

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039385.D
 Acq On : 7 Feb 2019 17:02
 Operator : JU/SJ
 Sample : PB116900BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116900BSD

Quant Time: Feb 08 09:13:01 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	8.18	152	50187	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	220651	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	144484	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	350225	20.00	ng	0.00
76) Chrysene-d12	21.84	240	365866	20.00	ng	-0.01
87) Perylene-d12	25.22	264	374973	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	421733	143.82	ng	0.00
7) Phenol-d6	7.31	99	594628	137.76	ng	0.00
23) Nitrobenzene-d5	9.35	82	321148	90.92	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	221083	142.10	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	789849	78.42	ng	0.00
79) Terphenyl-d14	20.14	244	1331483	77.03	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.60	88	61323	47.81	ng	96
3) Pyridine	4.01	79	135337	39.85	ng	96
4) n-Nitrosodimethylamine	3.92	42	70300	41.39	ng	86
6) Aniline	7.50	93	158146	29.25	ng	99
8) 2-Chlorophenol	7.74	128	147557	46.04	ng	97
9) Benzaldehyde	7.32	77	31129	11.01	ng	94
10) Phenol	7.34	94	204181	45.38	ng	98
11) bis(2-Chloroethyl)ether	7.60	93	142315	40.03	ng	98
12) 1,3-Dichlorobenzene	8.07	146	153344	39.49	ng	97
13) 1,4-Dichlorobenzene	8.21	146	157978	40.82	ng	97
14) 1,2-Dichlorobenzene	8.54	146	149985	40.03	ng	98
15) Benzyl Alcohol	8.41	79	139289	41.10	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	280046	34.88	ng	99
17) 2-Methylphenol	8.61	107	130233	44.73	ng	95
18) Hexachloroethane	9.26	117	55468	41.66	ng	94
19) n-Nitroso-di-n-propylamine	8.98	70	115660	37.75	ng	97
20) 3+4-Methylphenols	8.93	107	178905	44.62	ng	98
22) Acetophenone	9.01	105	219990	37.12	ng	# 95
24) Nitrobenzene	9.40	77	169287	44.37	ng	# 96
25) Isophorone	9.91	82	322299	41.18	ng	99
26) 2-Nitrophenol	10.11	139	76920	50.61	ng	97
27) 2,4-Dimethylphenol	10.15	122	151705	47.91	ng	95
28) bis(2-Chloroethoxy)methane	10.40	93	199633	41.41	ng	97
29) 2,4-Dichlorophenol	10.63	162	158948	45.93	ng	94
30) 1,2,4-Trichlorobenzene	10.86	180	159210	40.98	ng	99
31) Naphthalene	11.05	128	458813	41.91	ng	98
32) Benzoic acid	10.26	122	94245	45.93	ng	97
33) 4-Chloroaniline	11.16	127	104958	20.68	ng	97
34) Hexachlorobutadiene	11.31	225	104279	40.36	ng	97
35) Caprolactam	11.94	113	38285	26.74	ng	# 83
36) 4-Chloro-3-methylphenol	12.25	107	166636	41.64	ng	98
37) 2-Methylnaphthalene	12.64	142	344665	42.51	ng	99
38) 1-Methylnaphthalene	12.86	142	328282	42.01	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	191256	41.60	ng	99

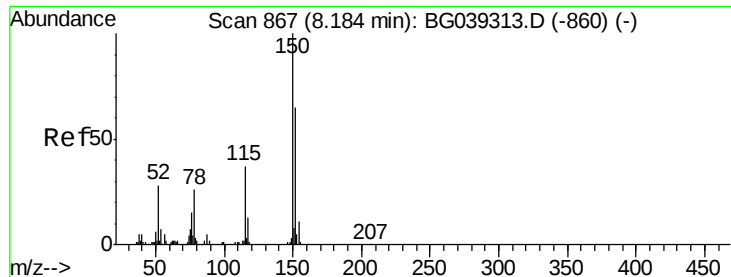
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	240533	96.02	ng	97
43) 2,4,6-Trichlorophenol	13.24	196	127088	44.96	ng	99
44) 2,4,5-Trichlorophenol	13.31	196	138079	46.61	ng	95
46) 1,1'-Biphenyl	13.64	154	464761	38.66	ng	97
47) 2-Chloronaphthalene	13.69	162	355929	39.36	ng	99
48) 2-Nitroaniline	13.89	65	118799	46.12	ng	98
49) Acenaphthylene	14.53	152	566575	41.52	ng	99
50) Dimethylphthalate	14.25	163	460549	39.47	ng	99
51) 2,6-Dinitrotoluene	14.37	165	102732	47.23	ng	97
52) Acenaphthene	14.87	154	344697	38.91	ng	99
53) 3-Nitroaniline	14.71	138	72310	32.81	ng	# 91
54) 2,4-Dinitrophenol	14.91	184	80653	82.40	ng	95
55) Dibenzofuran	15.20	168	562257	39.59	ng	99
56) 4-Nitrophenol	14.99	139	182056	85.83	ng	91
57) 2,4-Dinitrotoluene	15.16	165	144599	51.15	ng	89
58) Fluorene	15.84	166	447855	42.30	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	137253	49.48	ng	97
60) Diethylphthalate	15.60	149	470319	38.98	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	237113	39.55	ng	97
62) 4-Nitroaniline	15.87	138	110851	45.54	ng	92
63) Azobenzene	16.13	77	428637	36.35	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	69454	49.65	ng	97
66) n-Nitrosodiphenylamine	16.05	169	408917	38.40	ng	97
67) 4-Bromophenyl-phenylether	16.72	248	154196	39.69	ng	97
68) Hexachlorobenzene	16.84	284	160075	41.06	ng	94
69) Atrazine	16.99	200	168100	43.20	ng	97
70) Pentachlorophenol	17.18	266	203287	75.03	ng	98
71) Phenanthrene	17.59	178	758400	41.84	ng	100
72) Anthracene	17.68	178	770782	43.17	ng	99
73) Carbazole	17.95	167	687448	38.58	ng	99
74) Di-n-butylphthalate	18.49	149	838368	40.33	ng	99
75) Fluoranthene	19.59	202	930376	44.22	ng	99
77) Benzidine	19.77	184	329727	27.49	ng	98
78) Pyrene	19.95	202	931143	40.88	ng	98
80) Butylbenzylphthalate	20.82	149	389868	40.58	ng	97
81) Benzo(a)anthracene	21.82	228	912311	42.20	ng	99
82) 3,3'-Dichlorobenzidine	21.73	252	214171	26.72	ng	97
83) Chrysene	21.89	228	860076	41.79	ng	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	548357	40.01	ng	99
85) Di-n-octyl phthalate	22.96	149	937487	41.40	ng	96
86) Indeno(1,2,3-cd)pyrene	29.12	276	1027470	46.53	ng	97
88) Benzo(b)fluoranthene	24.14	252	897336	43.88	ng	98
89) Benzo(k)fluoranthene	24.21	252	877326	42.73	ng	99
90) Benzo(a)pyrene	25.07	252	875528	44.46	ng	98
91) Dibenzo(a,h)anthracene	29.20	278	824258	44.69	ng	98
92) Benzo(g,h,i)perylene	30.35	276	825984	44.93	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039385.D

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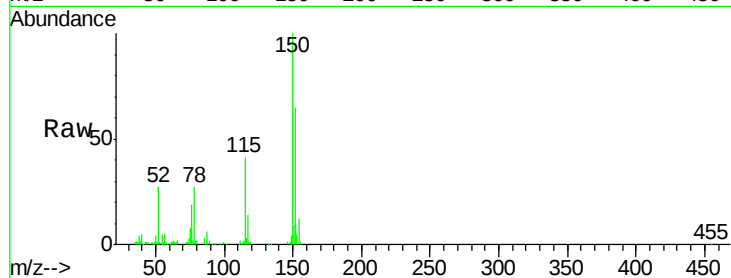
Tot Ion:152 Resp: 50187

Ion Ratio Lower Upper

152 100

150 154.5 123.7 185.5

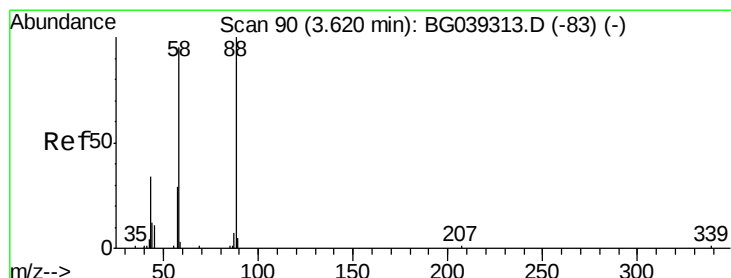
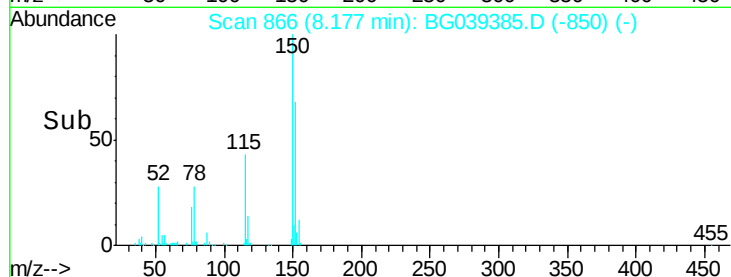
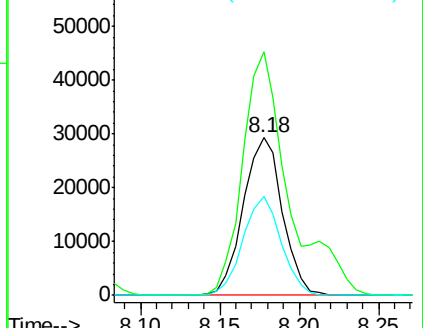
115 63.1 45.9 68.9



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: 47.81 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

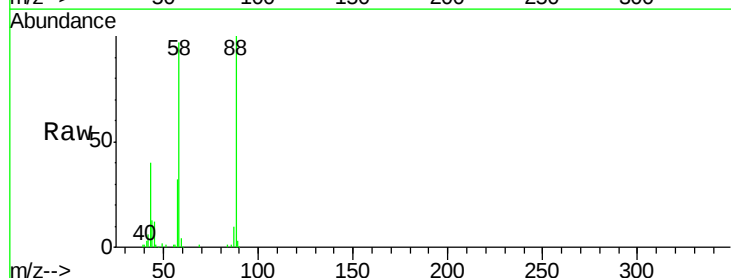
Tgt Ion: 88 Resp: 61323

Ion Ratio Lower Upper

88 100

58 98.6 81.1 121.7

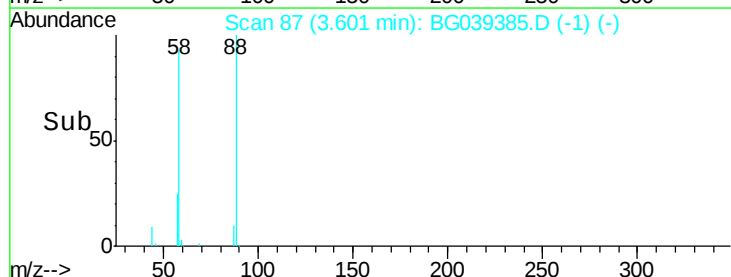
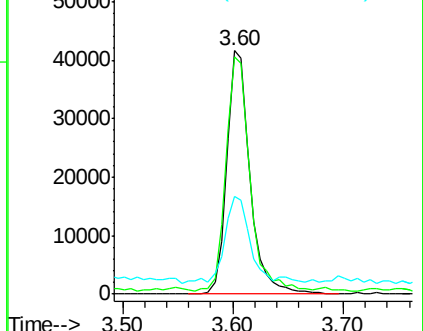
43 35.9 31.4 47.0

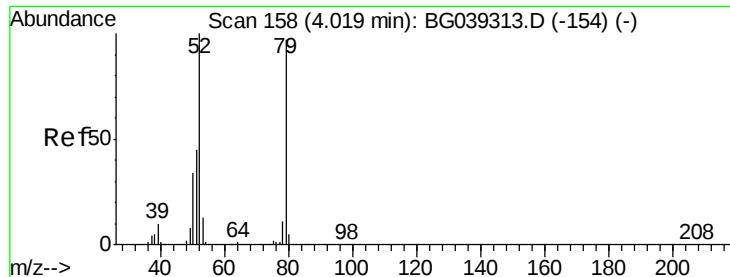


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.85 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

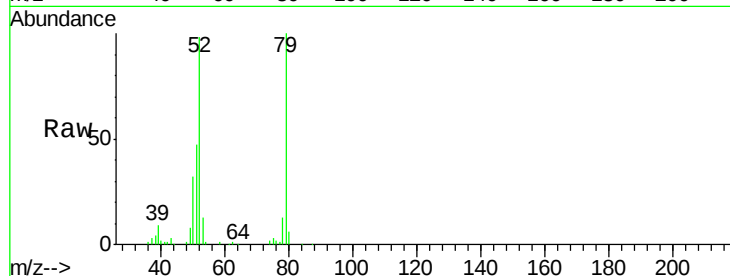
Tot Ion: 79 Resp: 135337

Ion Ratio Lower Upper

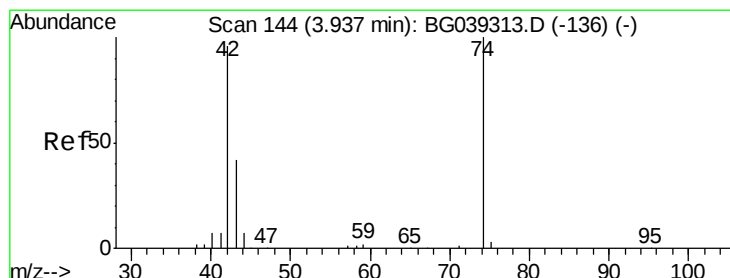
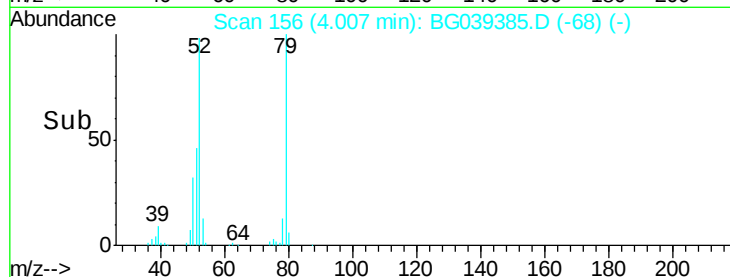
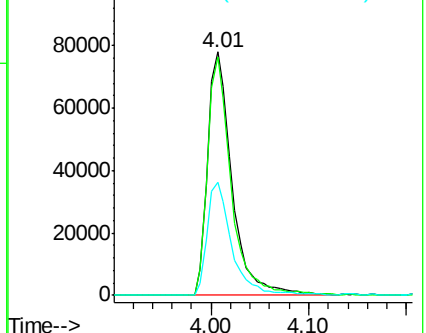
79 100

52 97.7 82.6 124.0

51 46.6 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.39 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

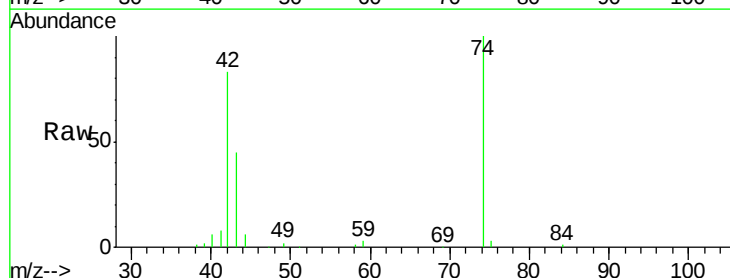
Tgt Ion: 42 Resp: 70300

Ion Ratio Lower Upper

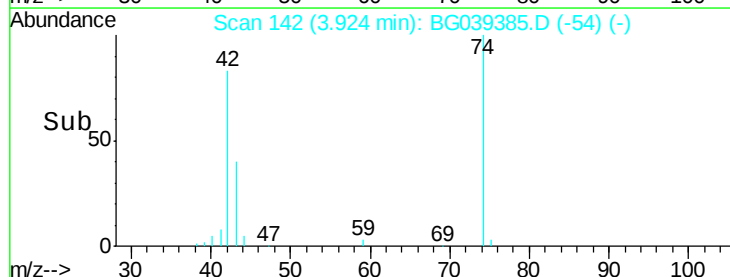
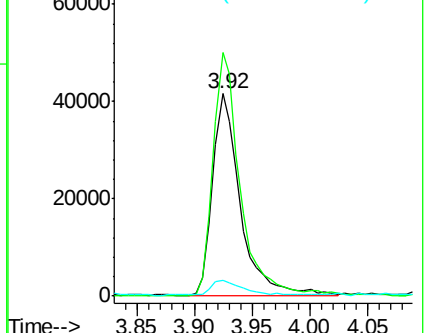
42 100

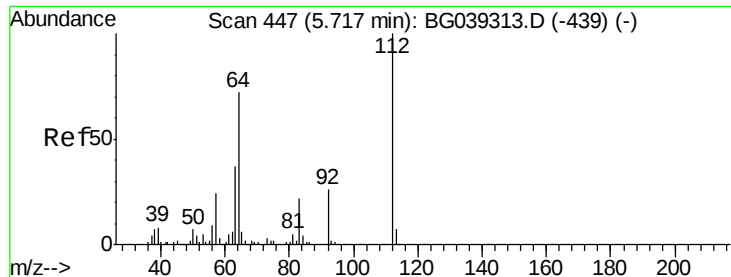
74 120.3 83.6 125.4

44 7.6 6.9 10.3



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





#5

2-Fluorophenol

Concen: 143.82 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

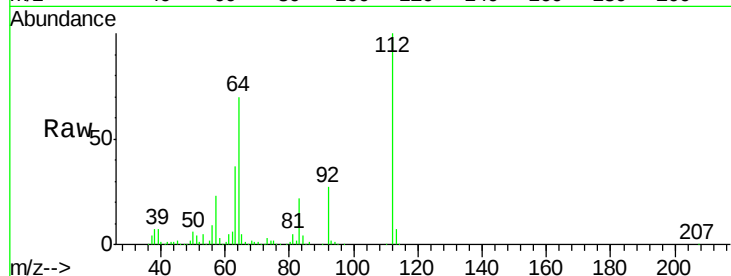
Tot Ion:112 Resp: 421733

Ion Ratio Lower Upper

112 100

64 70.1 57.8 86.8

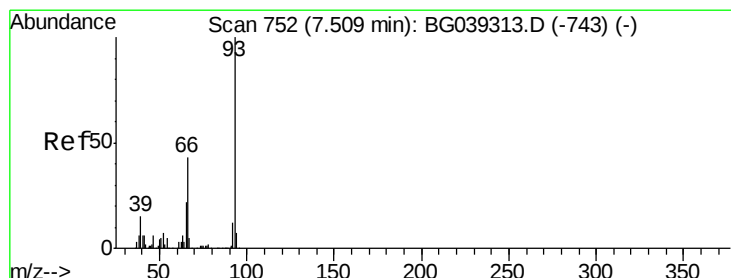
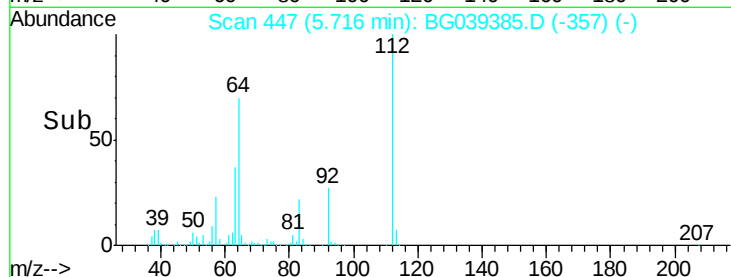
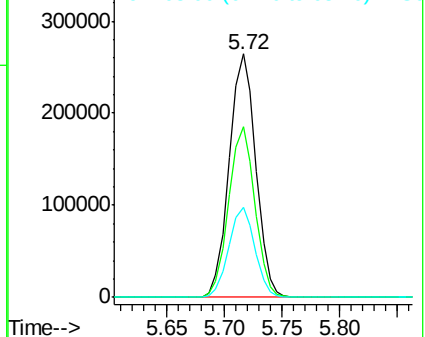
63 37.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.25 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

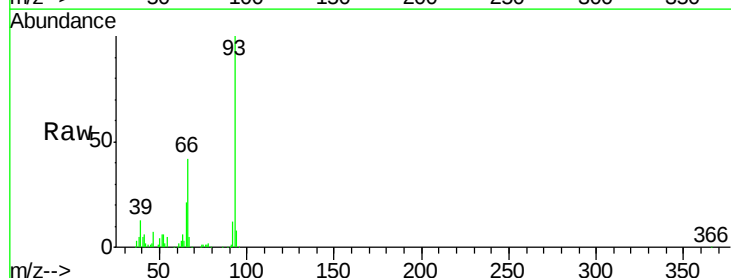
Tgt Ion: 93 Resp: 158146

Ion Ratio Lower Upper

93 100

66 42.3 34.2 51.4

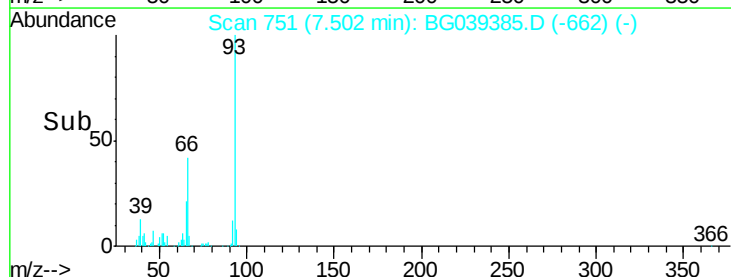
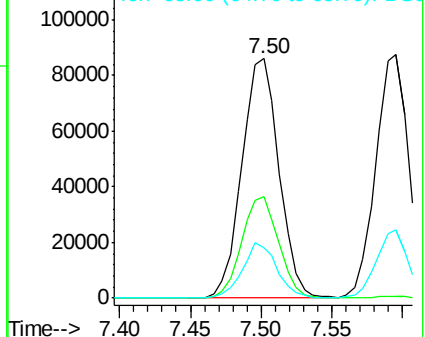
65 21.1 17.7 26.5

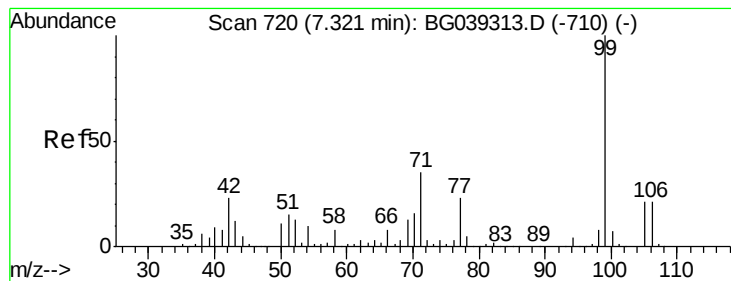


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.76 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039385.D

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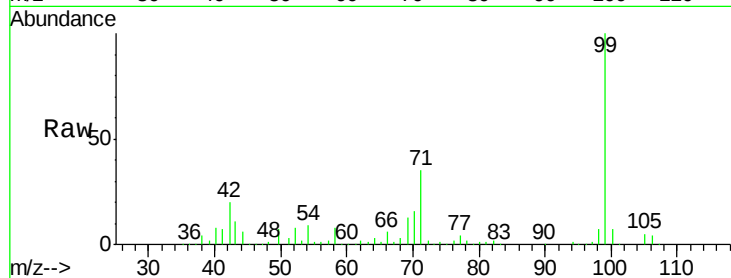
Tot Ion: 99 Resp: 594628

Ion Ratio Lower Upper

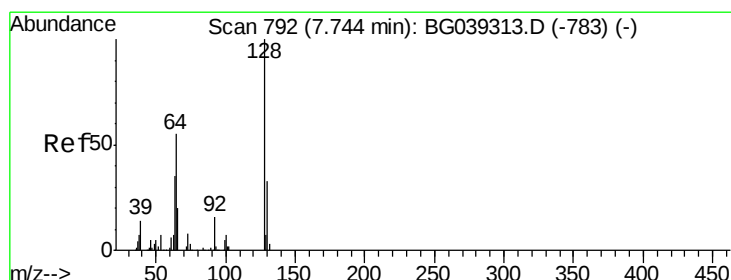
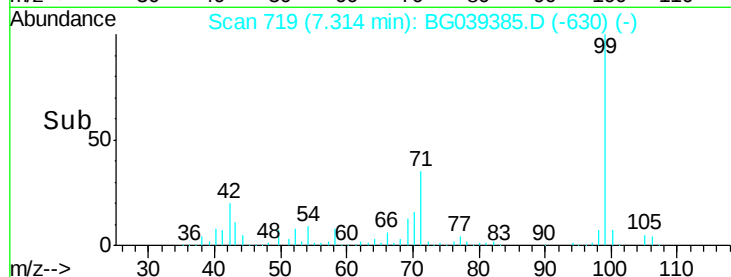
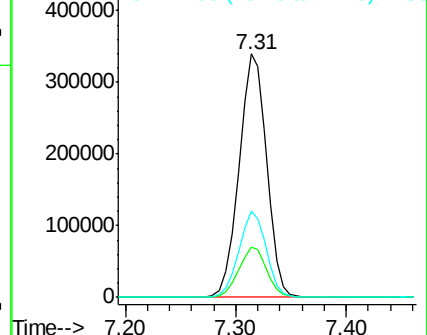
99 100

42 20.5 18.2 27.2

71 35.3 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: 46.04 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

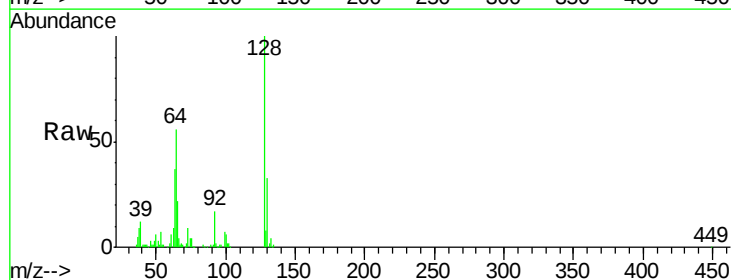
Tgt Ion:128 Resp: 147557

Ion Ratio Lower Upper

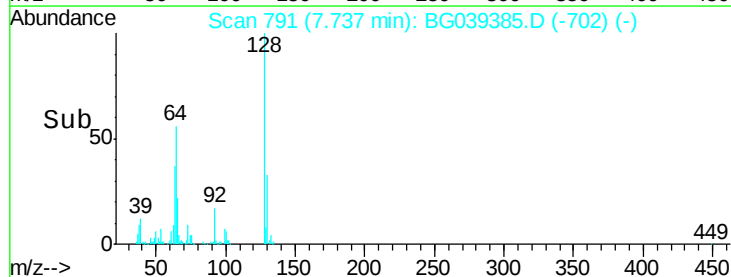
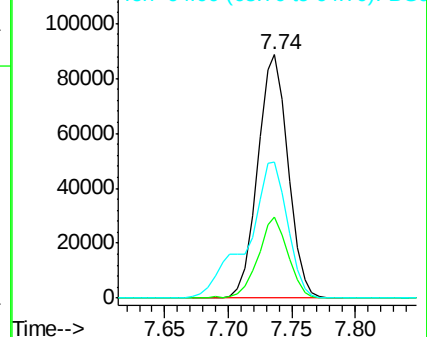
128 100

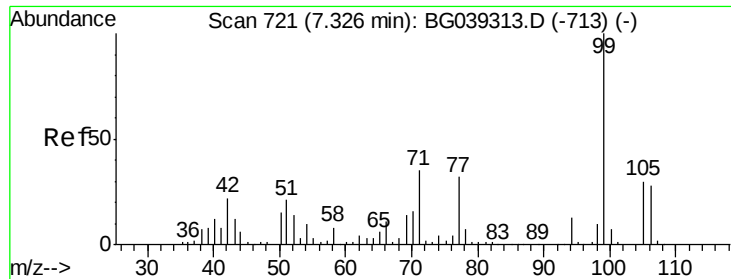
130 33.5 12.9 52.9

64 55.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 11.01 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

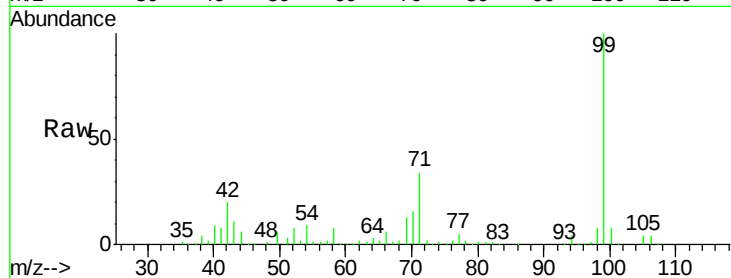
Tot Ion: 77 Resp: 31129

Ion Ratio Lower Upper

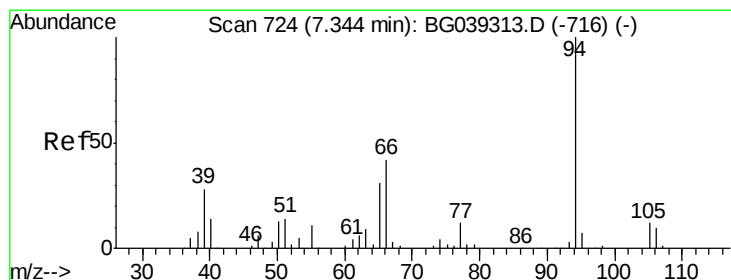
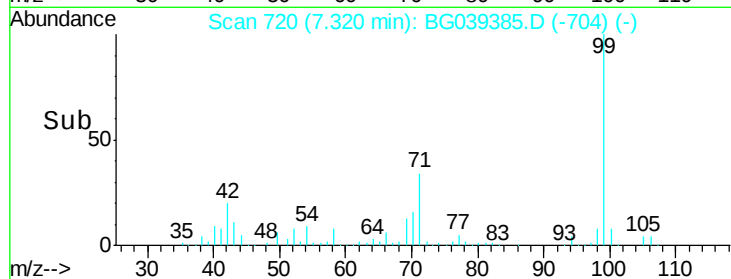
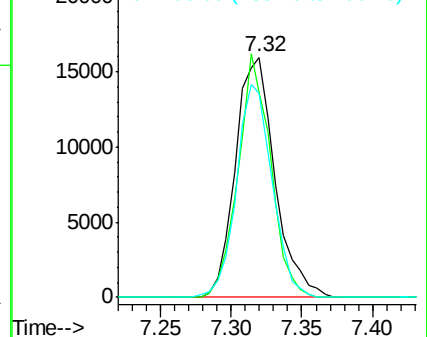
77 100

