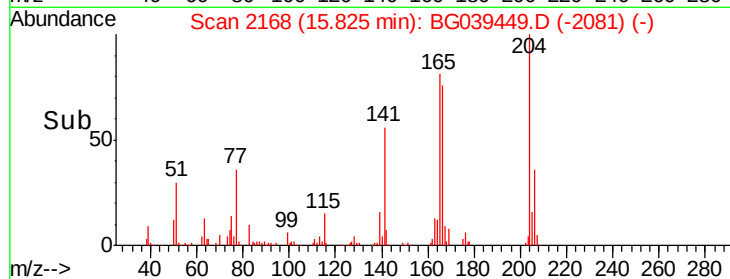
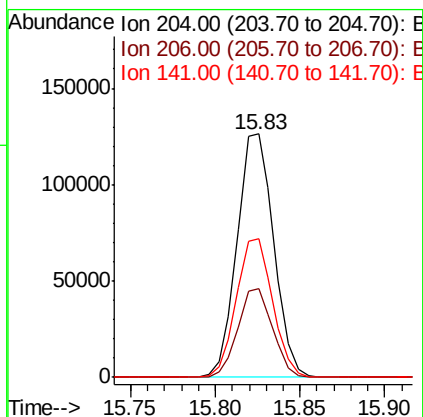
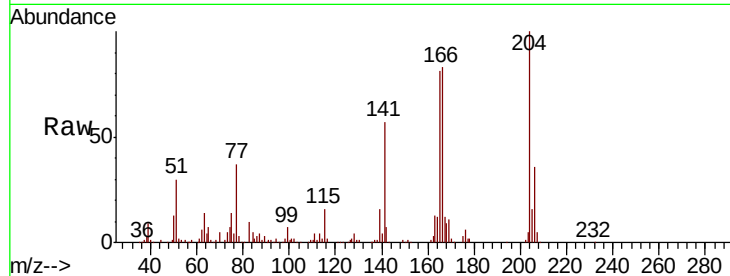




#61
4-Chlorophenyl-phenylether
Concen: 26.403 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

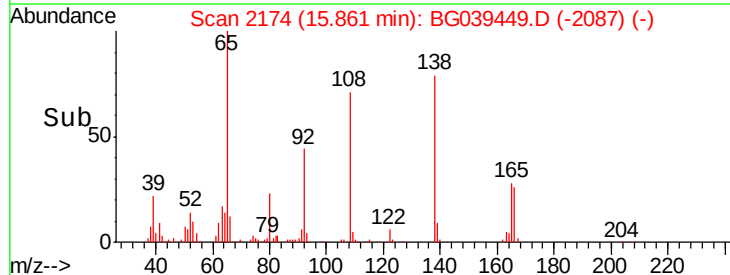
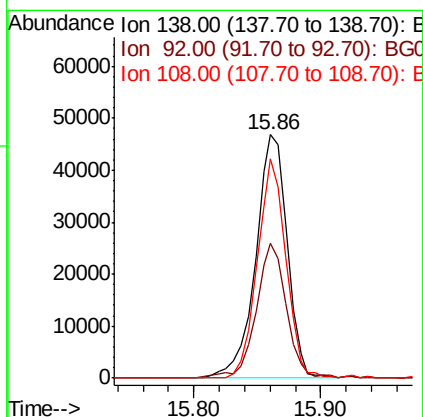
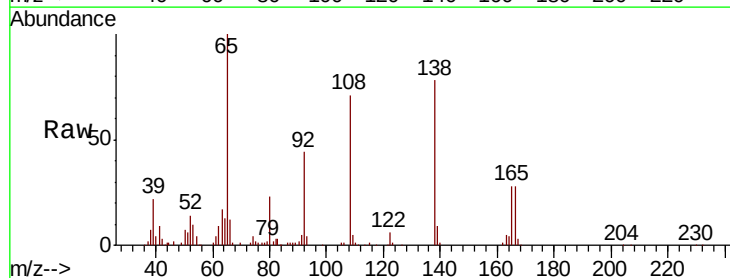
Instrument :
BNA_G
ClientSampleId :
PB116987BS

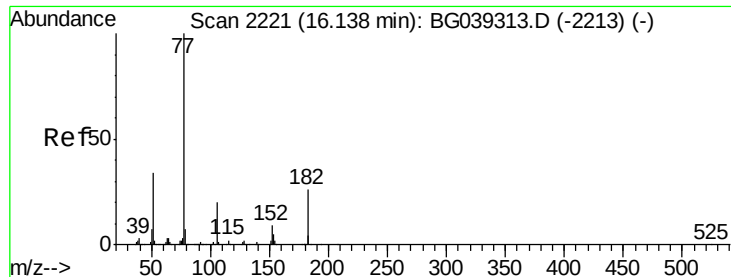
Tgt Ion: 204 Resp: 190282
Ion Ratio Lower Upper
204 100
206 36.2 29.2 43.8
141 56.8 49.0 73.4



#62
4-Nitroaniline
Concen: 29.353 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion: 138 Resp: 81087
Ion Ratio Lower Upper
138 100
92 55.4 38.7 78.7
108 89.9 74.6 114.6





#63

Azobenzene

Concen: 23.889 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

Tgt Ion: 77 Resp: 338664

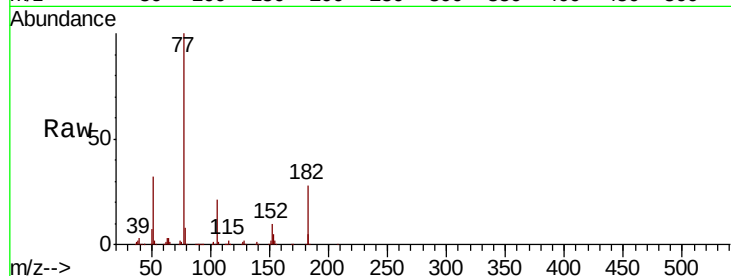
Ion Ratio Lower Upper

77 100

182 28.4 6.4 46.4

105 20.6 0.0 39.8

51 32.4 14.1 54.1

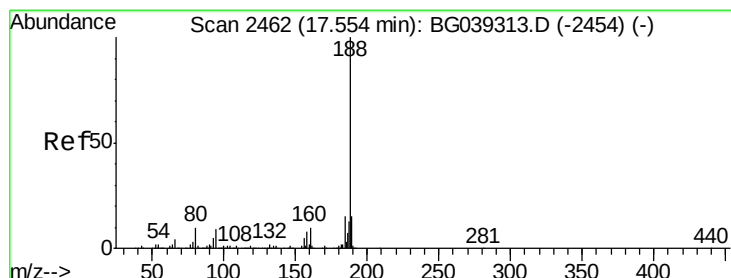
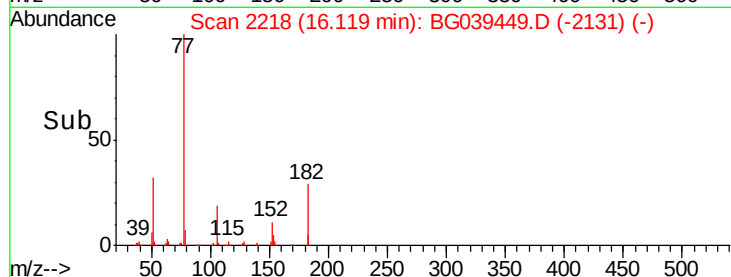
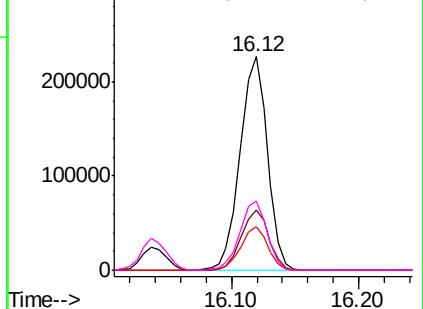


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

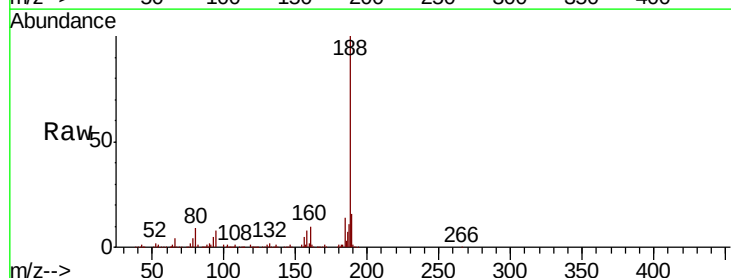
Tgt Ion: 188 Resp: 408962

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

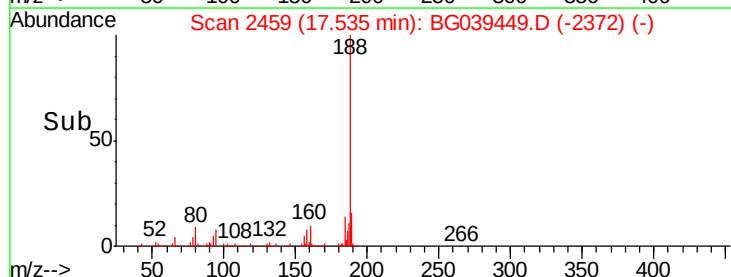
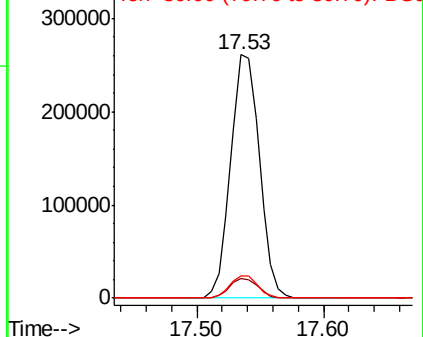
80 9.1 8.1 12.1

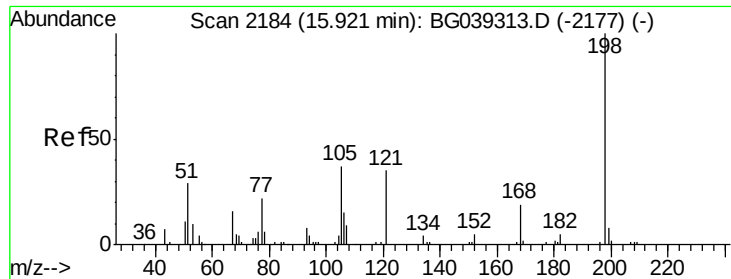


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 18.922 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

