

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039539.D
 Acq On : 18 Feb 2019 14:50
 Operator : JU/SJ
 Sample : PB117160BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 16:03:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	47446	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	220428	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	156541	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	389413	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	381870	20.00	ng	-0.01
87) Perylene-d12	25.21	264	354958	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	461818	166.59	ng	0.00
7) Phenol-d6	7.32	99	667868	163.67	ng	0.00
23) Nitrobenzene-d5	9.35	82	323093	91.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	281081	166.75	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	811159	74.34	ng	-0.01
79) Terphenyl-d14	20.13	244	1419962	78.71	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	43524	35.893	ng	95
3) Pyridine	4.00	79	120867	37.647	ng	97
4) n-Nitrosodimethylamine	3.92	42	64006	39.864	ng	# 81
6) Aniline	7.49	93	148202	28.995	ng	98
8) 2-Chlorophenol	7.73	128	149819	49.441	ng	98
9) Benzaldehyde	7.31	77	57142	25.070	ng	97
10) Phenol	7.35	94	206919	48.645	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	137252	40.834	ng	94
12) 1,3-Dichlorobenzene	8.06	146	146279	39.848	ng	96
13) 1,4-Dichlorobenzene	8.20	146	151252	41.338	ng	98
14) 1,2-Dichlorobenzene	8.52	146	143578	40.535	ng	99
15) Benzyl Alcohol	8.41	79	140765	43.940	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	261197	34.412	ng	99
17) 2-Methylphenol	8.60	107	133177	48.381	ng	97
18) Hexachloroethane	9.26	117	52787	41.934	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	113166	39.074	ng	93
20) 3+4-Methylphenols	8.93	107	187653	49.505	ng	98
22) Acetophenone	9.00	105	219343	37.045	ng	# 94
24) Nitrobenzene	9.39	77	171027	44.867	ng	95
25) Isophorone	9.90	82	322956	41.304	ng	98
26) 2-Nitrophenol	10.10	139	82682	53.417	ng	96
27) 2,4-Dimethylphenol	10.14	122	156838	49.585	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	200468	41.625	ng	97
29) 2,4-Dichlorophenol	10.63	162	173341	50.143	ng	91
30) 1,2,4-Trichlorobenzene	10.85	180	158664	40.881	ng	96
31) Naphthalene	11.04	128	464387	42.467	ng	100
32) Benzoic acid	10.27	122	98432	47.614	ng	96
33) 4-Chloroaniline	11.15	127	113167	22.319	ng	99
34) Hexachlorobutadiene	11.31	225	99908	38.708	ng	96
35) Caprolactam	11.93	113	47978	33.539	ng	96
36) 4-Chloro-3-methylphenol	12.25	107	188175	47.068	ng	98
37) 2-Methylnaphthalene	12.63	142	353929	43.699	ng	99
38) 1-Methylnaphthalene	12.85	142	339114	43.435	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	197179	39.589	ng	99

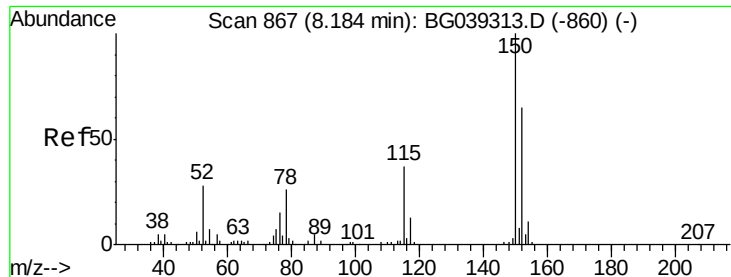
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
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 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	230708	85.005	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	142753	46.615	ng	97
44) 2,4,5-Trichlorophenol	13.30	196	157059	48.934	ng	97
46) 1,1'-Biphenyl	13.63	154	491047	37.701	ng	100
47) 2-Chloronaphthalene	13.68	162	383300	39.120	ng	97
48) 2-Nitroaniline	13.89	65	134964	47.959	ng	98
49) Acenaphthylene	14.52	152	618575	41.839	ng	99
50) Dimethylphthalate	14.24	163	516395	40.845	ng	99
51) 2,6-Dinitrotoluene	14.37	165	115026	48.587	ng	98
52) Acenaphthene	14.86	154	376772	39.260	ng	97
53) 3-Nitroaniline	14.71	138	85110	35.146	ng	# 85
54) 2,4-Dinitrophenol	14.91	184	95240	87.247	ng	95
55) Dibenzofuran	15.19	168	625267	40.636	ng	99
56) 4-Nitrophenol	15.00	139	192531	83.918	ng	90
57) 2,4-Dinitrotoluene	15.15	165	164170	53.223	ng	# 90
58) Fluorene	15.84	166	496788	43.310	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	154041	51.258	ng	96
60) Diethylphthalate	15.59	149	518232	39.645	ng	96
61) 4-Chlorophenyl-phenylether	15.82	204	265663	40.903	ng	95
62) 4-Nitroaniline	15.87	138	124468	47.040	ng	91
63) Azobenzene	16.12	77	468235	36.648	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	82418	51.979	ng	92
66) n-Nitrosodiphenylamine	16.04	169	453164	38.272	ng	100
67) 4-Bromophenyl-phenylether	16.72	248	173515	40.165	ng	95
68) Hexachlorobenzene	16.83	284	177580	40.970	ng	98
69) Atrazine	16.98	200	179164	41.405	ng	96
70) Pentachlorophenol	17.18	266	217967	72.355	ng	99
71) Phenanthrene	17.58	178	822861	40.827	ng	98
72) Anthracene	17.67	178	831969	41.907	ng	99
73) Carbazole	17.94	167	732259	36.959	ng	98
74) Di-n-butylphthalate	18.47	149	885072	38.292	ng	100
75) Fluoranthene	19.58	202	972687	41.579	ng	99
77) Benzidine	19.76	184	280857	22.433	ng	99
78) Pyrene	19.94	202	991103	41.691	ng	99
80) Butylbenzylphthalate	20.81	149	413667	41.251	ng	95
81) Benzo(a)anthracene	21.81	228	960413	42.563	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	256689	30.680	ng	99
83) Chrysene	21.88	228	893221	41.584	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	573200	40.066	ng	98
85) Di-n-octyl phthalate	22.94	149	986720	41.747	ng	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	957855	41.562	ng	# 95
88) Benzo(b)fluoranthene	24.13	252	927058	47.891	ng	99
89) Benzo(k)fluoranthene	24.20	252	887424	45.661	ng	99
90) Benzo(a)pyrene	25.05	252	898555	48.198	ng	97
91) Dibenzo(a,h)anthracene	29.18	278	777377	44.525	ng	98
92) Benzo(g,h,i)perylene	30.33	276	760657	43.711	ng	100

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

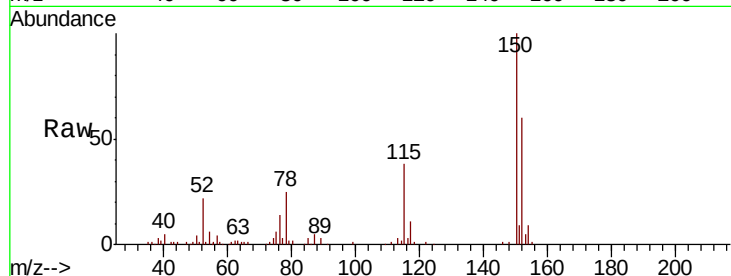


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.4	123.7	185.5
115	63.0	45.9	68.9

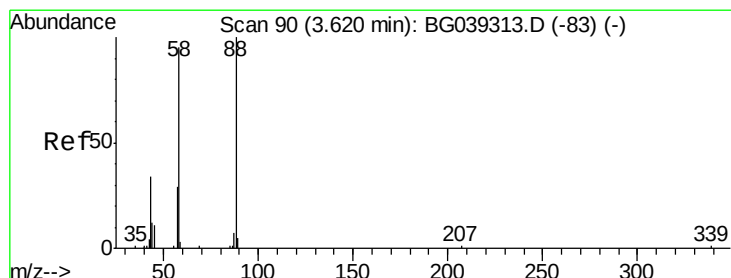
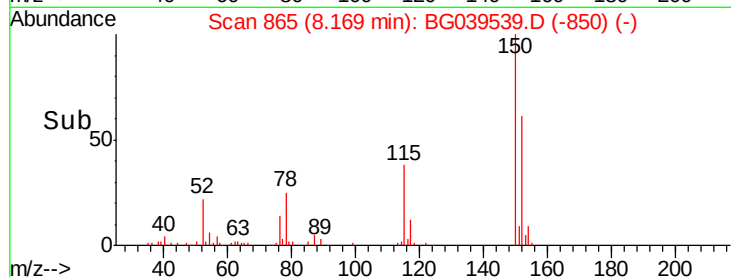
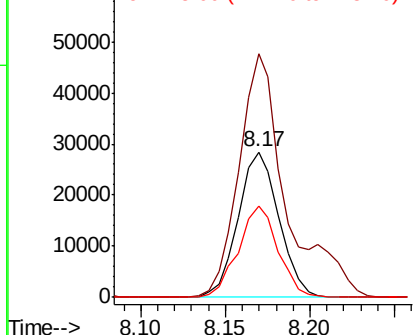


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

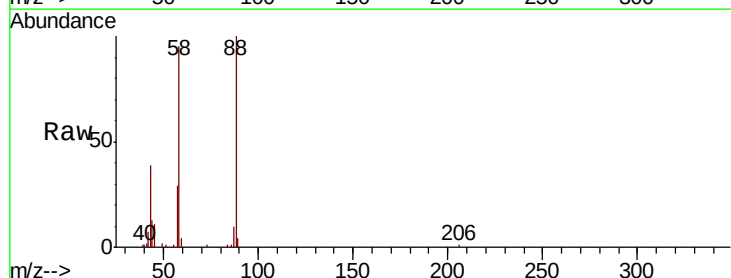
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.893 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.7	81.1	121.7
43	34.1	31.4	47.0

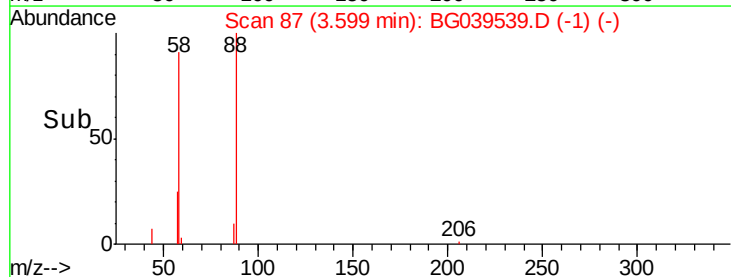
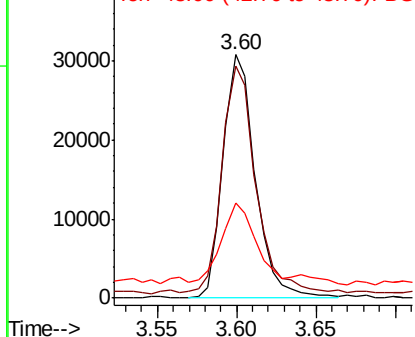


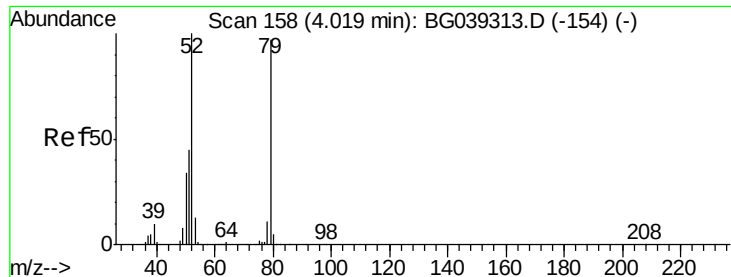
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.647 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

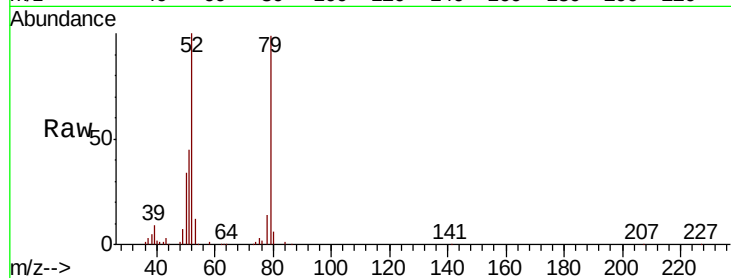
Tot Ion: 79 Resp: 120867

Ion Ratio Lower Upper

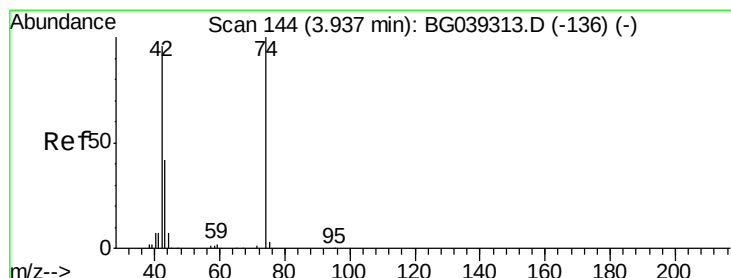
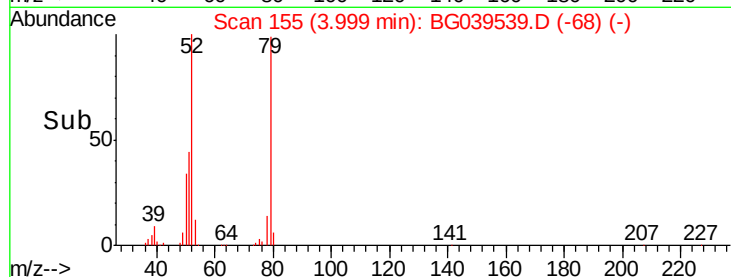
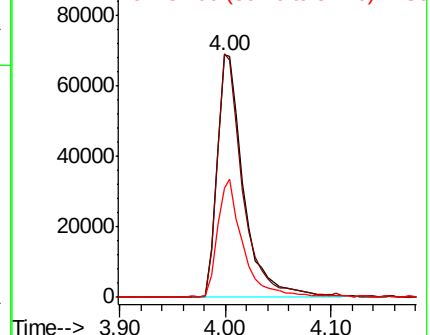
79 100

52 100.5 82.6 124.0

51 45.0 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 39.864 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