105 85.4 74.5 114.5

106 85.1 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: 45.38 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

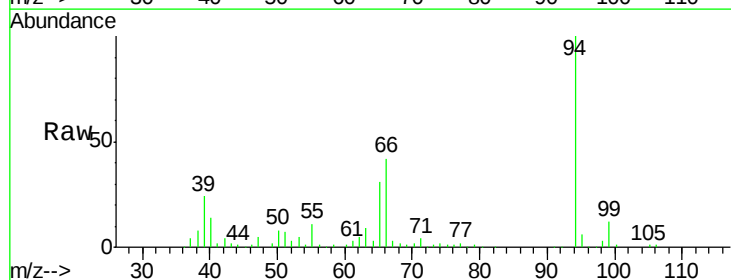
Tgt Ion: 94 Resp: 204181

Ion Ratio Lower Upper

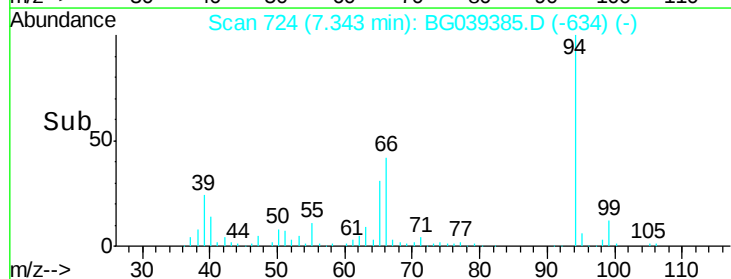
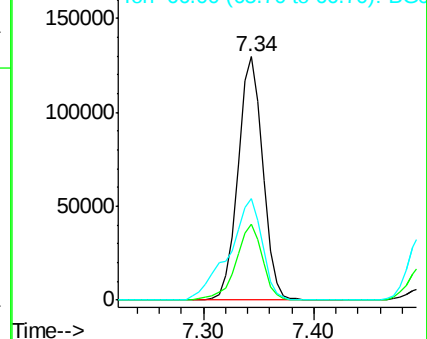
94 100

65 31.2 11.7 51.7

66 42.0 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: 40.03 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

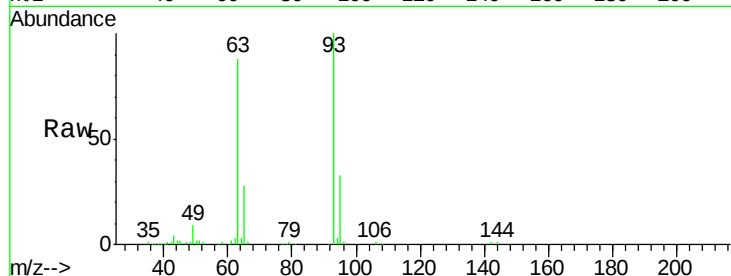
Tot Ion: 93 Resp: 142315

Ion Ratio Lower Upper

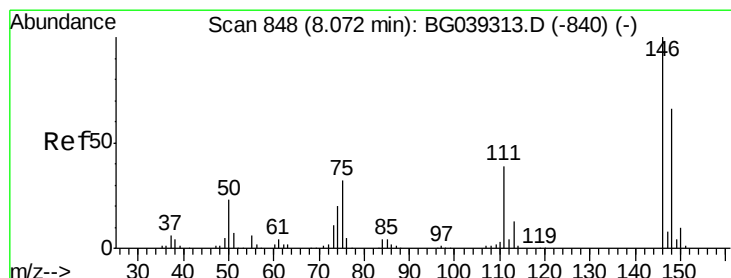
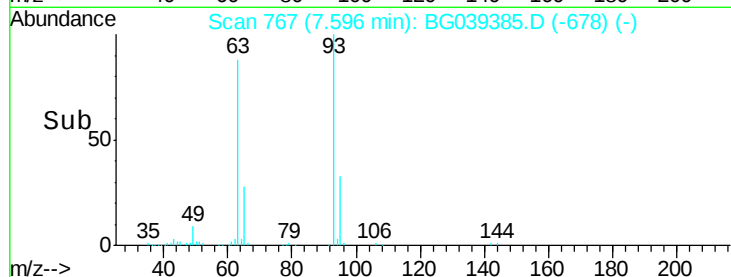
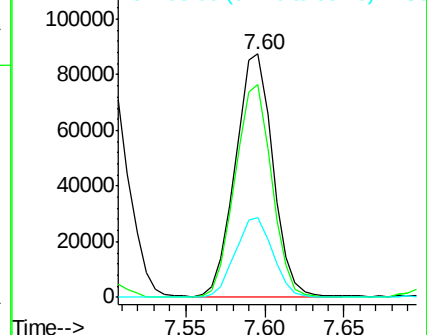
93 100

63 87.6 69.5 109.5

95 32.5 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 39.49 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

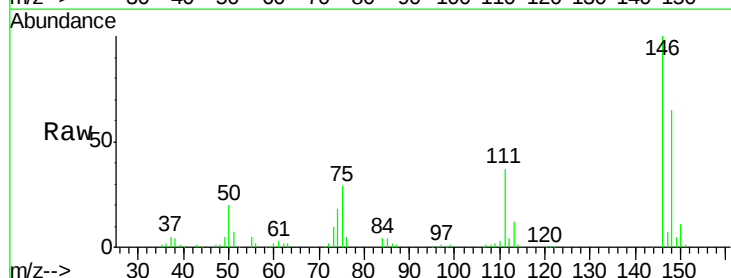
Tgt Ion: 146 Resp: 153344

Ion Ratio Lower Upper

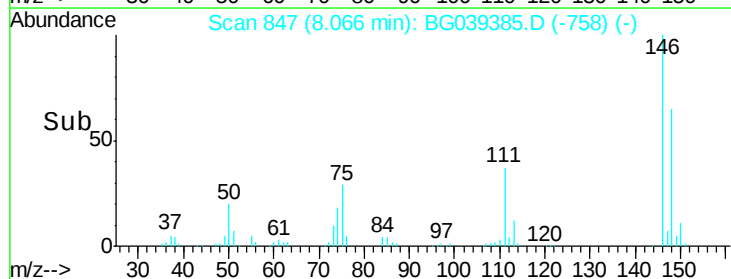
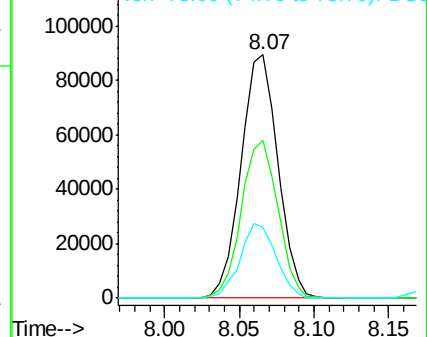
146 100

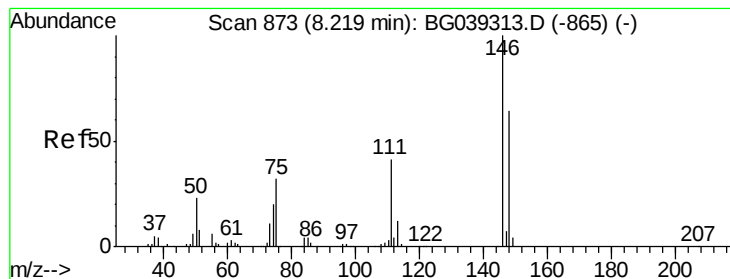
148 64.9 52.6 79.0

75 29.1 25.8 38.6



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





#13

1,4-Dichlorobenzene

Concen: 40.82 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

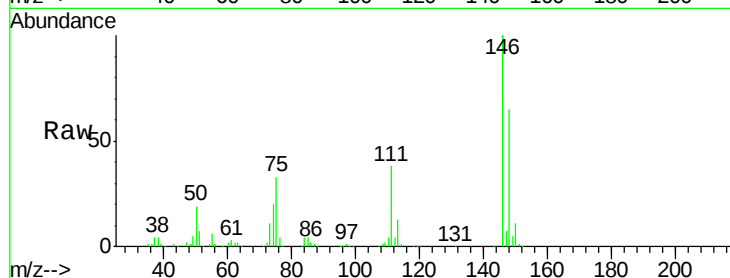
Tot Ion:146 Resp: 157978

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

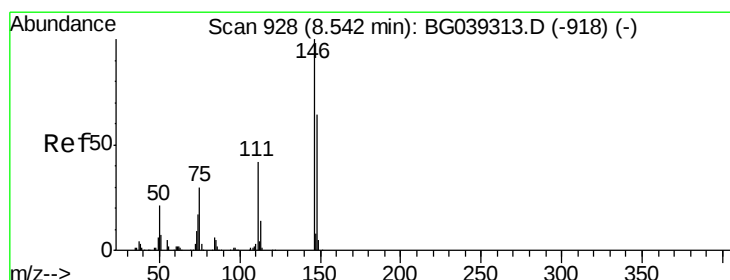
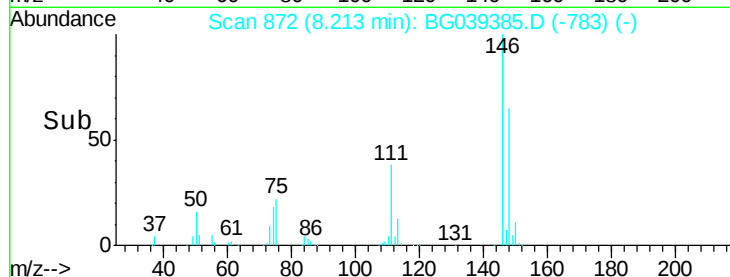
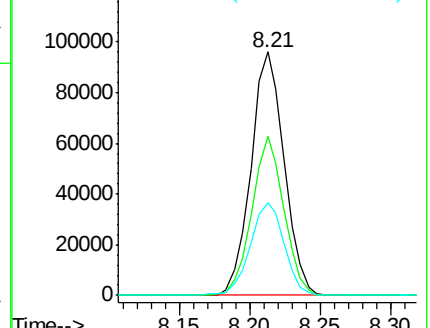
111 38.1 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.03 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

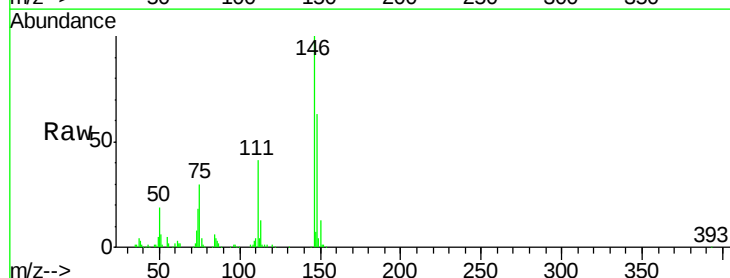
Tgt Ion:146 Resp: 149985

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

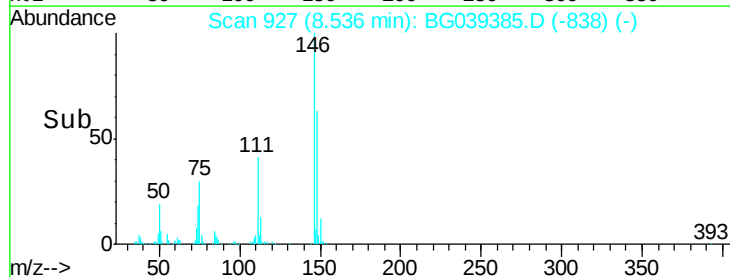
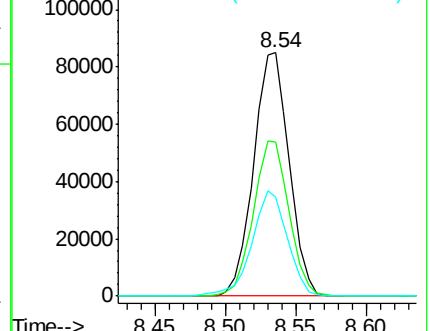
111 40.9 33.8 50.6

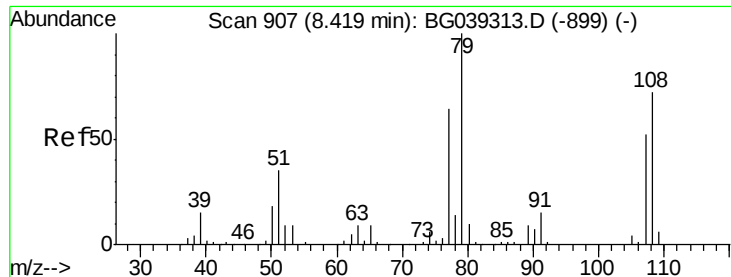


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.10 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleID :

PB116900BSD

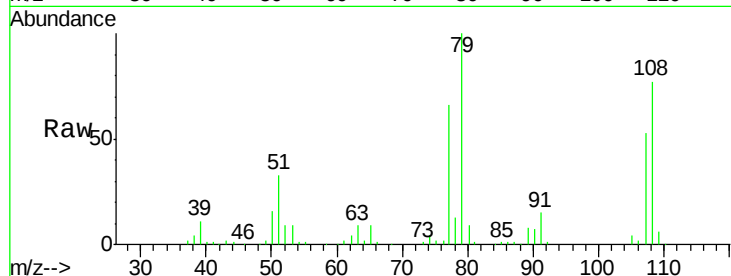
Tot Ion: 79 Resp: 139289

Ion Ratio Lower Upper

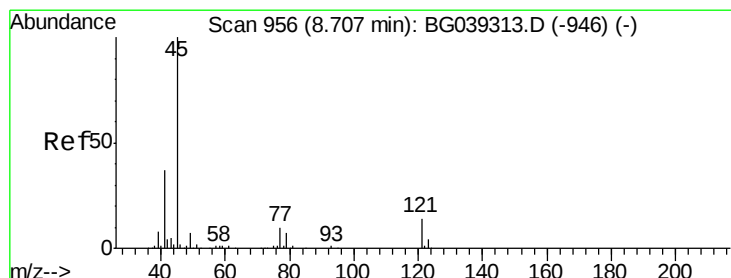
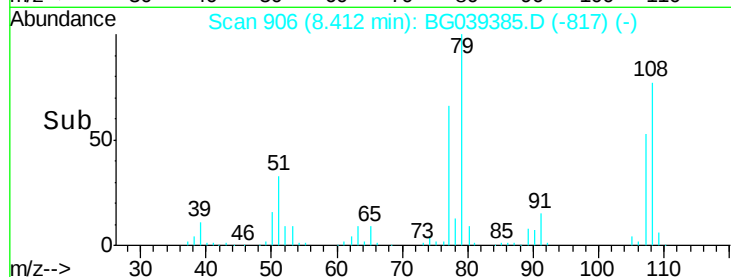
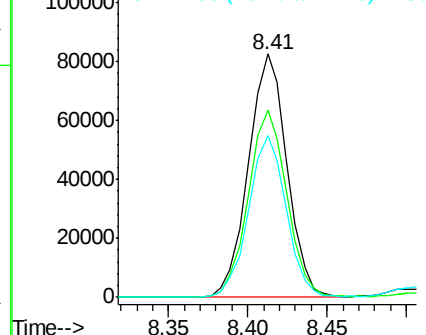
79 100

108 77.1 57.8 86.6

77 66.2 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.88 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

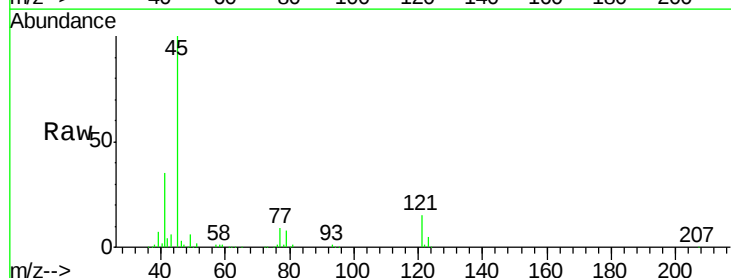
Tgt Ion: 45 Resp: 280046

Ion Ratio Lower Upper

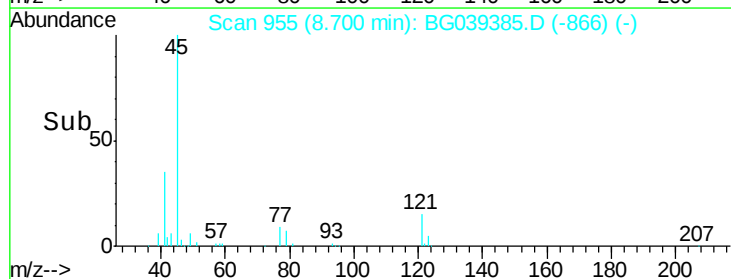
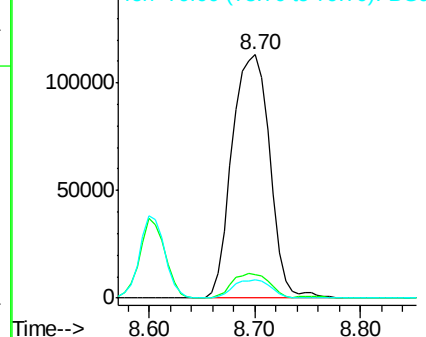
45 100

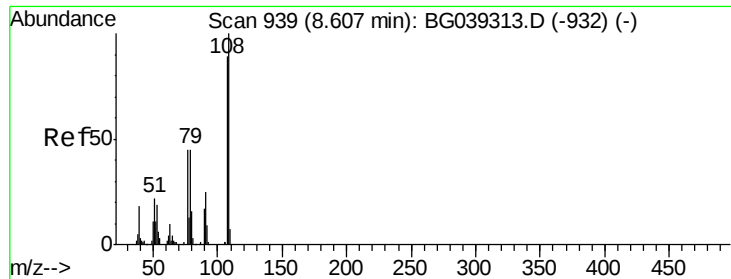
77 9.4 0.0 30.0

79 7.5 0.0 27.5



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





#17

2-Methylphenol

Concen: 44.73 ng

RT: 8.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

Tot Ion:107 Resp: 130233

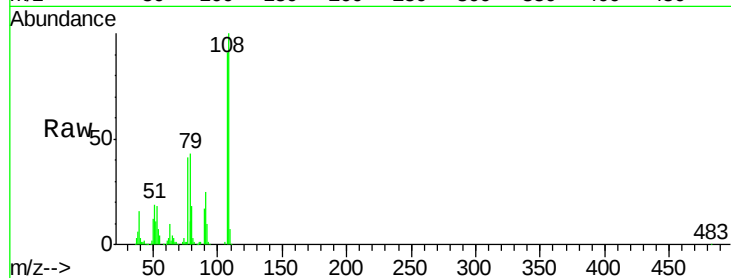
Ion Ratio Lower Upper

107 100

108 110.2 90.8 136.2

77 45.0 40.7 61.1

79 47.8 40.6 60.8



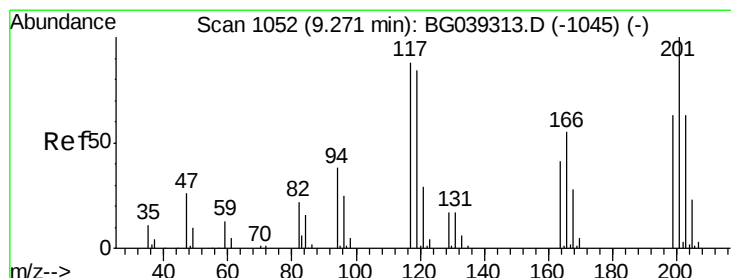
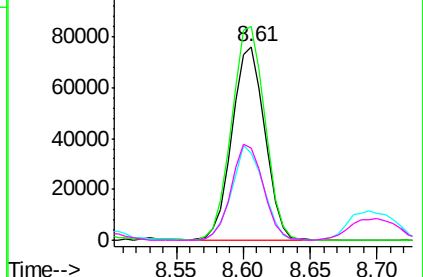
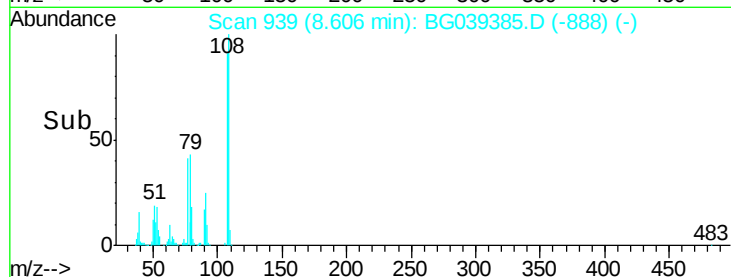
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time-->



#18

Hexachloroethane

Concen: 41.66 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

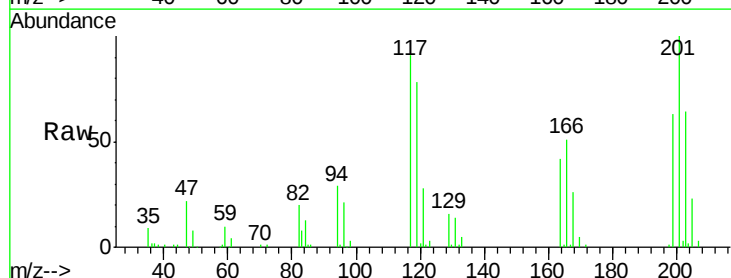
Tgt Ion:117 Resp: 55468

Ion Ratio Lower Upper

117 100

119 86.5 76.3 114.5

201 110.4 91.1 136.7

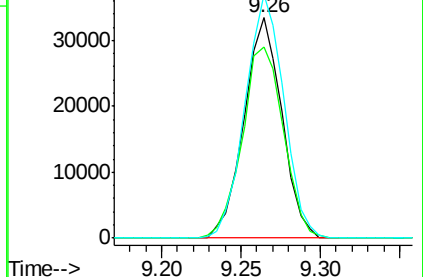
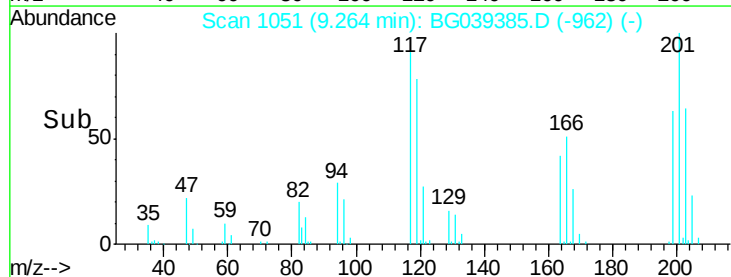


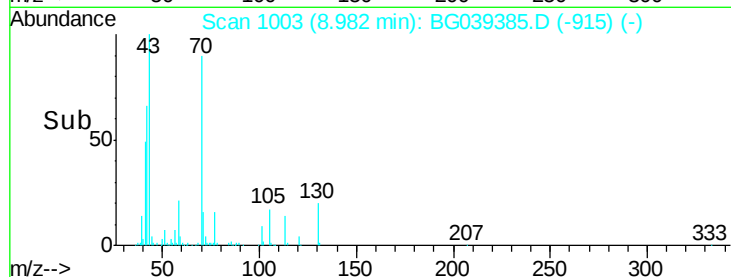
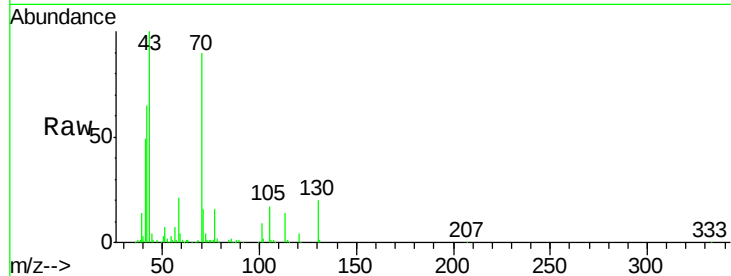
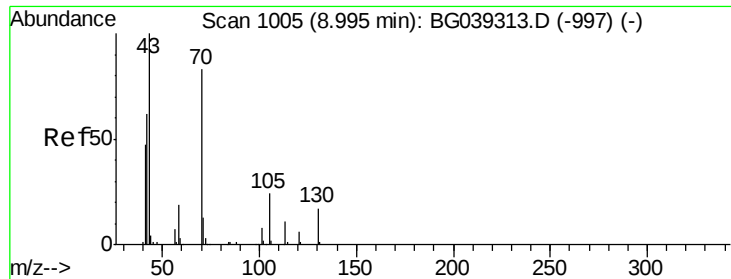
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

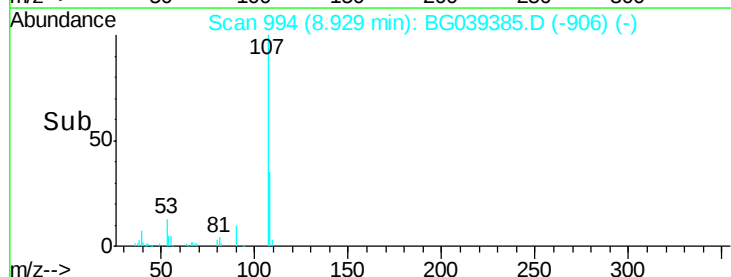
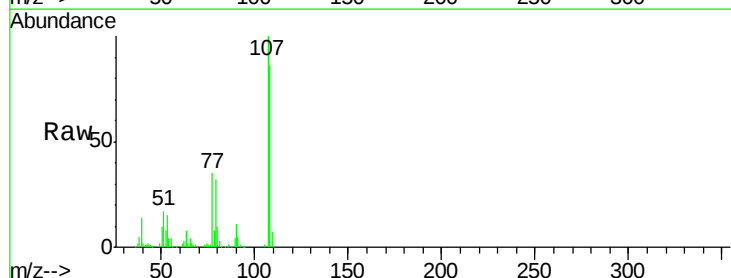
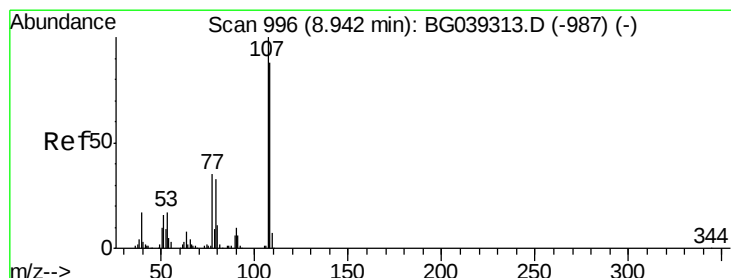
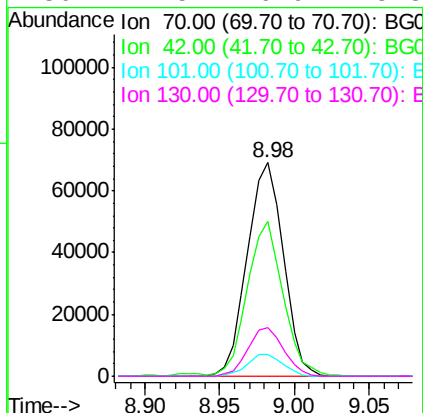




#19
n-Nitroso-di-n-propylamine
Concen: 37.75 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

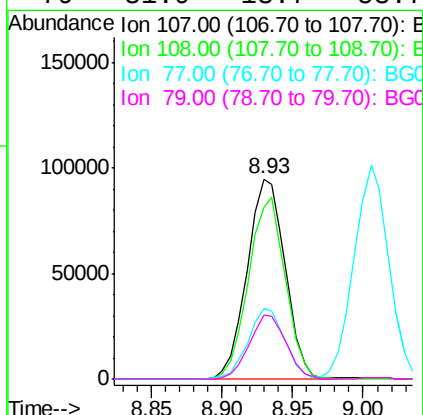
Instrument :
BNA_G
ClientSampleId :
PB116900BSD

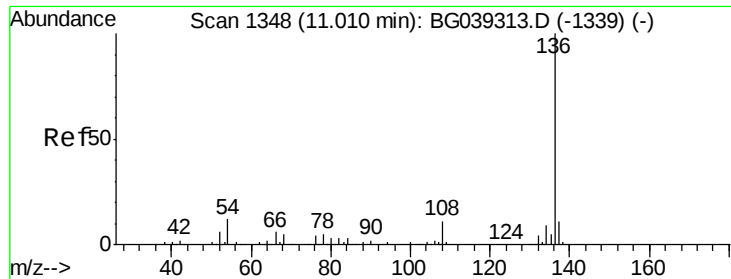
Tot Ion:	70	Resp:	115660
Ion	Ratio	Lower	Upper
70	100		
42	72.8	60.4	90.6
101	10.3	7.5	11.3
130	22.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.62 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion:	107	Resp:	178905
Ion	Ratio	Lower	Upper
107	100		
108	85.7	67.9	107.9
77	35.2	15.4	55.4
79	31.9	13.7	53.7