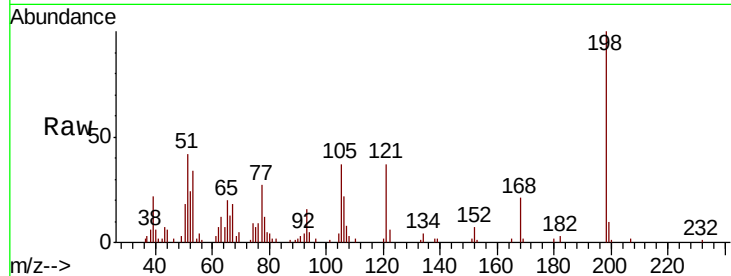
Tgt Ion:198 Resp: 21068

Ion Ratio Lower Upper

198 100

51 41.6 27.4 67.4

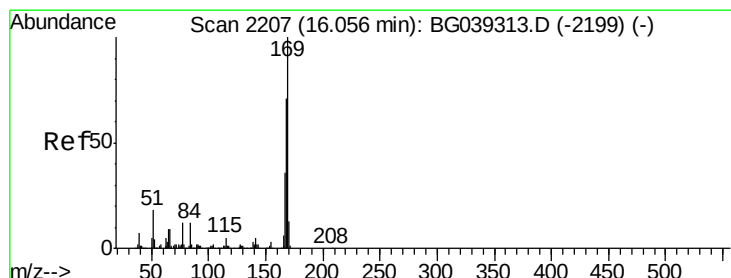
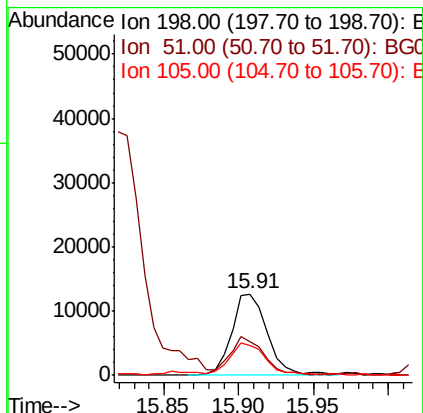
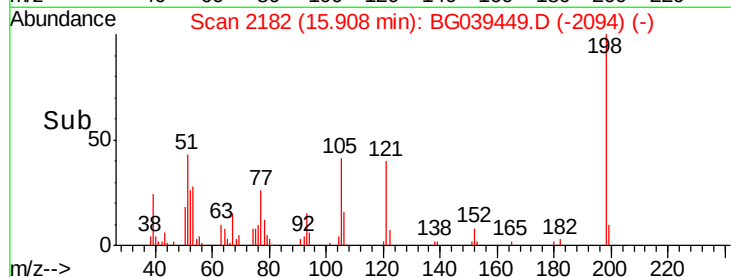
105 37.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039449.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): BG039449.D (-2177) (-)



#66

n-Nitrosodiphenylamine

Concen: 26.179 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

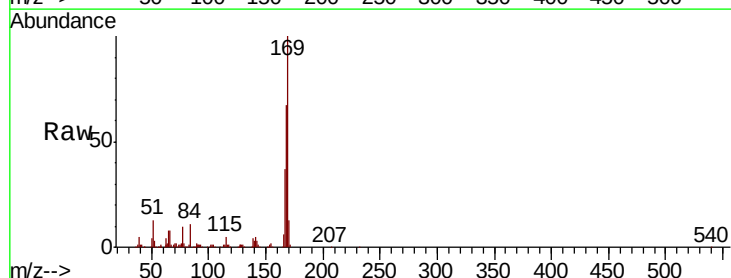
Tgt Ion:169 Resp: 325541

Ion Ratio Lower Upper

169 100

168 67.0 56.6 85.0

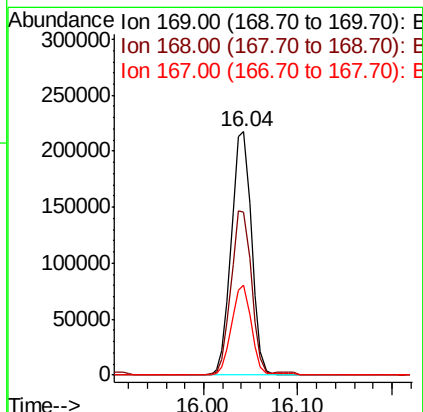
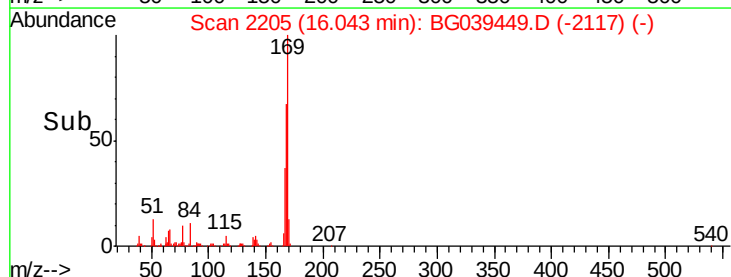
167 37.1 28.8 43.2

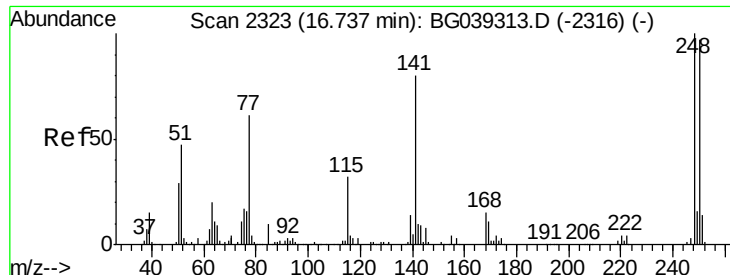


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG039449.D (-2117) (-)

Ion 167.00 (166.70 to 167.70): BG039449.D (-2117) (-)

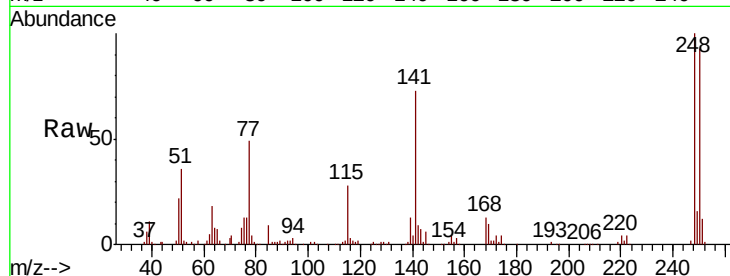




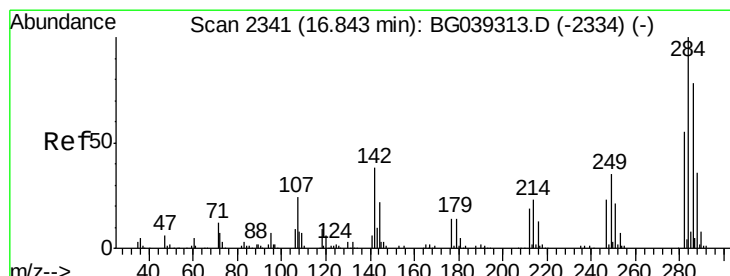
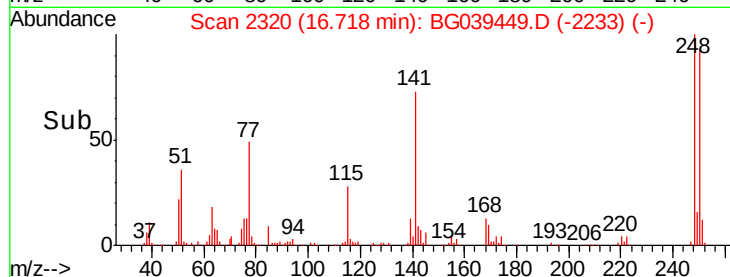
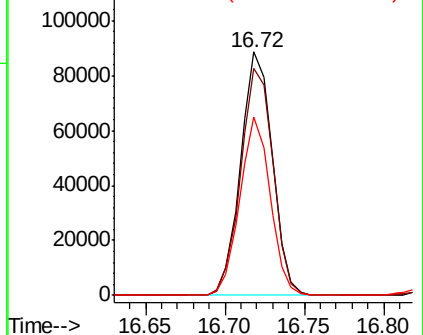
#67
 4-Bromophenyl-phenylether
 Concen: 27.148 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tgt Ion:248 Resp: 123168
 Ion Ratio Lower Upper
 248 100
 250 93.3 77.6 116.4
 141 73.1 63.9 95.9

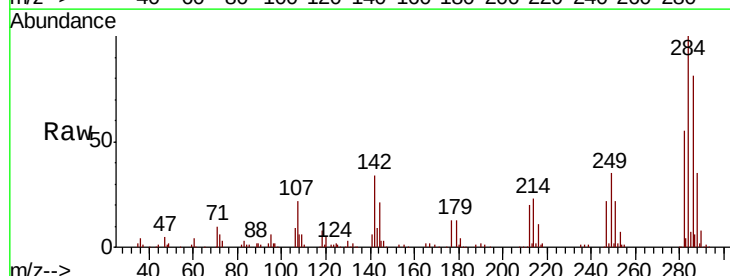


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

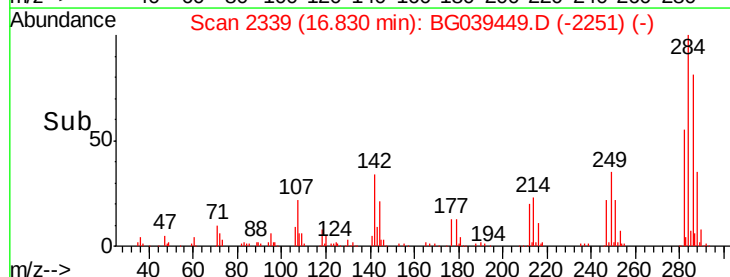
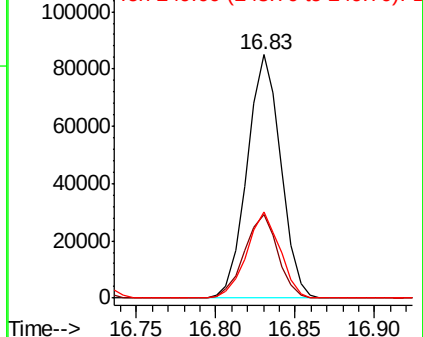