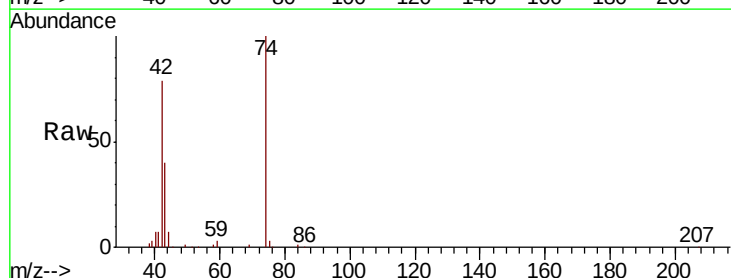
Tgt Ion: 42 Resp: 64006

Ion Ratio Lower Upper

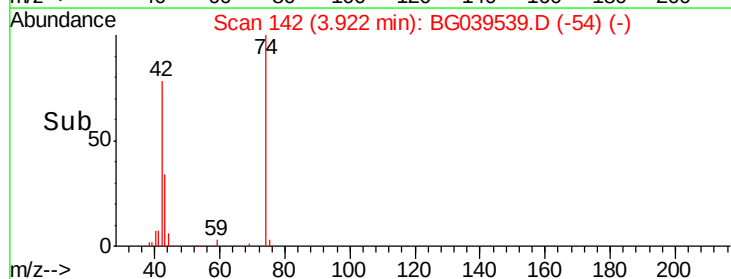
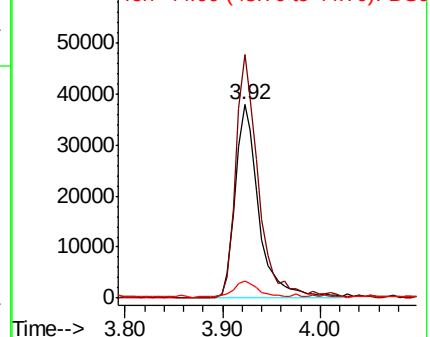
42 100

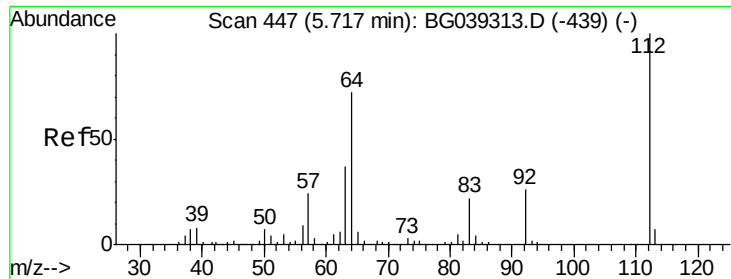
74 126.0 83.6 125.4#

44 8.6 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: 166.591 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampled :

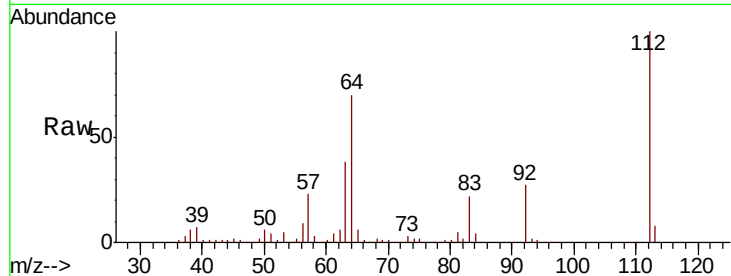
Tot Ion:112 Resp: 461818

Ion Ratio Lower Upper

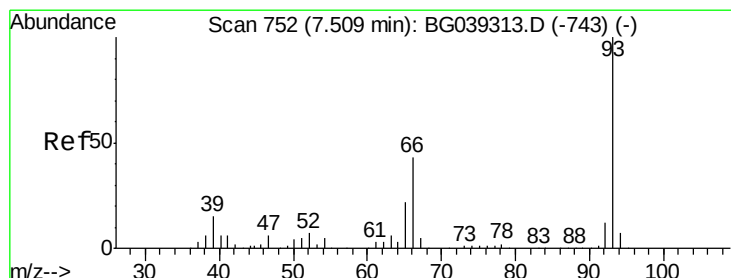
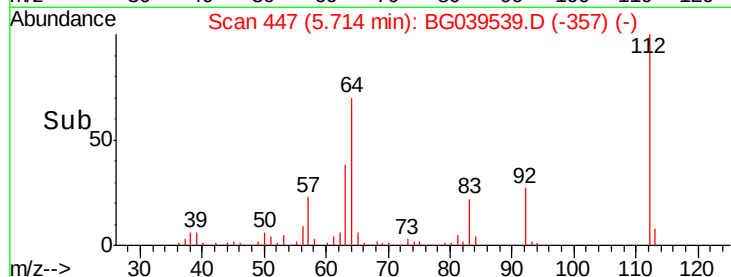
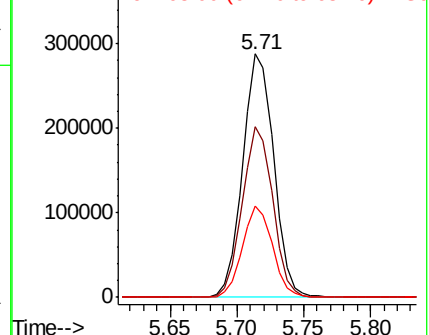
112 100

64 70.0 57.8 86.8

63 37.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.995 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

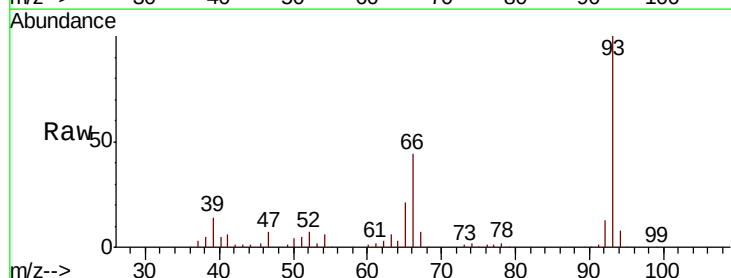
Tgt Ion: 93 Resp: 148202

Ion Ratio Lower Upper

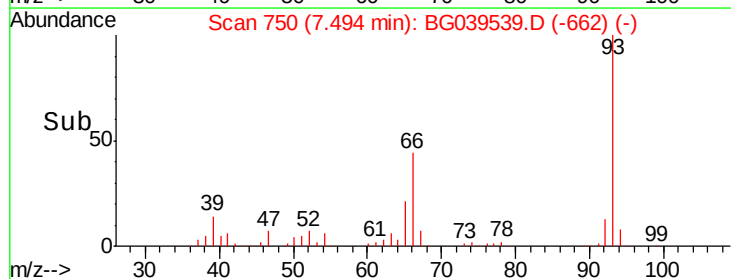
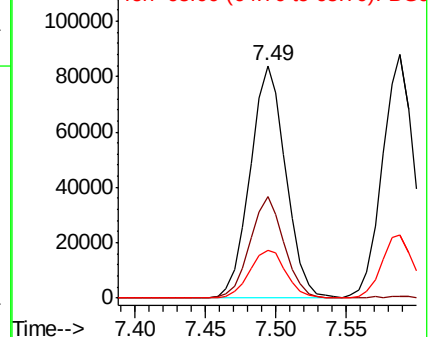
93 100

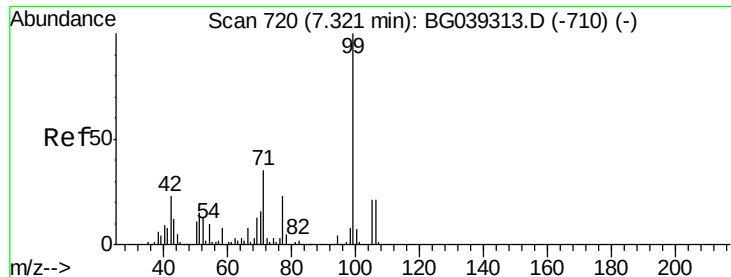
66 43.9 34.2 51.4

65 20.8 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: 163.671 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampled :

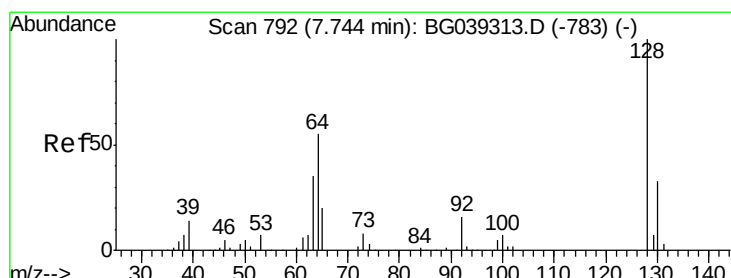
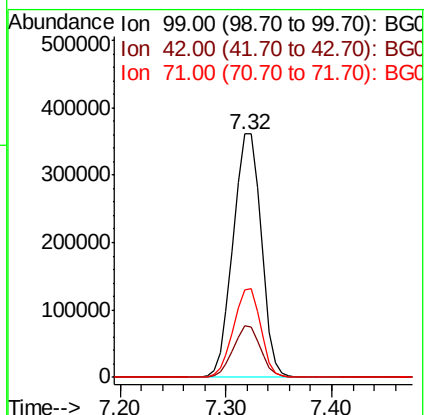
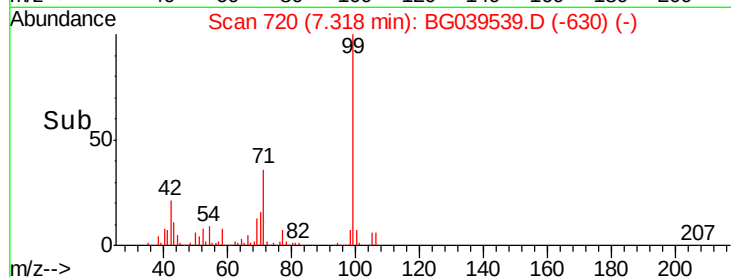
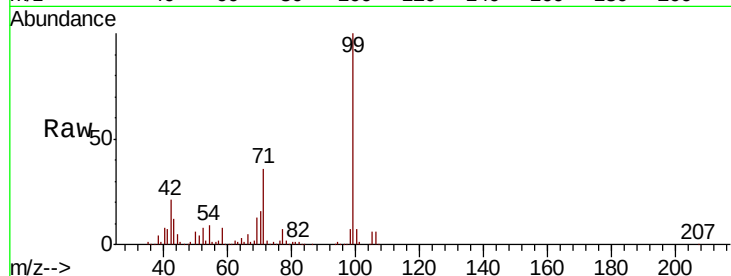
Tot Ion: 99 Resp: 667868

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.2

71 36.0 28.0 42.0



#8

2-Chlorophenol

Concen: 49.441 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

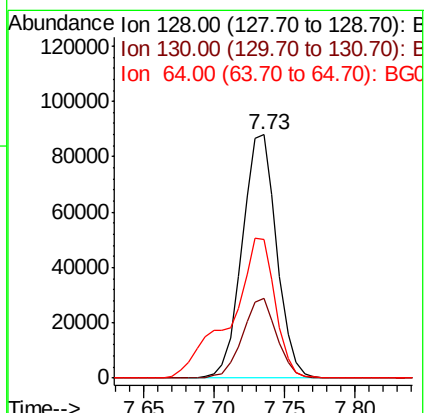
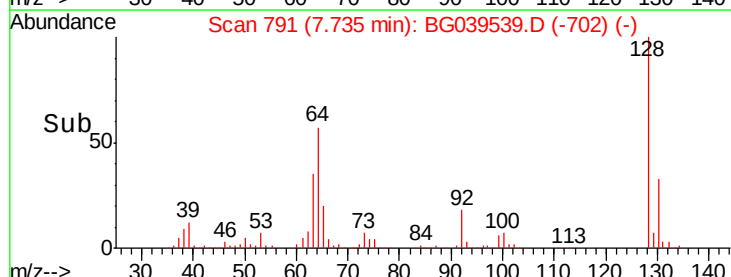
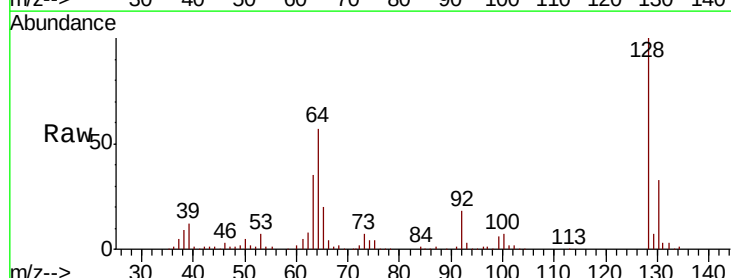
Tgt Ion: 128 Resp: 149819

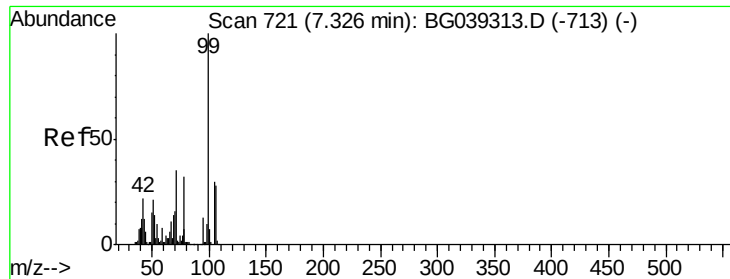
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 56.8 38.7 78.7