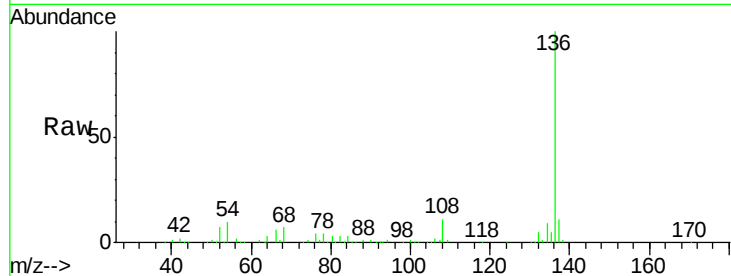




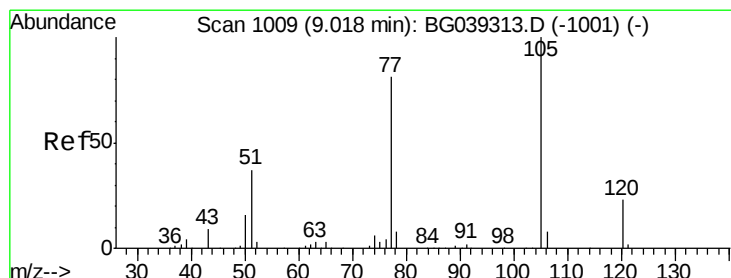
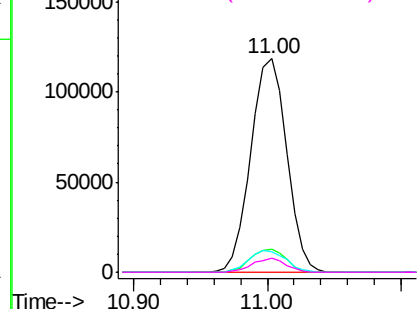
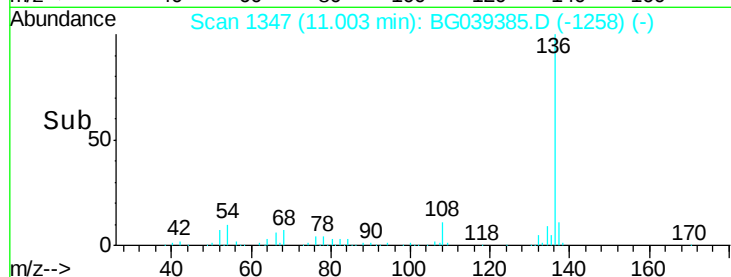
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB116900BSD

Tot Ion:136	Resp:	220651
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	9.9	9.4 14.2
68	6.6	4.2 6.4#

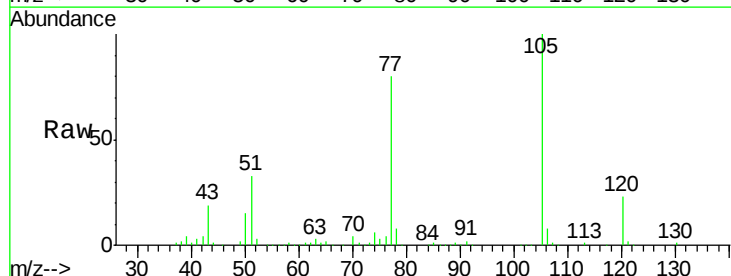


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

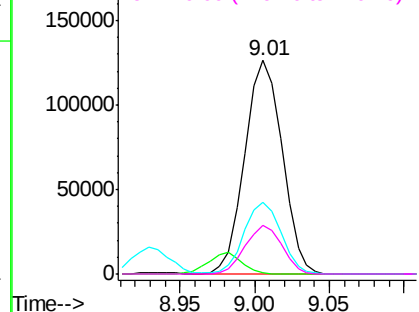
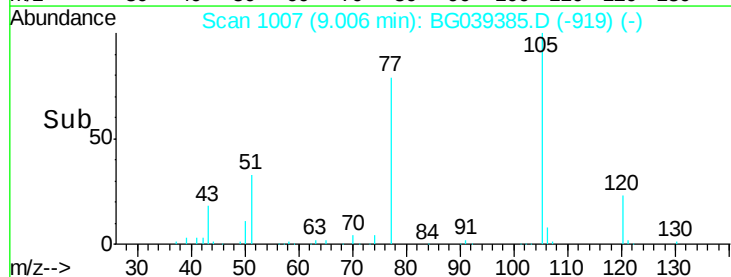


#22
Acetophenone
Concen: 37.12 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion:105	Resp:	219990
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.8 1.2#
51	33.3	30.2 45.2
120	23.0	18.0 27.0



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

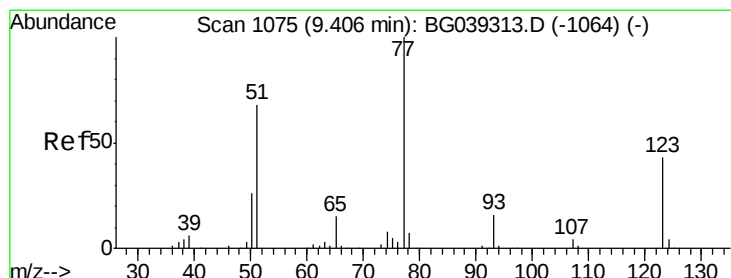
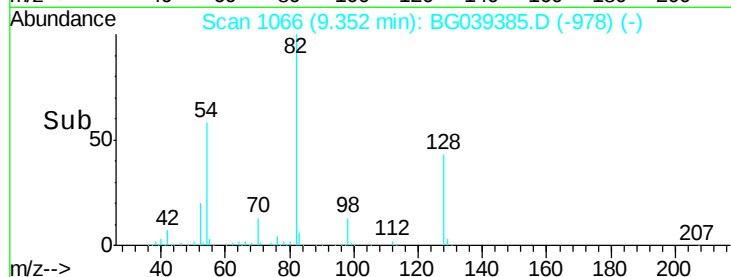
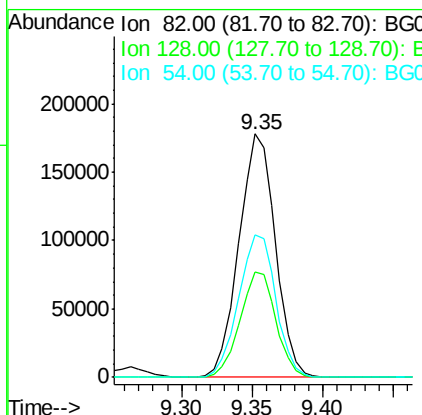
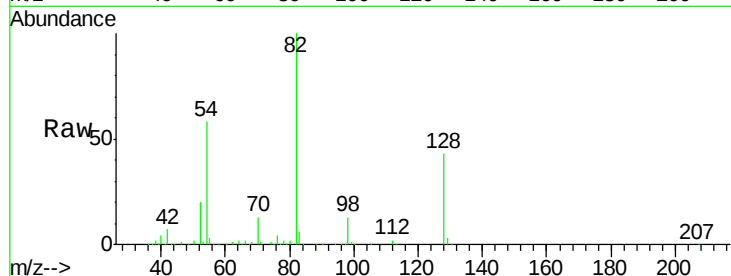




#23
 Nitrobenzene-d5
 Concen: 90.92 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

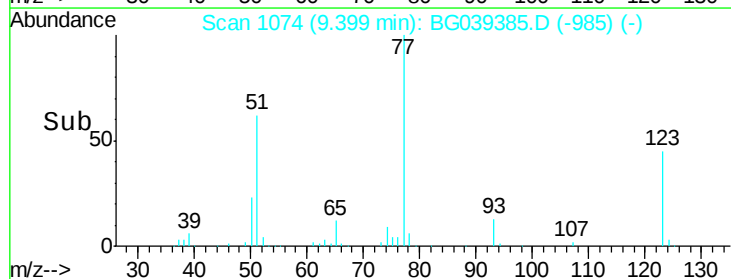
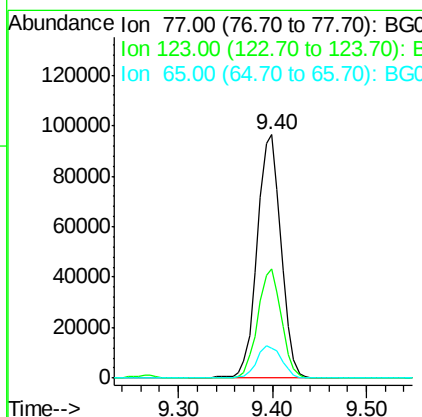
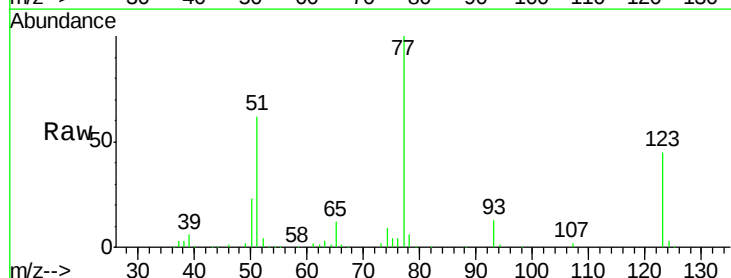
Instrument :
 BNA_G
 ClientSampleId :
 PB116900BSD

Tot Ion: 82 Resp: 321148
 Ion Ratio Lower Upper
 82 100
 128 43.5 31.3 46.9
 54 58.4 50.9 76.3



#24
 Nitrobenzene
 Concen: 44.37 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

Tgt Ion: 77 Resp: 169287
 Ion Ratio Lower Upper
 77 100
 123 44.8 34.1 51.1
 65 12.3 12.3 18.5#





#25

Isophorone

Concen: 41.18 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

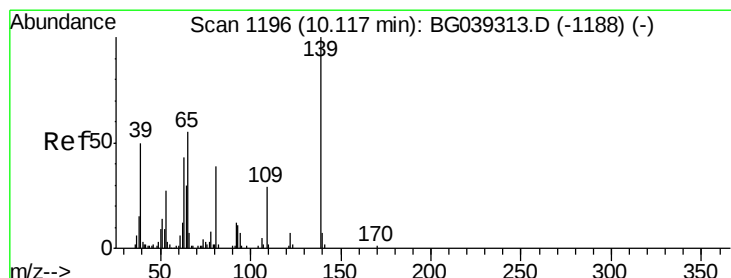
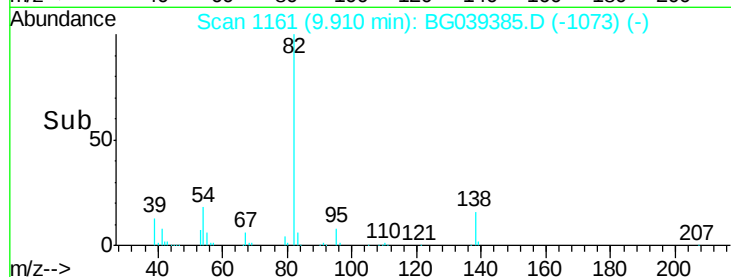
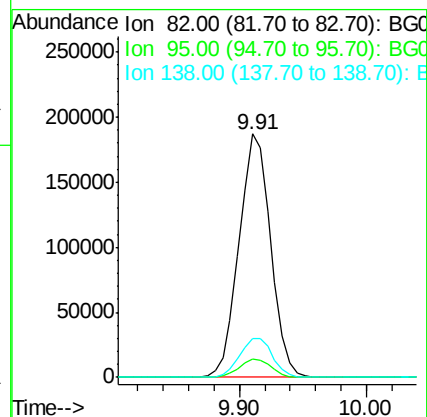
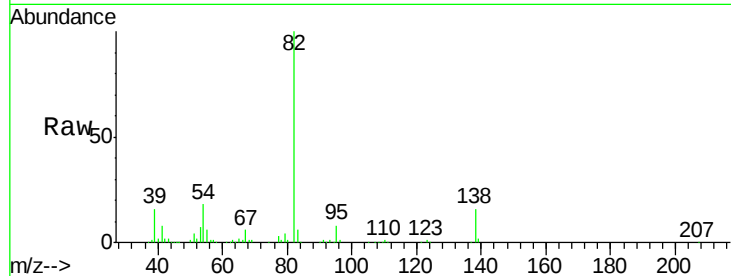
Tot Ion: 82 Resp: 322299

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 15.8 13.0 19.4



#26

2-Nitrophenol

Concen: 50.61 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

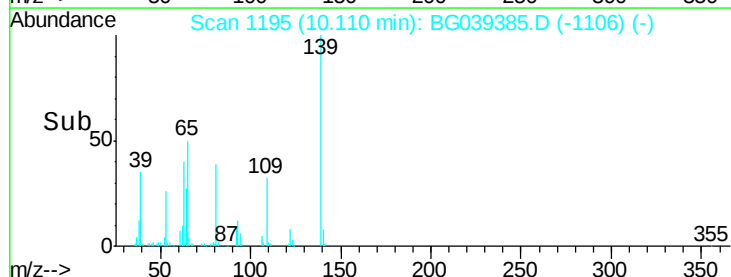
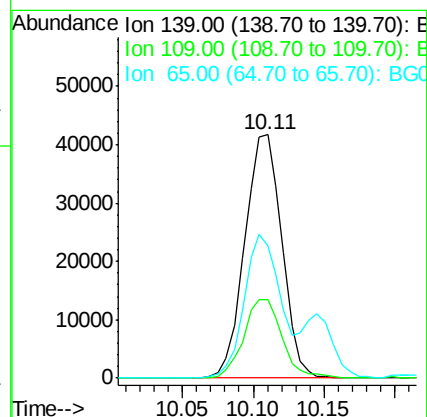
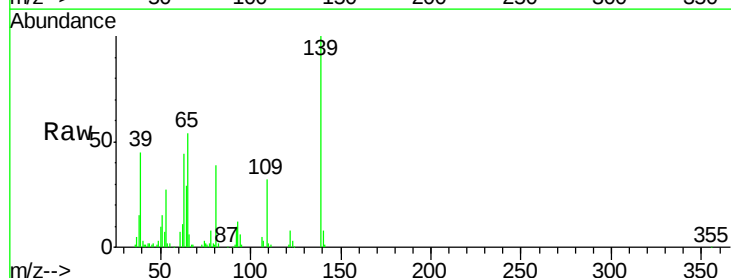
Tgt Ion: 139 Resp: 76920

Ion Ratio Lower Upper

139 100

109 32.2 23.4 35.0

65 54.5 44.3 66.5

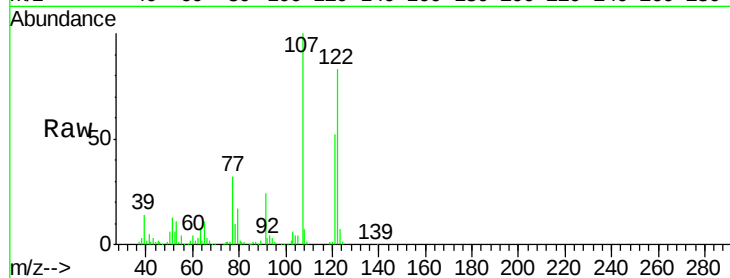




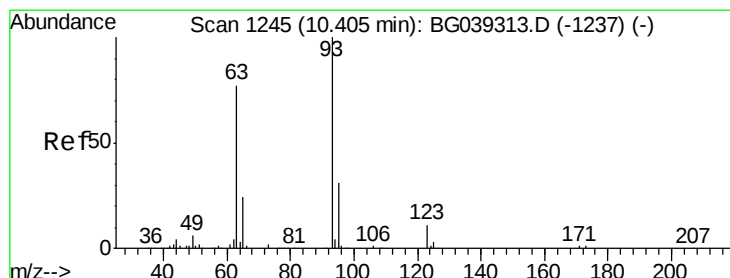
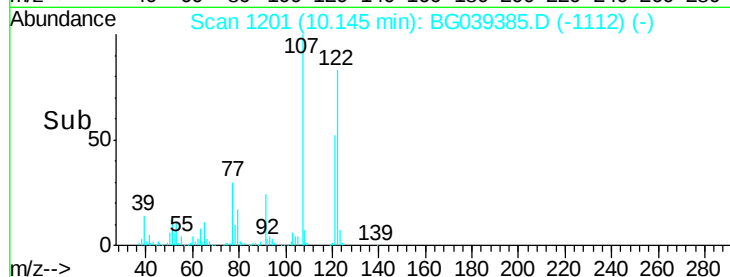
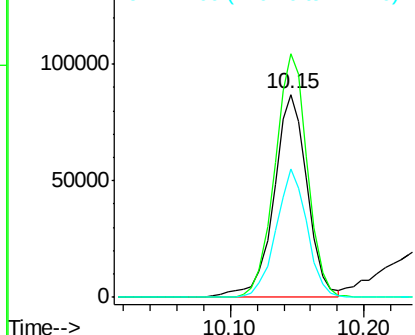
#27
 2,4-Dimethylphenol
 Concen: 47.91 ng
 RT: 10.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB116900BSD

Tot Ion:122 Resp: 151705
 Ion Ratio Lower Upper
 122 100
 107 119.8 91.7 137.5
 121 62.9 46.4 69.6

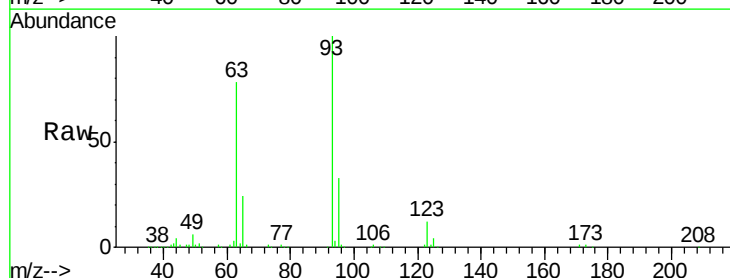


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

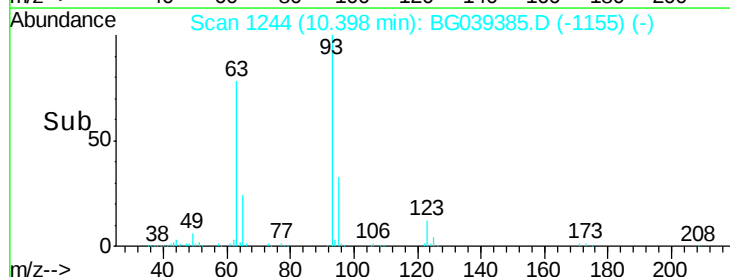
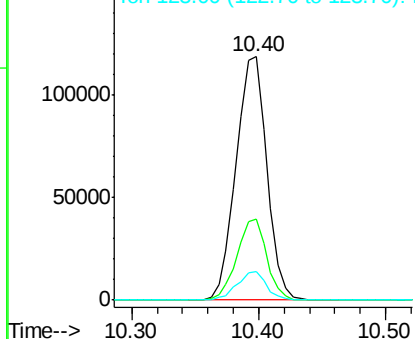


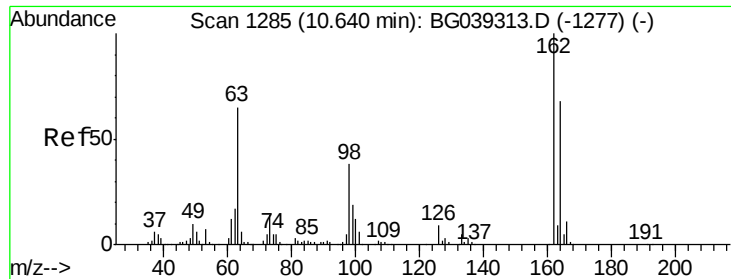
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.41 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

Tgt Ion: 93 Resp: 199633
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.0 37.4
 123 11.9 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

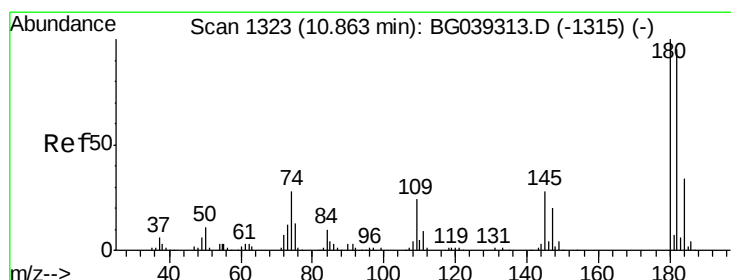
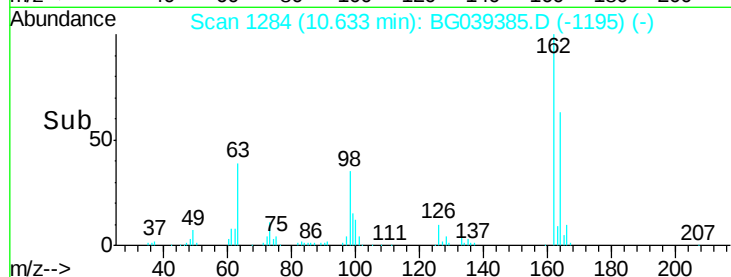
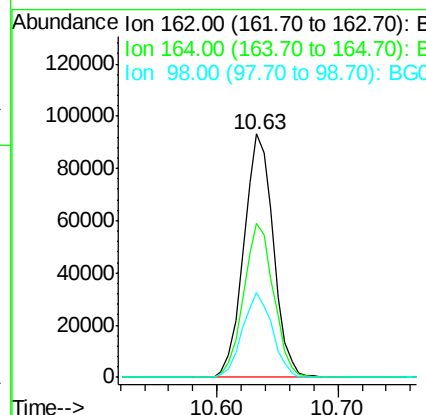
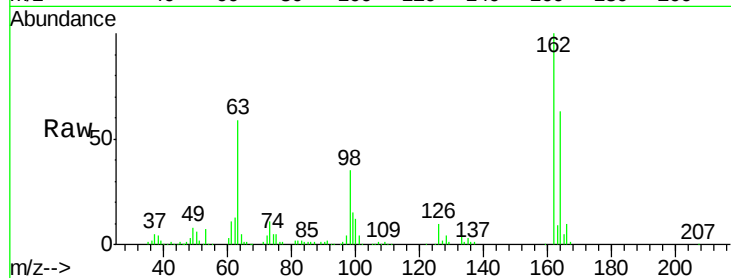




#29
2,4-Dichlorophenol
Concen: 45.93 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

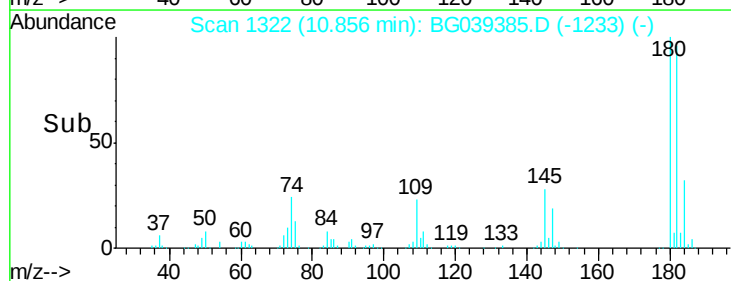
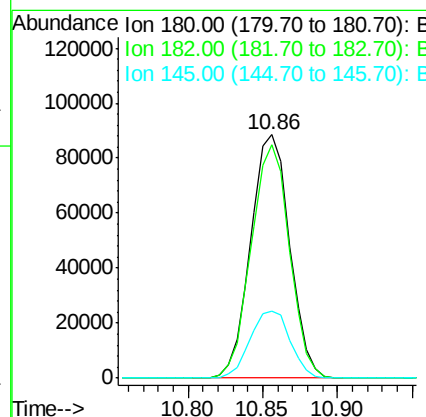
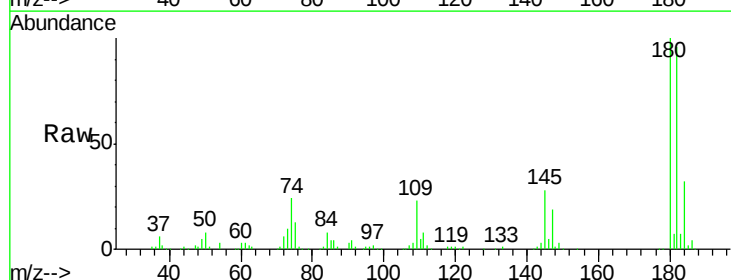
Instrument :
BNA_G
ClientSampleId :
PB116900BSD

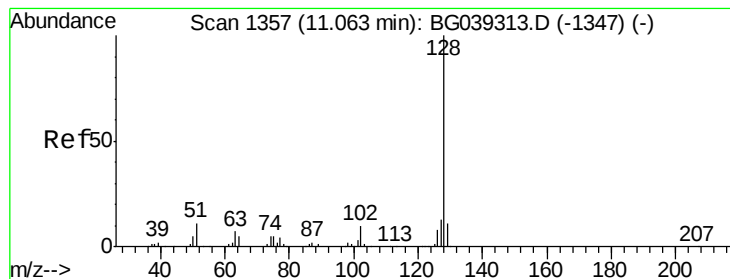
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.1	88.1
98	34.7	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.98 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	27.7	22.7	34.1





#31

Naphthalene

Concen: 41.91 ng

RT: 11.05 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

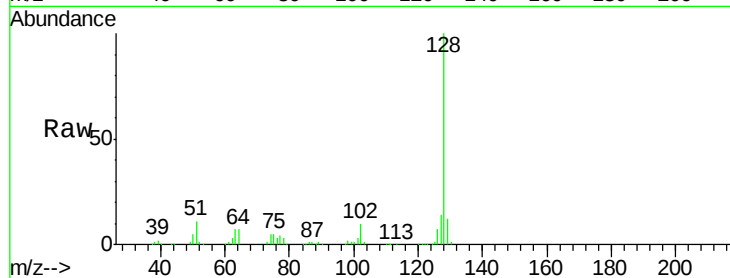
Tot Ion:128 Resp: 458813

Ion Ratio Lower Upper

128 100

129 12.0 8.7 13.1

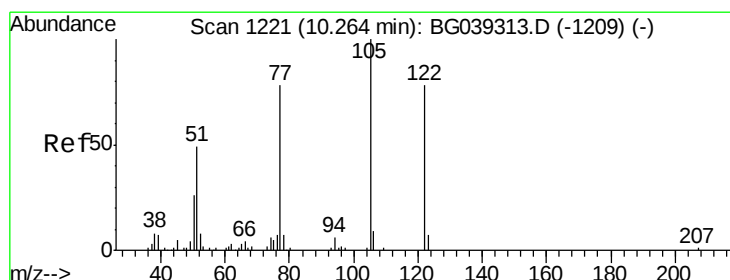
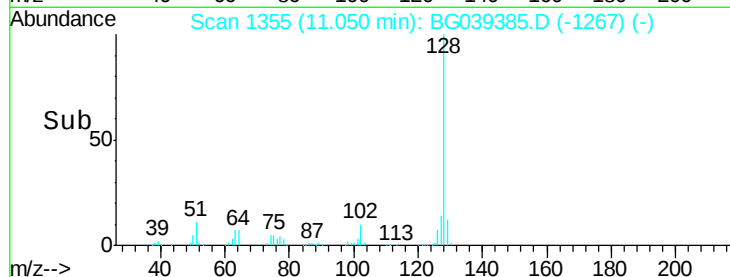
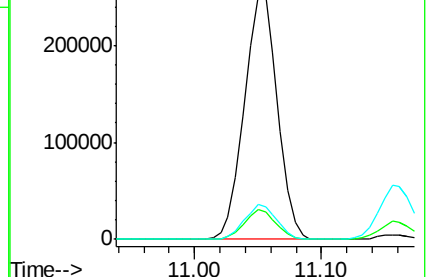
127 14.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.93 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

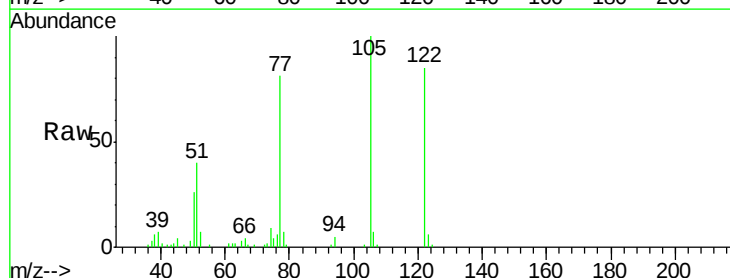
Tgt Ion:122 Resp: 94245

Ion Ratio Lower Upper

122 100

105 117.2 101.8 141.8

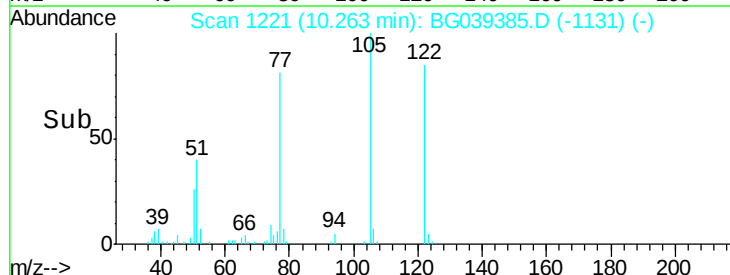
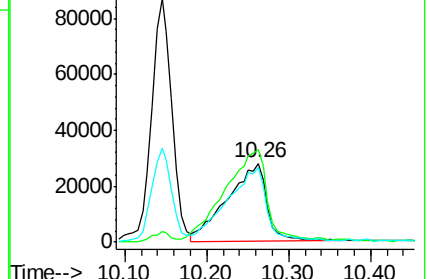
77 95.2 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