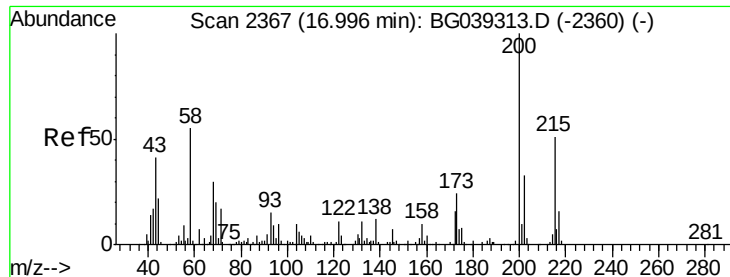
#68
 Hexachlorobenzene
 Concen: 27.510 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039449.D
 Acq: 12 Feb 2019 00:43

Tgt Ion:284 Resp: 125224
 Ion Ratio Lower Upper
 284 100
 142 34.2 30.6 45.8
 249 35.3 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: 26.968 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

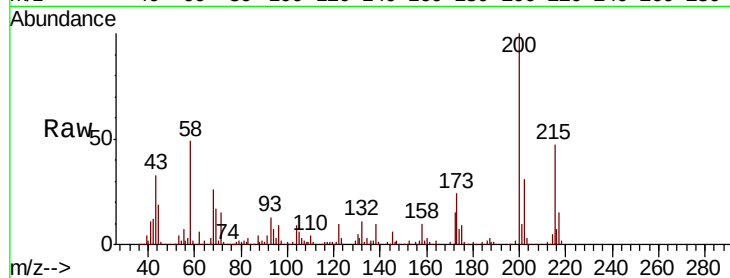
Tgt Ion:200 Resp: 122551

Ion Ratio Lower Upper

200 100

173 24.4 3.9 43.9

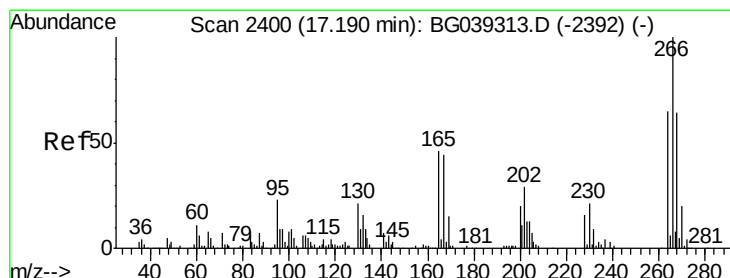
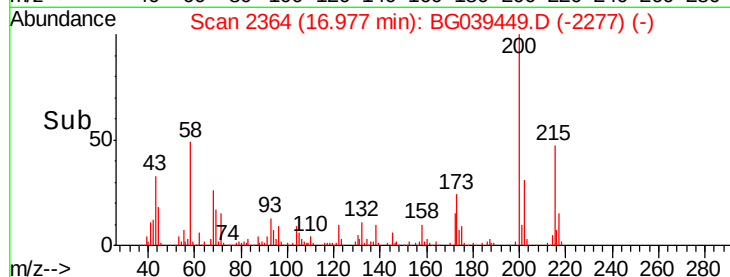
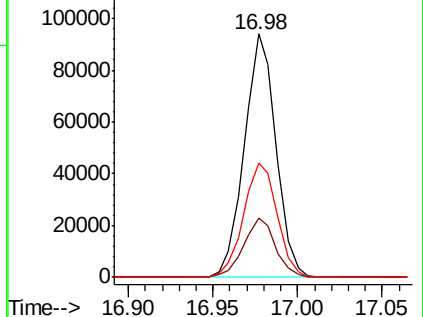
215 47.2 30.9 70.9



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: 35.091 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

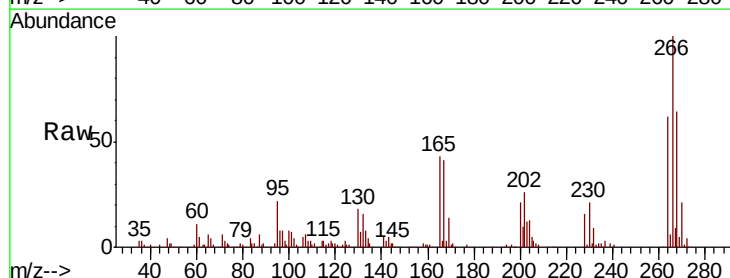
Tgt Ion:266 Resp: 111016

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

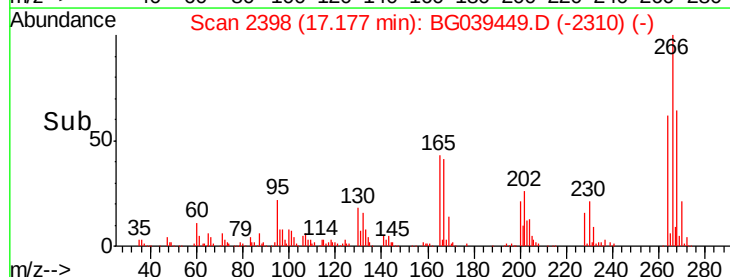
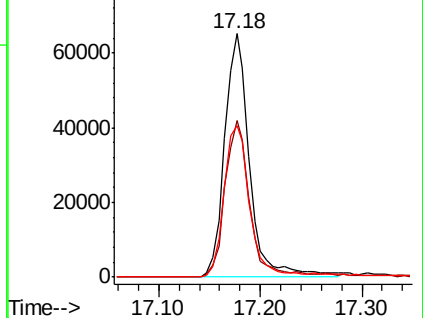
264 62.3 52.1 78.1

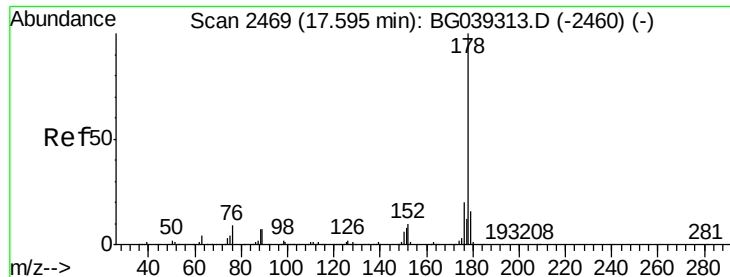


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

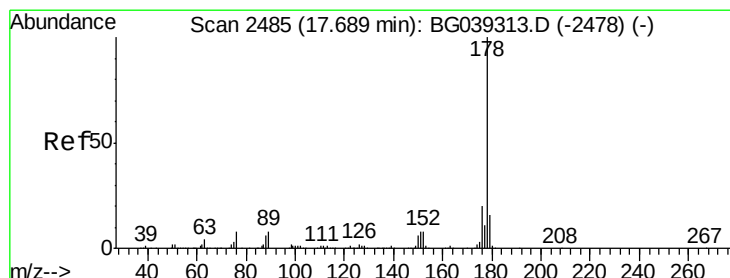
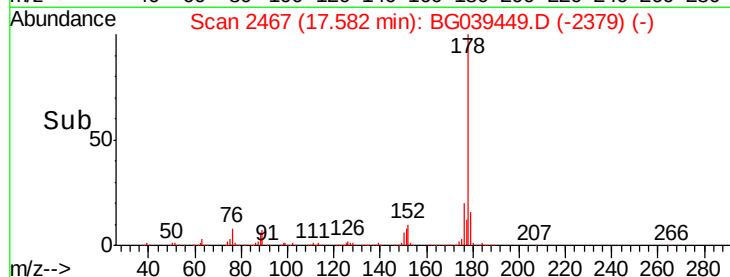
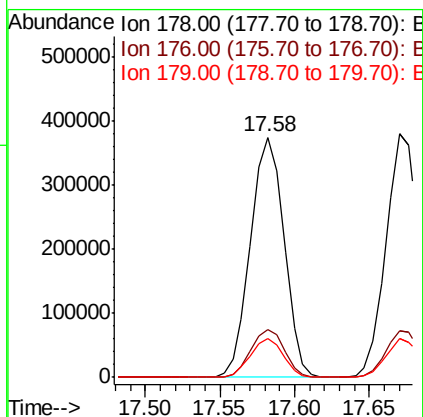
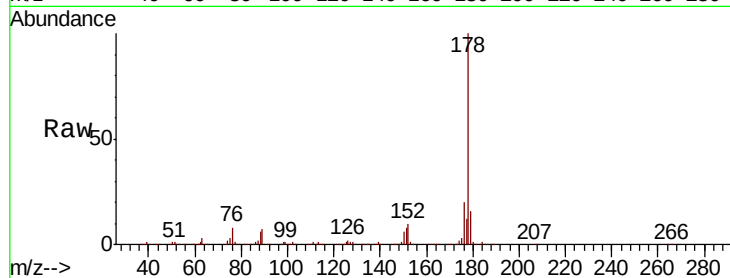




#71
Phenanthrene
Concen: 27.558 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

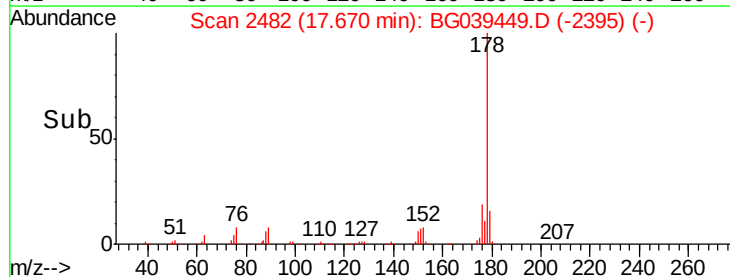
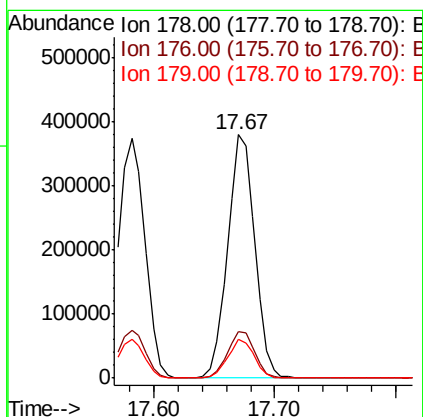
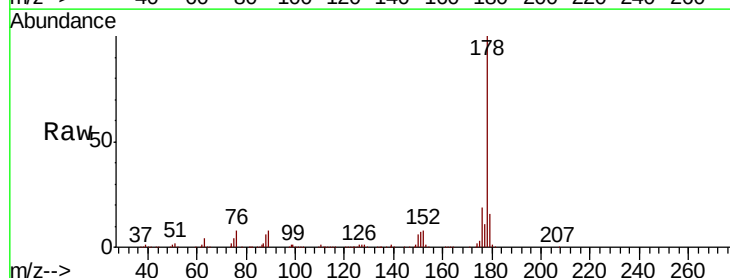
Instrument :
BNA_G
ClientSampleId :
PB116987BS