#9

Benzaldehyde

Concen: 25.070 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

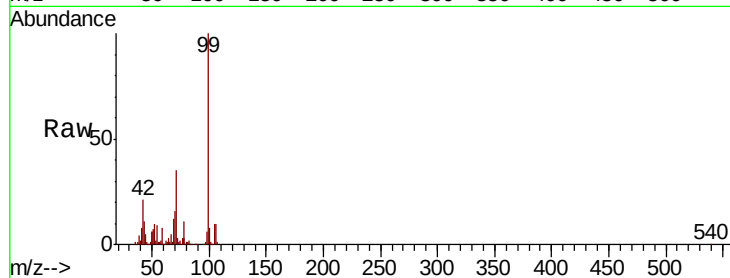
Tot Ion: 77 Resp: 57142

Ion Ratio Lower Upper

77 100

105 91.9 74.5 114.5

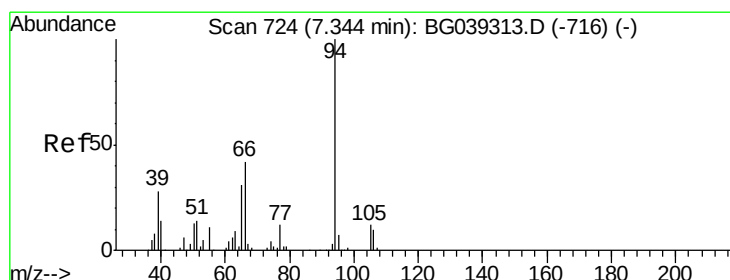
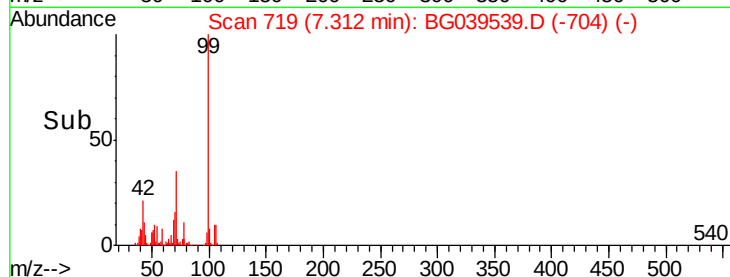
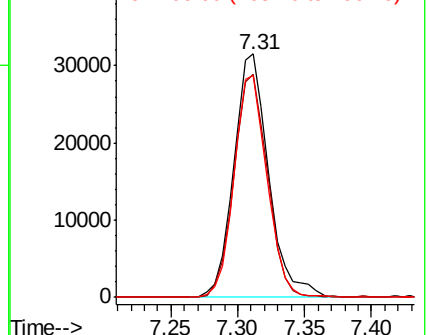
106 90.9 68.0 108.0



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: 48.645 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

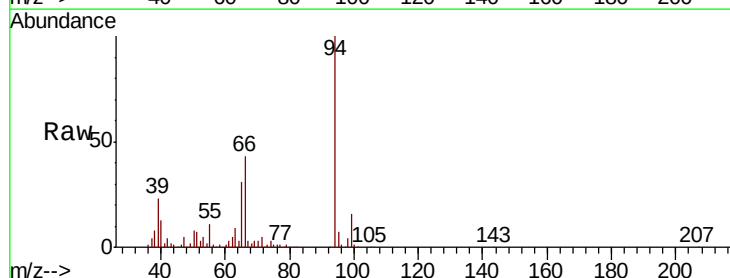
Tgt Ion: 94 Resp: 206919

Ion Ratio Lower Upper

94 100

65 31.0 11.7 51.7

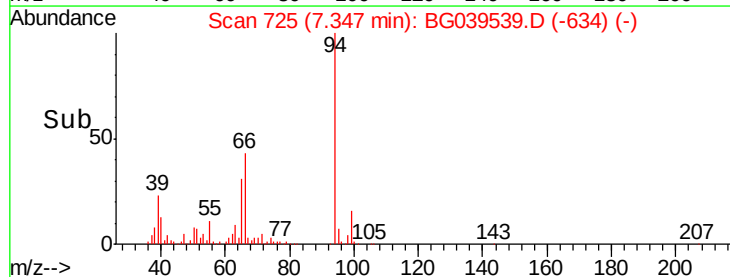
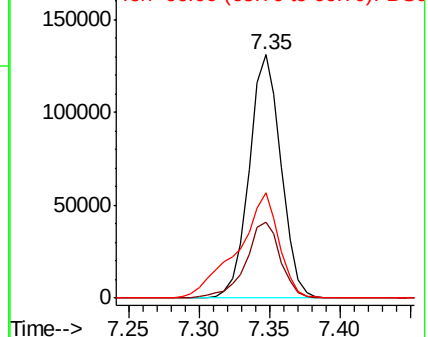
66 43.1 23.7 63.7

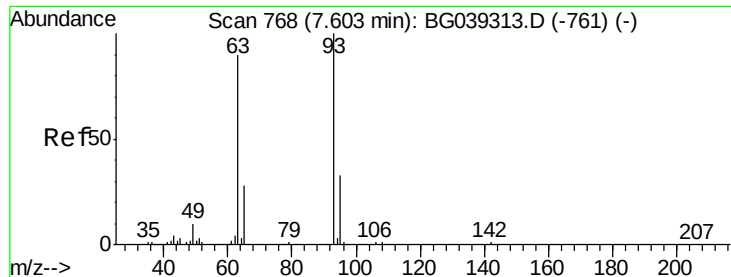


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.834 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampled :

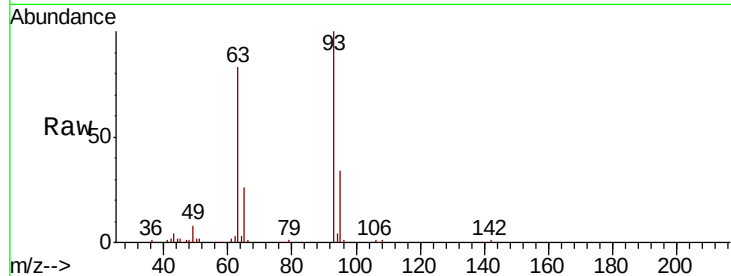
Tot Ion: 93 Resp: 137252

Ion Ratio Lower Upper

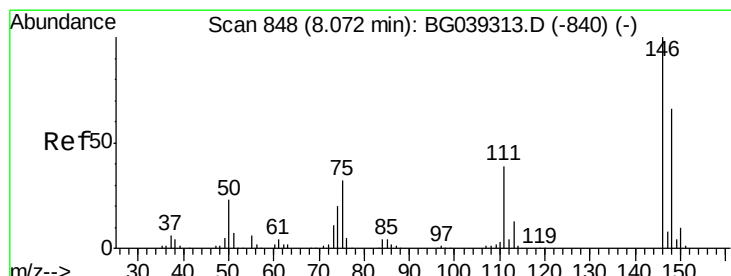
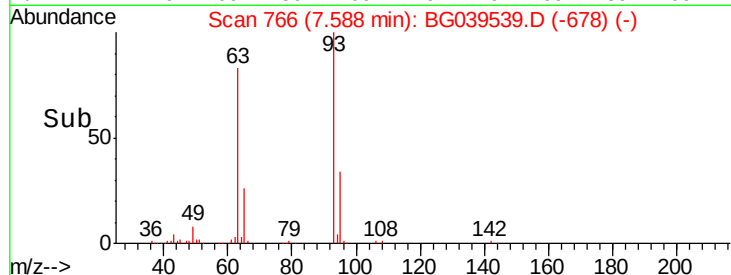
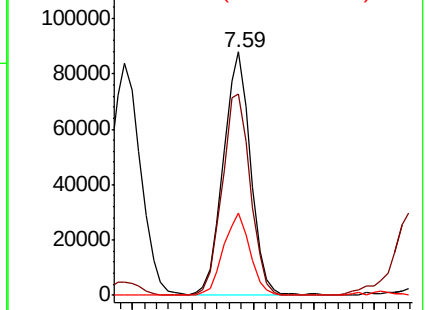
93 100

63 82.9 69.5 109.5

95 33.6 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: 39.848 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

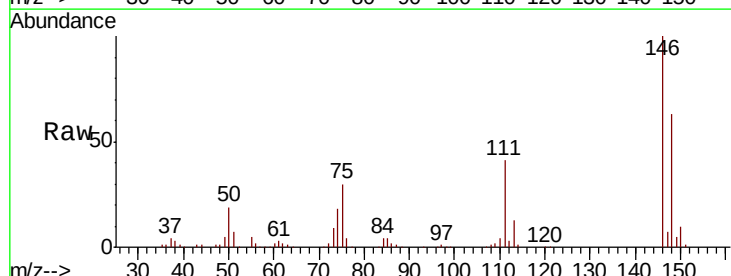
Tgt Ion: 146 Resp: 146279

Ion Ratio Lower Upper

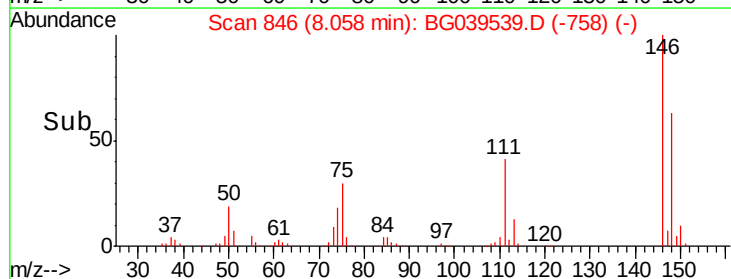
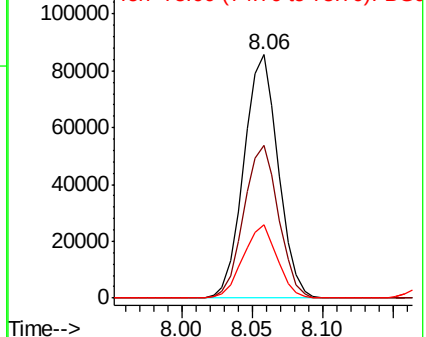
146 100

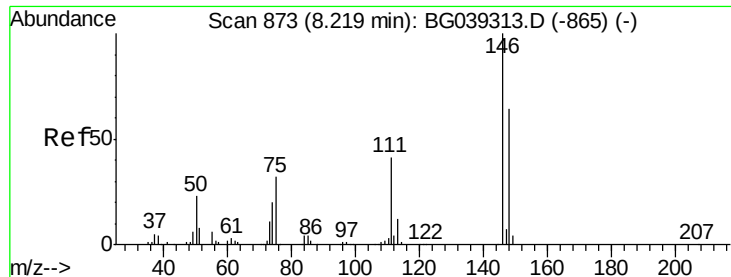
148 62.5 52.6 79.0

75 29.9 25.8 38.6



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

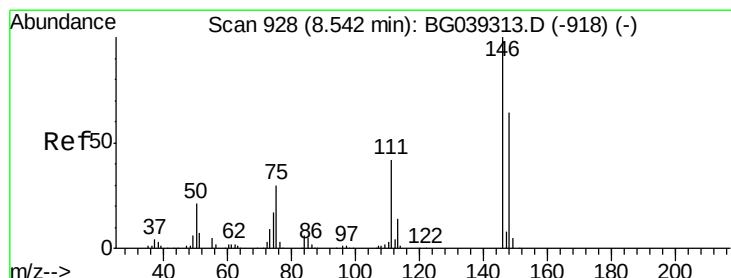
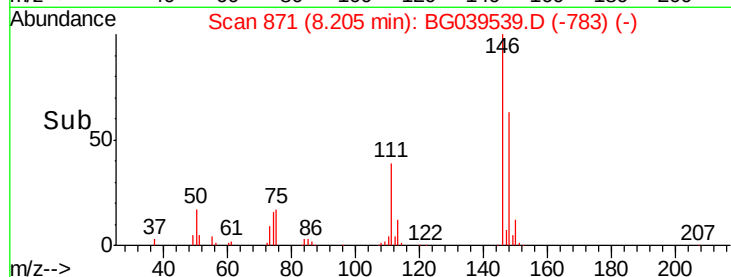
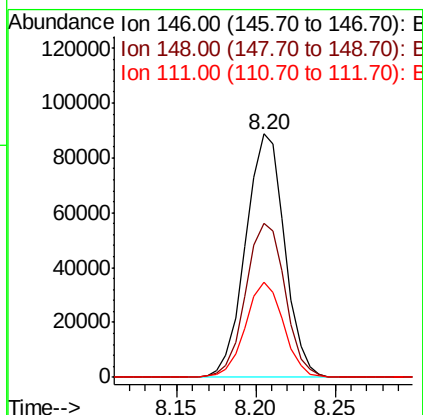
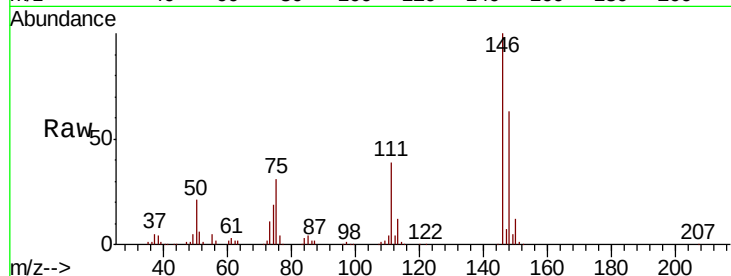




#13
 1,4-Dichlorobenzene
 Concen: 41.338 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

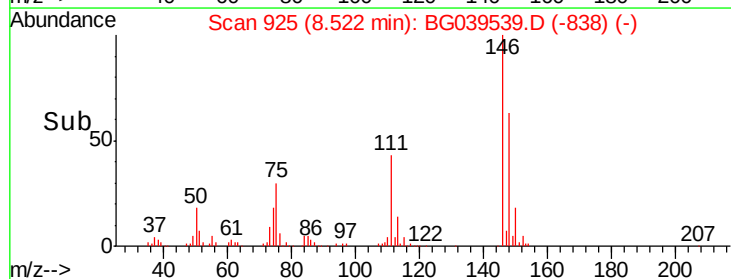
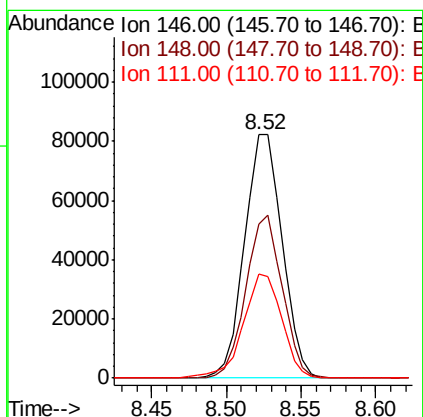
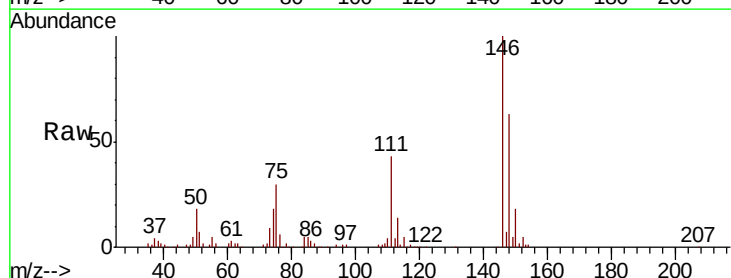
Instrument :
 BNA_G
 ClientSampled :