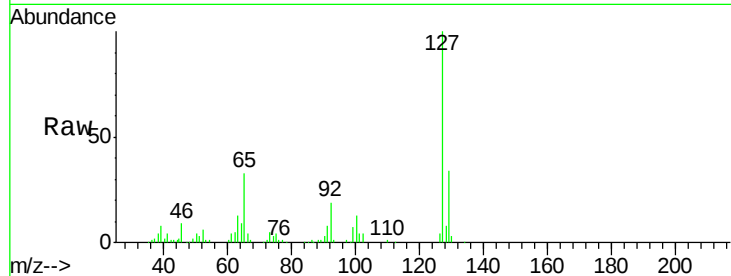




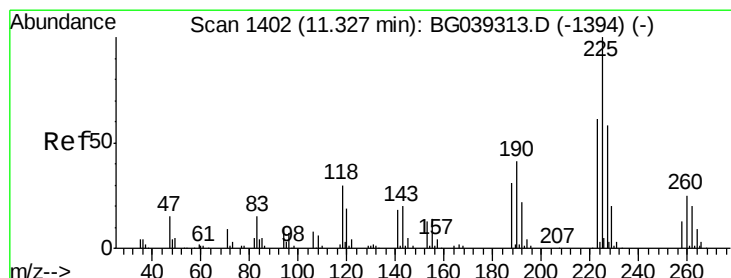
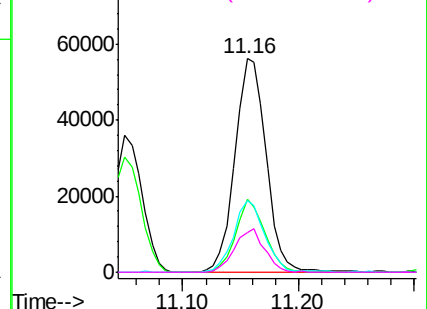
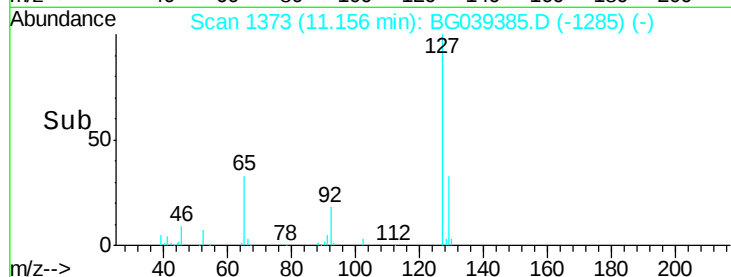
#33
4-Chloroaniline
Concen: 20.68 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB116900BSD

Tot Ion:	127	Resp:	104958
Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.0	40.4
65	33.5	28.8	43.2
92	18.9	16.6	25.0

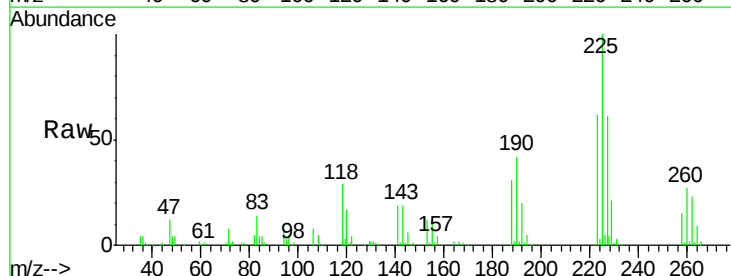


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

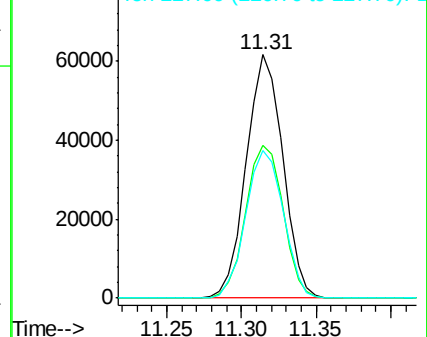
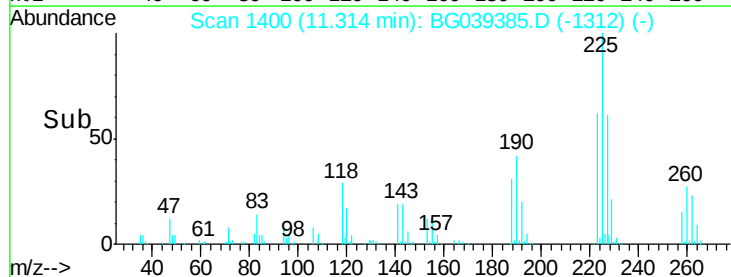


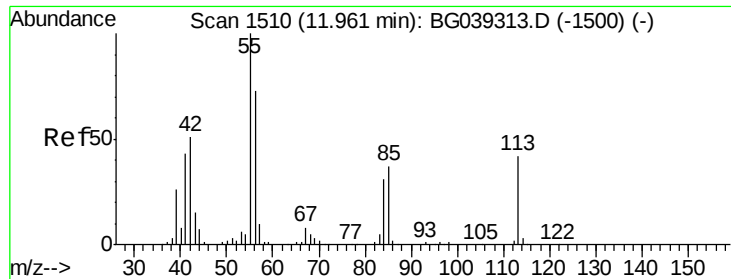
#34
Hexachlorobutadiene
Concen: 40.36 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion:	225	Resp:	104279
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.0	73.6
227	60.7	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: 26.74 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

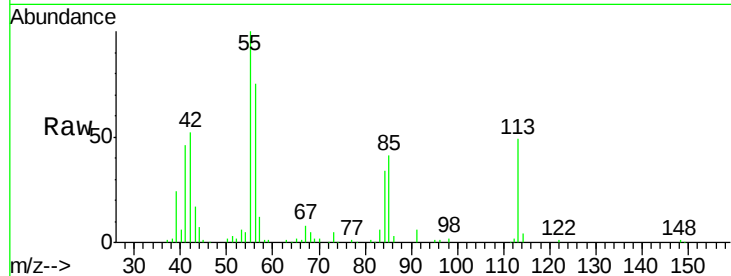
Tot Ion:113 Resp: 38285

Ion Ratio Lower Upper

113 100

55 203.3 216.9 256.9#

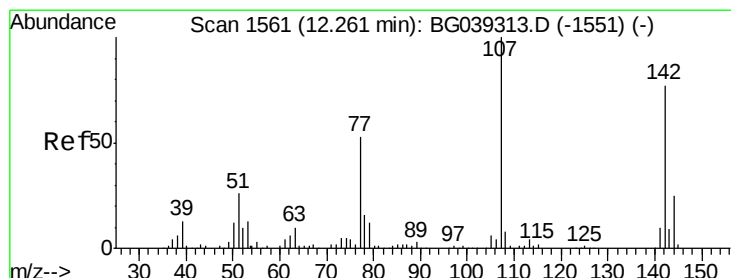
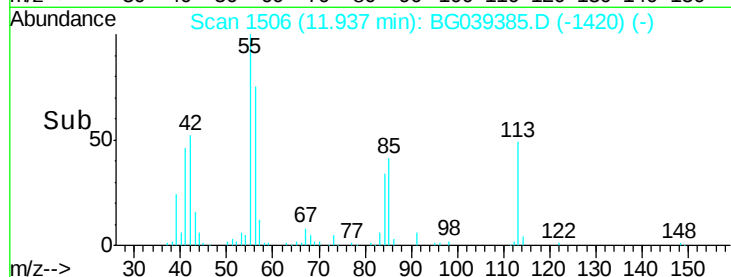
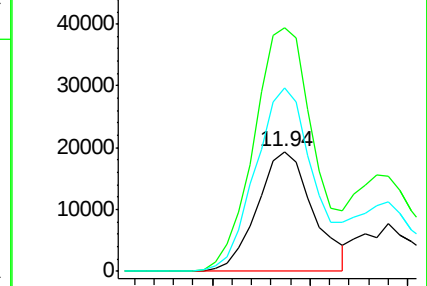
56 153.1 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.64 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

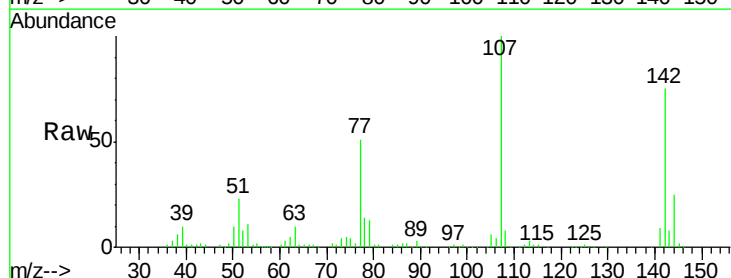
Tgt Ion:107 Resp: 166636

Ion Ratio Lower Upper

107 100

144 24.8 20.2 30.2

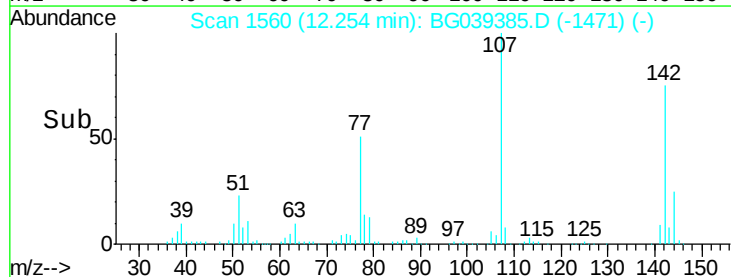
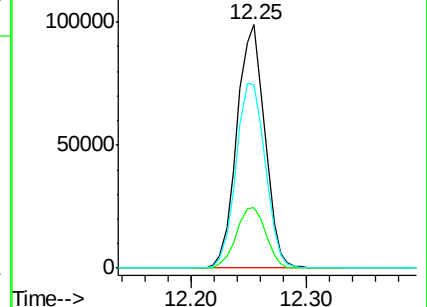
142 75.3 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

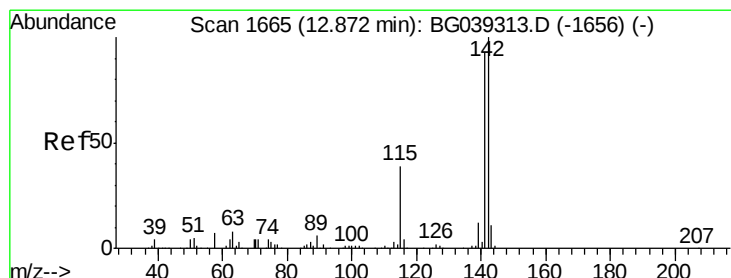
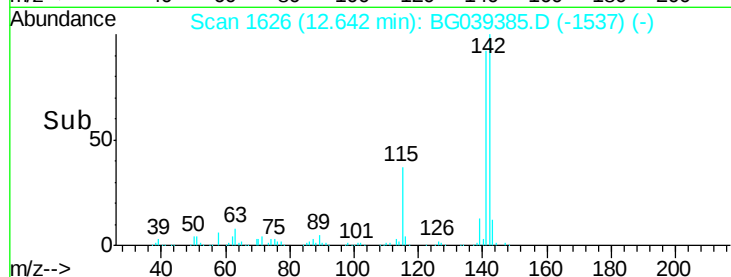
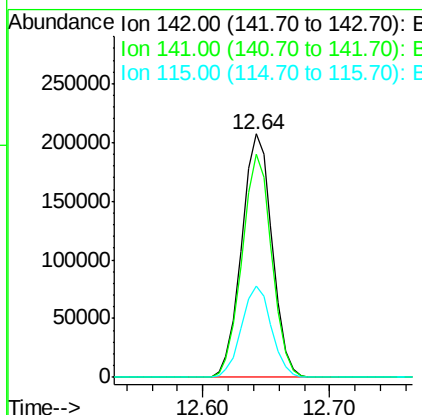
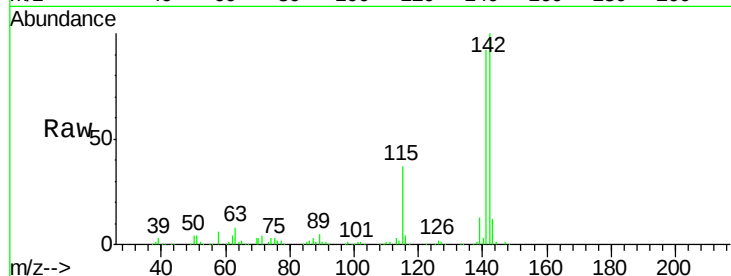




#37
2-Methylnaphthalene
Concen: 42.51 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

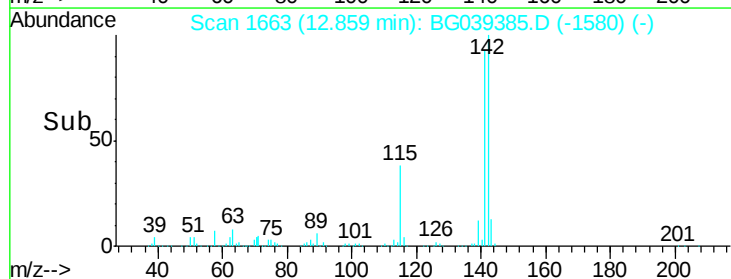
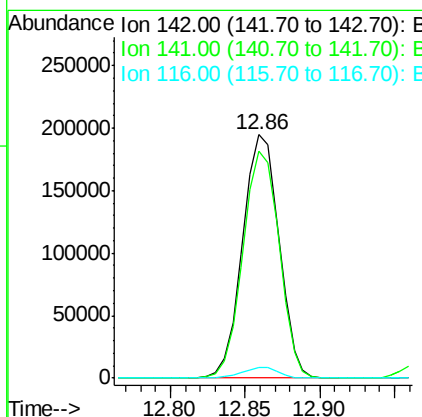
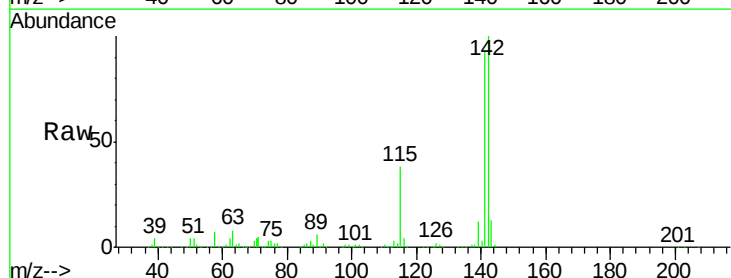
Instrument :
BNA_G
ClientSampleId :
PB116900BSD

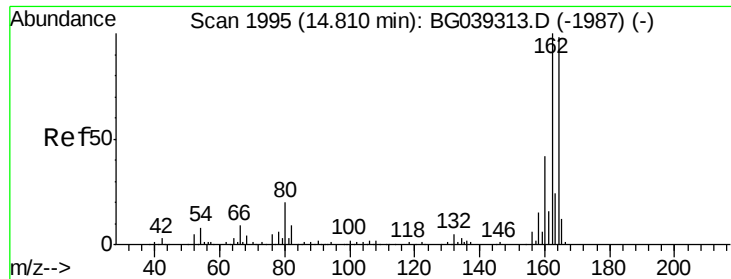
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.5	110.3
115	37.3	30.8	46.2



#38
1-Methylnaphthalene
Concen: 42.01 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

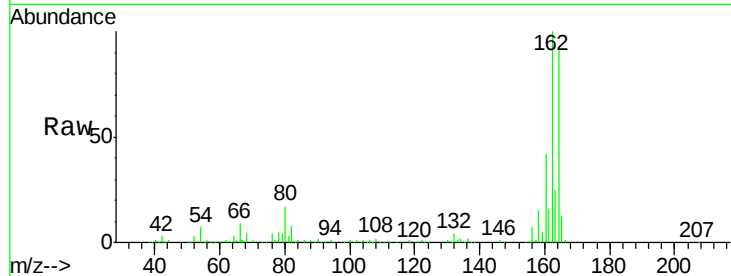
Tot Ion:164 Resp: 144484

Ion Ratio Lower Upper

164 100

162 107.0 81.6 122.4

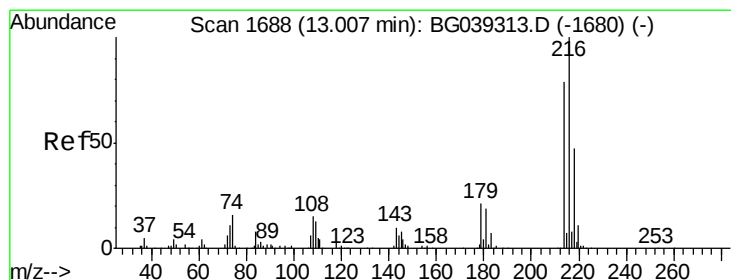
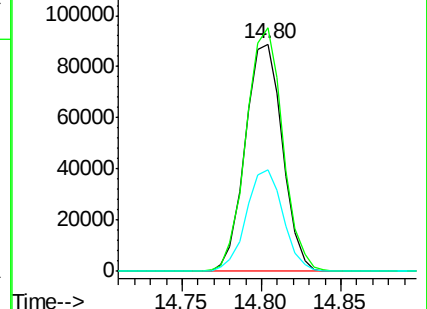
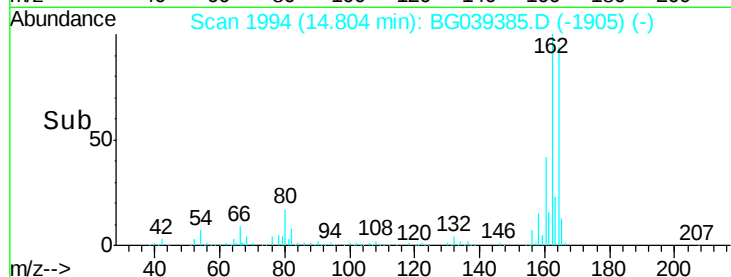
160 44.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.60 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Tgt Ion:216 Resp: 191256

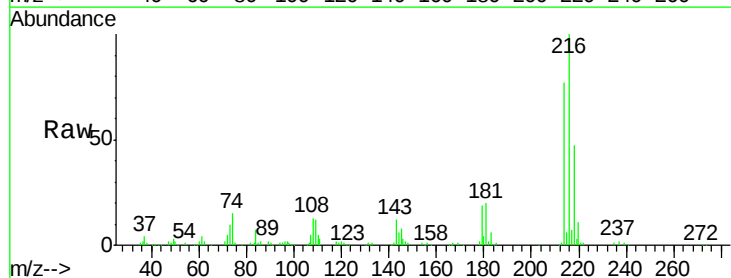
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 19.8 16.6 25.0

108 17.7 14.0 21.0

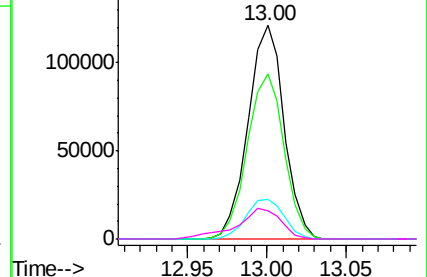
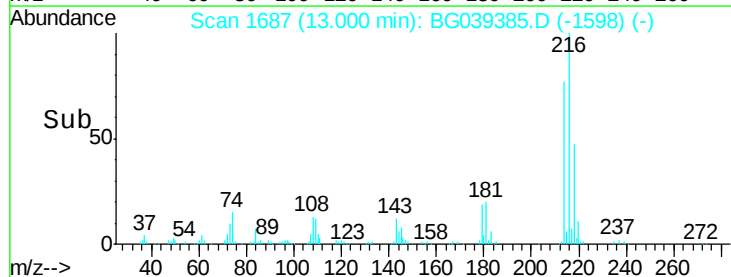


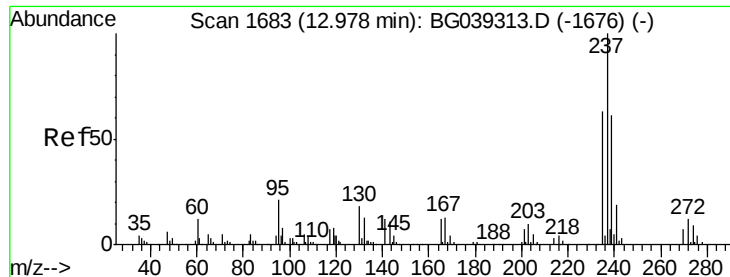
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.02 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

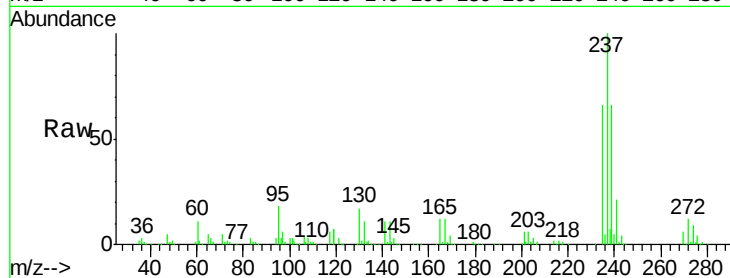
Tot Ion:237 Resp: 240533

Ion Ratio Lower Upper

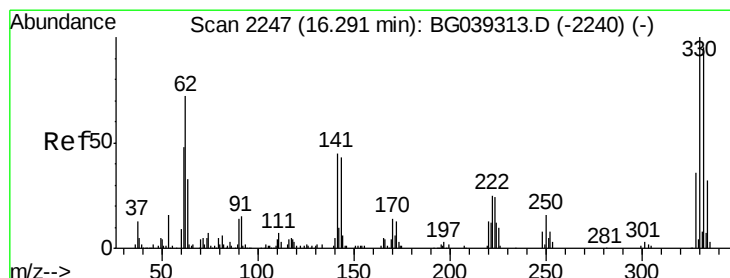
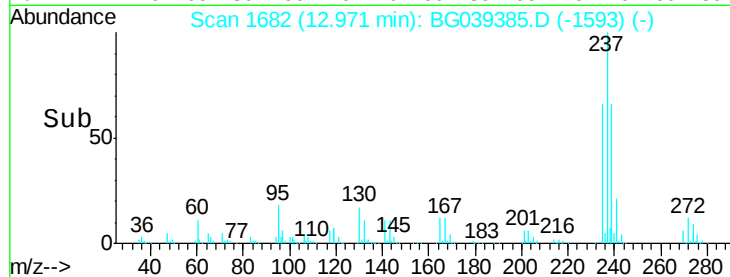
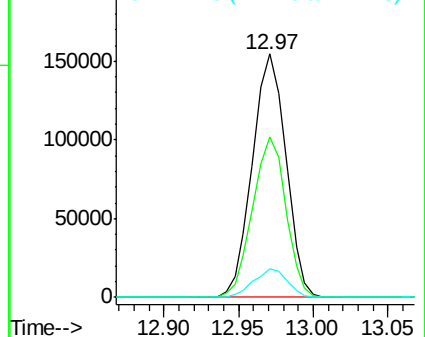
237 100

235 66.0 43.3 83.3

272 11.6 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 142.10 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

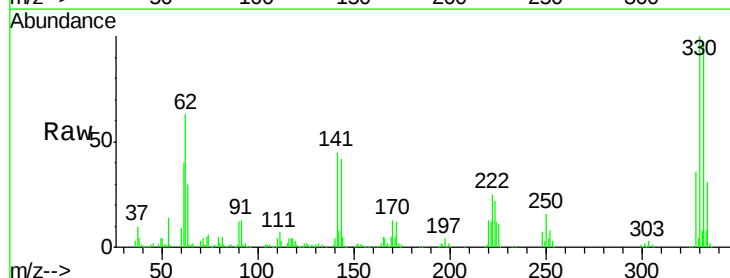
Tgt Ion:330 Resp: 221083

Ion Ratio Lower Upper

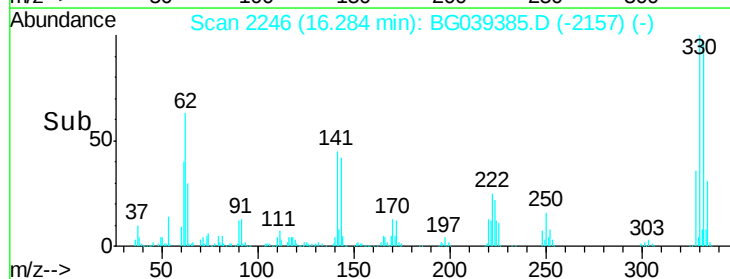
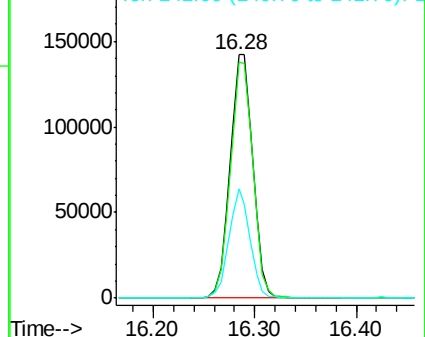
330 100

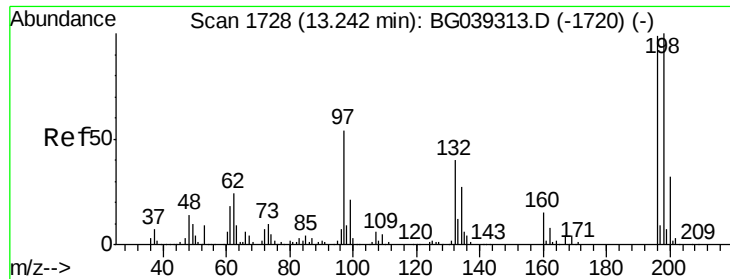
332 95.8 75.7 113.5

141 41.4 35.6 53.4



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

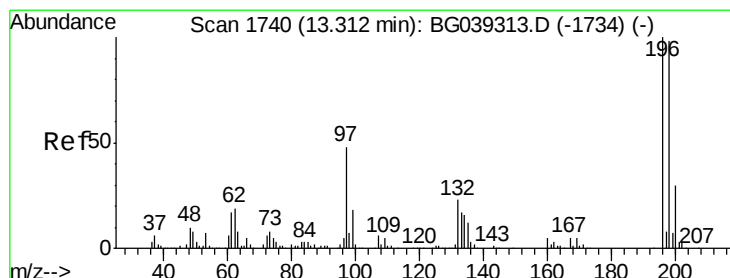
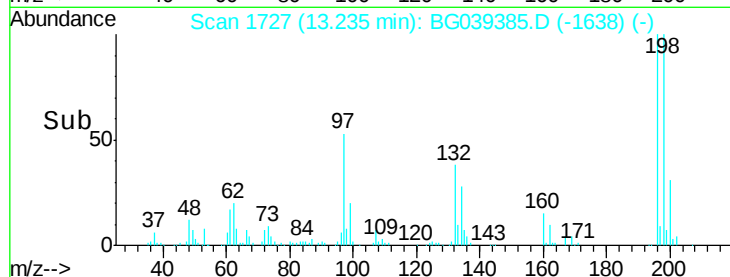
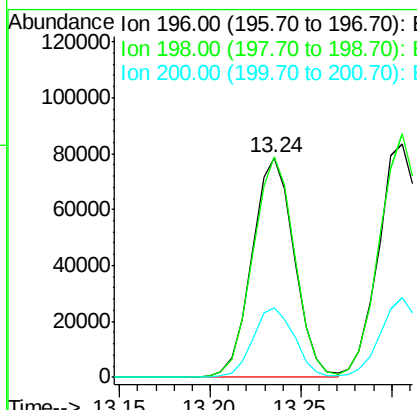
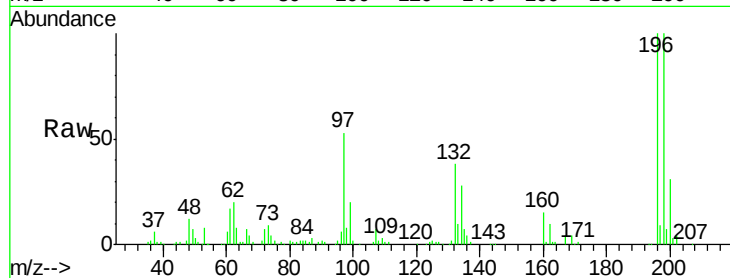




#43
 2,4,6-Trichlorophenol
 Concen: 44.96 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

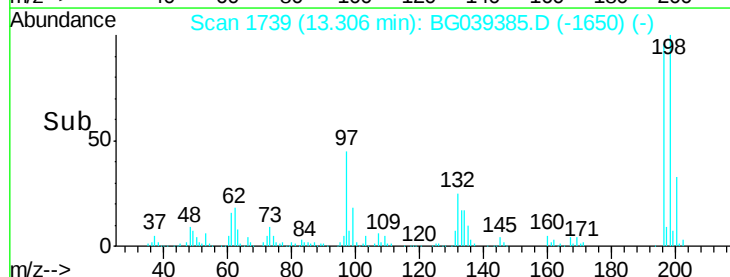
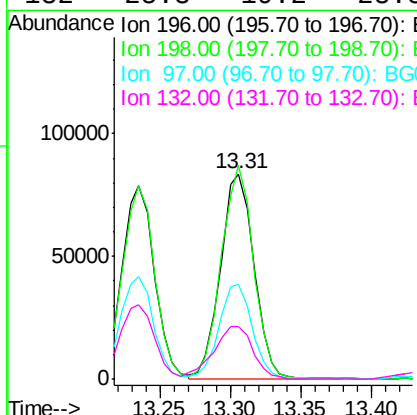
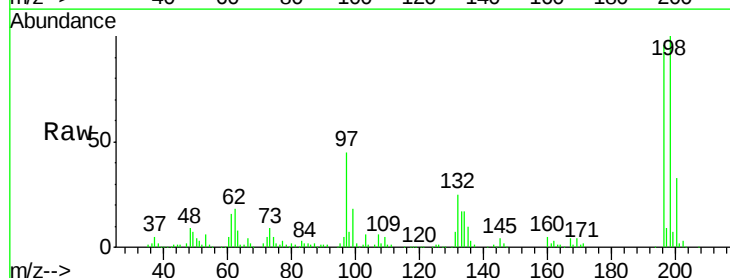
Instrument :
 BNA_G
 ClientSampleId :
 PB116900BSD