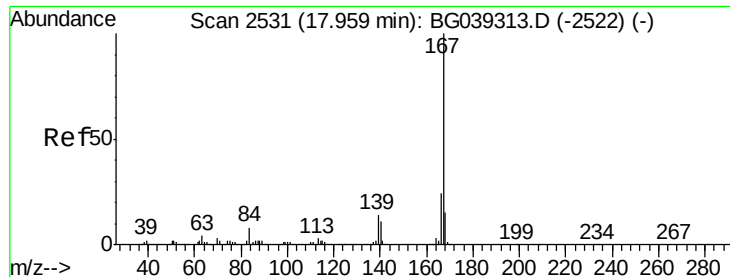
Tgt Ion:178 Resp: 583318
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.4 12.6 19.0



#72
Anthracene
Concen: 28.329 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion:178 Resp: 590634
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 16.2 12.5 18.7





#73

Carbazole

Concen: 24.243 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

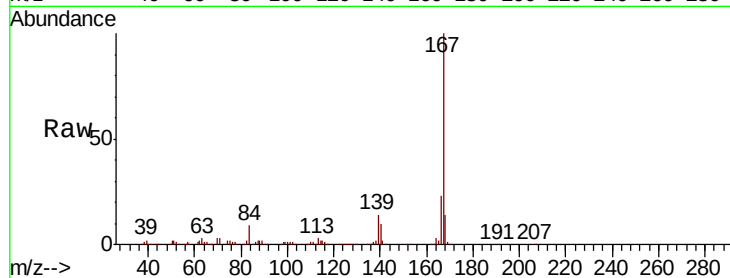
Tgt Ion:167 Resp: 504430

Ion Ratio Lower Upper

167 100

166 22.7 19.4 29.2

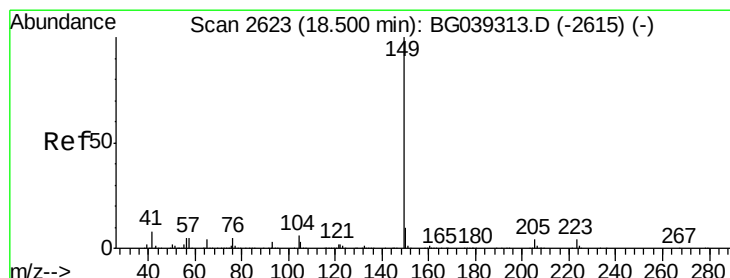
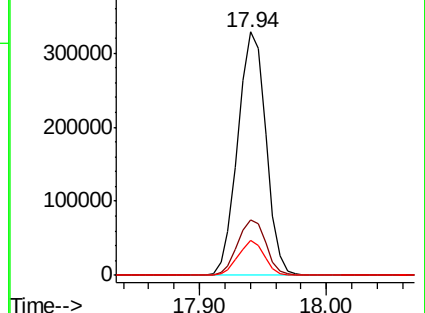
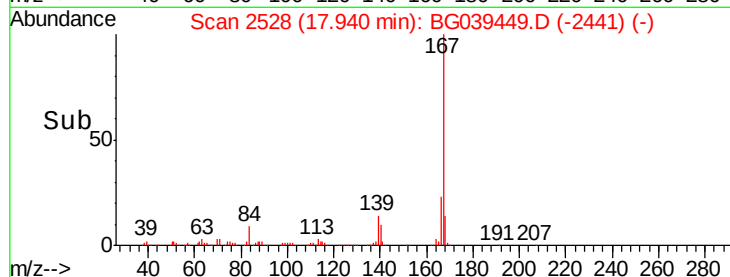
139 14.2 10.8 16.2



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: 24.665 ng

RT: 18.47 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

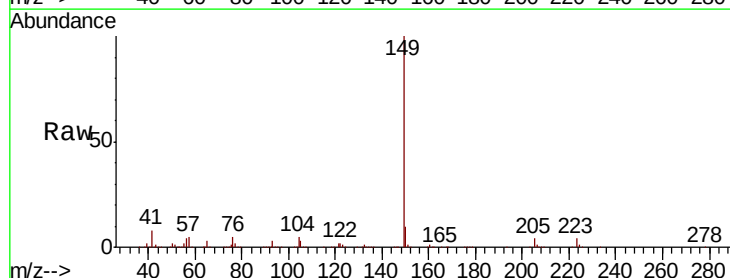
Tgt Ion:149 Resp: 598738

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

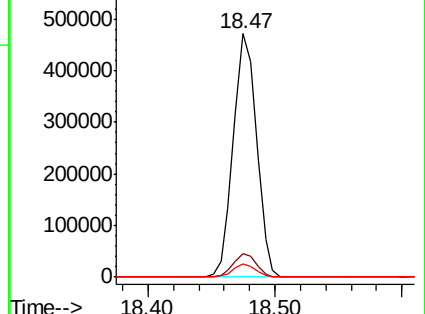
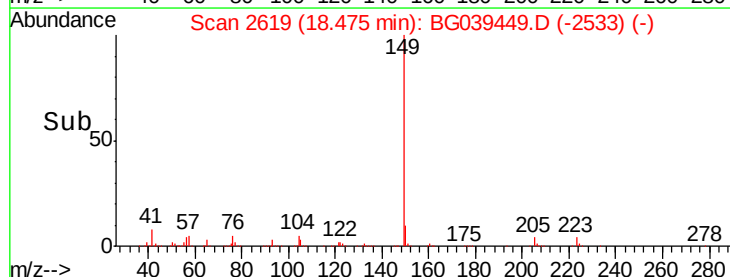
104 5.3 4.5 6.7

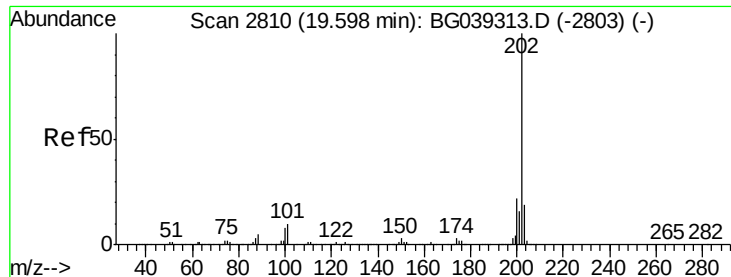


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 27.640 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

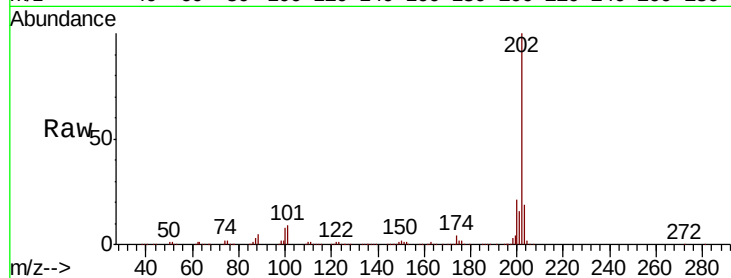
Tgt Ion:202 Resp: 679044

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

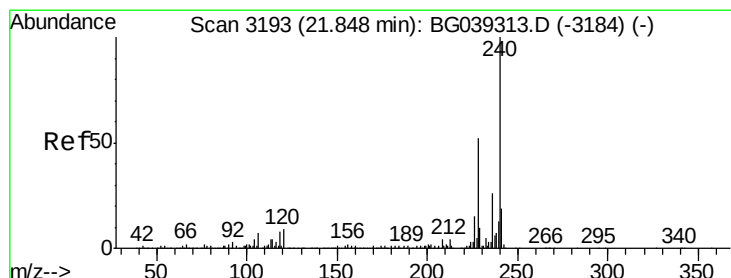
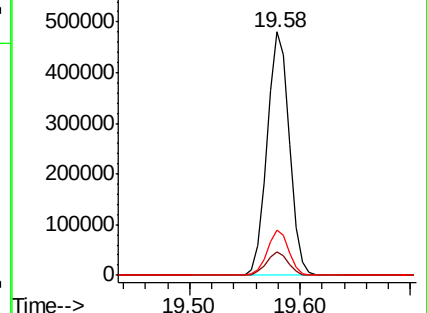
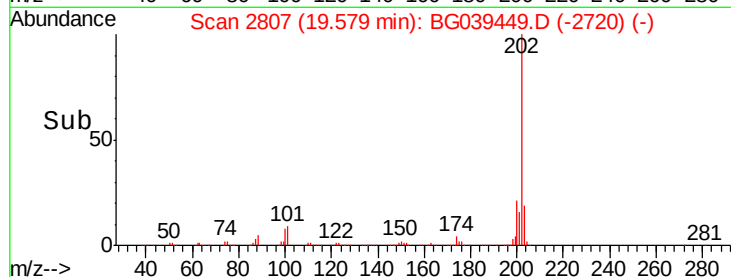
203 18.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

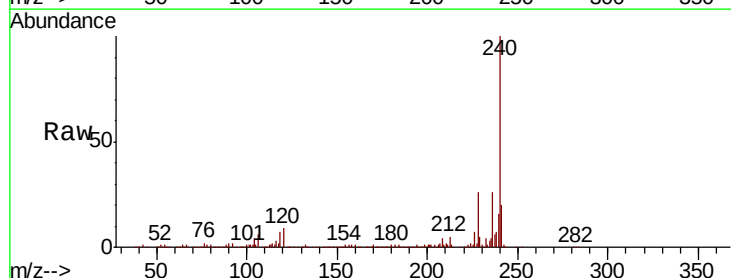
Tgt Ion:240 Resp: 402923

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

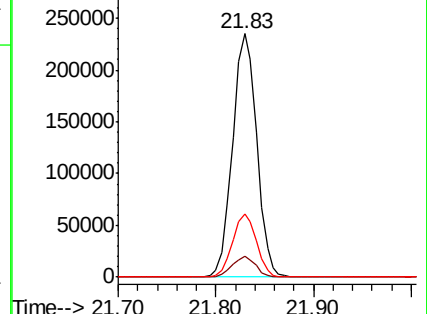
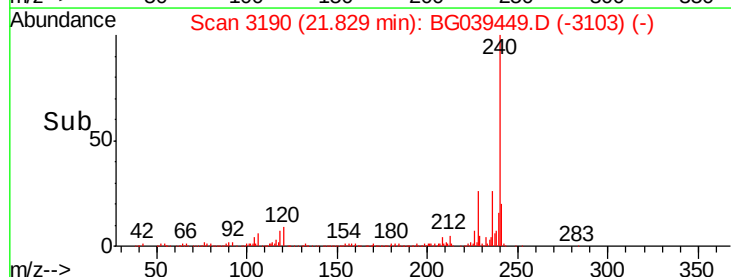
236 26.2 21.0 31.4