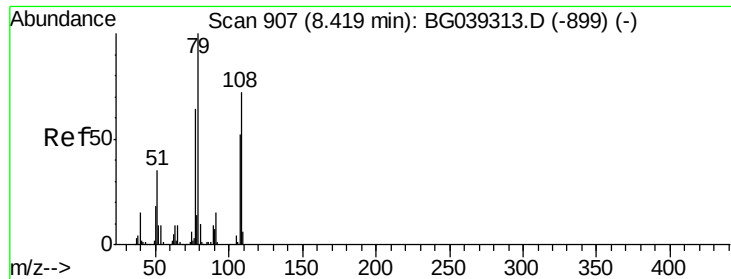
Tot Ion:146 Resp: 151252
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.1 76.7
 111 39.1 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 40.535 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion:146 Resp: 143578
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.5 77.3
 111 42.6 33.8 50.6





#15

Benzyl Alcohol

Concen: 43.940 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

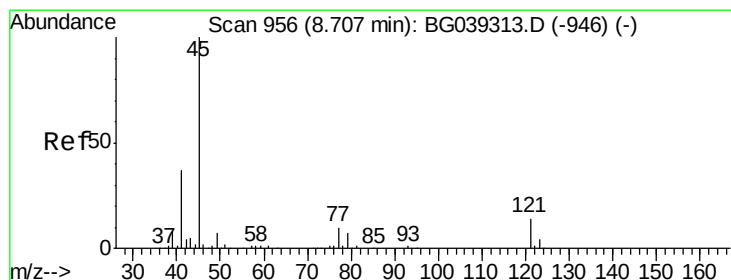
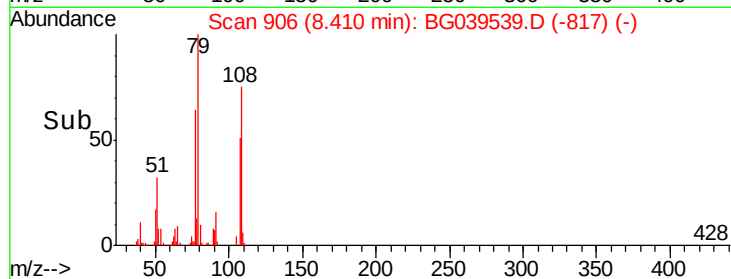
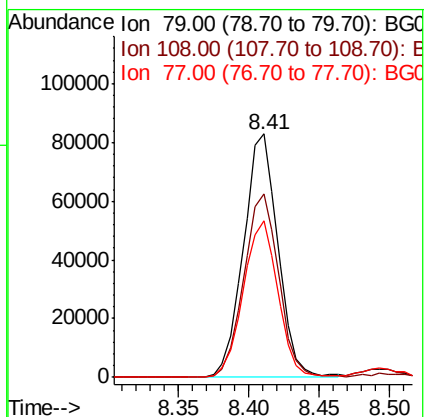
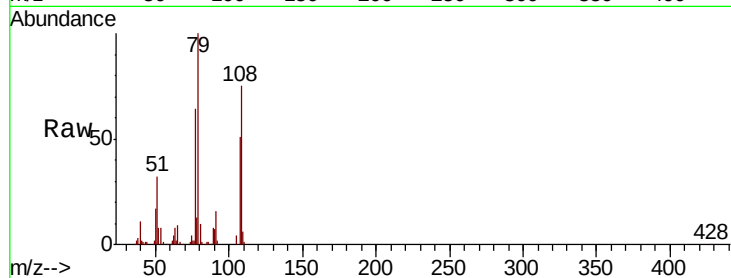
Tot Ion: 79 Resp: 140765

Ion Ratio Lower Upper

79 100

108 75.2 57.8 86.6

77 64.5 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.412 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

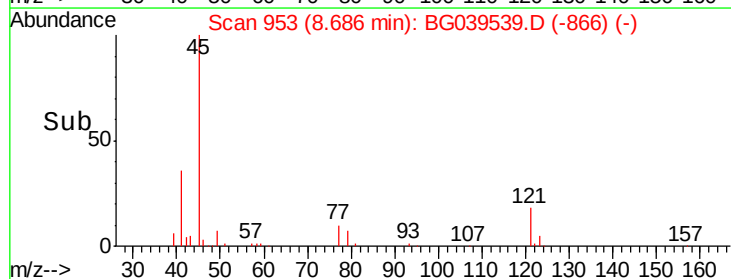
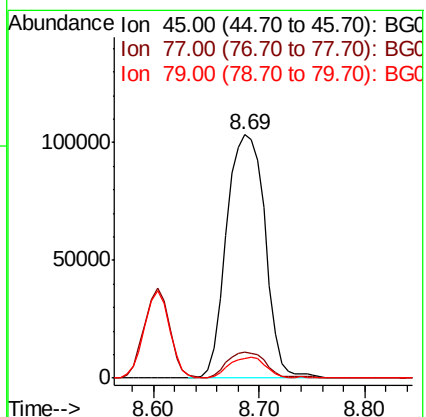
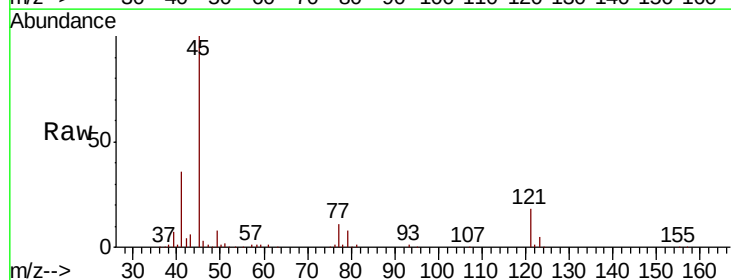
Tgt Ion: 45 Resp: 261197

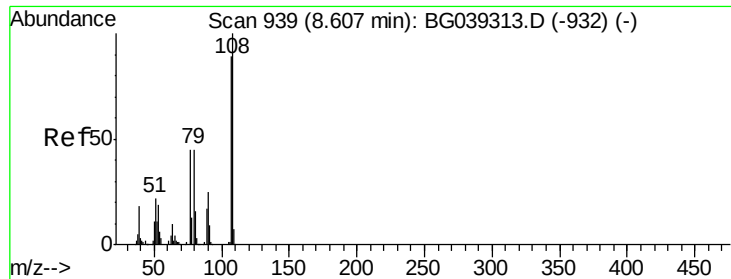
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.0

79 7.9 0.0 27.5





#17

2-Methylphenol

Concen: 48.381 ng

RT: 8.60 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 133177

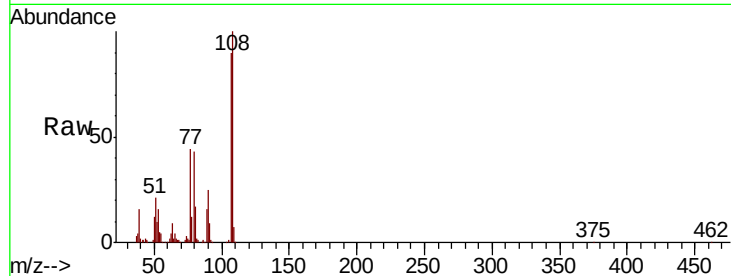
Ion Ratio Lower Upper

107 100

108 111.0 90.8 136.2

77 48.8 40.7 61.1

79 47.2 40.6 60.8

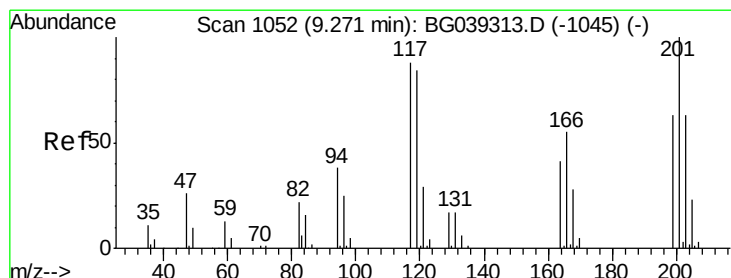
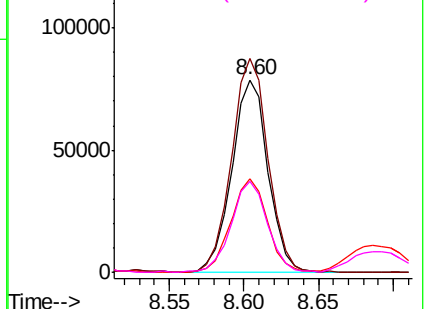
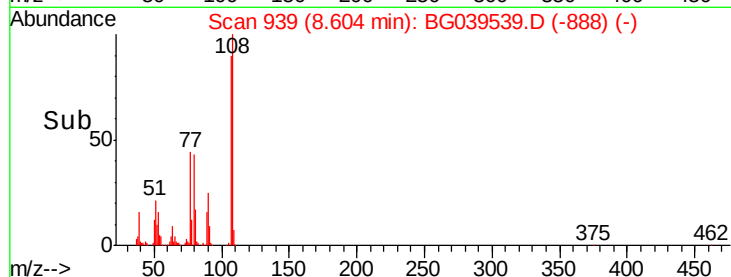


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.934 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

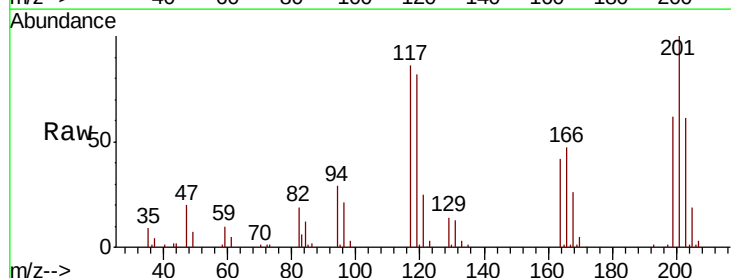
Tgt Ion:117 Resp: 52787

Ion Ratio Lower Upper

117 100

119 95.7 76.3 114.5

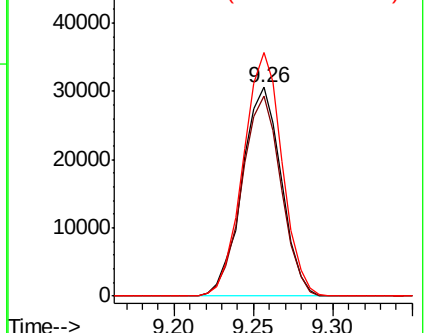
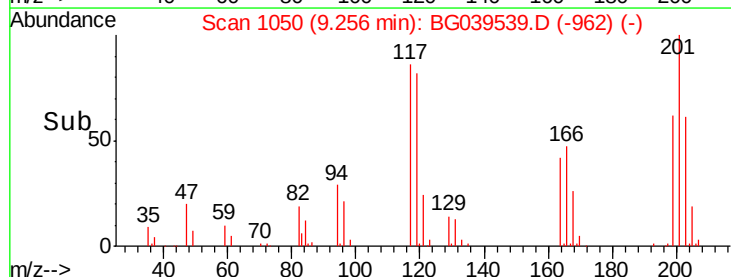
201 116.7 91.1 136.7

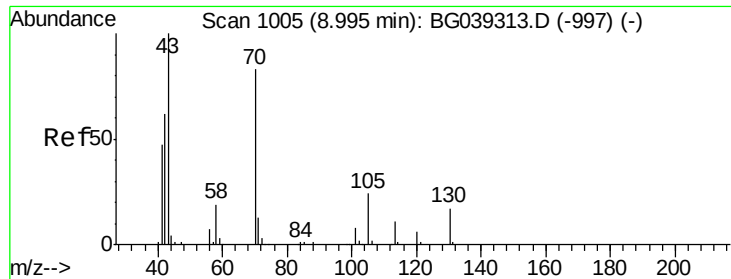


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

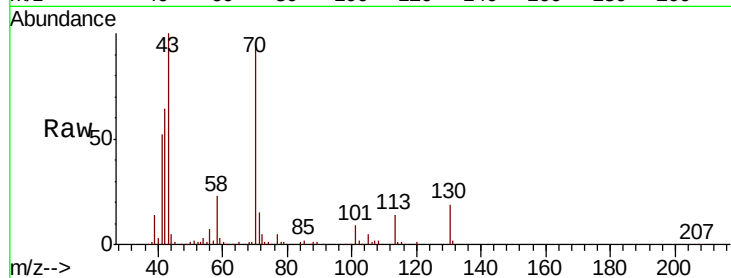




#19
n-Nitroso-di-n-propylamine
Concen: 39.074 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	113166
Ion	Ratio	Lower	Upper
70	100		
42	68.4	60.4	90.6
101	10.1	7.5	11.3
130	19.9	16.9	25.3



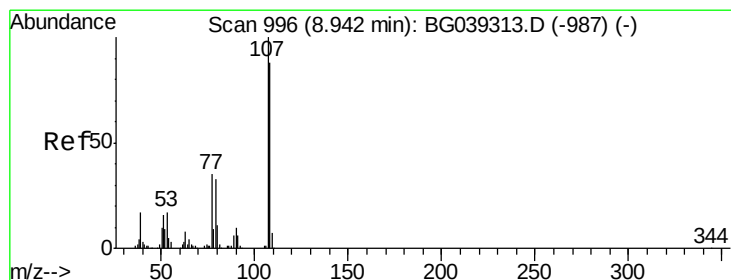
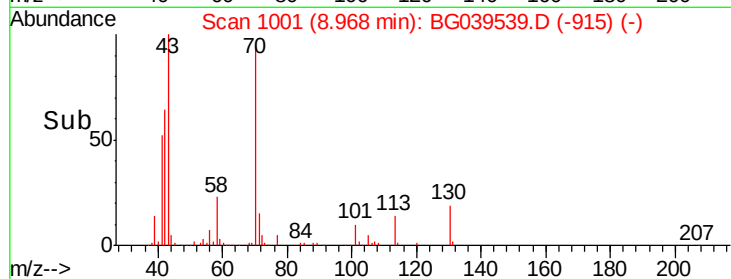
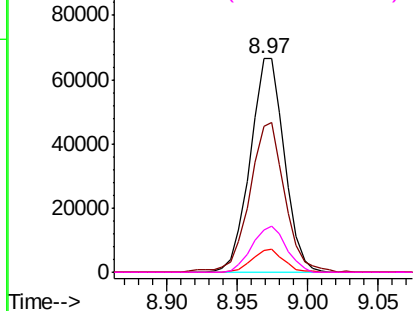
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