Tot Ion:196 Resp: 127088
 Ion Ratio Lower Upper
 196 100
 198 100.4 80.6 121.0
 200 31.4 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.61 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

Tgt Ion:196 Resp: 138079
 Ion Ratio Lower Upper
 196 100
 198 104.1 78.5 117.7
 97 46.4 38.4 57.6
 132 25.8 19.2 28.8

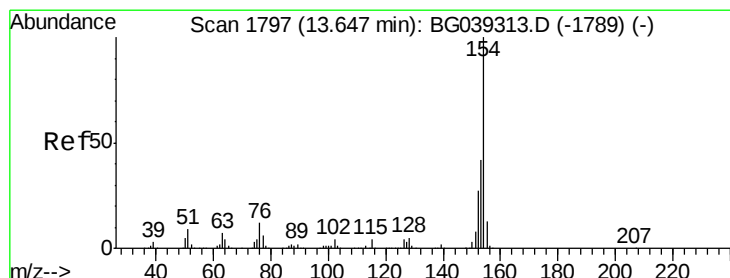
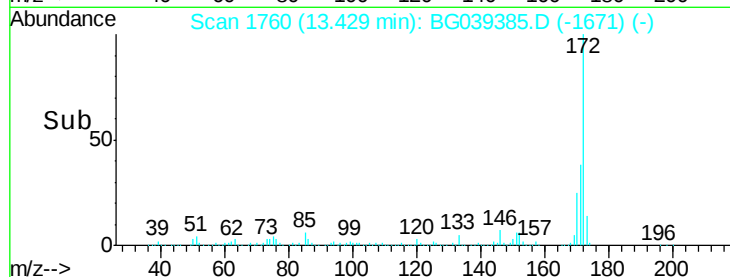
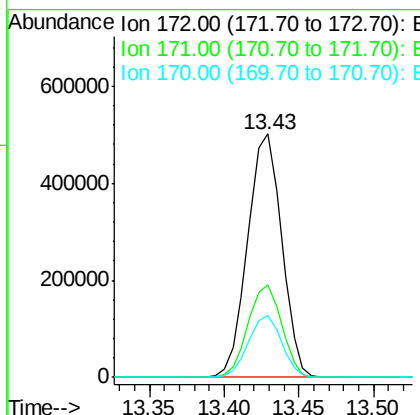
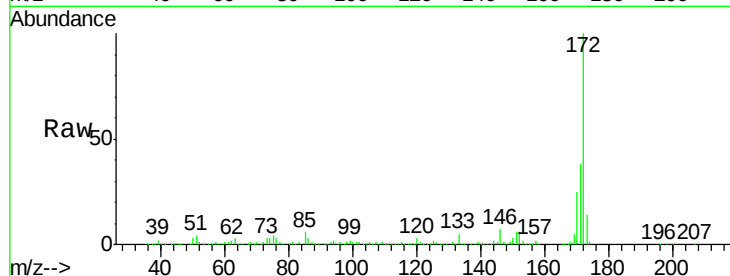




#45
2-Fluorobiphenyl
Concen: 78.42 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

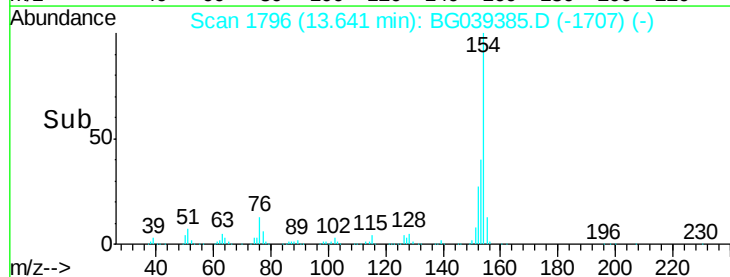
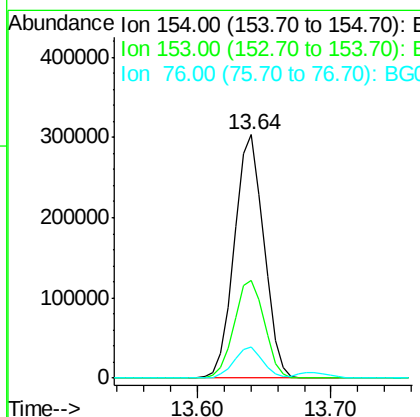
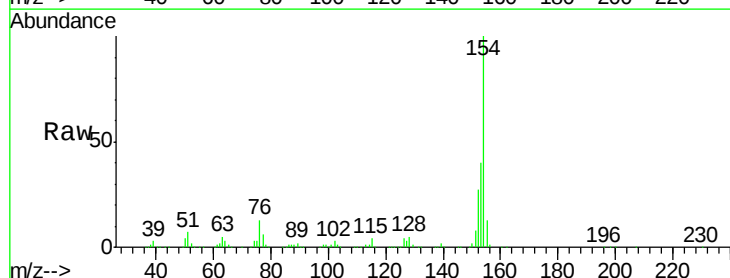
Instrument :
BNA_G
ClientSampleId :
PB116900BSD

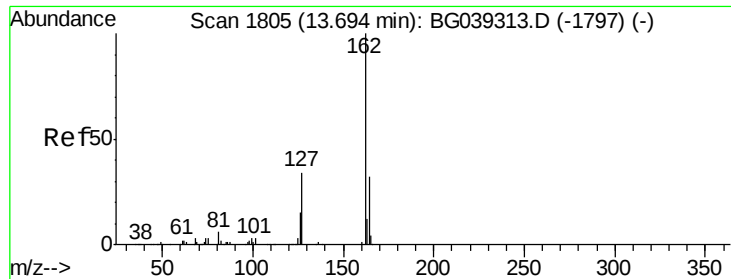
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.2	20.2	30.4



#46
1,1'-Biphenyl
Concen: 38.66 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	22.1	62.1
76	12.8	0.0	32.4





#47

2-Chloronaphthalene

Concen: 39.36 ng

RT: 13.69 min Scan# 1804

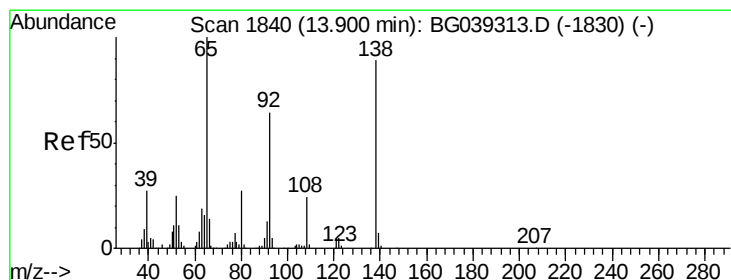
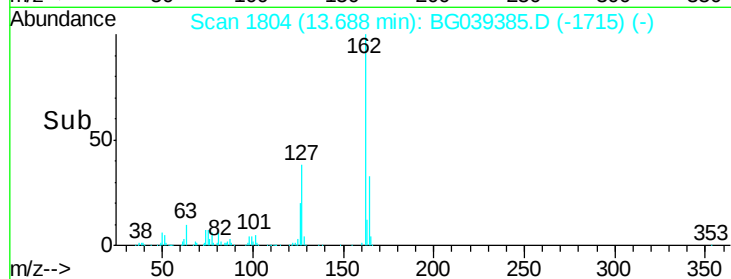
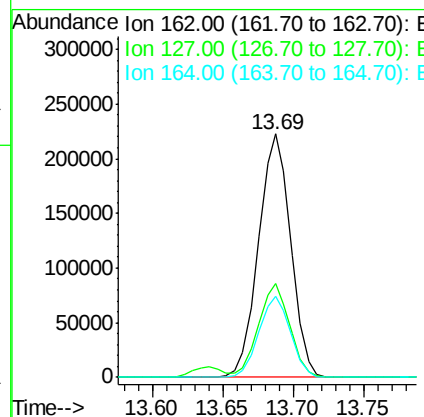
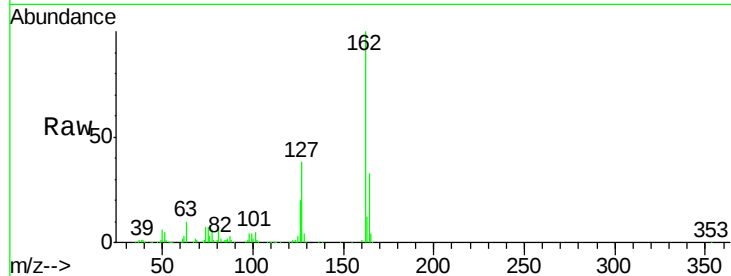
Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB116900BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	33.4	25.7	38.5



#48

2-Nitroaniline

Concen: 46.12 ng

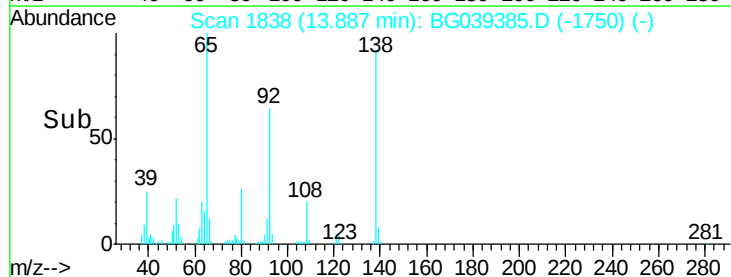
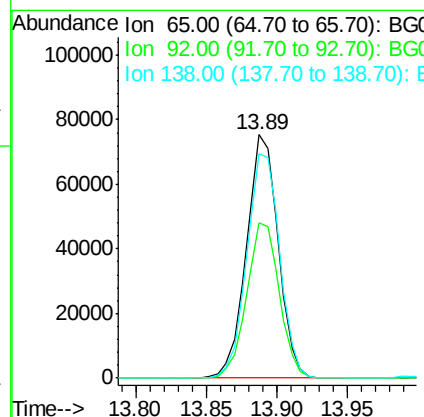
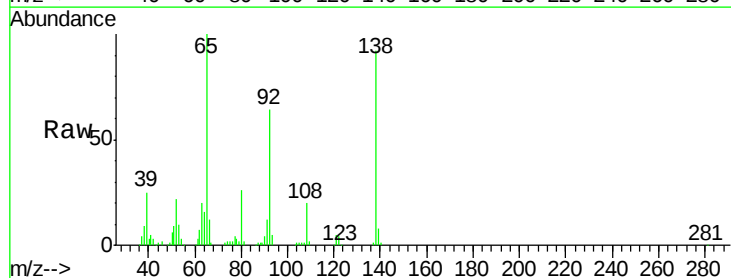
RT: 13.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	51.4	77.2
138	92.1	71.4	107.2





#49

Acenaphthylene

Concen: 41.52 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

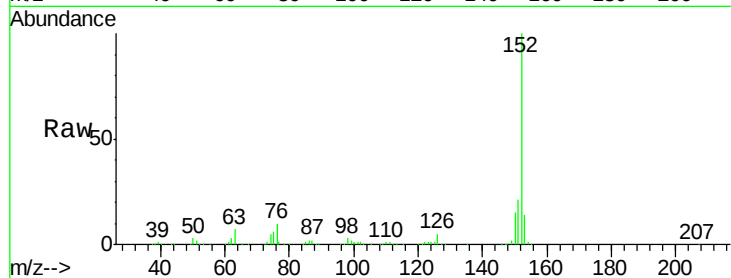
Tot Ion:152 Resp: 566575

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

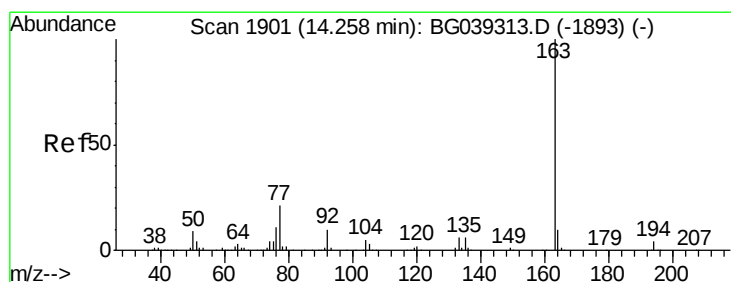
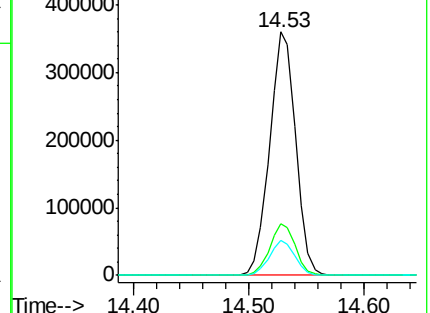
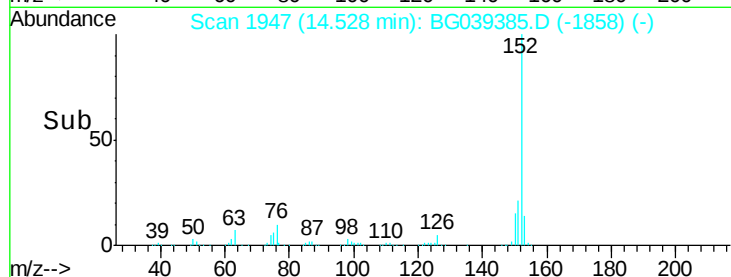
153 14.3 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.47 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

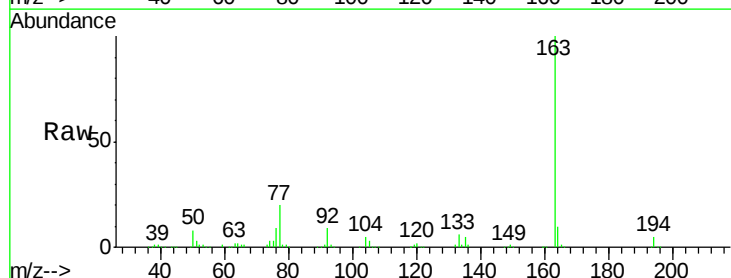
Tgt Ion:163 Resp: 460549

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

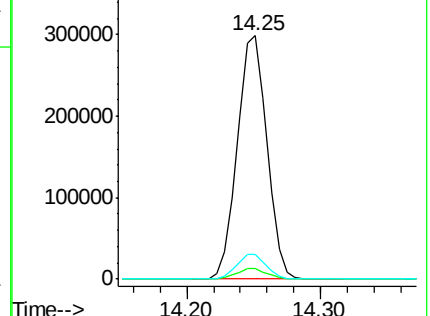
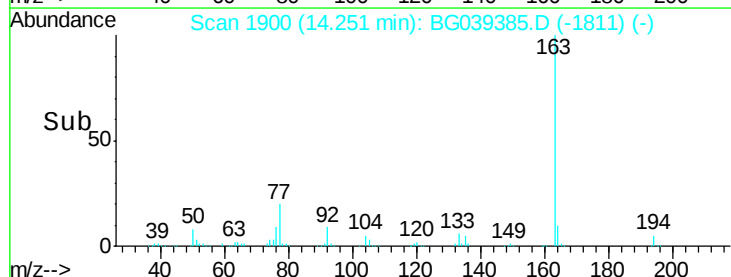
164 10.0 8.4 12.6

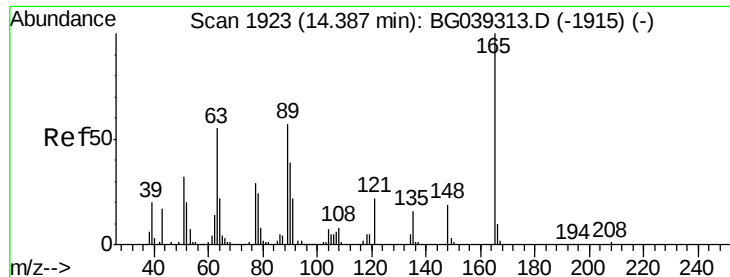


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.23 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

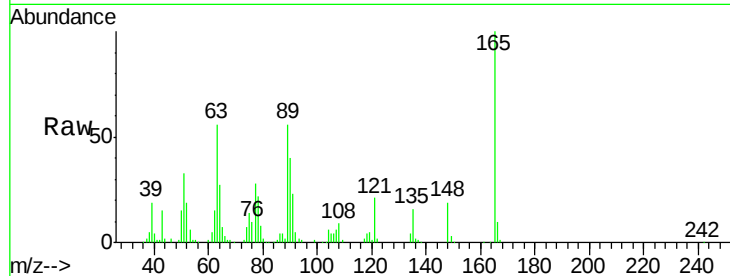
Tot Ion:165 Resp: 102732

Ion Ratio Lower Upper

165 100

63 55.8 47.0 70.6

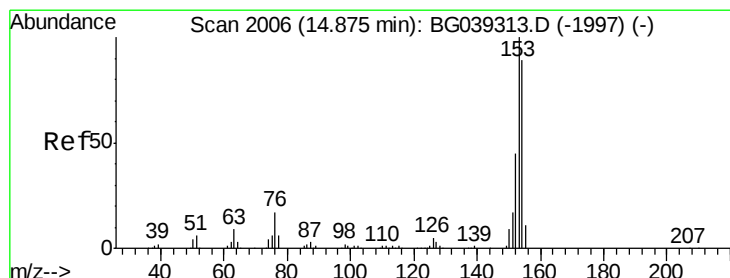
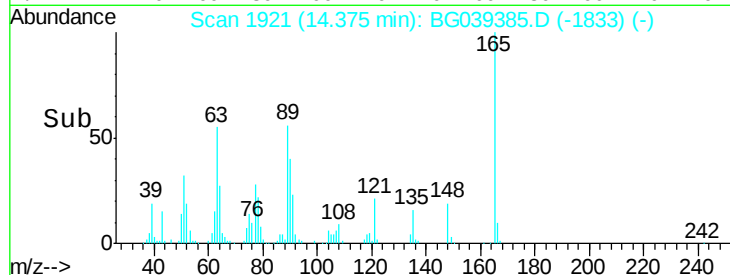
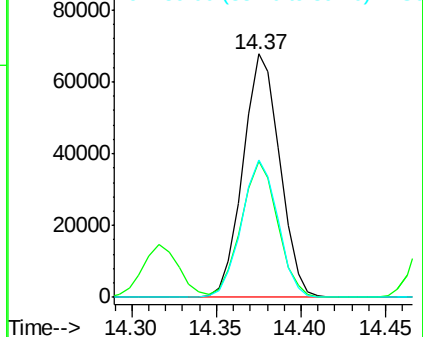
89 56.2 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.91 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

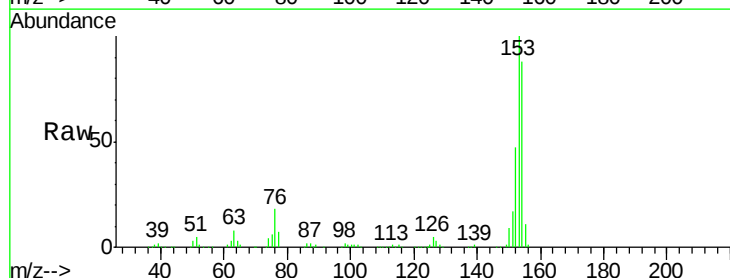
Tgt Ion:154 Resp: 344697

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

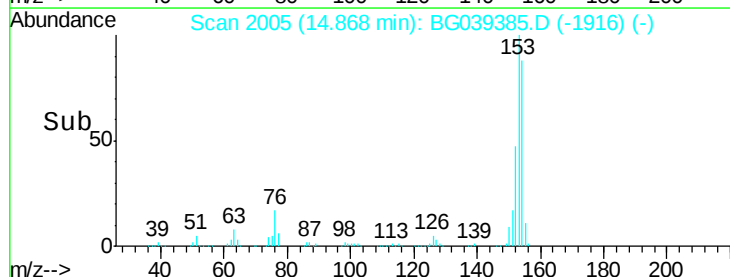
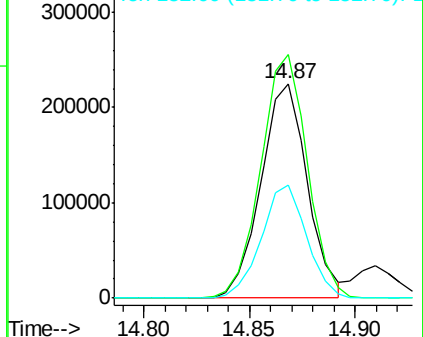
152 52.8 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

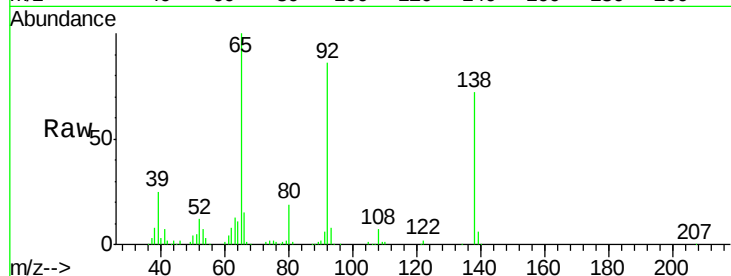




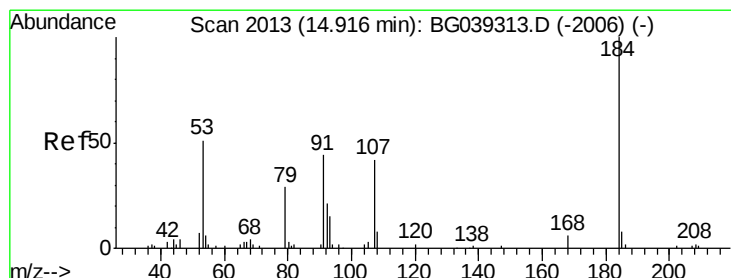
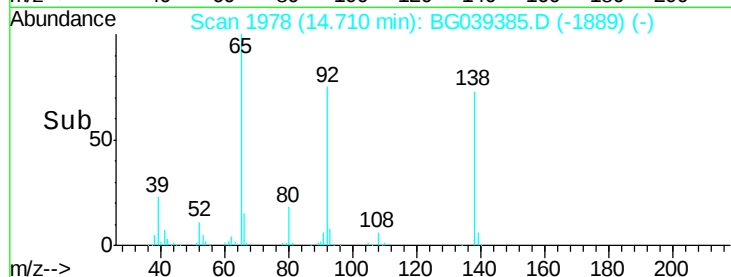
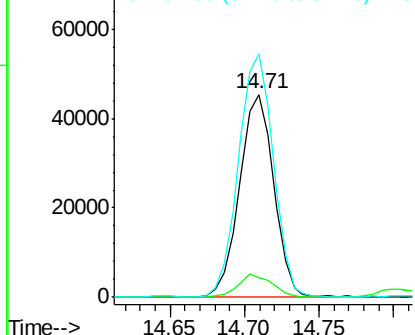
#53
3-Nitroaniline
Concen: 32.81 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB116900BSD

Tot Ion:138 Resp: 72310
Ion Ratio Lower Upper
138 100
108 9.8 13.8 20.8#
92 120.0 103.7 155.5

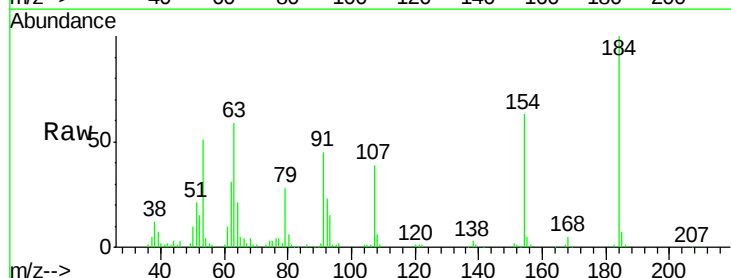


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

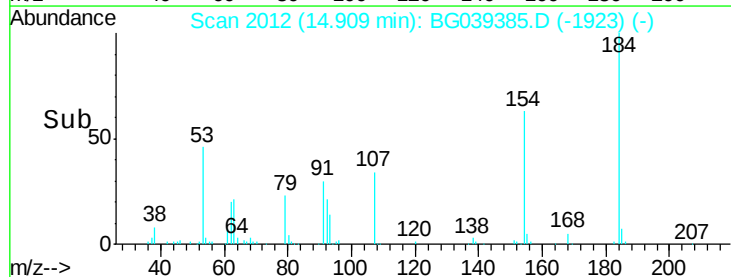
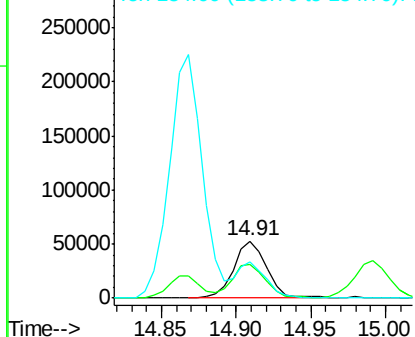


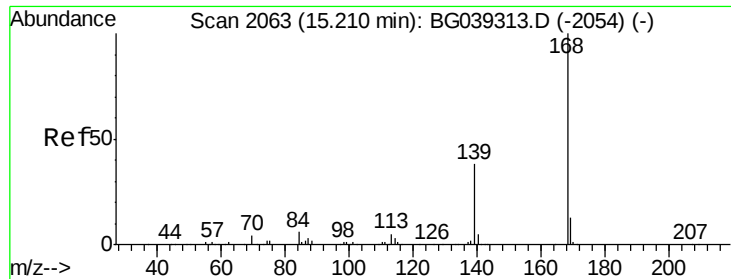
#54
2,4-Dinitrophenol
Concen: 82.40 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion:184 Resp: 80653
Ion Ratio Lower Upper
184 100
63 59.2 50.9 76.3
154 63.4 53.0 79.6



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

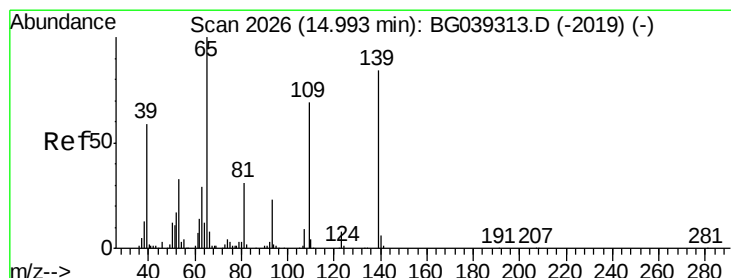
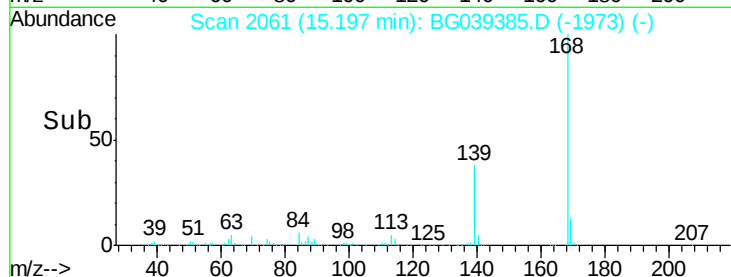
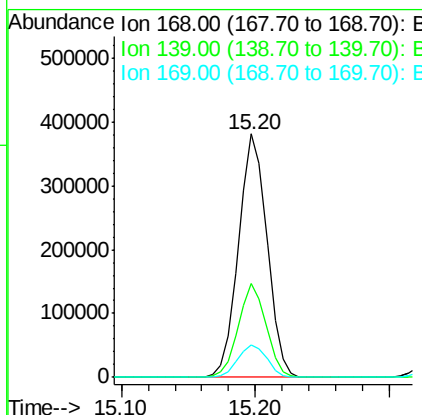
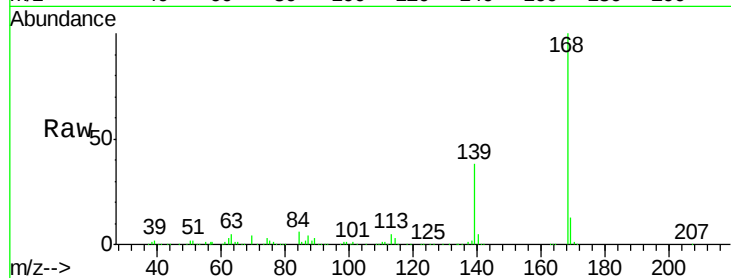




#55
Dibenzofuran
Concen: 39.59 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

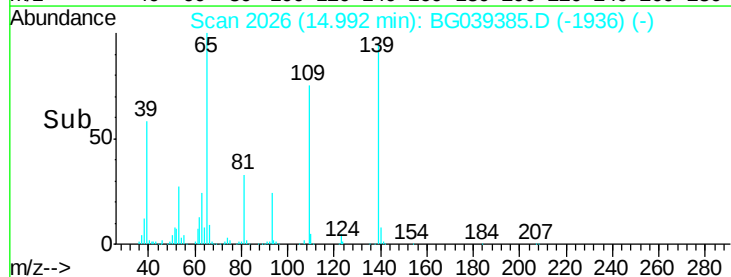
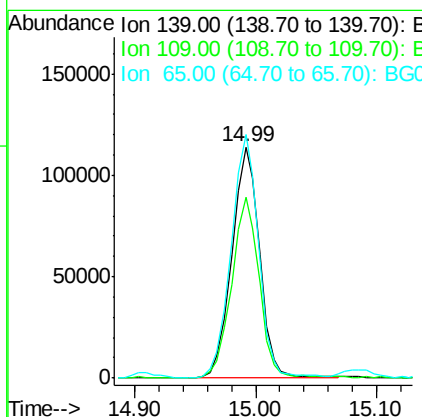
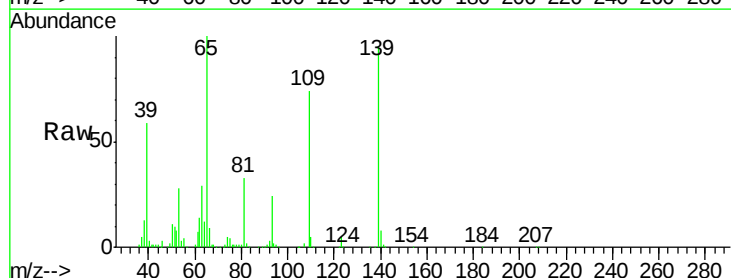
Instrument :
BNA_G
ClientSampleId :
PB116900BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.3	10.6	16.0