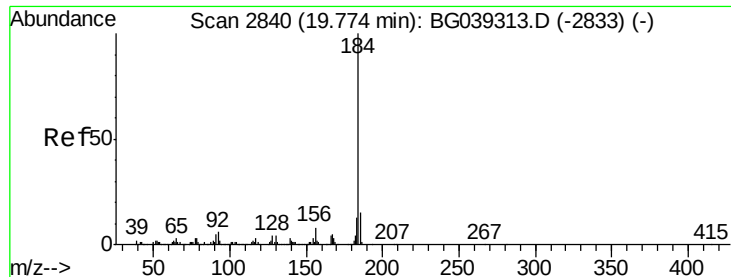


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.254 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

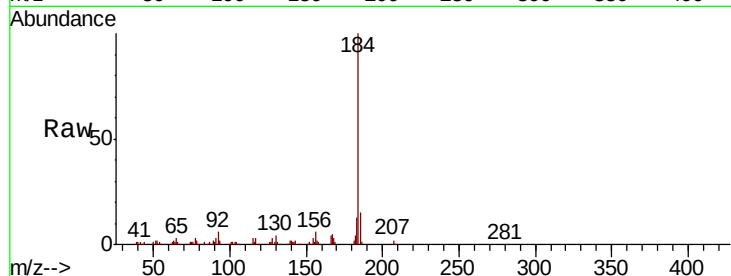
Tgt Ion:184 Resp: 148670

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

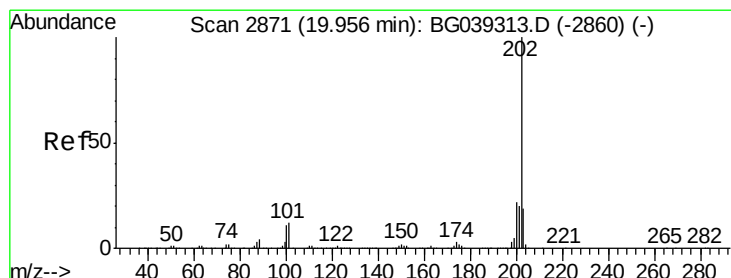
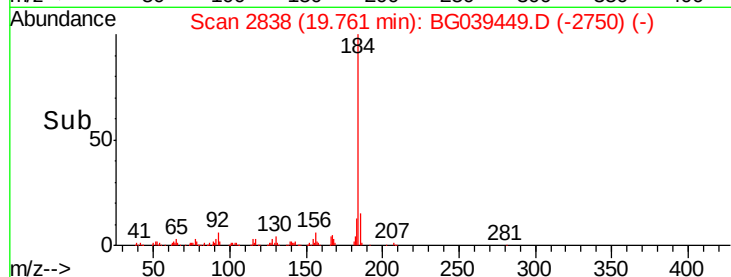
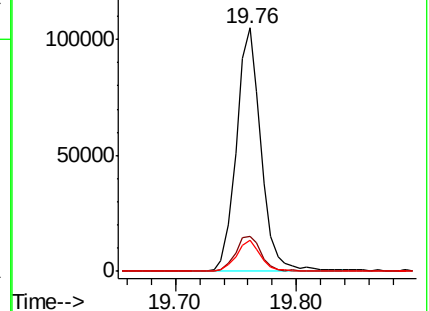
183 12.6 10.6 15.8



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: 27.048 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

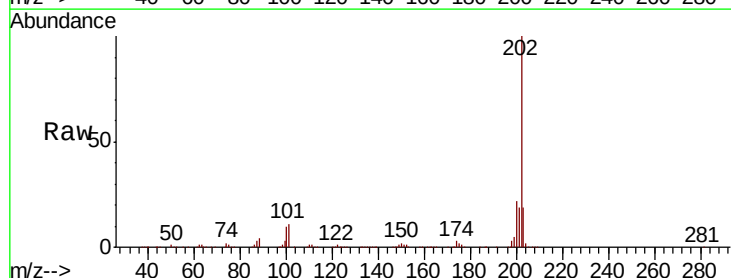
Tgt Ion:202 Resp: 678449

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.8

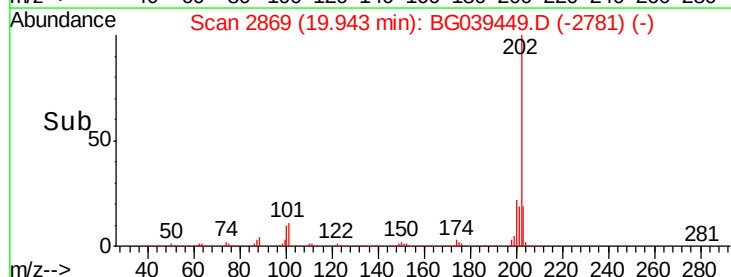
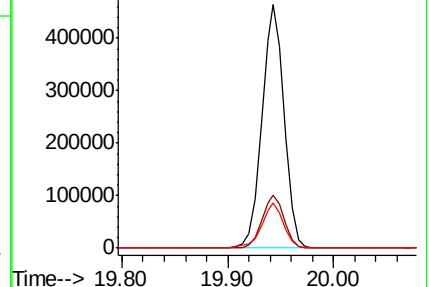
203 18.8 15.3 22.9

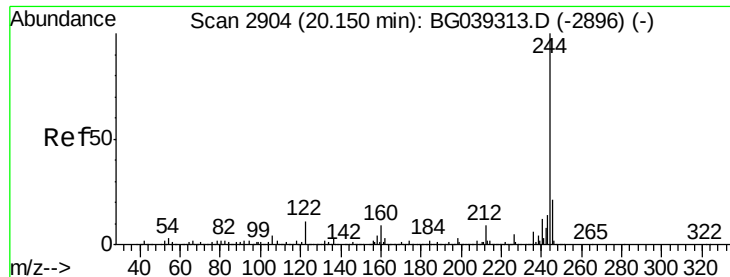


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 50.873 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

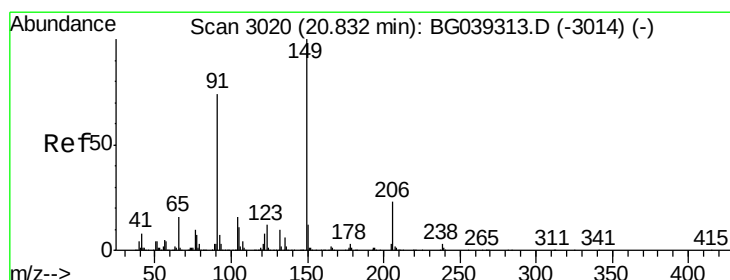
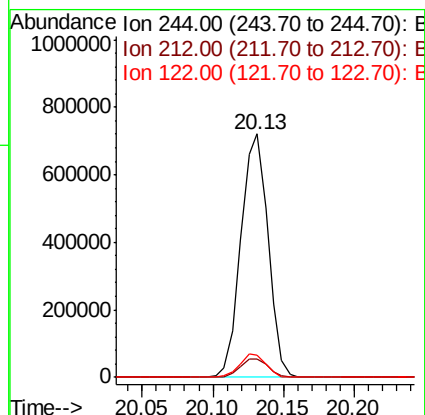
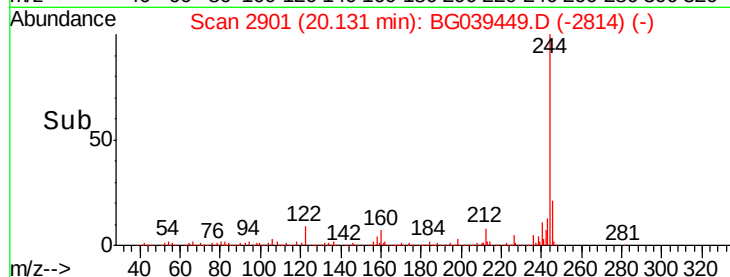
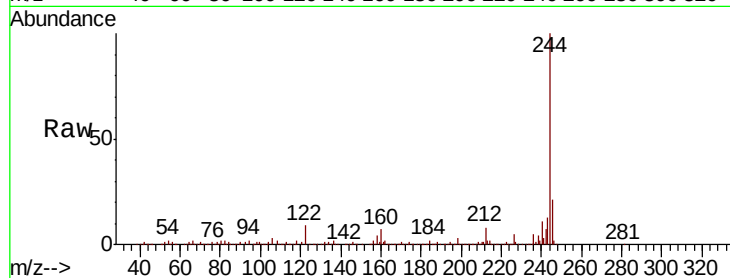
Tgt Ion:244 Resp: 968394

Ion Ratio Lower Upper

244 100

212 7.7 7.3 10.9

122 9.3 8.4 12.6



#80

Butylbenzylphthalate

Concen: 25.913 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

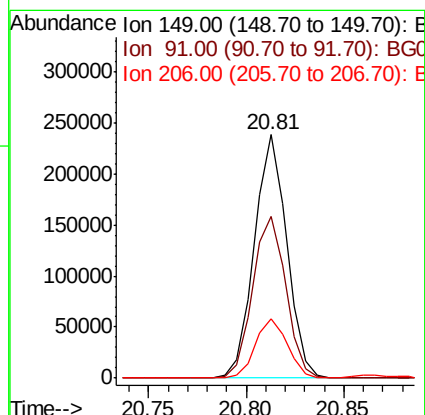
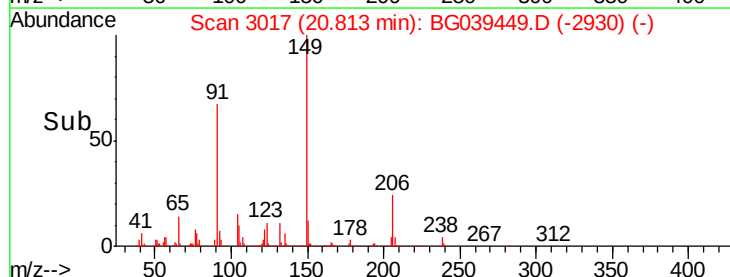
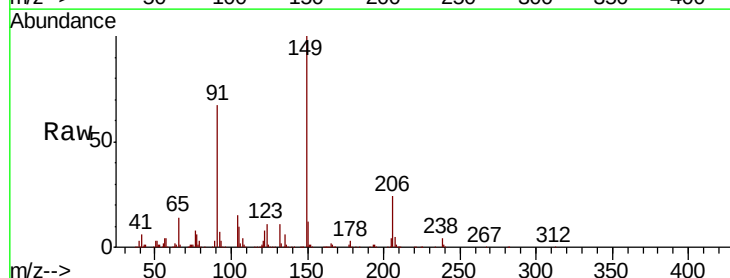
Tgt Ion:149 Resp: 274182