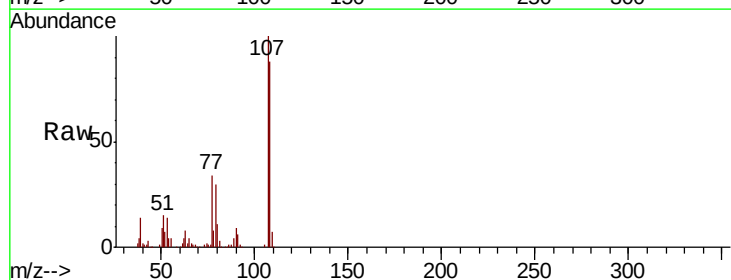
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 49.505 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion:	107	Resp:	187653
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.9	107.9
77	33.7	15.4	55.4
79	30.1	13.7	53.7



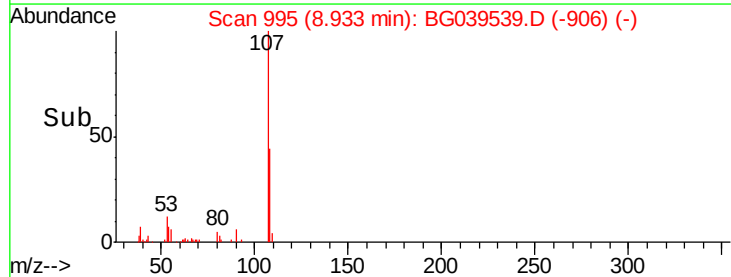
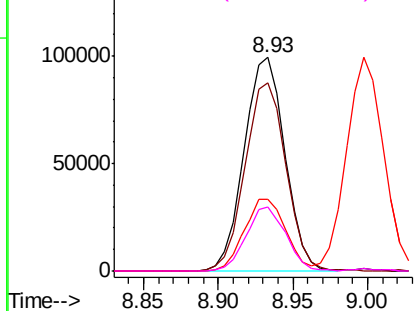
Abundance

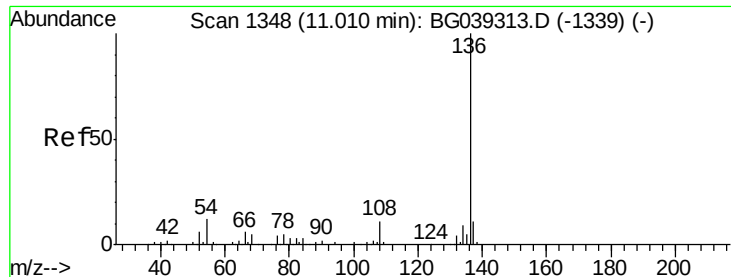
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

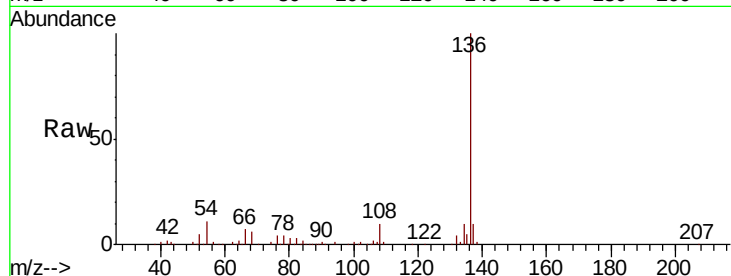




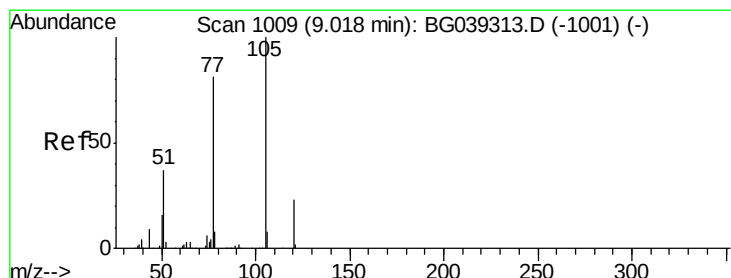
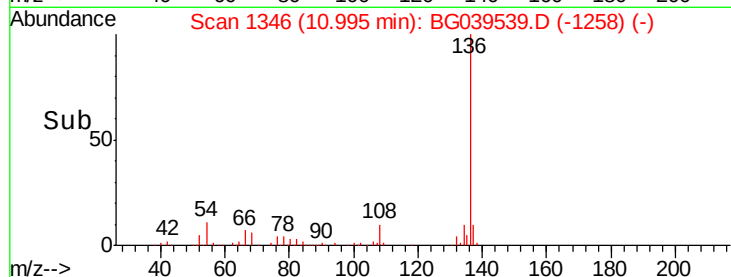
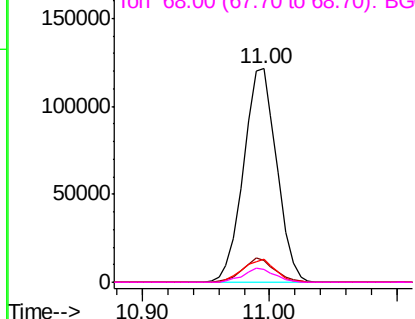
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	220428
Ion Ratio	Lower	Upper
136	100	
137	10.0	9.1 13.7
54	10.8	9.4 14.2
68	6.3	4.2 6.4

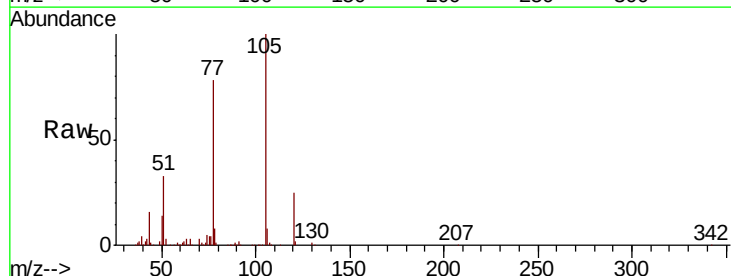


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

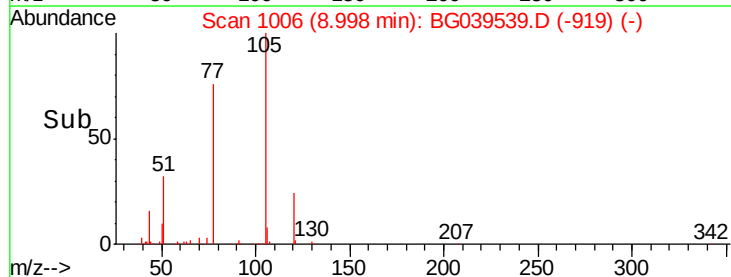
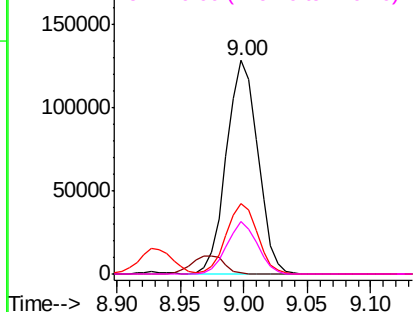


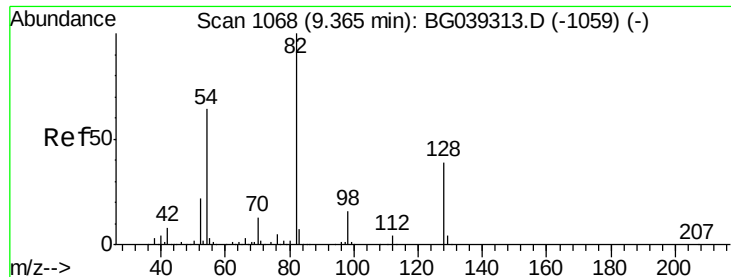
#22
Acetophenone
Concen: 37.045 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion:105	Resp:	219343
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.8 1.2#
51	33.0	30.2 45.2
120	24.5	18.0 27.0



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





#23

Nitrobenzene-d5

Concen: 91.568 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

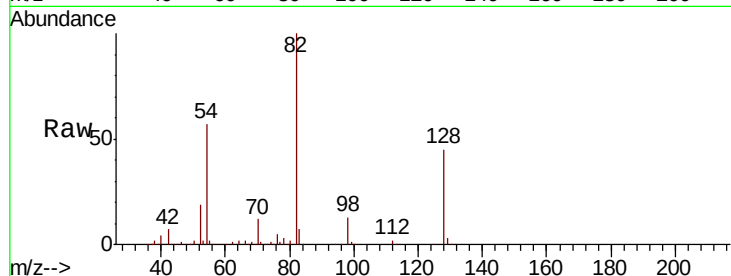
Tot Ion: 82 Resp: 323093

Ion Ratio Lower Upper

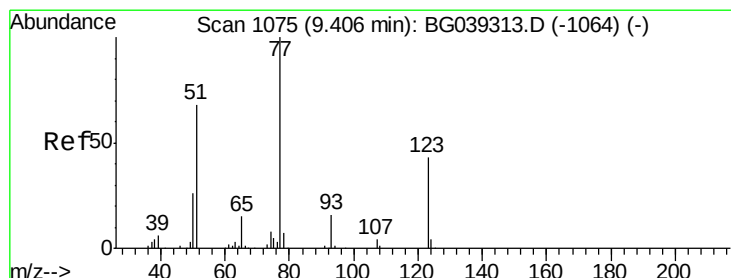
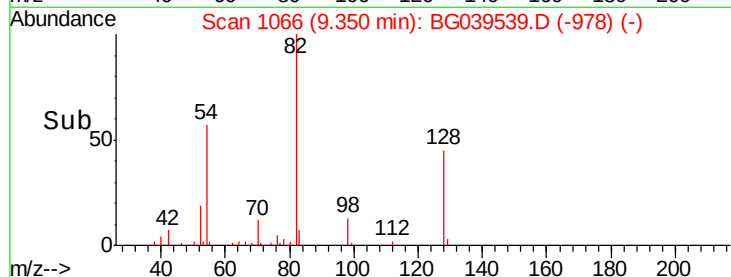
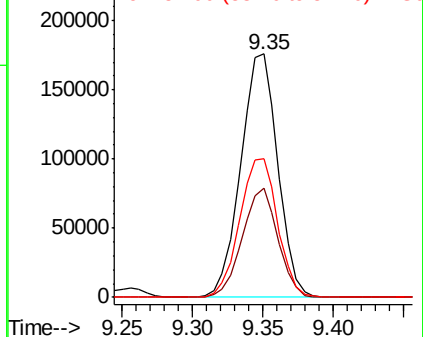
82 100

128 44.9 31.3 46.9

54 57.1 50.9 76.3



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



#24

Nitrobenzene

Concen: 44.867 ng

RT: 9.39 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

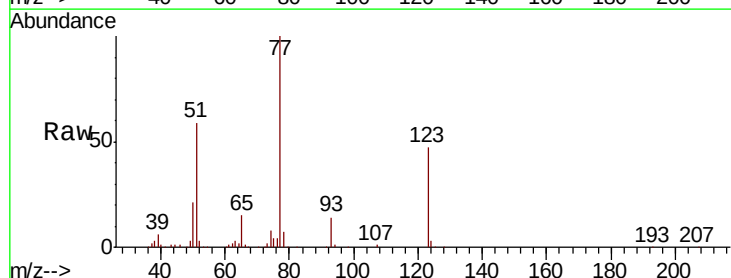
Tgt Ion: 77 Resp: 171027

Ion Ratio Lower Upper

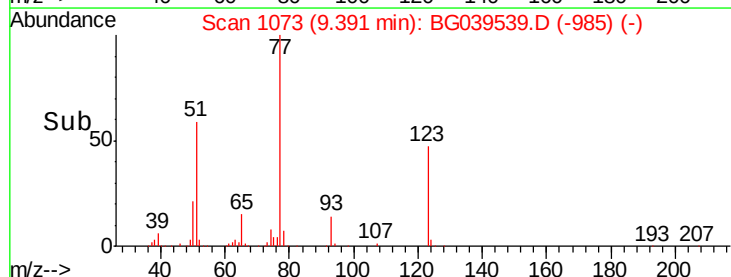
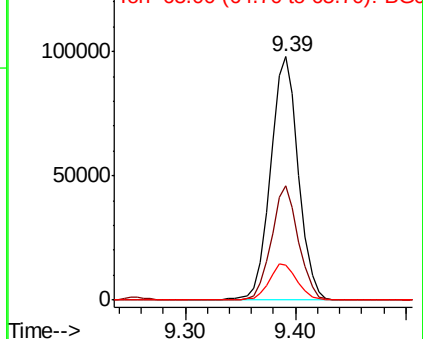
77 100

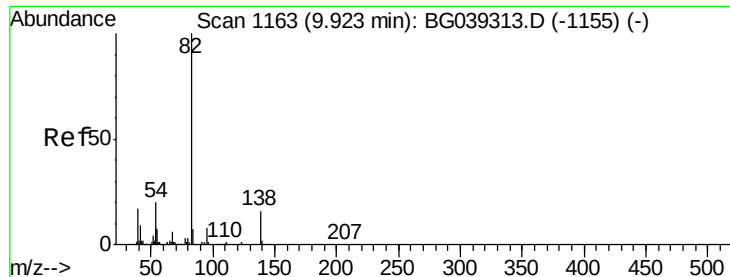
123 46.9 34.1 51.1

65 14.6 12.3 18.5



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





#25

Isophorone

Concen: 41.304 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampled :

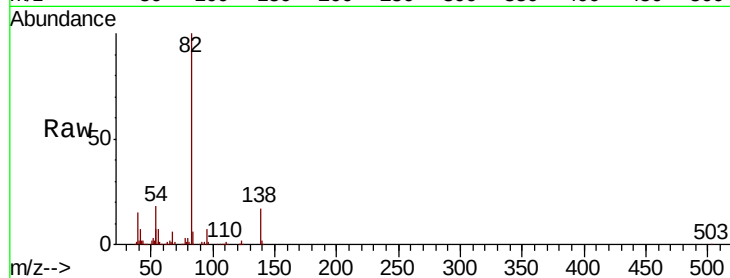
Tot Ion: 82 Resp: 322956

Ion Ratio Lower Upper

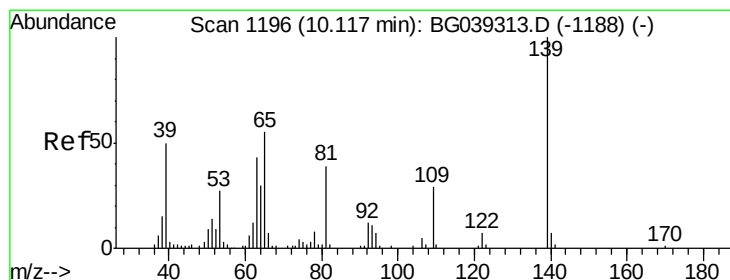
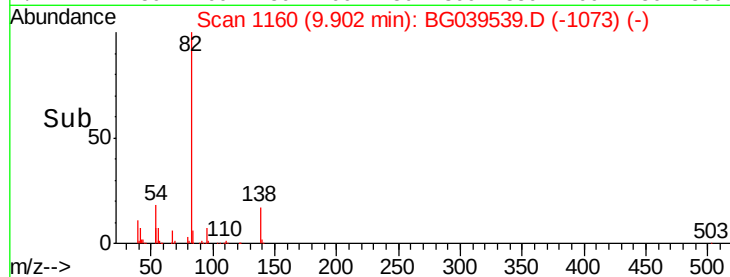
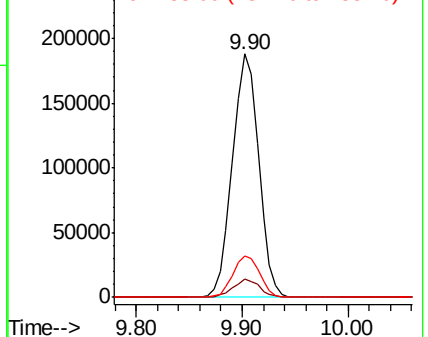
82 100

95 7.4 6.2 9.2

138 17.1 13.0 19.4



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



#26

2-Nitrophenol

Concen: 53.417 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

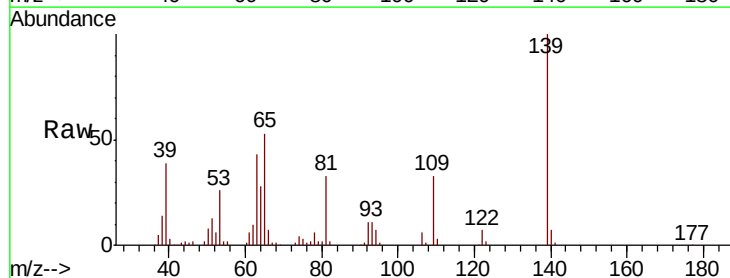
Tgt Ion: 139 Resp: 82682

Ion Ratio Lower Upper

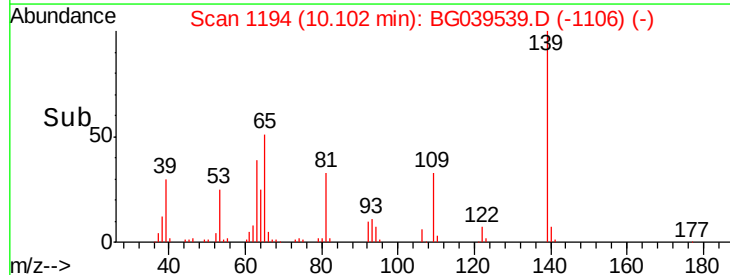
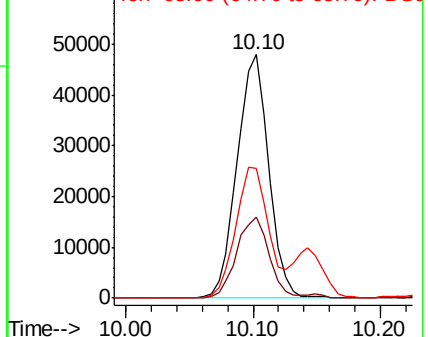
139 100

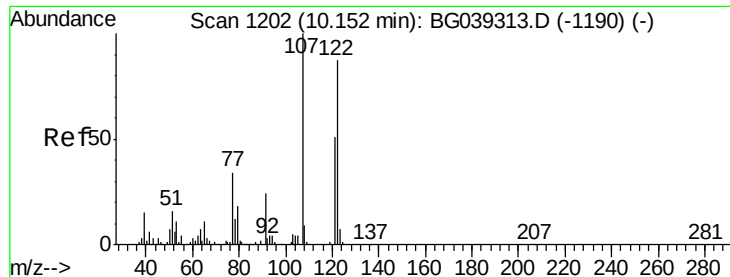
109 33.4 23.4 35.0

65 53.4 44.3 66.5



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

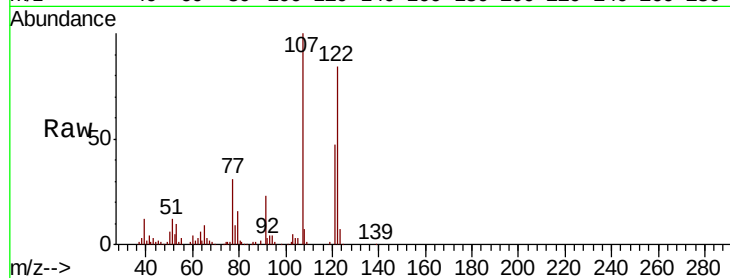




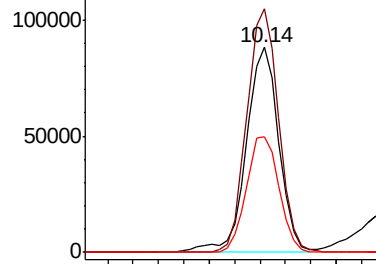
#27
 2,4-Dimethylphenol
 Concen: 49.585 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampled :

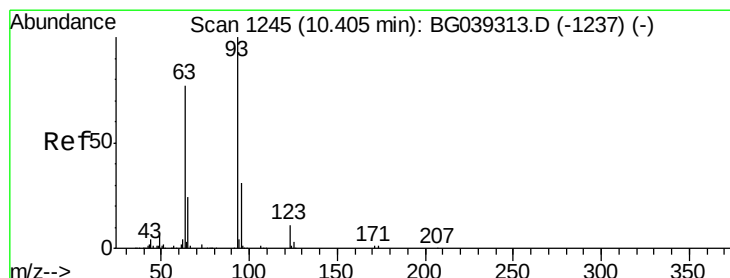
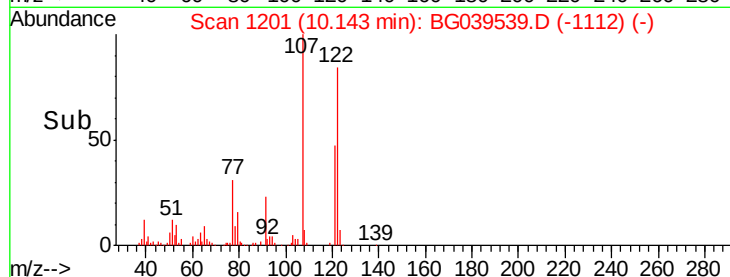
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	91.7	137.5
121	56.5	46.4	69.6



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

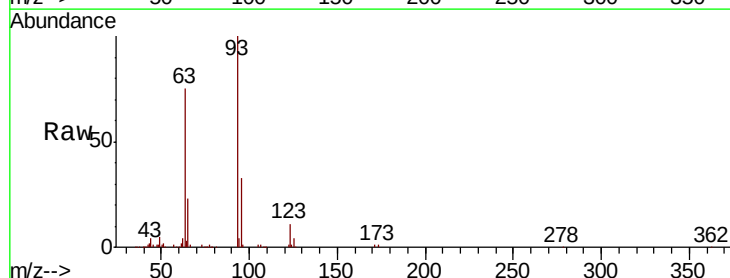


Time-->

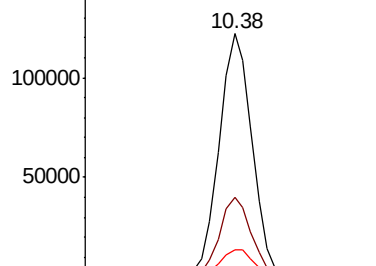


#28
 bis(2-Chloroethoxy)methane
 Concen: 41.625 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

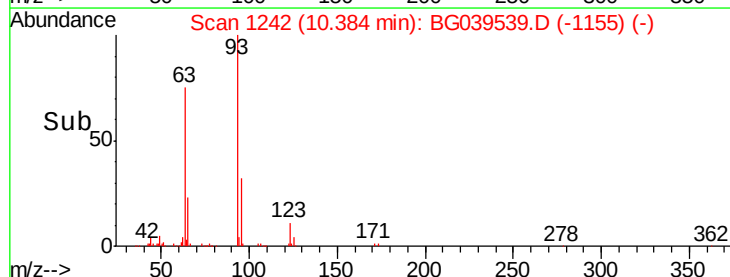
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.4
123	11.4	8.6	12.8

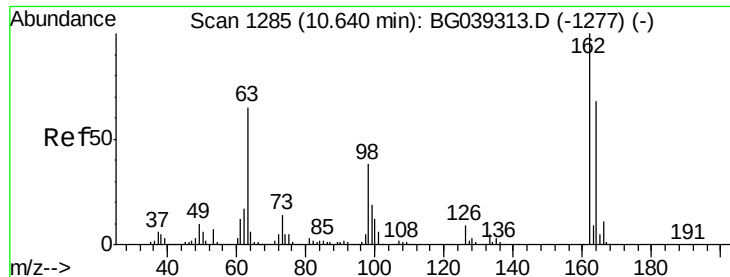


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E



Time-->

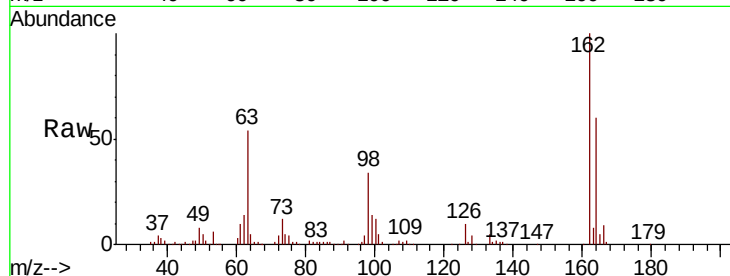




#29
2,4-Dichlorophenol
Concen: 50.143 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.2	48.1	88.1
98	33.8	18.1	58.1

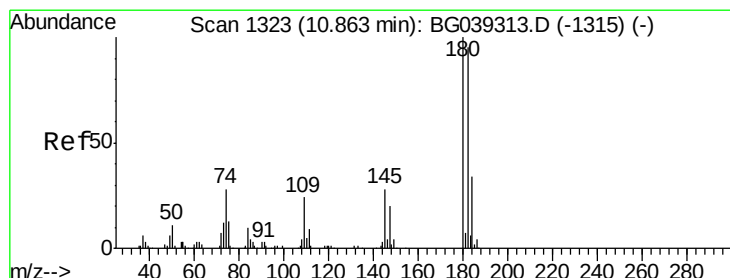
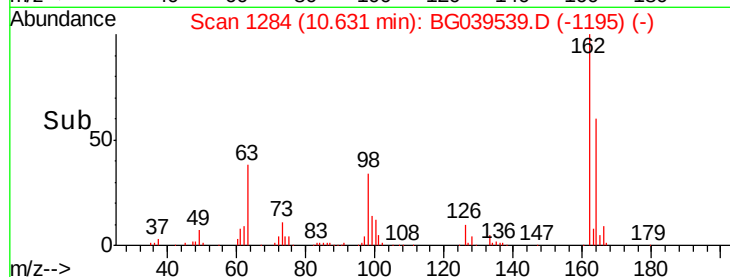
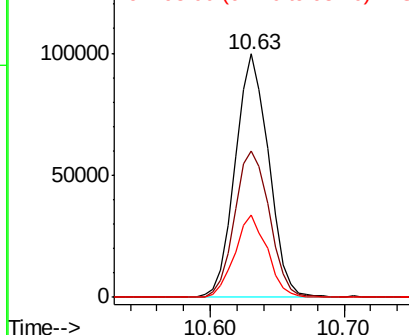


Abundance

Ion 162.00 (161.70 to 162.70): E

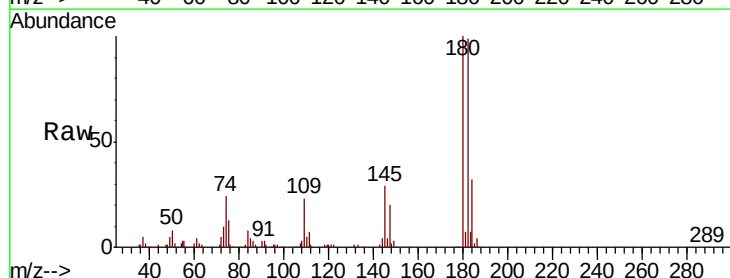
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.881 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.0	114.0
145	28.9	22.7	34.1

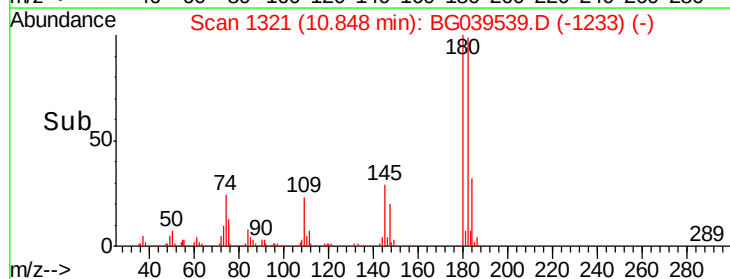
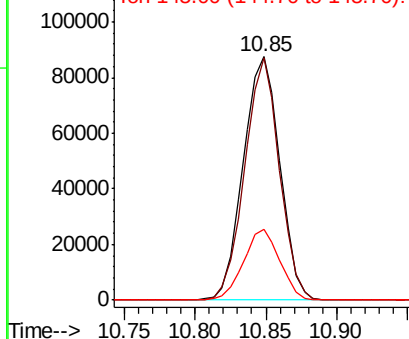