#56
4-Nitrophenol
Concen: 85.83 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.4	61.9	101.9
65	105.2	99.1	139.1

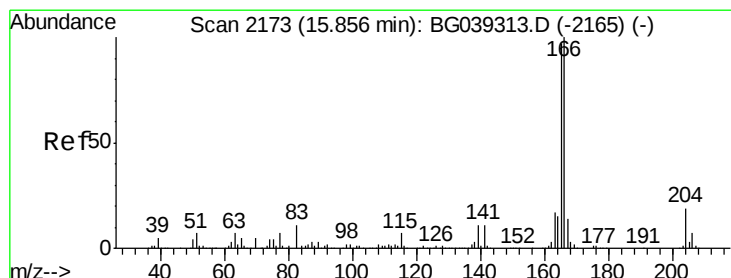
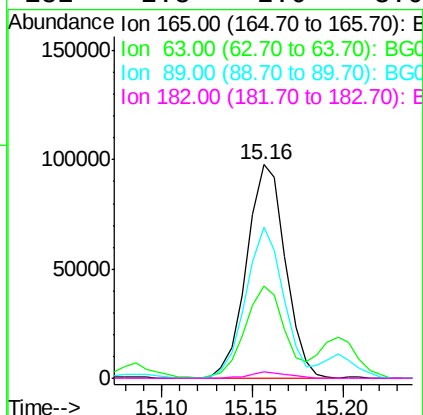
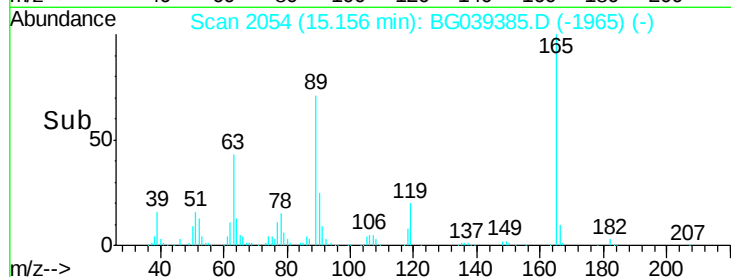
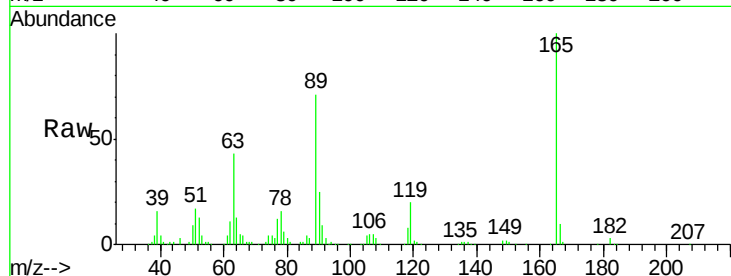




#57
2,4-Dinitrotoluene
Concen: 51.15 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

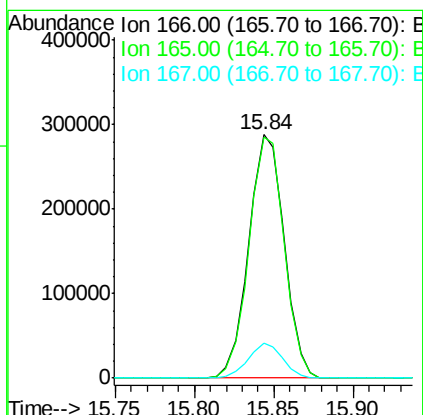
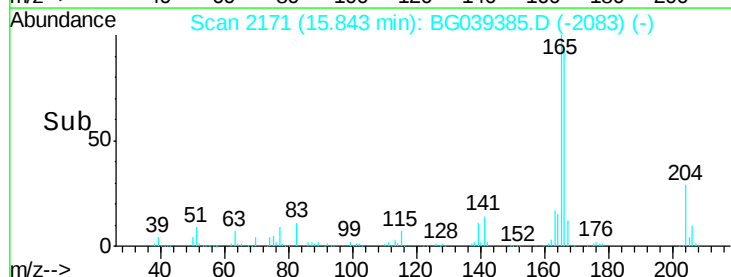
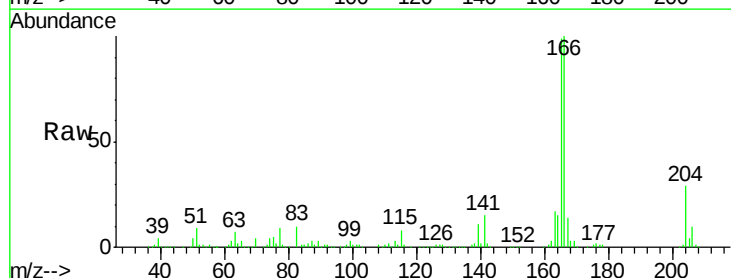
Instrument :
BNA_G
ClientSampleId :
PB116900BSD

Tot Ion:165 Resp: 144599
Ion Ratio Lower Upper
165 100
63 43.1 41.0 61.6
89 70.5 64.6 96.8
182 2.8 2.0 3.0



#58
Fluorene
Concen: 42.30 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion:166 Resp: 447855
Ion Ratio Lower Upper
166 100
165 99.2 77.9 116.9
167 14.5 10.8 16.2

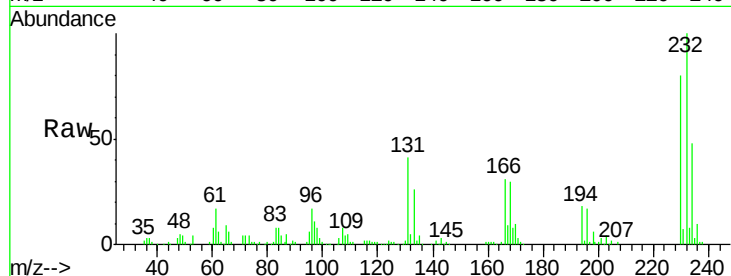




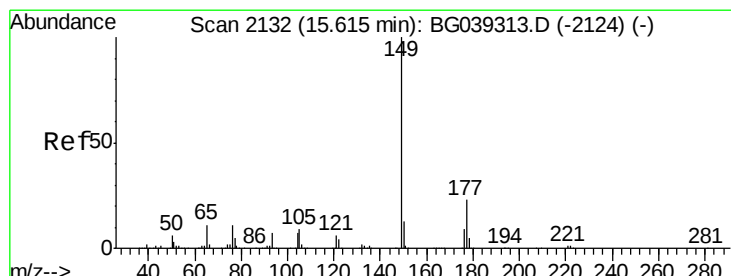
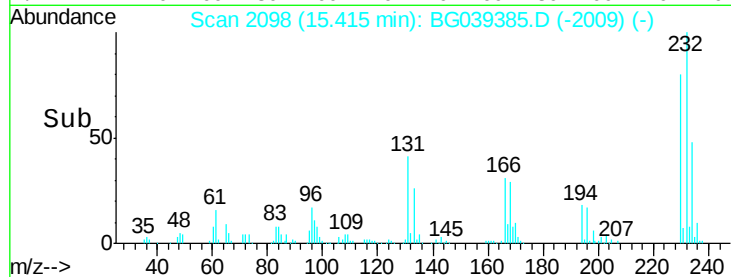
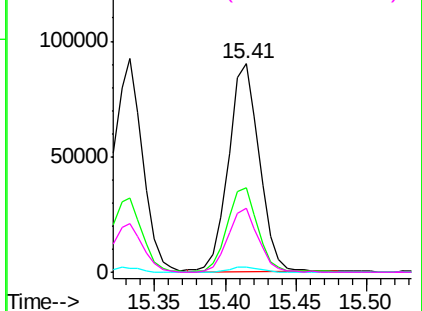
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.48 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB116900BSD

Tot Ion:	232	Resp:	137253
Ion	Ratio	Lower	Upper
232	100		
131	40.7	34.9	52.3
130	2.4	2.0	3.0
166	30.4	24.1	36.1

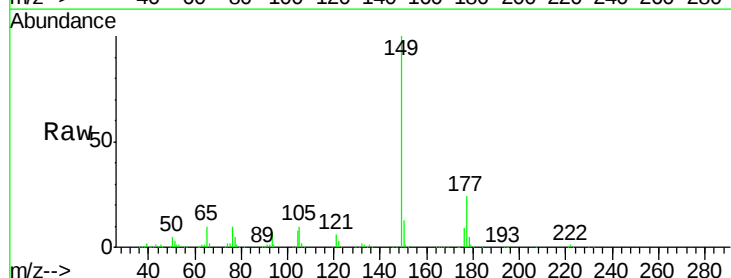


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

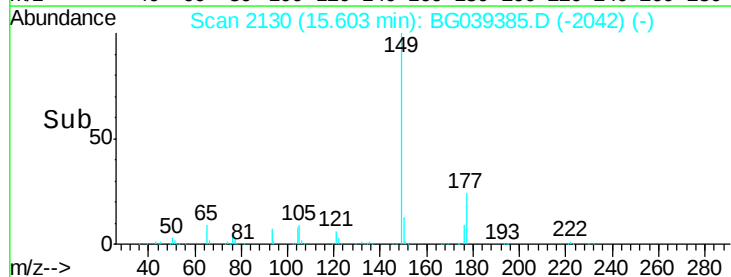
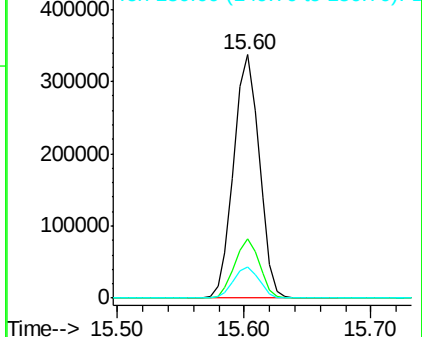


#60
 Diethylphthalate
 Concen: 38.98 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

Tgt Ion:	149	Resp:	470319
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	13.0	10.2	15.2



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





#61

4-Chlorophenyl-phenylether

Concen: 39.55 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

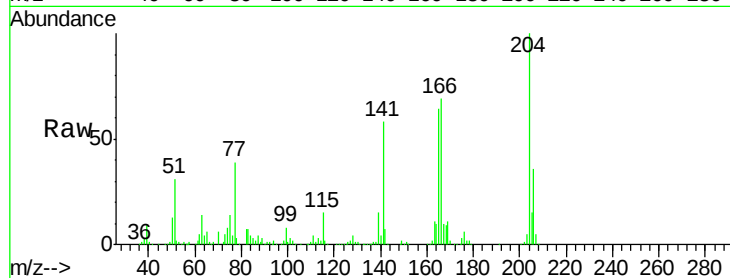
Tot Ion:204 Resp: 237113

Ion Ratio Lower Upper

204 100

206 35.7 29.2 43.8

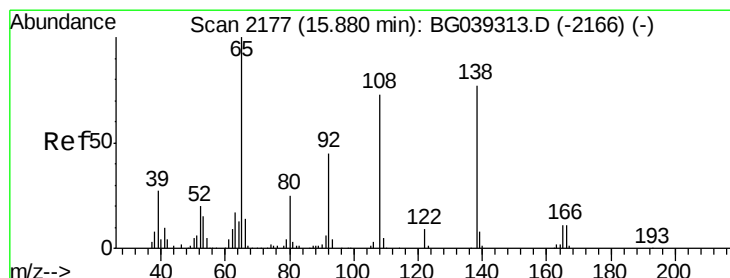
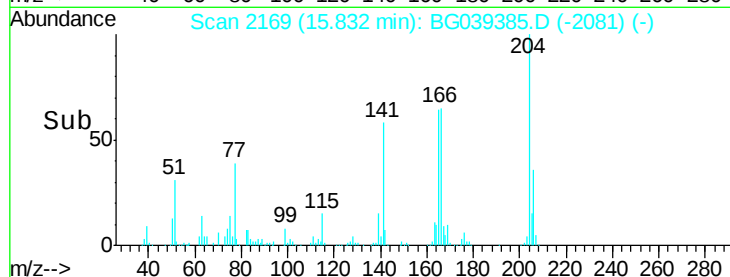
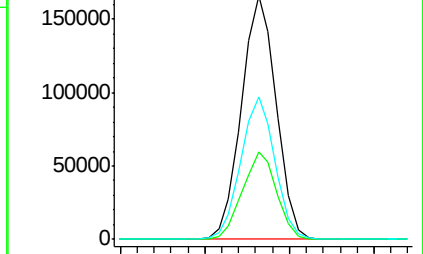
141 58.4 49.0 73.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 45.54 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

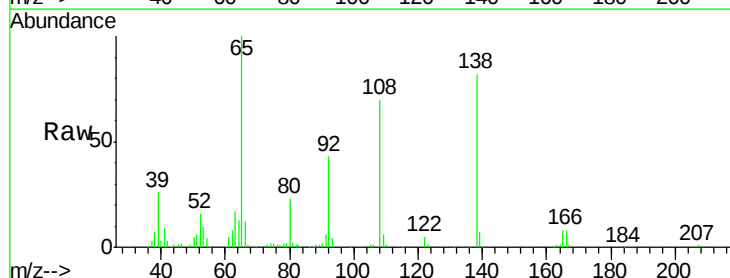
Tgt Ion:138 Resp: 110851

Ion Ratio Lower Upper

138 100

92 53.2 38.7 78.7

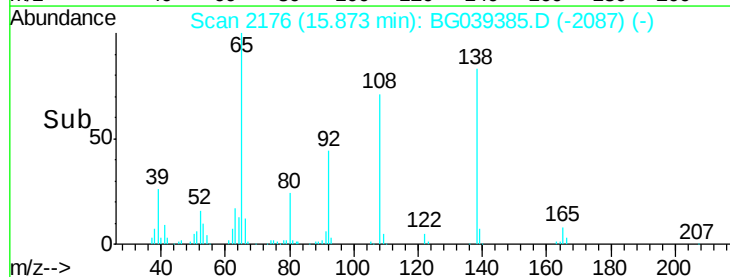
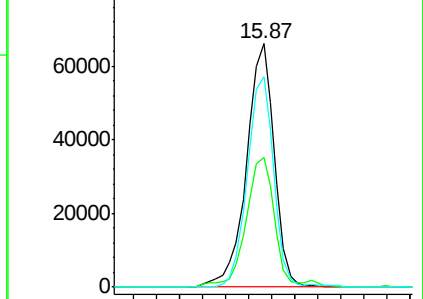
108 86.2 74.6 114.6

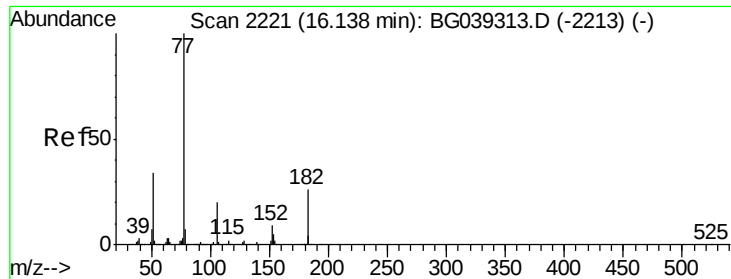


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.35 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

Tot Ion: 77 Resp: 428637

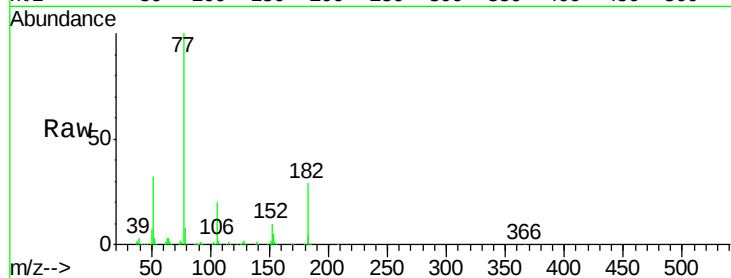
Ion Ratio Lower Upper

77 100

182 28.6 6.4 46.4

105 19.6 0.0 39.8

51 32.1 14.1 54.1

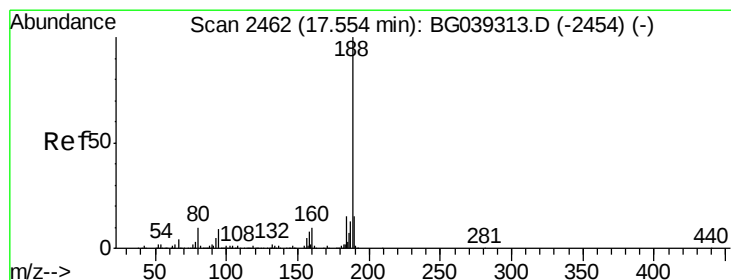
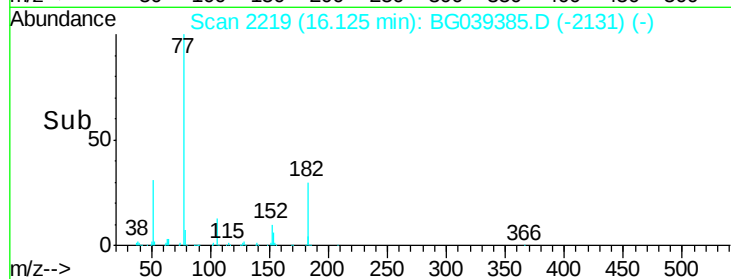
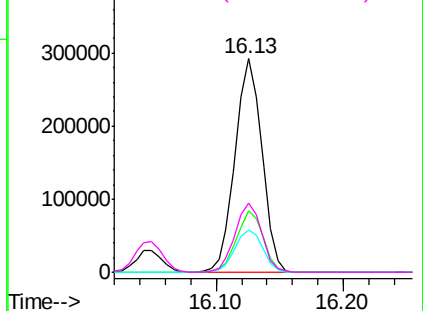


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

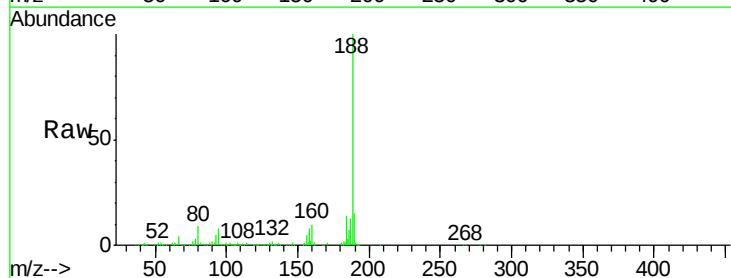
Tgt Ion: 188 Resp: 350225

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

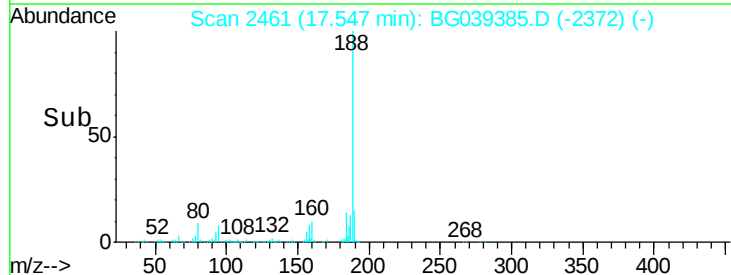
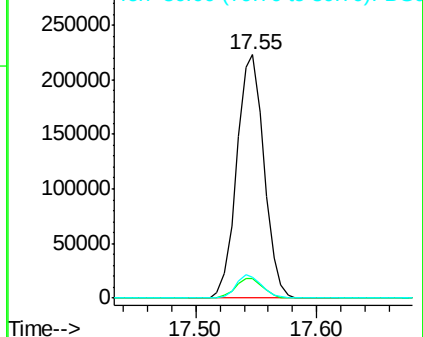
80 8.8 8.1 12.1

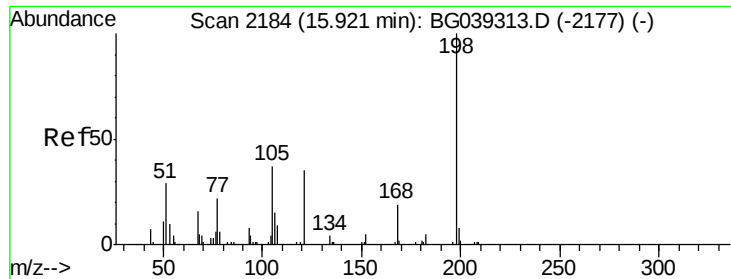


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.65 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

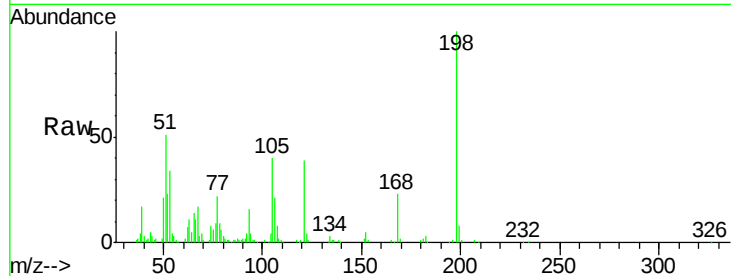
Tot Ion:198 Resp: 69454

Ion Ratio Lower Upper

198 100

51 50.6 27.4 67.4

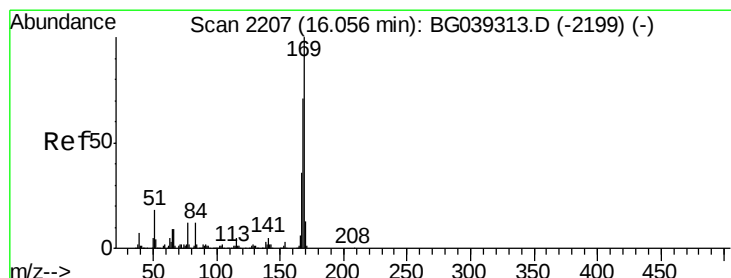
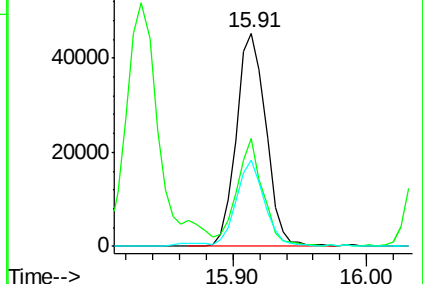
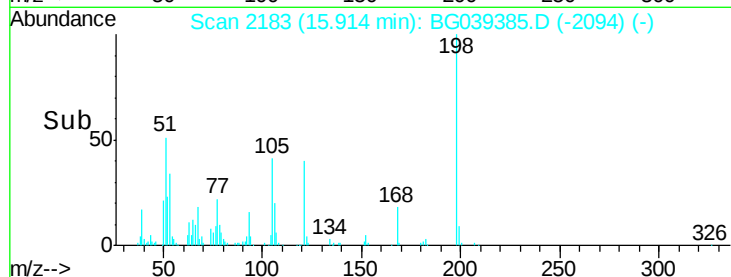
105 40.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039385.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): BG039385.D (-2177) (-)



#66

n-Nitrosodiphenylamine

Concen: 38.40 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

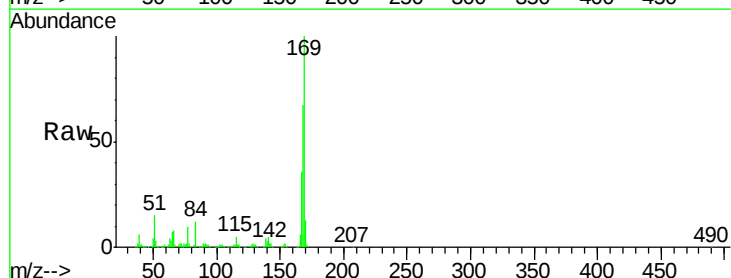
Tgt Ion:169 Resp: 408917

Ion Ratio Lower Upper

169 100

168 67.3 56.6 85.0

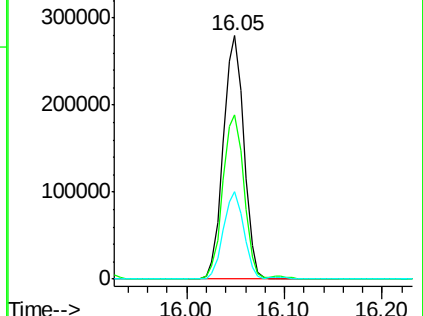
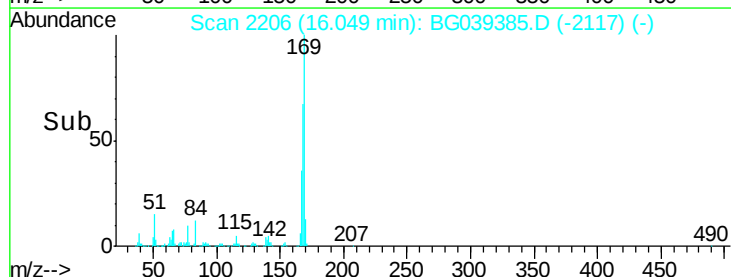
167 35.9 28.8 43.2

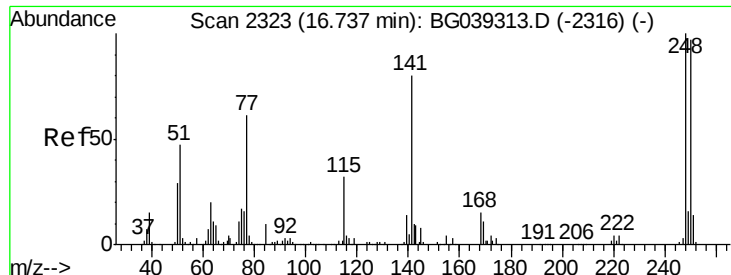


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG039385.D (-2199) (-)

Ion 167.00 (166.70 to 167.70): BG039385.D (-2199) (-)

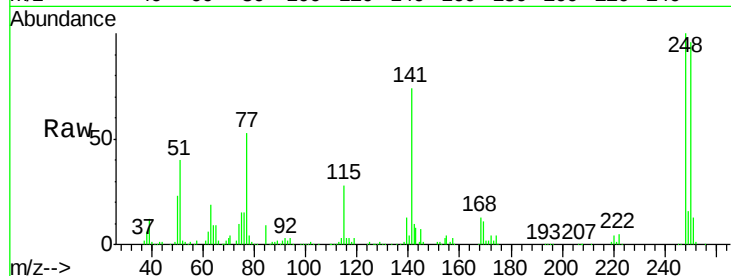




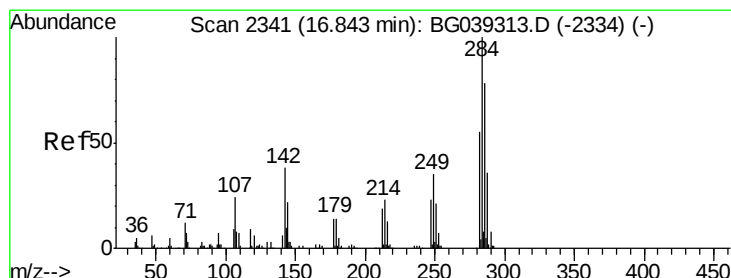
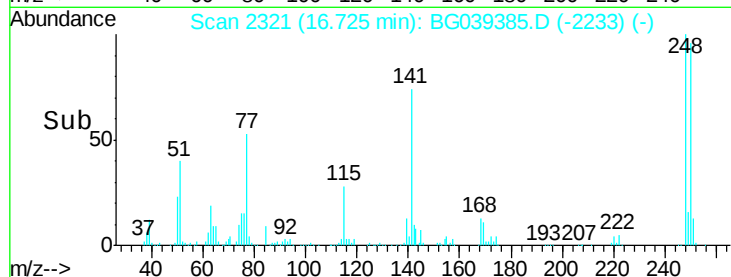
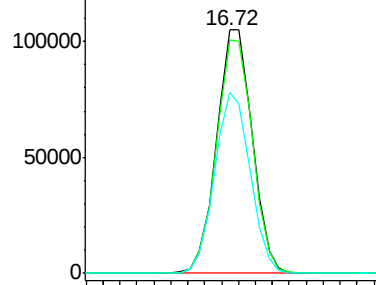
#67
 4-Bromophenyl-phenylether
 Concen: 39.69 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 PB116900BSD

Tot Ion:248 Resp: 154196
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.6 116.4
 141 74.3 63.9 95.9