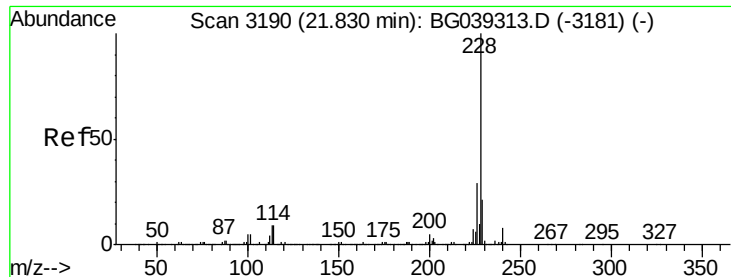
Ion Ratio Lower Upper

149 100

91 66.5 59.5 89.3

206 24.2 18.6 27.8





#81

Benzo(a)anthracene

Concen: 27.959 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

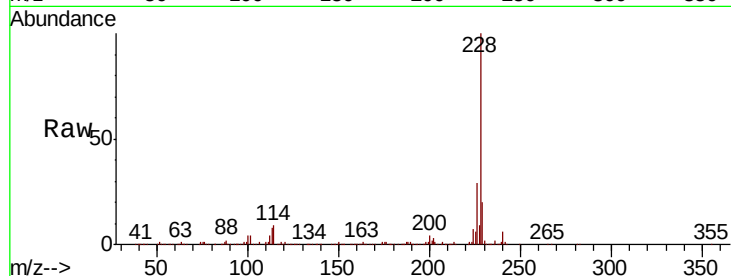
Tgt Ion:228 Resp: 665669

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

229 20.0 16.9 25.3

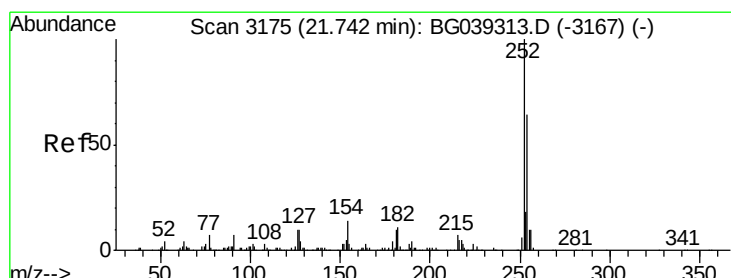
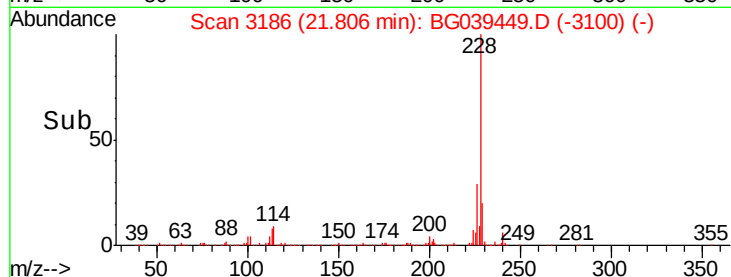
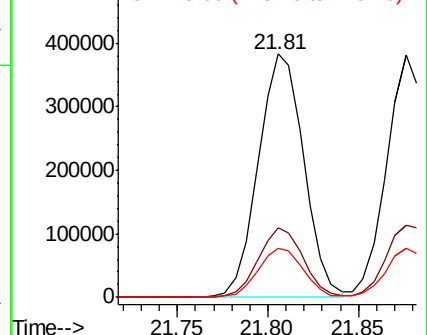


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.032 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

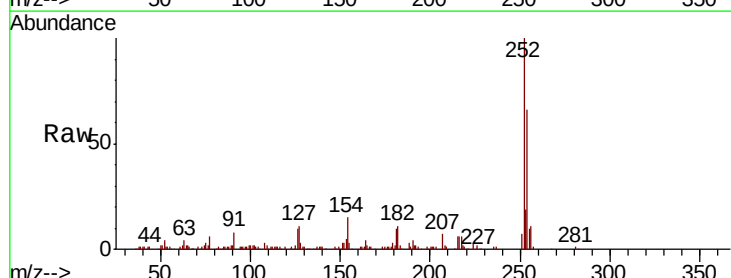
Tgt Ion:252 Resp: 106216

Ion Ratio Lower Upper

252 100

254 65.8 51.3 76.9

126 10.3 8.0 12.0

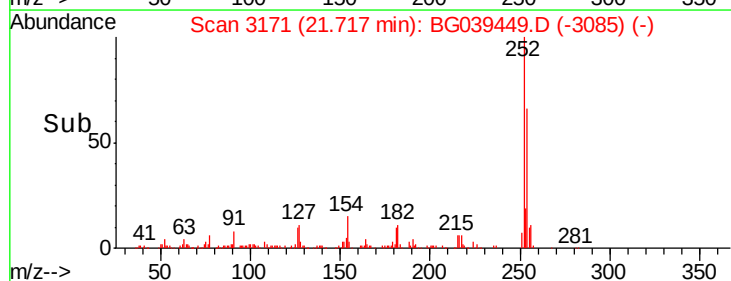
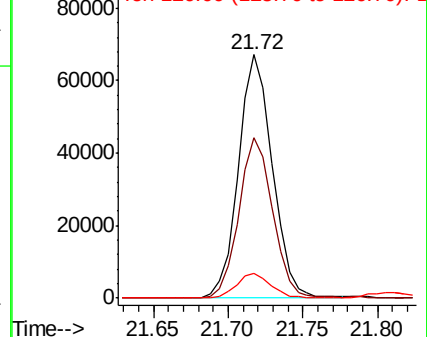


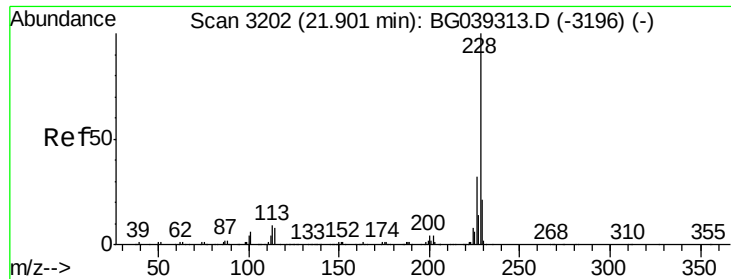
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 27.156 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.02 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

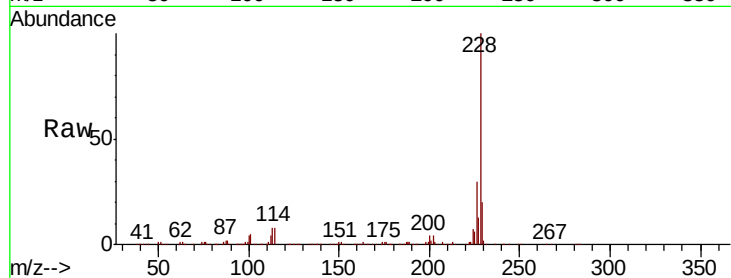
Tgt Ion:228 Resp: 615469

Ion Ratio Lower Upper

228 100

226 29.6 25.8 38.6

229 20.2 16.6 25.0

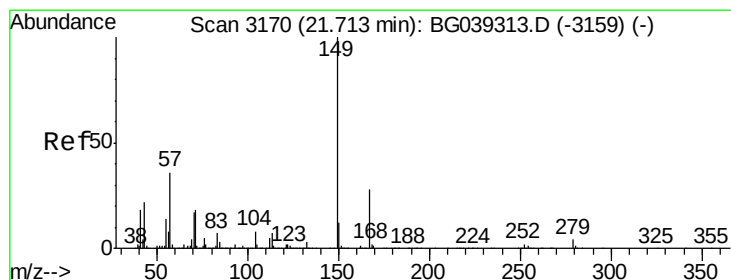
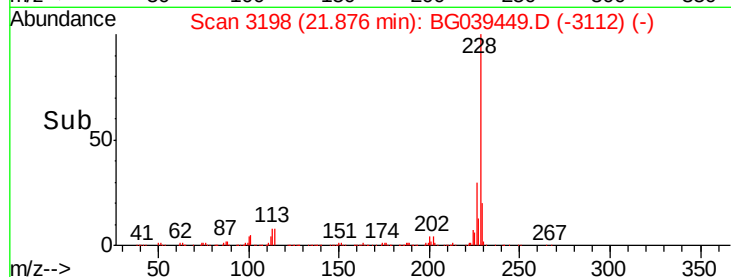
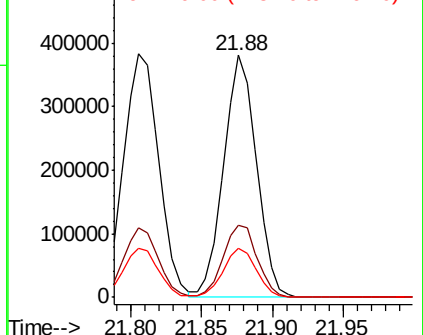


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.447 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

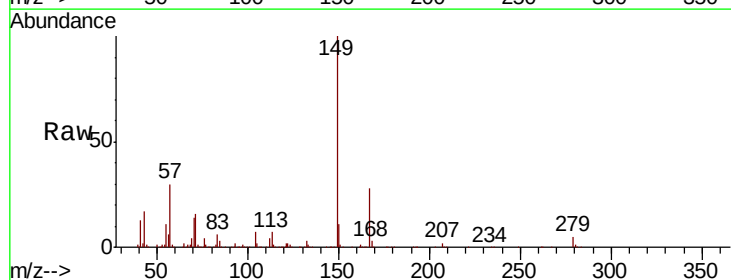
Tgt Ion:149 Resp: 384135

Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

279 4.8 3.5 5.3

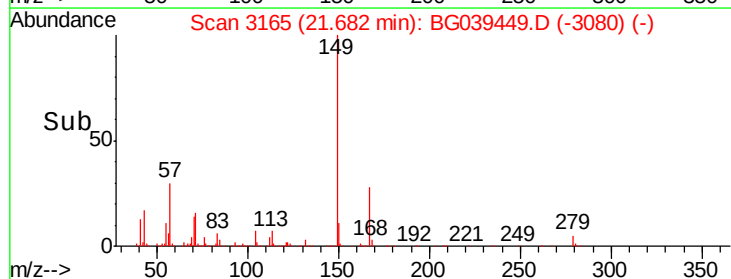
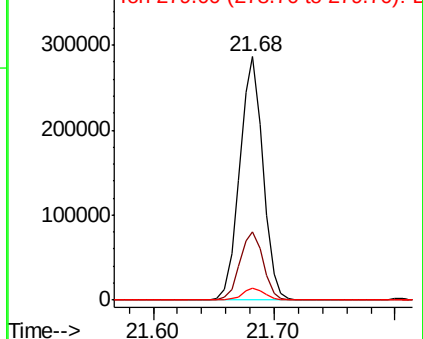