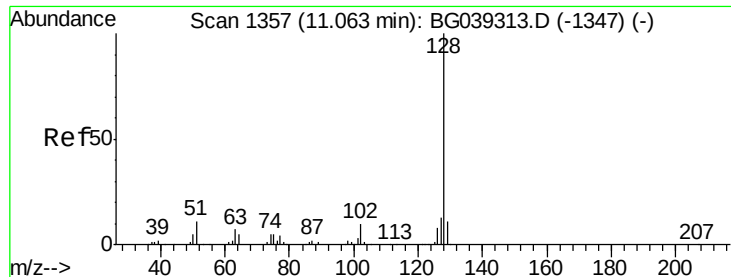
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

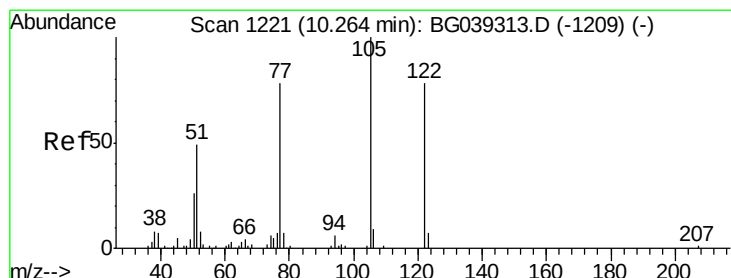
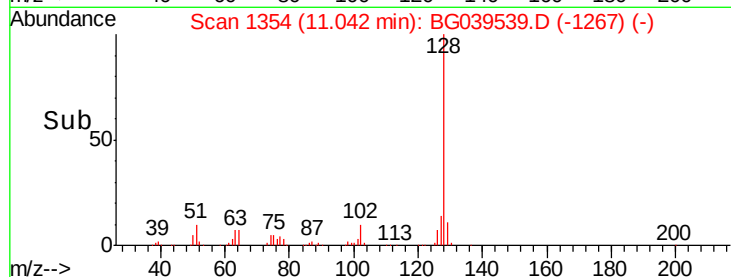
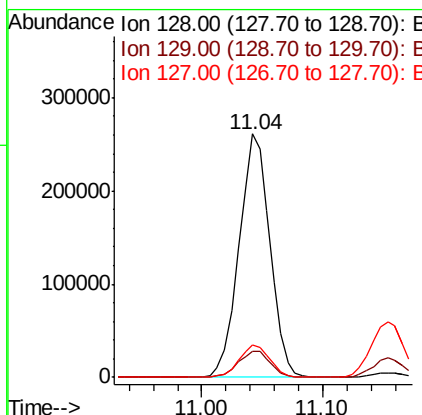
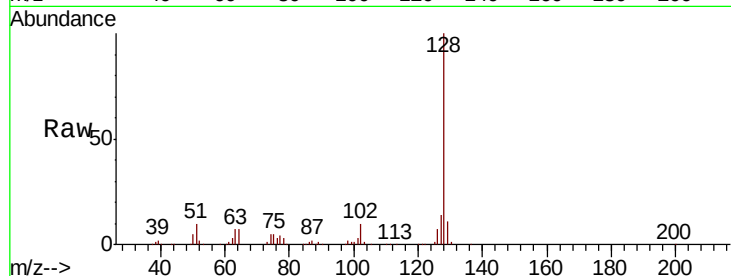




#31
Naphthalene
Concen: 42.467 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

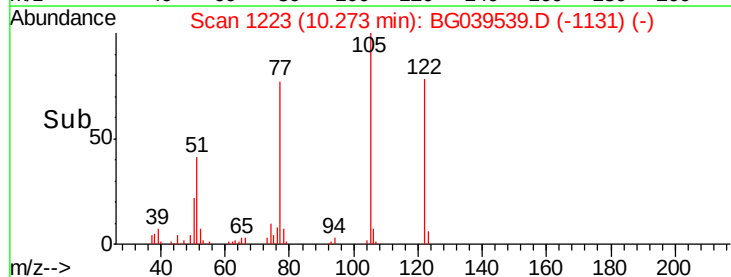
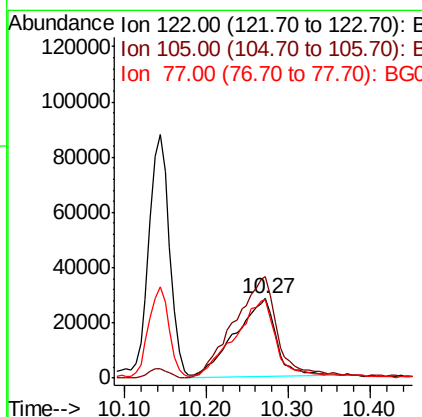
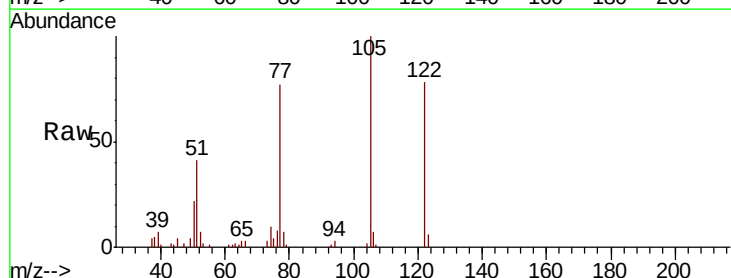
Instrument :
BNA_G
ClientSampleId :

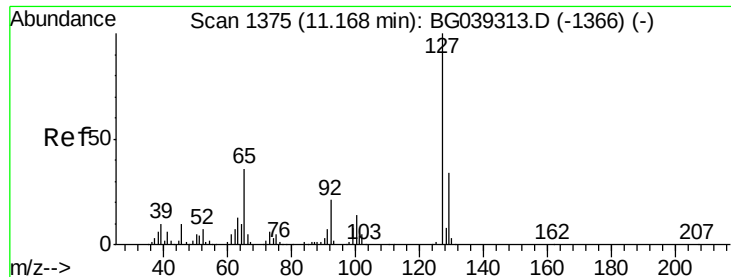
Tot Ion:128 Resp: 464387
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 47.614 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion:122 Resp: 98432
Ion Ratio Lower Upper
122 100
105 128.0 101.8 141.8
77 99.1 76.3 116.3

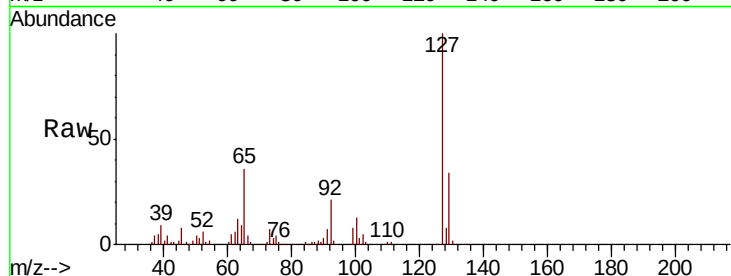




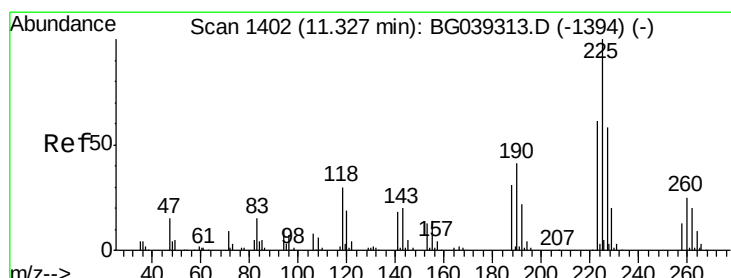
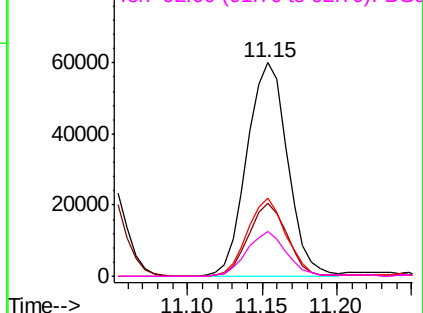
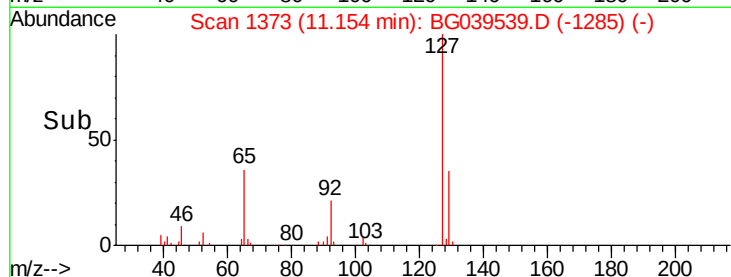
#33
4-Chloroaniline
Concen: 22.319 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	113167
Ion	Ratio	Lower	Upper
127	100		
129	34.3	27.0	40.4
65	36.4	28.8	43.2
92	20.9	16.6	25.0

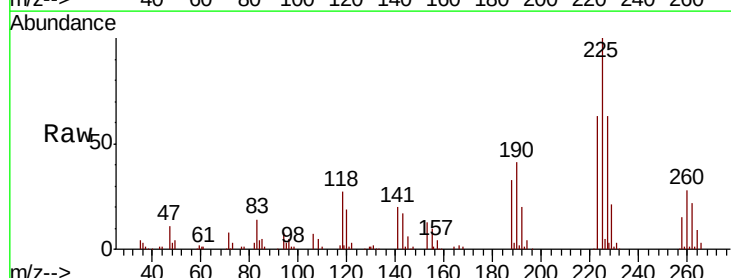


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

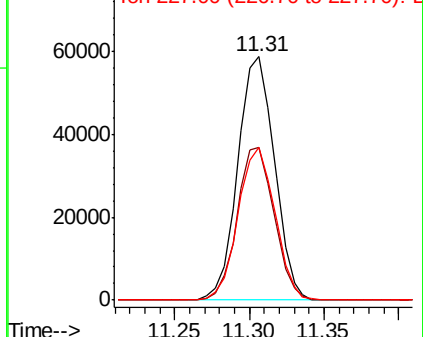
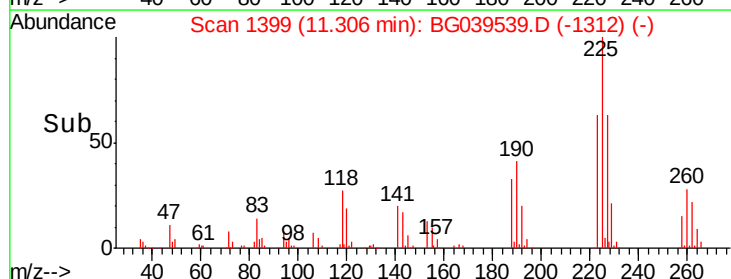


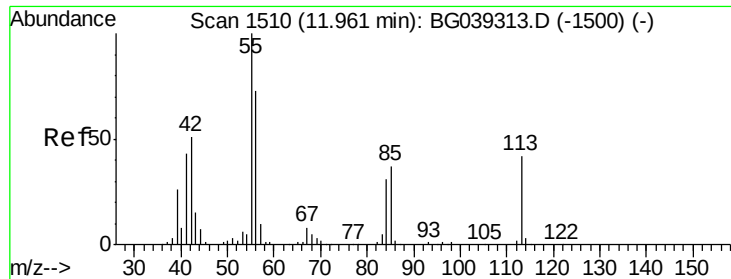
#34
Hexachlorobutadiene
Concen: 38.708 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion:	225	Resp:	99908
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.0	73.6
227	62.6	46.3	69.5



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





#35

Caprolactam

Concen: 33.539 ng

RT: 11.93 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampled :

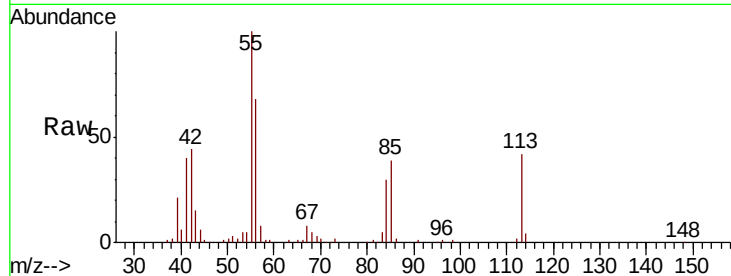
Tot Ion:113 Resp: 47978

Ion Ratio Lower Upper

113 100

55 238.8 216.9 256.9

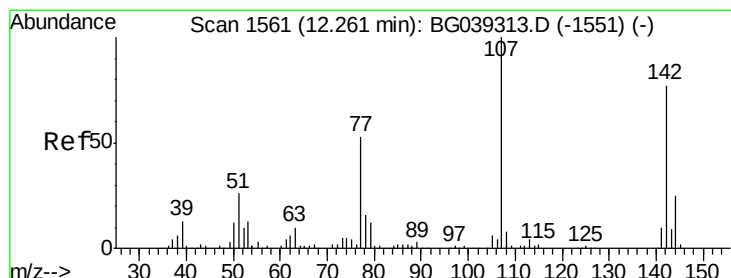
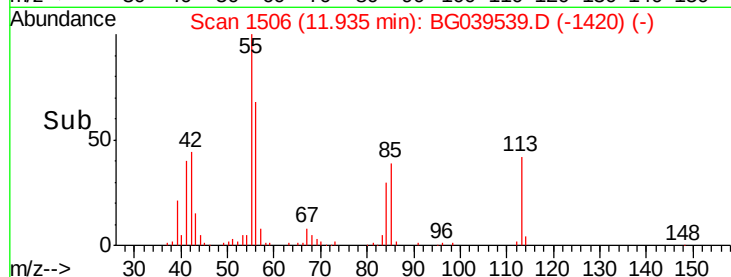
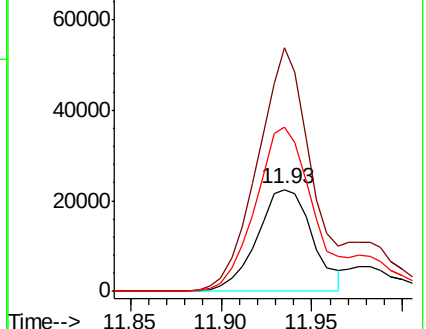
56 161.5 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.068 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