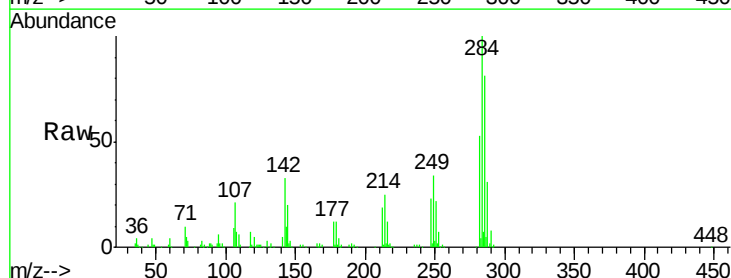


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

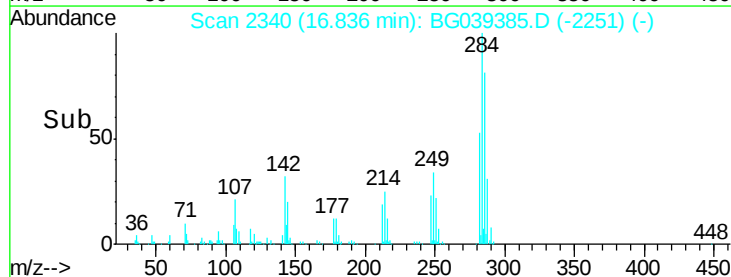
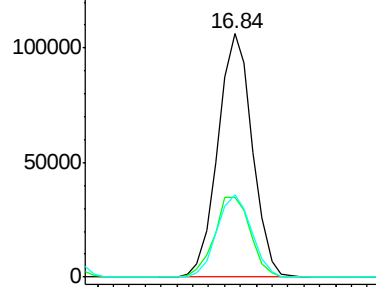


#68
 Hexachlorobenzene
 Concen: 41.06 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG039385.D
 Acq: 7 Feb 2019 17:02

Tgt Ion:284 Resp: 160075
 Ion Ratio Lower Upper
 284 100
 142 32.6 30.6 45.8
 249 33.6 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: 43.20 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

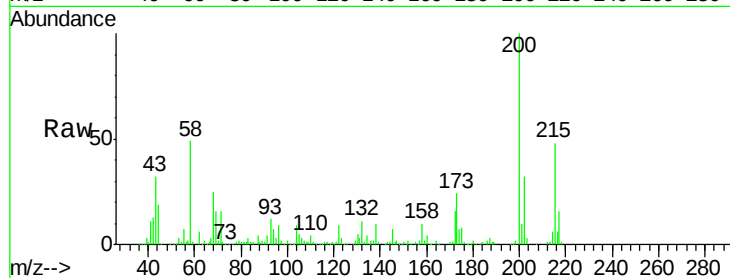
Tot Ion:200 Resp: 168100

Ion Ratio Lower Upper

200 100

173 23.7 3.9 43.9

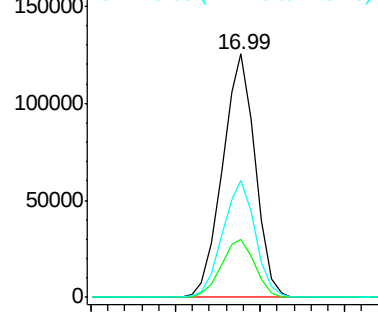
215 48.2 30.9 70.9



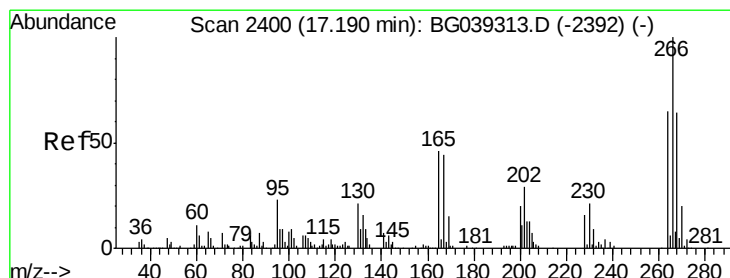
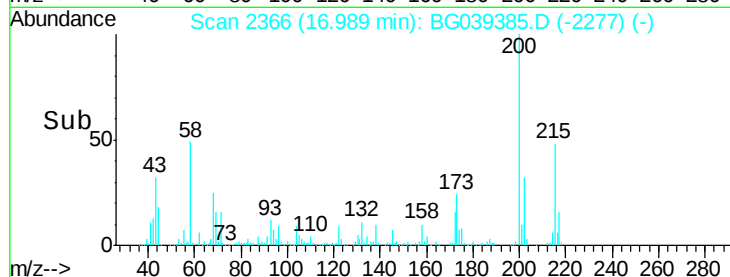
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.90 16.95 17.00 17.05



#70

Pentachlorophenol

Concen: 75.03 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

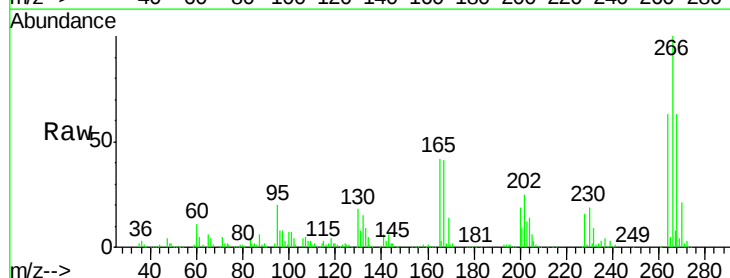
Tgt Ion:266 Resp: 203287

Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

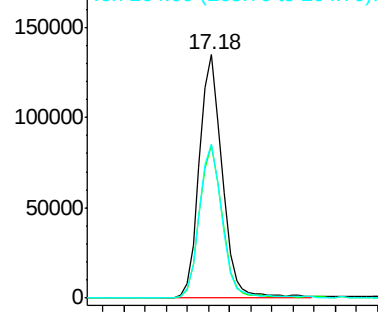
264 63.0 52.1 78.1



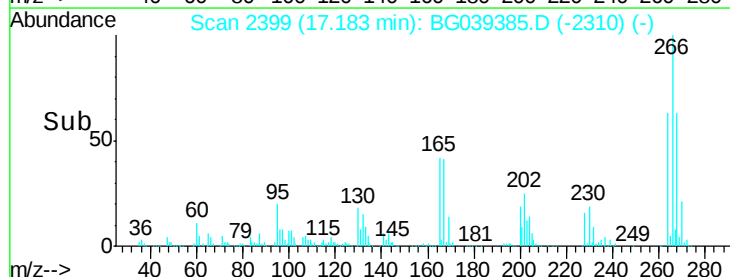
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.10 17.20 17.30

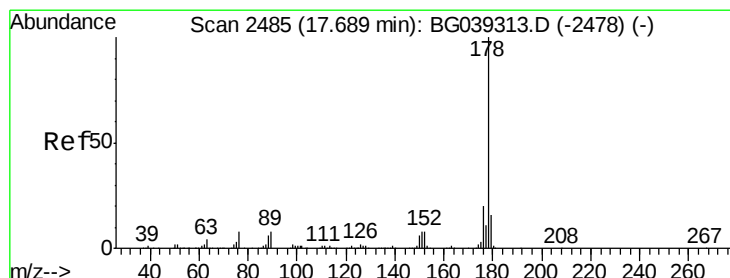
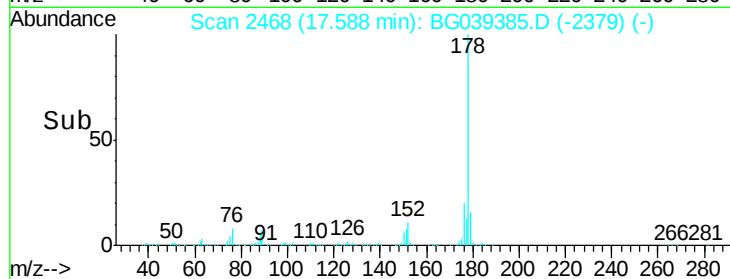
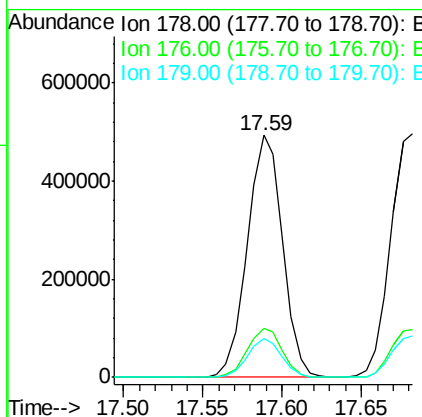
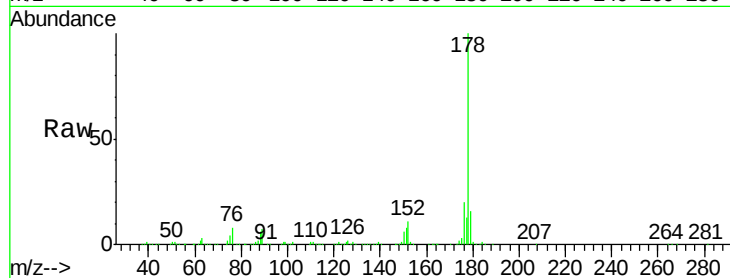




#71
Phenanthrene
Concen: 41.84 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

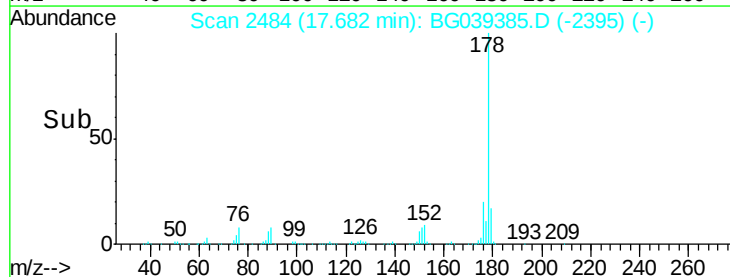
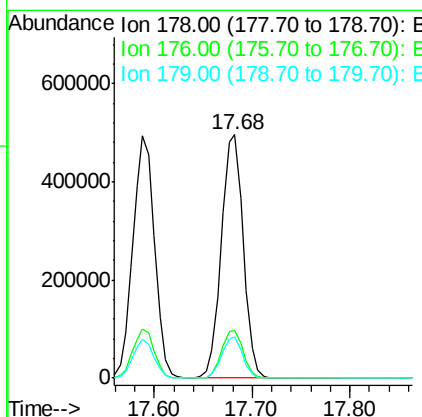
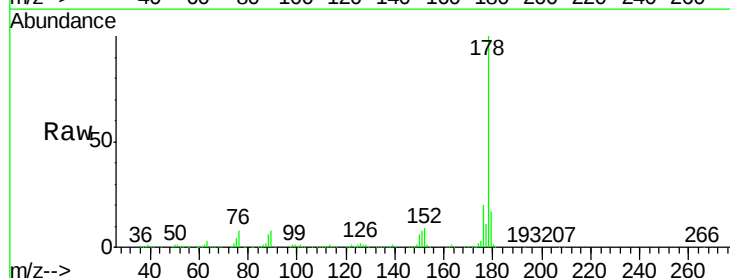
Instrument :
BNA_G
ClientSampleId :
PB116900BSD

Tot Ion:178 Resp: 758400
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.0 12.6 19.0



#72
Anthracene
Concen: 43.17 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion:178 Resp: 770782
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.7 12.5 18.7





#73

Carbazole

Concen: 38.58 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

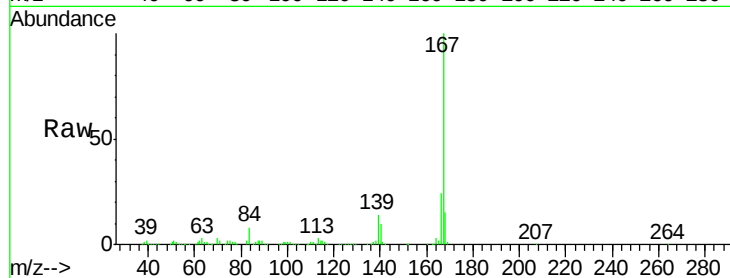
Tot Ion:167 Resp: 687448

Ion Ratio Lower Upper

167 100

166 23.9 19.4 29.2

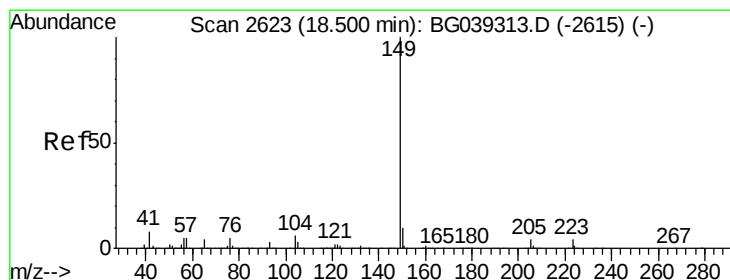
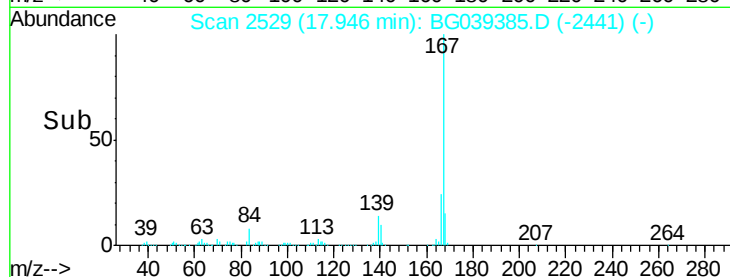
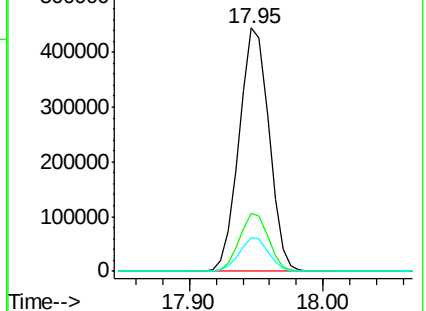
139 13.6 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.33 ng

RT: 18.49 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

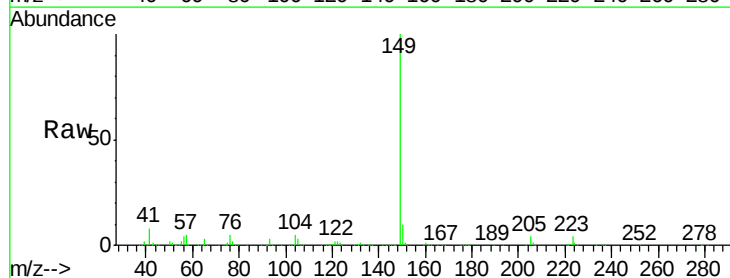
Tgt Ion:149 Resp: 838368

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

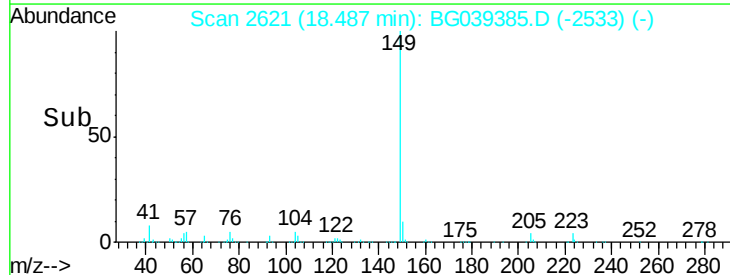
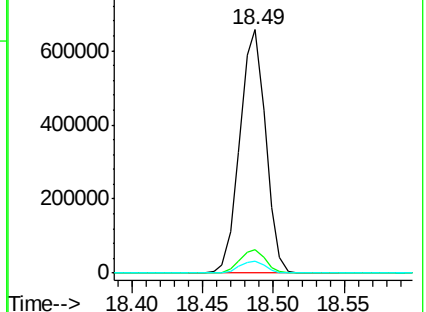
104 5.0 4.5 6.7

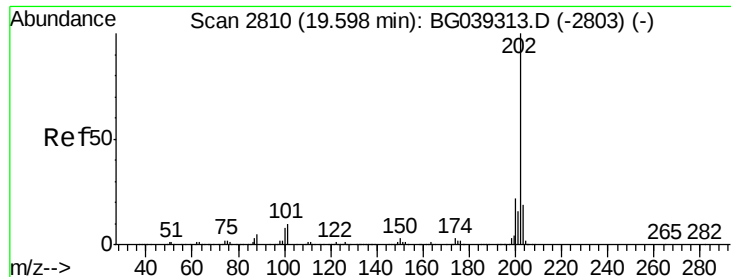


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.22 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

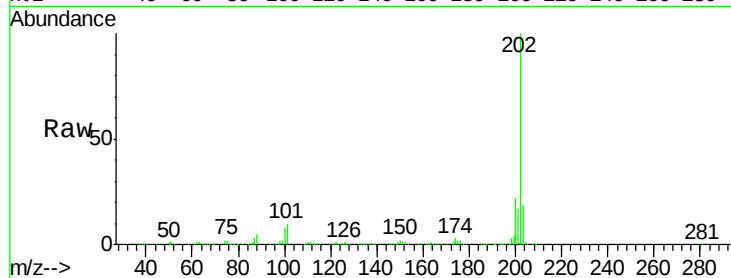
Tot Ion:202 Resp: 930376

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

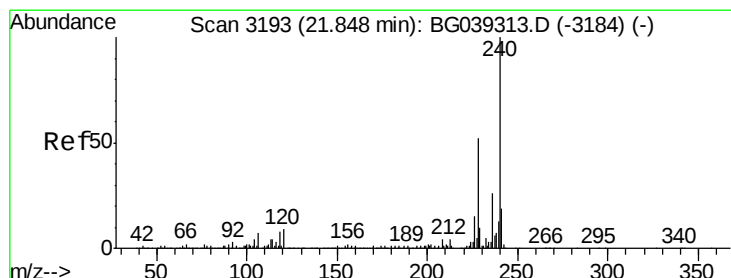
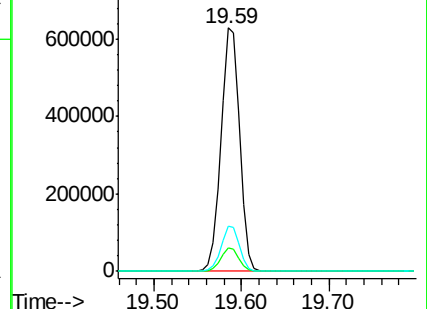
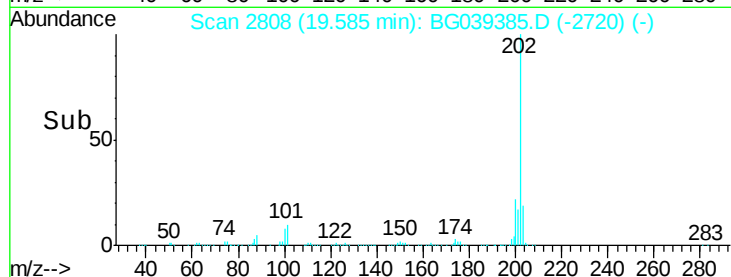
203 18.6 0.0 38.9



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: 20.00 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

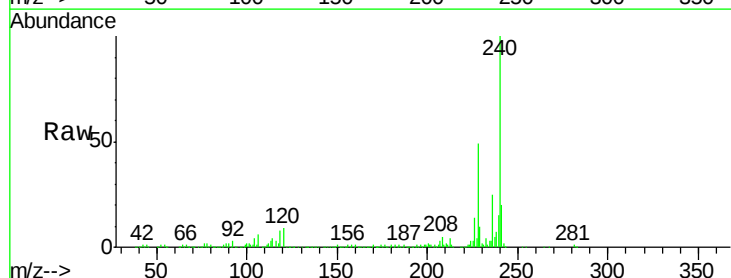
Tgt Ion:240 Resp: 365866

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

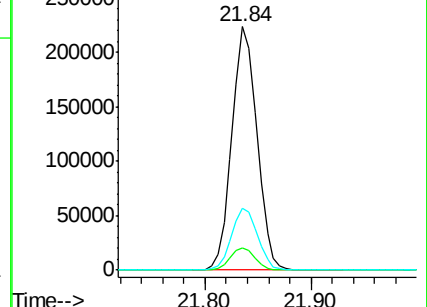
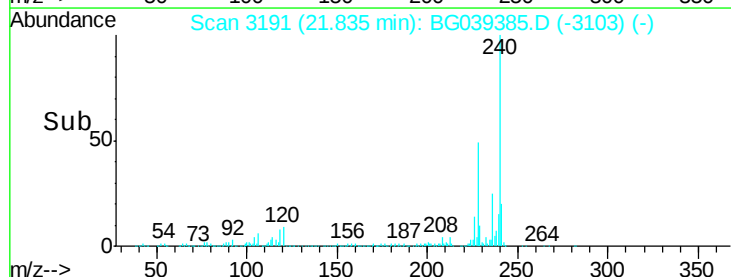
236 25.2 21.0 31.4

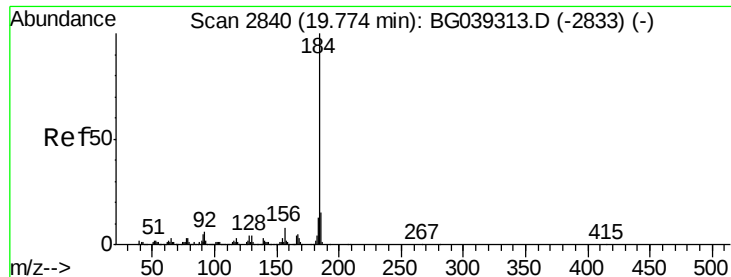


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.49 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

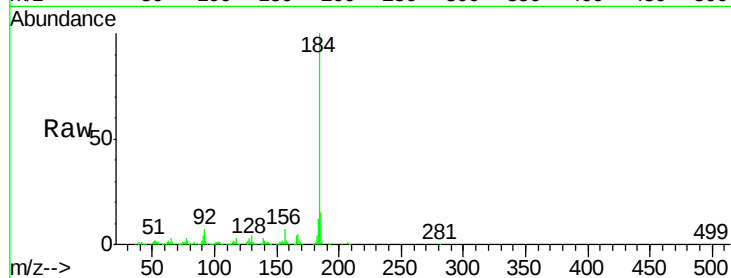
BNA_G

ClientSampleId :

PB116900BSD

Tot Ion:184 Resp: 329727

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.2
183	12.4	10.6	15.8

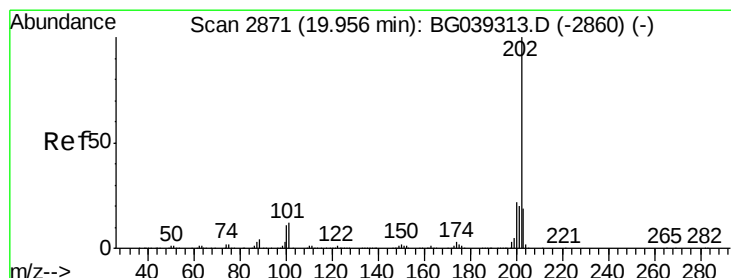
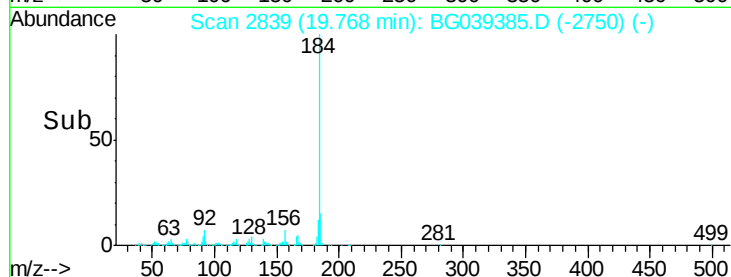
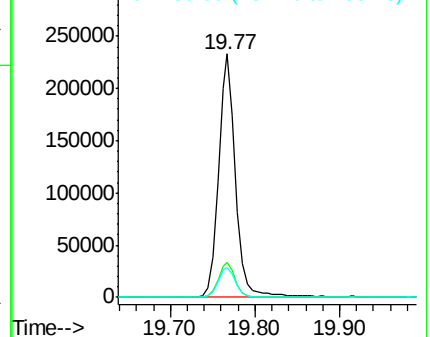


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.88 ng

RT: 19.95 min Scan# 2870

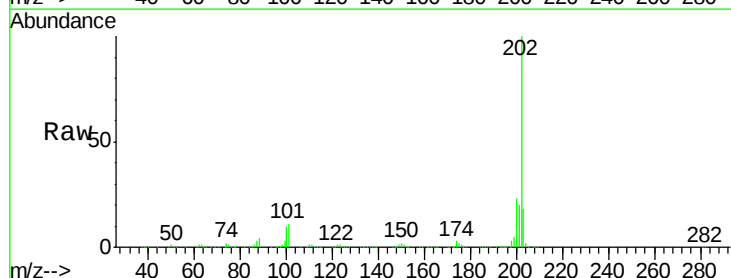
Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Tgt Ion:202 Resp: 931143

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.8	26.8
203	18.4	15.3	22.9

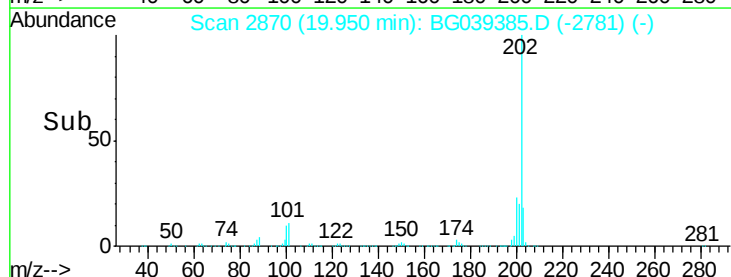
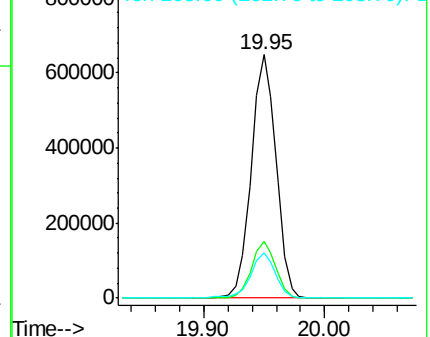


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.03 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

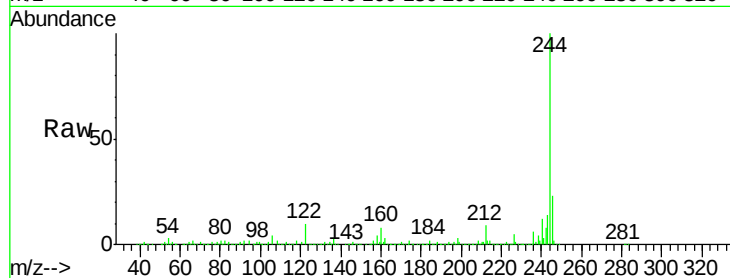
Tot Ion:244 Resp: 1331483

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

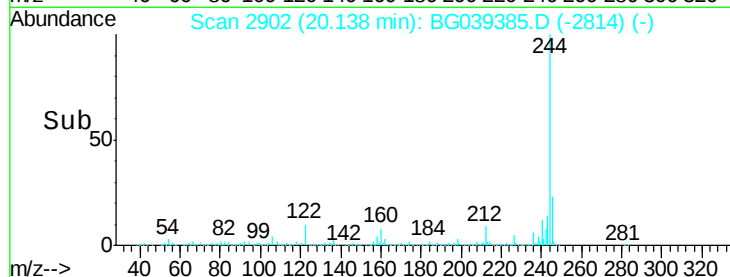
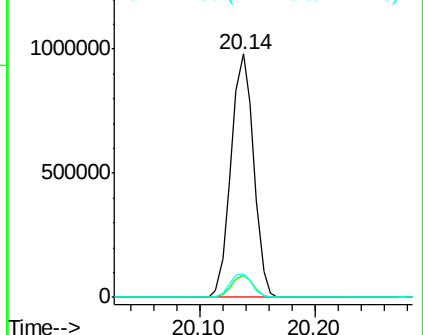
122 9.8 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.58 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

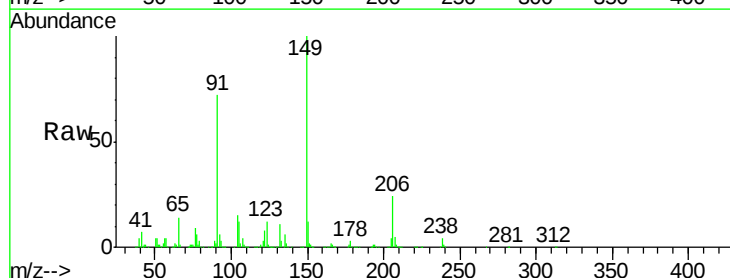
Tgt Ion:149 Resp: 389868

Ion Ratio Lower Upper

149 100

91 71.9 59.5 89.3

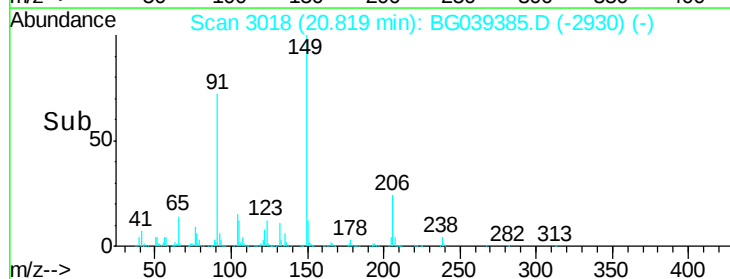
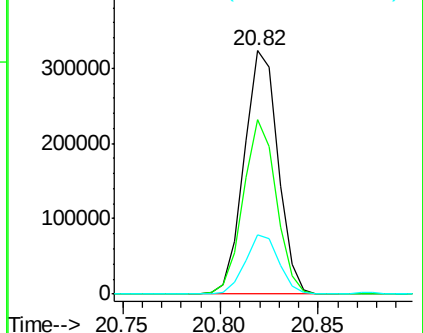
206 24.4 18.6 27.8

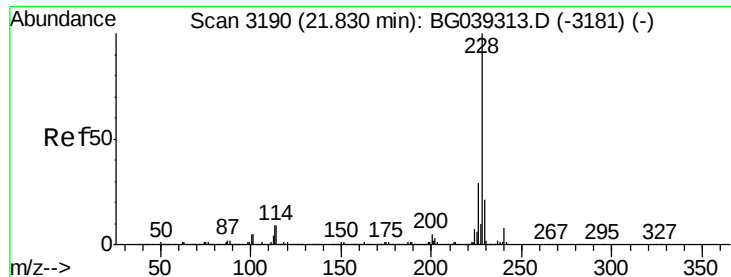


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.20 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