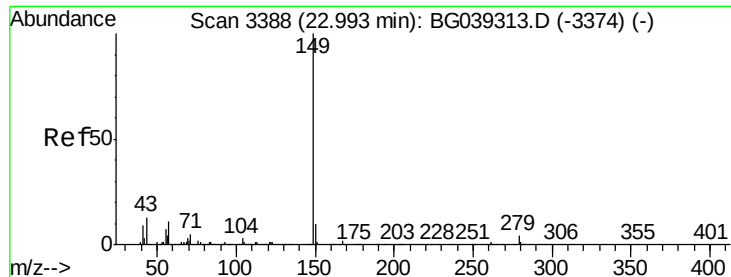
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 26.594 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

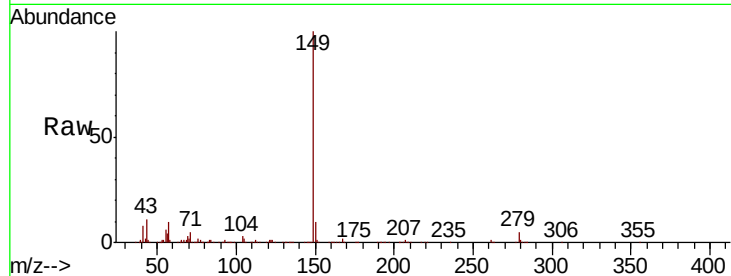
Tgt Ion:149 Resp: 663218

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

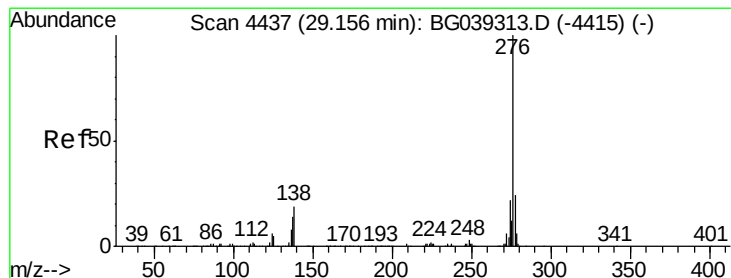
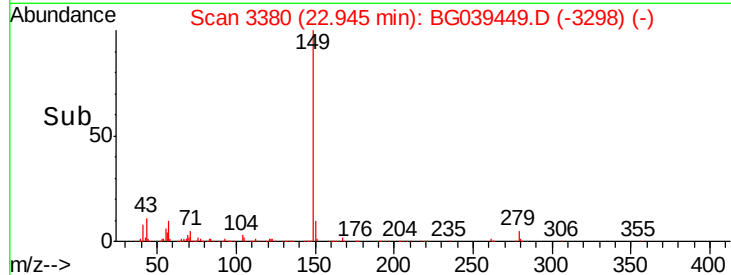
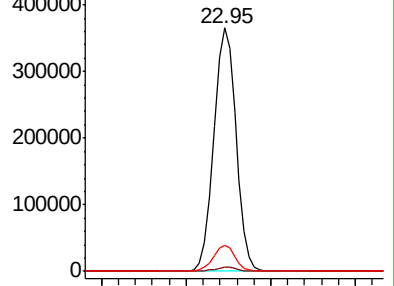
43 10.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.254 ng

RT: 29.10 min Scan# 4427

Delta R.T. -0.06 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

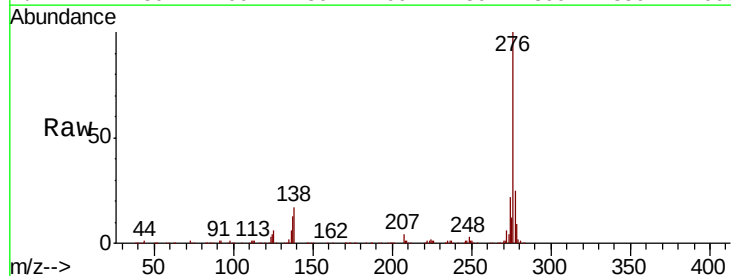
Tgt Ion:276 Resp: 735675

Ion Ratio Lower Upper

276 100

138 14.4 12.6 19.0

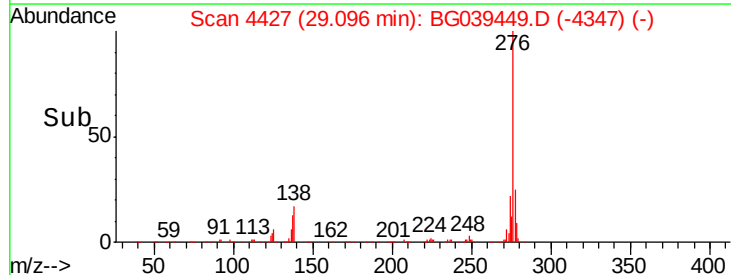
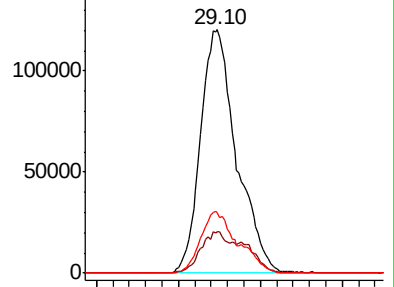
277 26.0 20.8 31.2

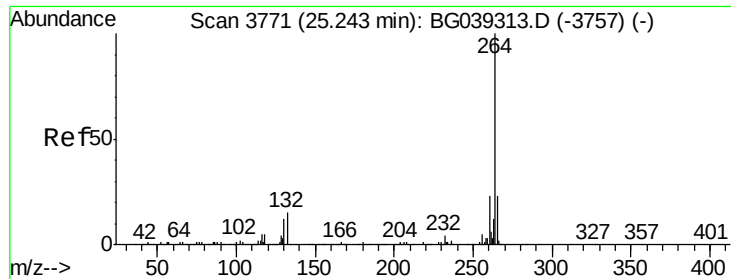


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

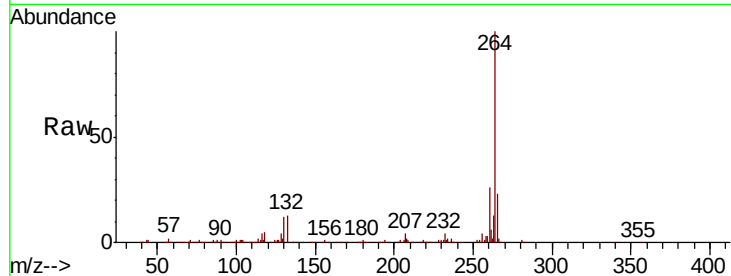




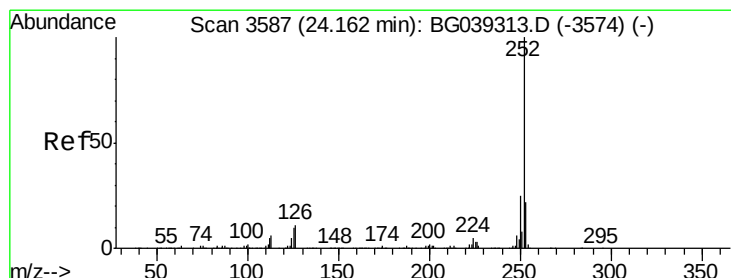
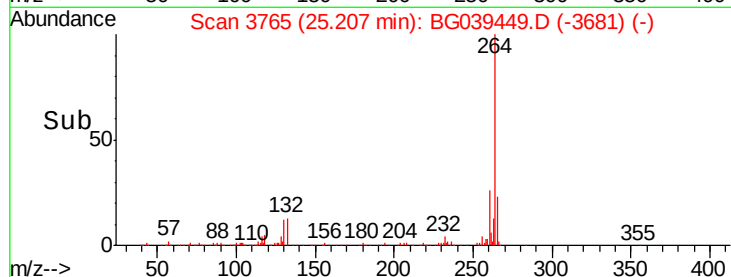
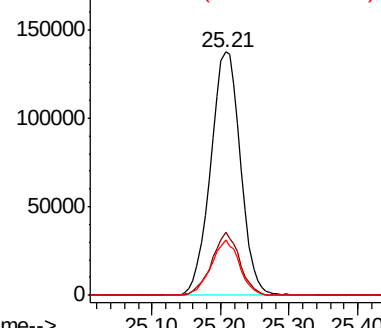
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.2	27.4
265	22.5	18.5	27.7

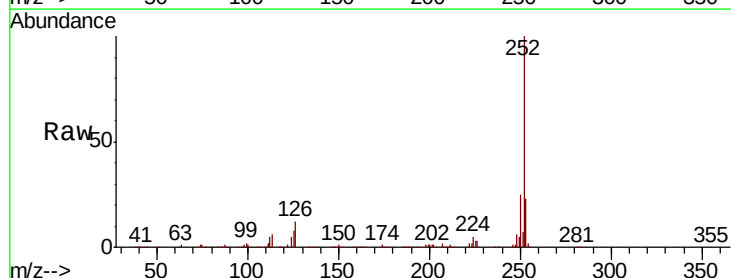


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

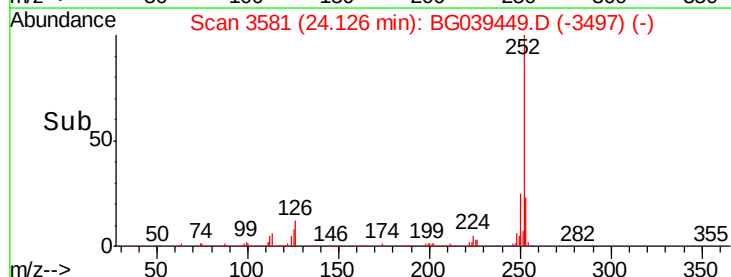
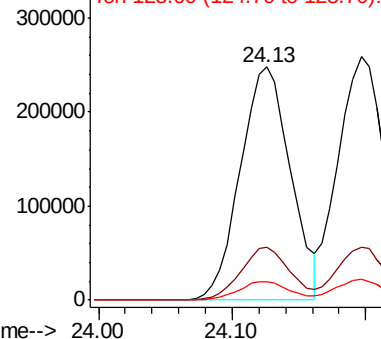


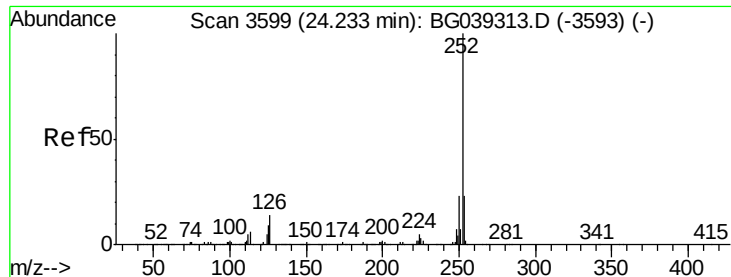
#88
Benzo(b)fluoranthene
Concen: 28.540 ng
RT: 24.13 min Scan# 3581
Delta R.T. -0.04 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.1	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

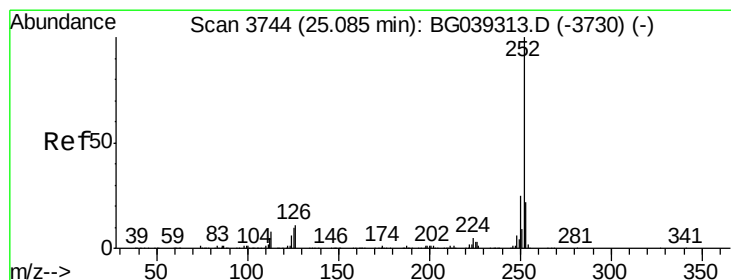
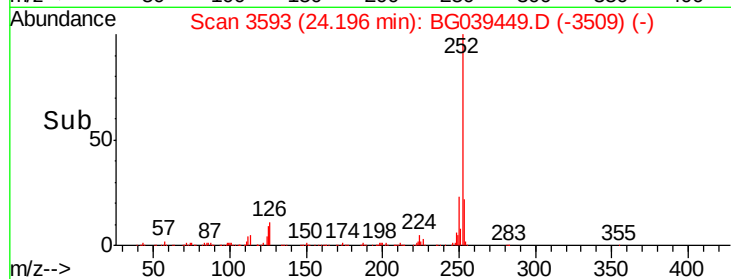
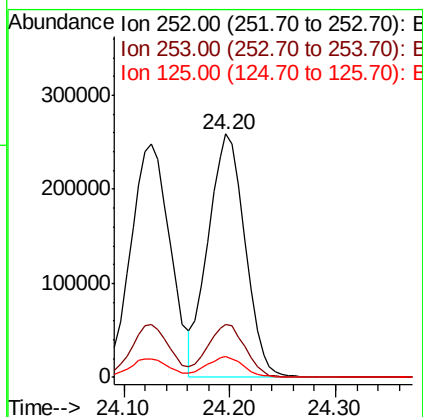
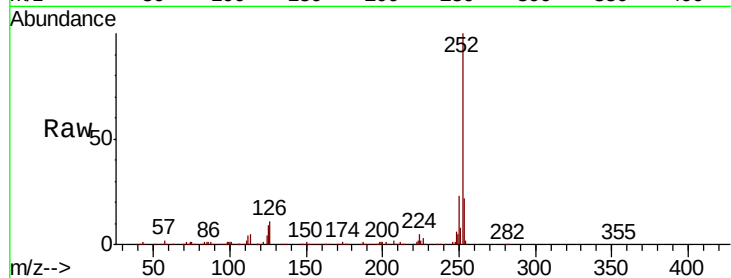




#89
Benzo(k)fluoranthene
Concen: 27.615 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

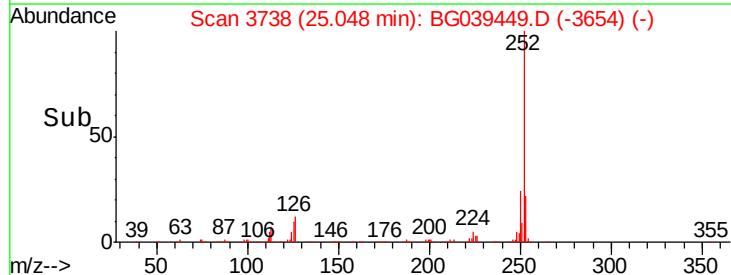
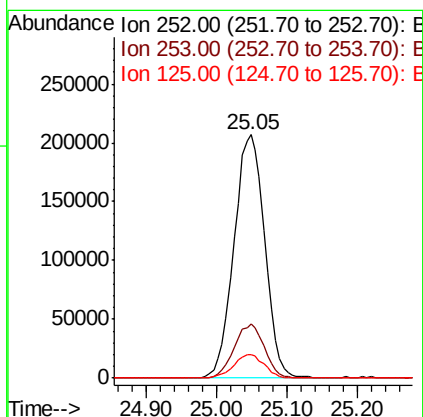
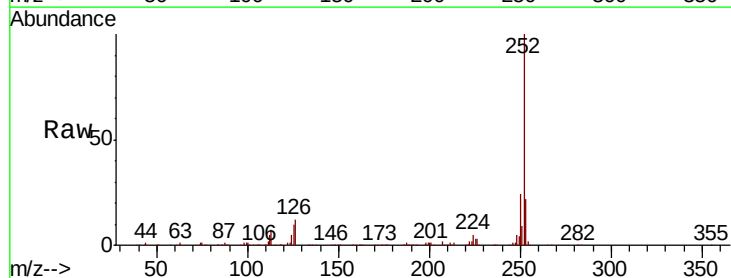
Instrument :
BNA_G
ClientSampleId :
PB116987BS

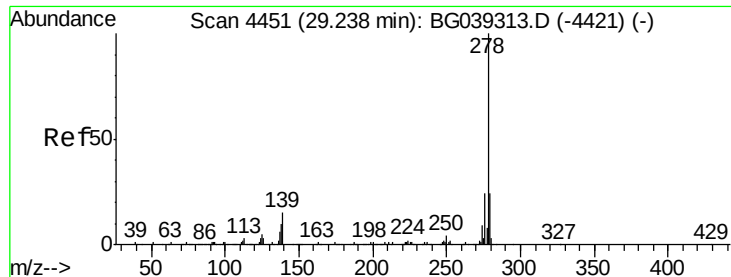
Tgt Ion: 252 Resp: 627470
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 28.671 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039449.D
Acq: 12 Feb 2019 00:43

Tgt Ion: 252 Resp: 624913
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 29.242 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.07 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PB116987BS

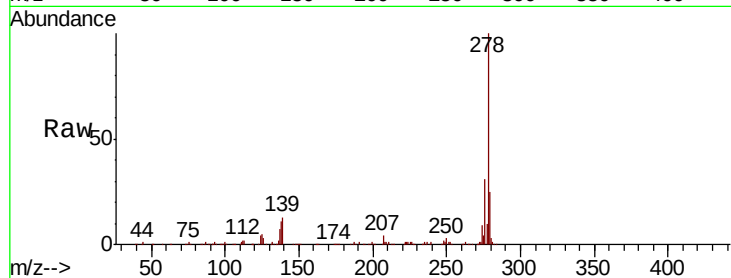
Tgt Ion:278 Resp: 596902

Ion Ratio Lower Upper

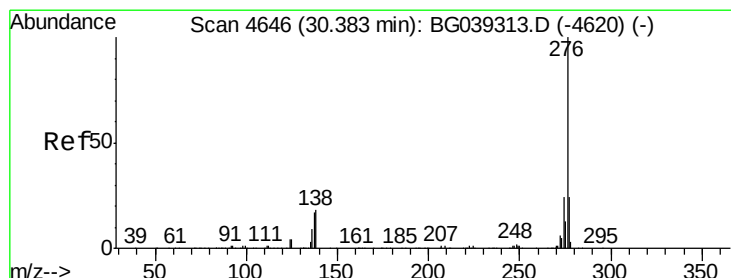
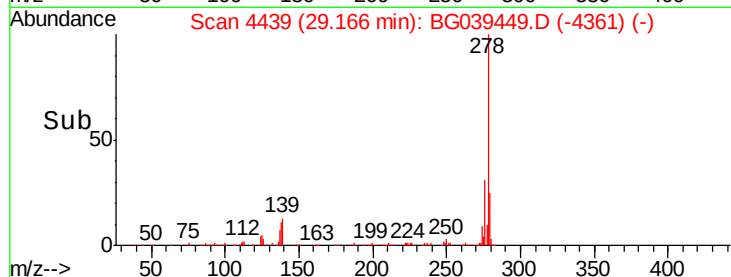
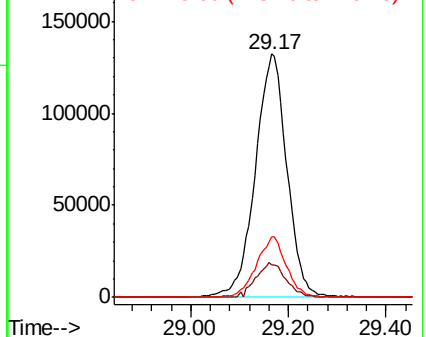
278 100

139 13.4 11.7 17.5

279 24.8 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: 30.021 ng

RT: 30.32 min Scan# 4636

Delta R.T. -0.06 min

Lab File: BG039449.D

Acq: 12 Feb 2019 00:43

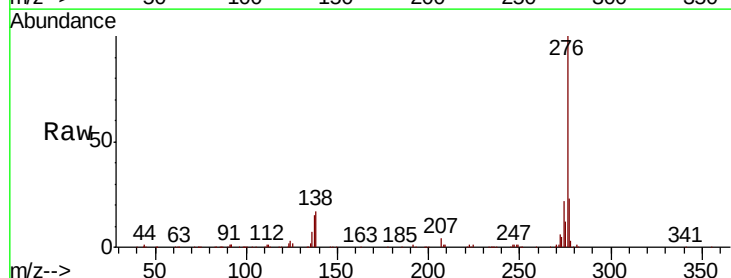
Tgt Ion:276 Resp: 610796

Ion Ratio Lower Upper

276 100

277 22.7 19.6 29.4

138 17.3 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