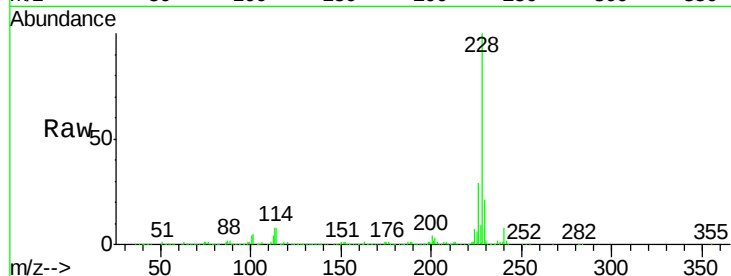
Tot Ion:228 Resp: 912311

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.6

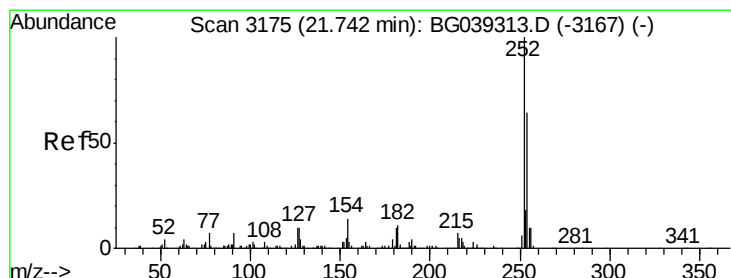
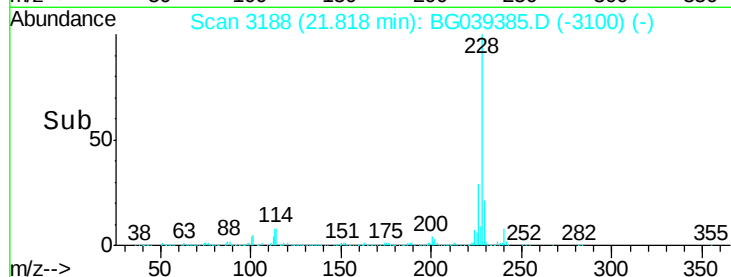
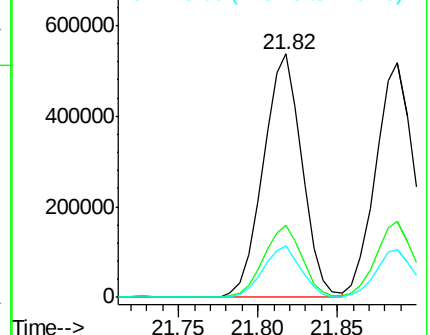
229 21.0 16.9 25.3



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: 26.72 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

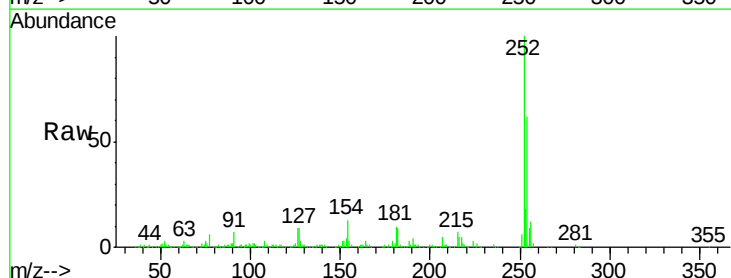
Tgt Ion:252 Resp: 214171

Ion Ratio Lower Upper

252 100

254 61.7 51.3 76.9

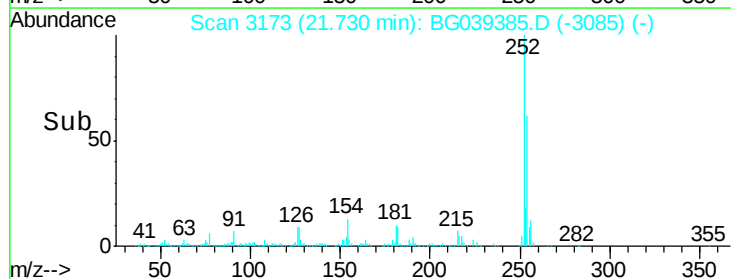
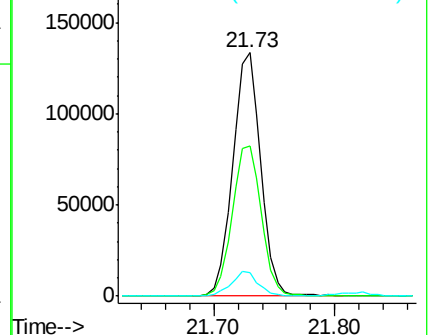
126 9.4 8.0 12.0

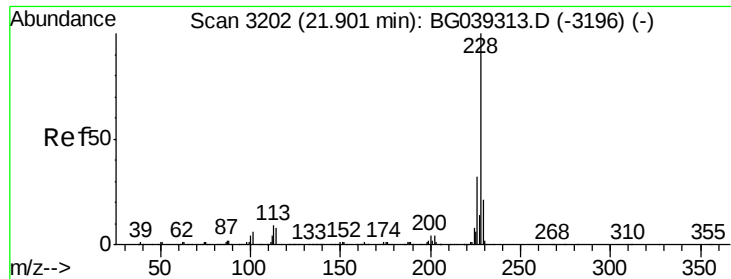


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

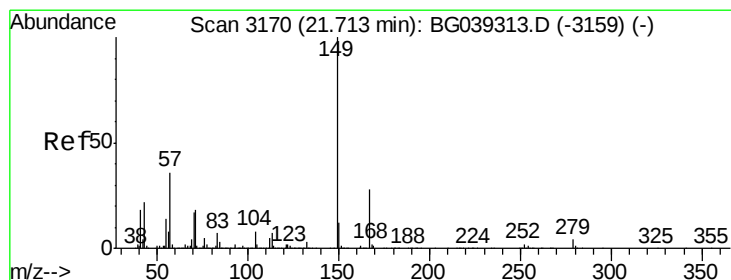
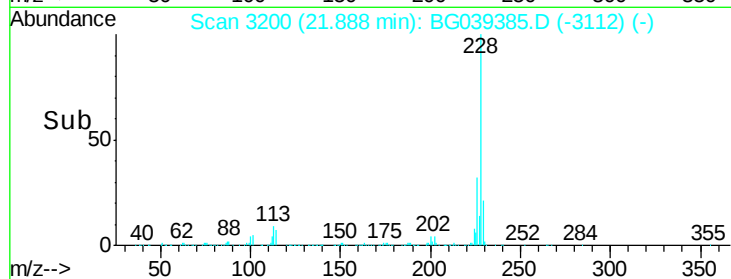
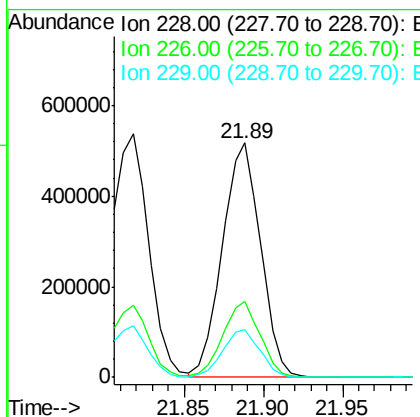
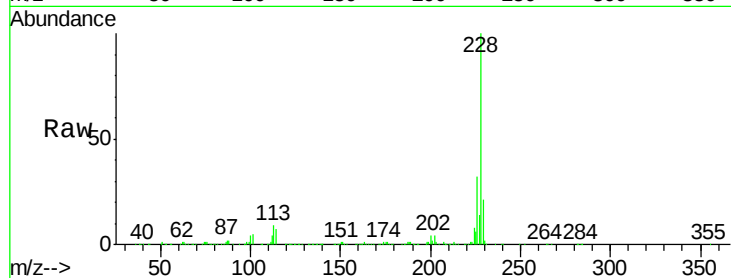




#83
Chrysene
Concen: 41.79 ng
RT: 21.89 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

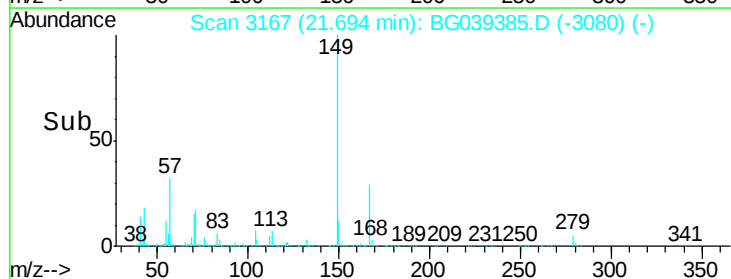
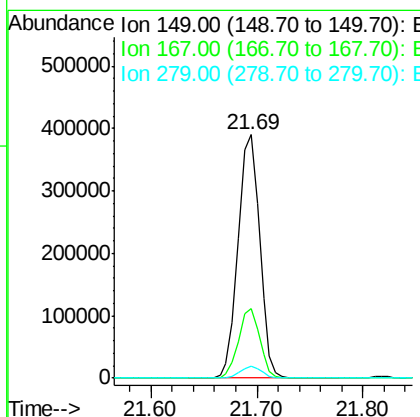
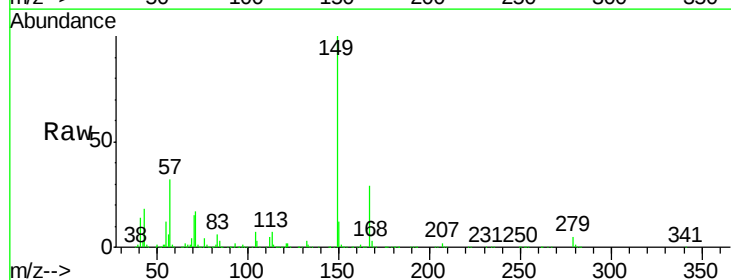
Instrument :
BNA_G
ClientSampleId :
PB116900BSD

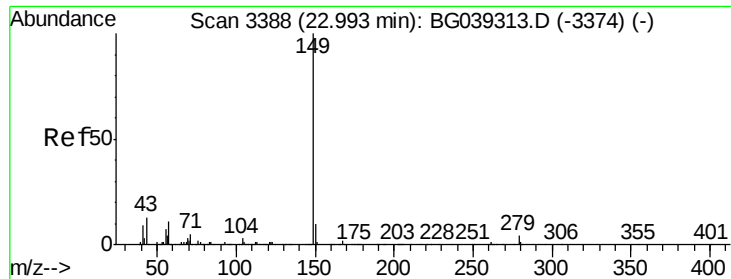
Tot Ion:228 Resp: 860076
Ion Ratio Lower Upper
228 100
226 32.2 25.8 38.6
229 20.5 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.01 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion:149 Resp: 548357
Ion Ratio Lower Upper
149 100
167 28.6 22.6 34.0
279 5.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 41.40 ng

RT: 22.96 min Scan# 3383

Delta R.T. -0.03 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

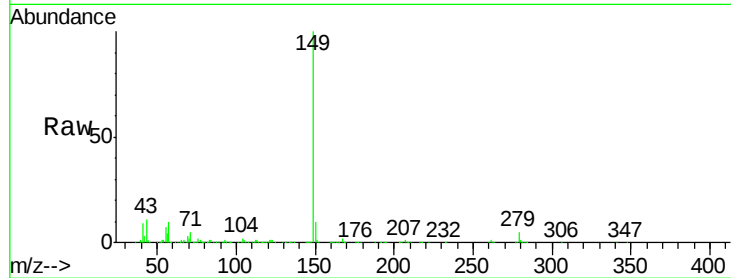
Tot Ion:149 Resp: 937487

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

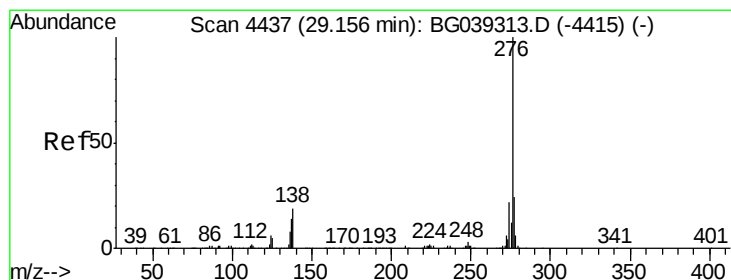
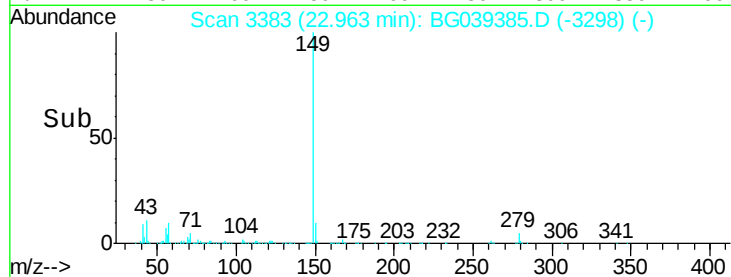
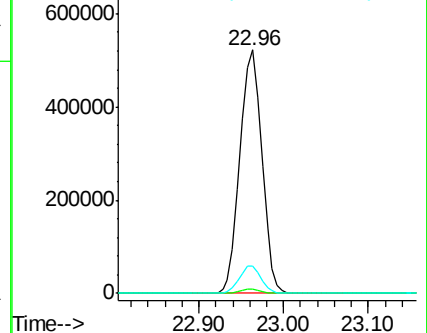
43 10.9 10.2 15.4



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: 46.53 ng

RT: 29.12 min Scan# 4431

Delta R.T. -0.04 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

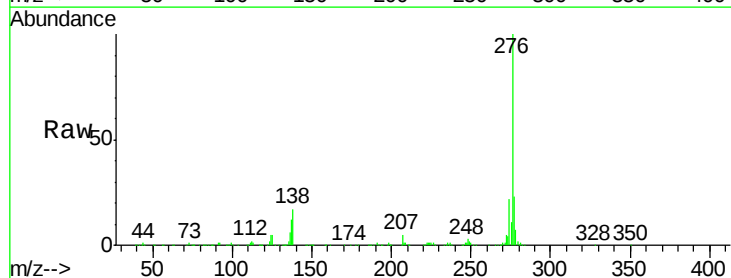
Tgt Ion:276 Resp: 1027470

Ion Ratio Lower Upper

276 100

138 13.1 12.6 19.0

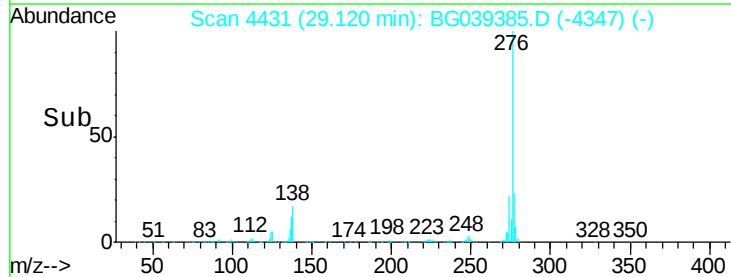
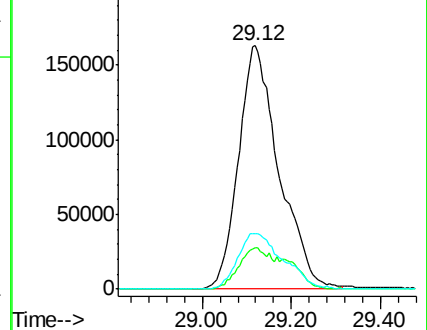
277 25.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



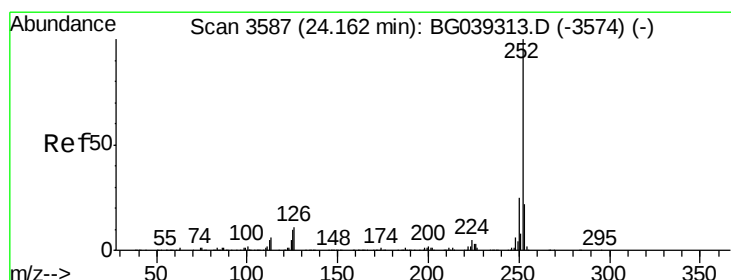
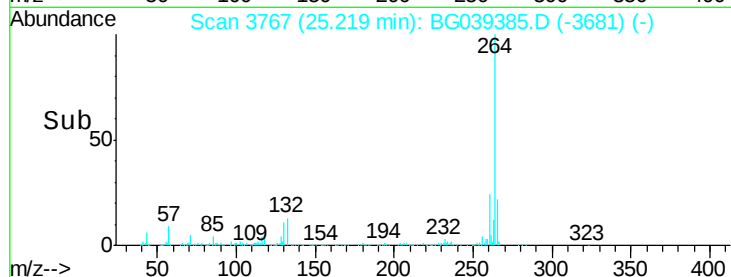
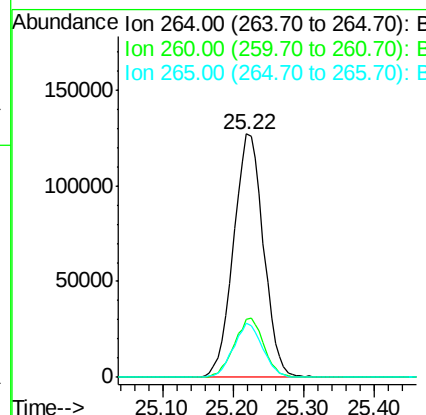
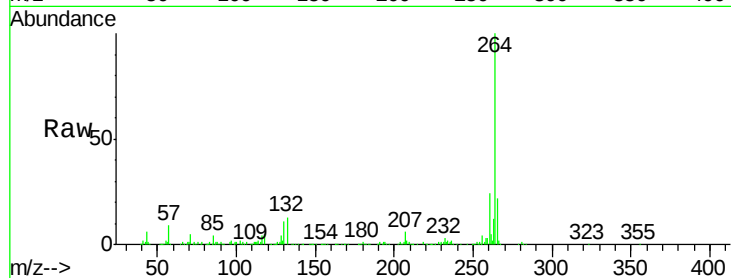


#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Instrument :
BNA_G
ClientSampleId :
PB116900BSD

Tot Ion:264 Resp: 374973

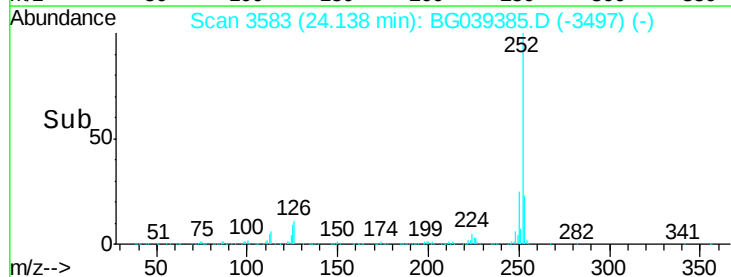
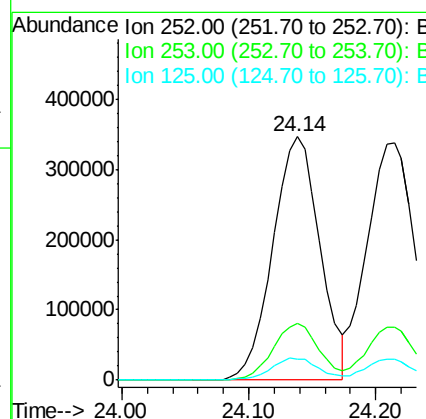
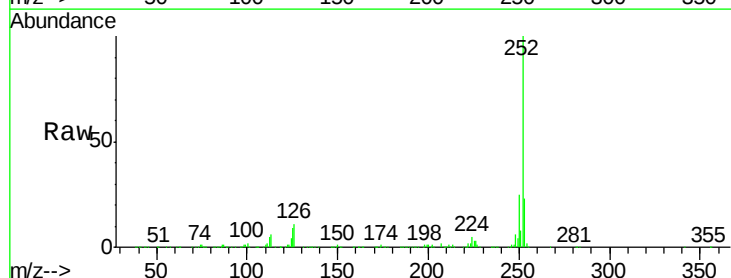
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.5	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 43.88 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.02 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion:252 Resp: 897336

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	8.7	7.8	11.6

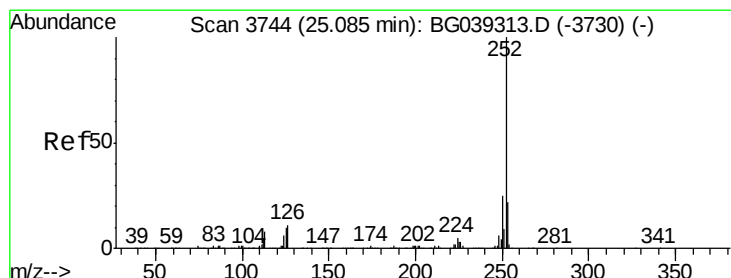
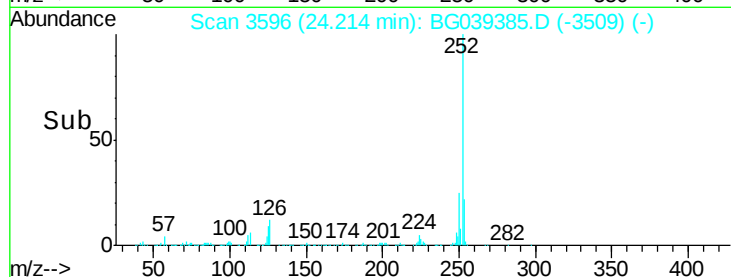
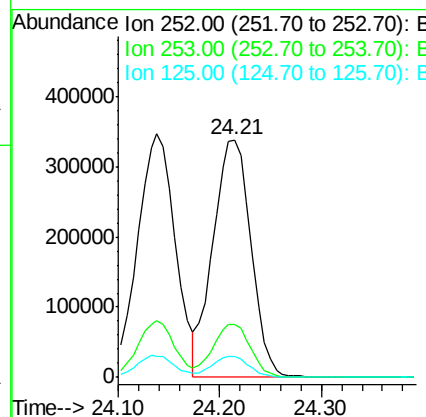
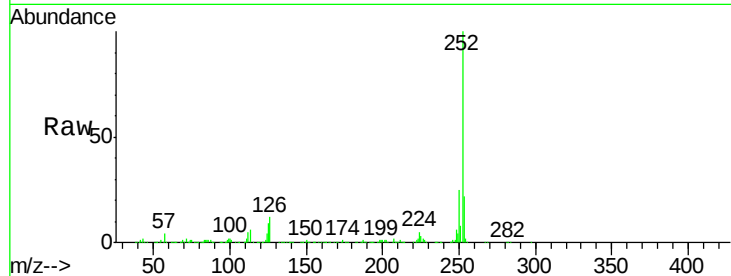




#89
Benzo(k)fluoranthene
Concen: 42.73 ng
RT: 24.21 min Scan# 3596
Delta R.T. -0.02 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

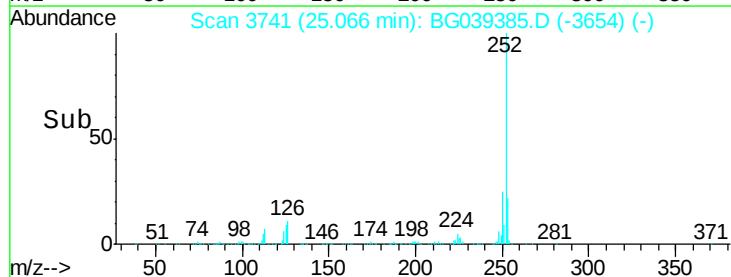
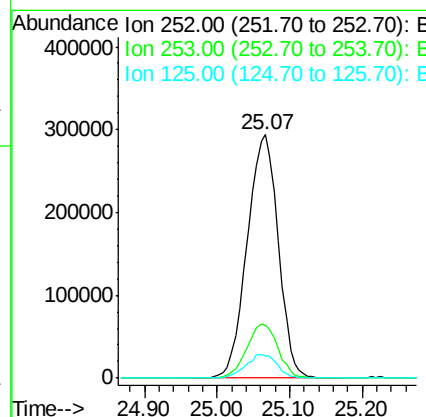
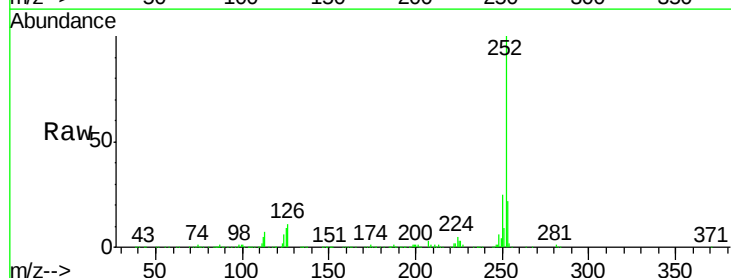
Instrument :
BNA_G
ClientSampleId :
PB116900BSD

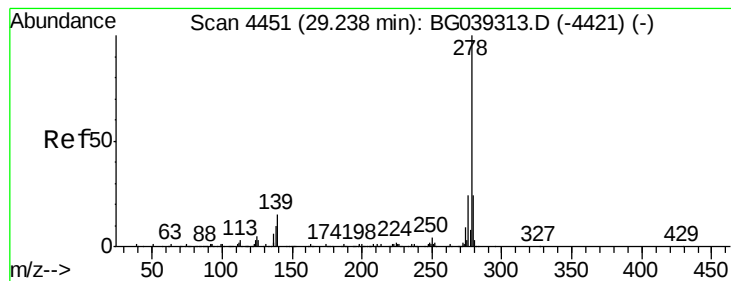
Tot Ion:252 Resp: 877326
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 8.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.46 ng
RT: 25.07 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BG039385.D
Acq: 7 Feb 2019 17:02

Tgt Ion:252 Resp: 875528
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 9.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.69 ng

RT: 29.20 min Scan# 4444

Delta R.T. -0.04 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

Instrument :

BNA_G

ClientSampleId :

PB116900BSD

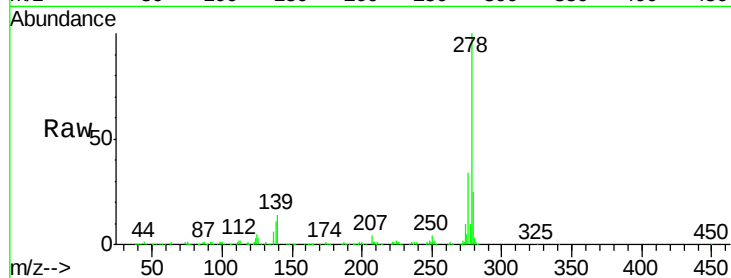
Tot Ion:278 Resp: 824258

Ion Ratio Lower Upper

278 100

139 13.8 11.7 17.5

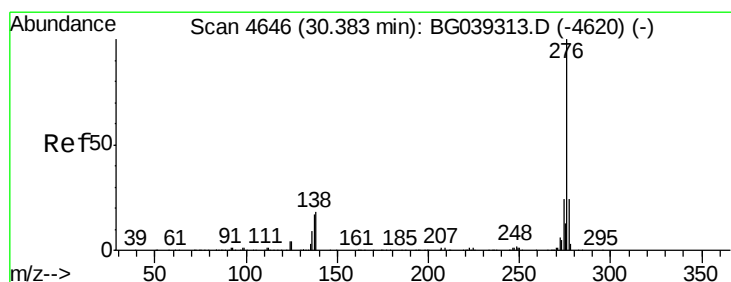
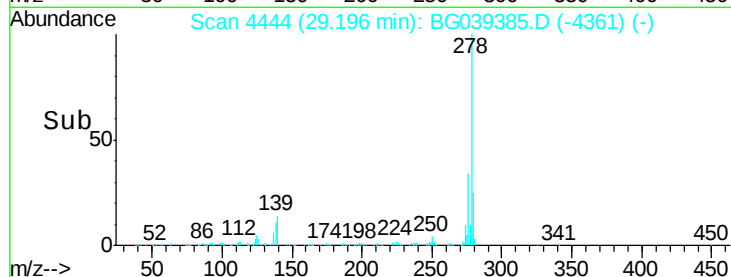
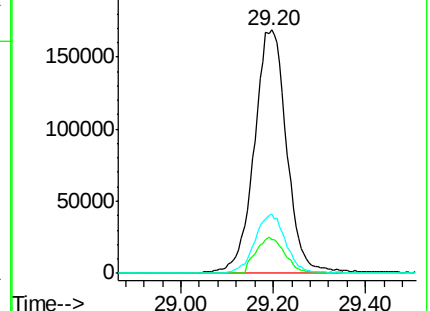
279 24.5 19.1 28.7



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: 44.93 ng

RT: 30.35 min Scan# 4640

Delta R.T. -0.04 min

Lab File: BG039385.D

Acq: 7 Feb 2019 17:02

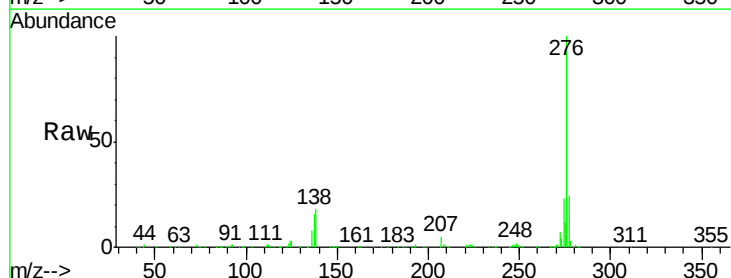
Tgt Ion:276 Resp: 825984

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 18.4 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