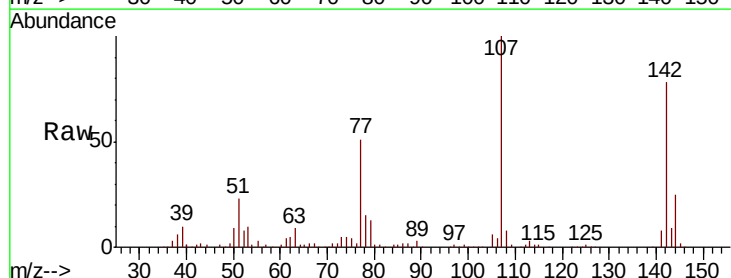
Tgt Ion:107 Resp: 188175

Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

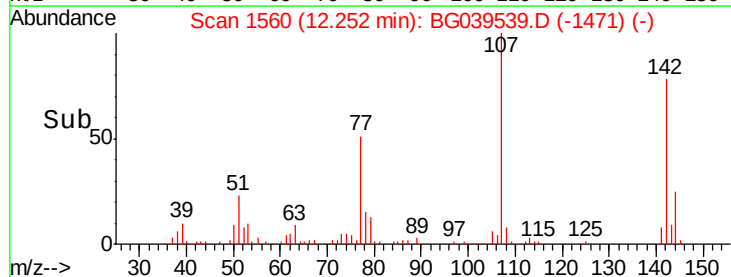
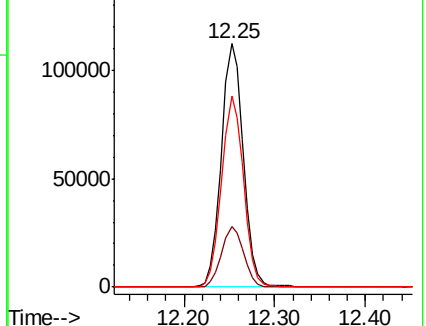
142 78.3 61.4 92.2

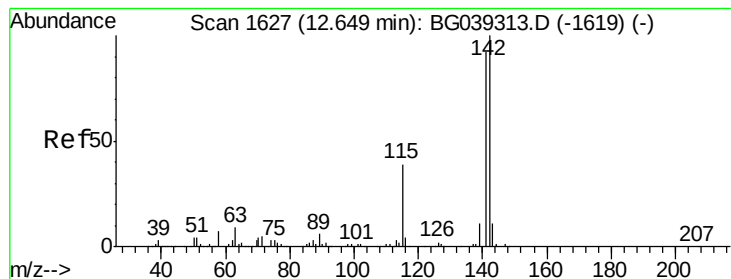


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.699 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampled :

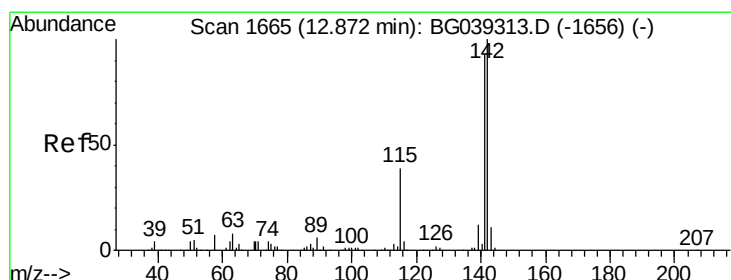
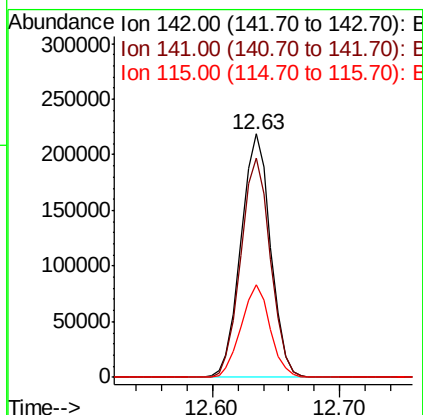
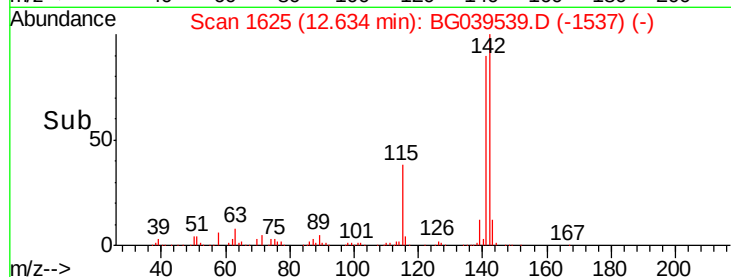
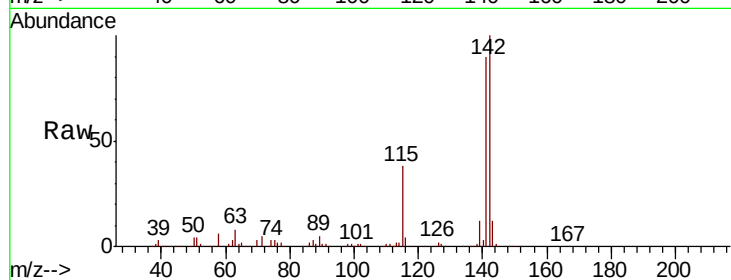
Tot Ion:142 Resp: 353929

Ion Ratio Lower Upper

142 100

141 90.3 73.5 110.3

115 38.0 30.8 46.2



#38

1-Methylnaphthalene

Concen: 43.435 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

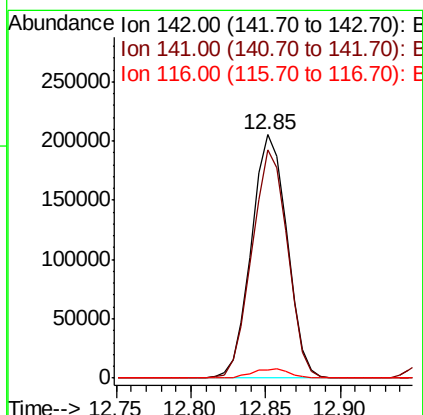
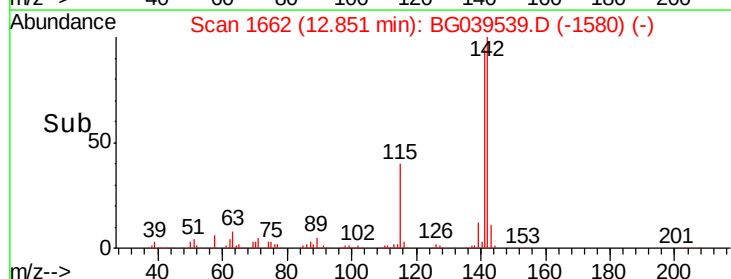
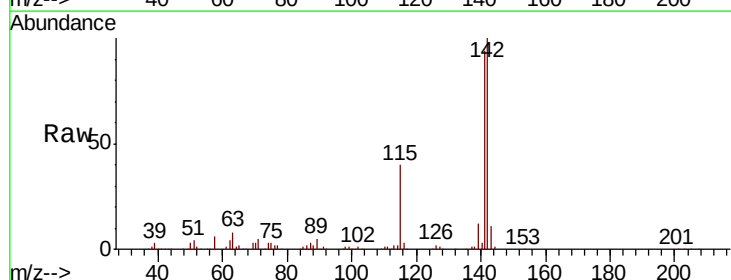
Tgt Ion:142 Resp: 339114

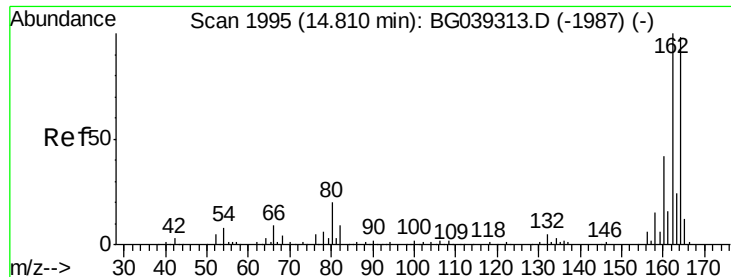
Ion Ratio Lower Upper

142 100

141 93.8 74.2 111.4

116 3.4 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

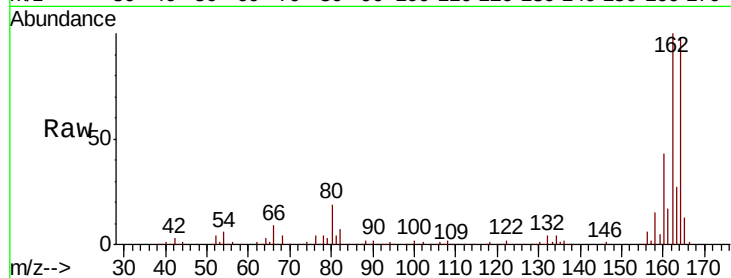
Tot Ion:164 Resp: 156541

Ion Ratio Lower Upper

164 100

162 102.4 81.6 122.4

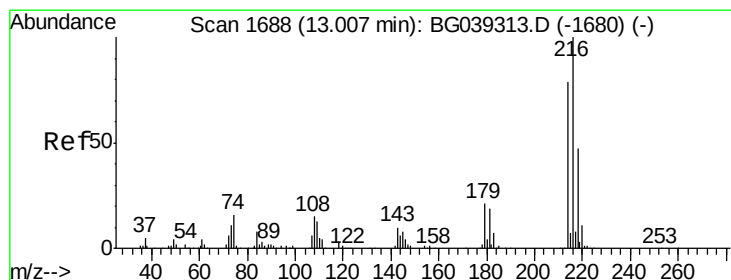
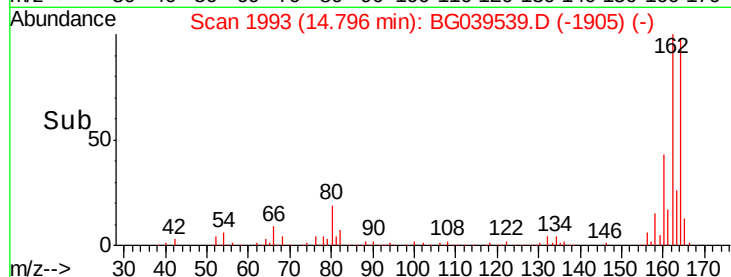
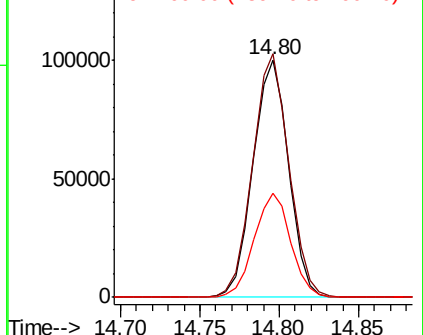
160 43.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.589 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:216 Resp: 197179

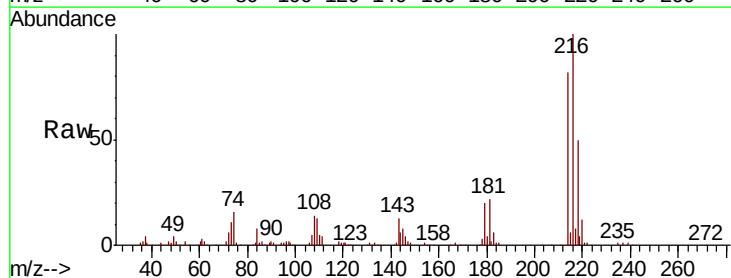
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 20.7 16.6 25.0

108 17.7 14.0 21.0

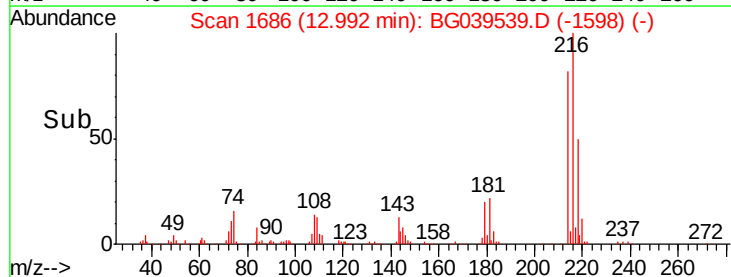
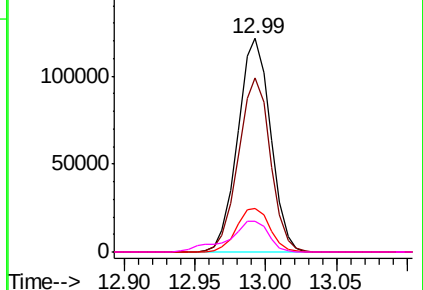


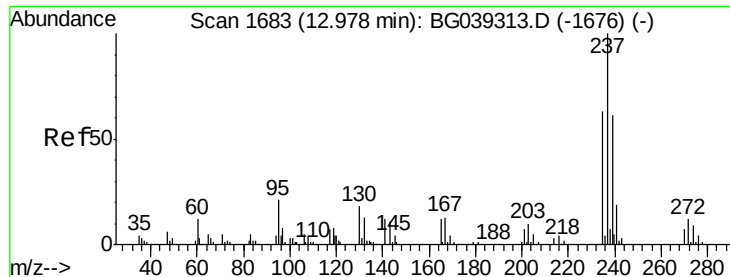
Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.005 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

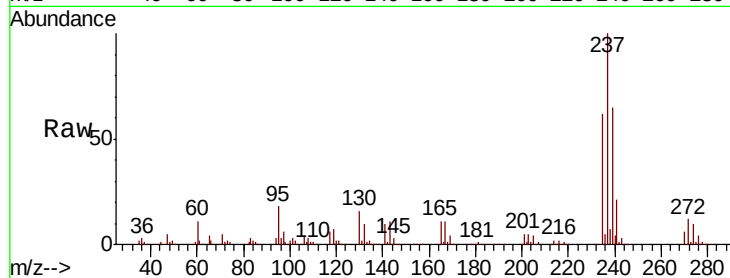
Tot Ion:237 Resp: 230708

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

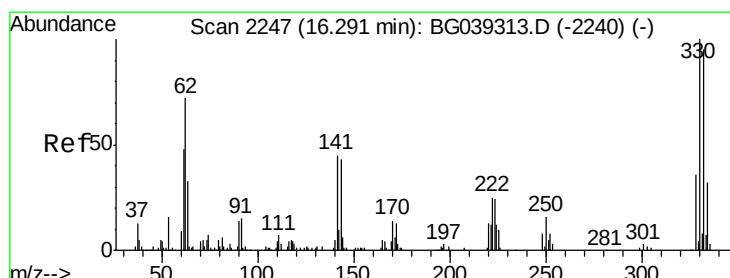
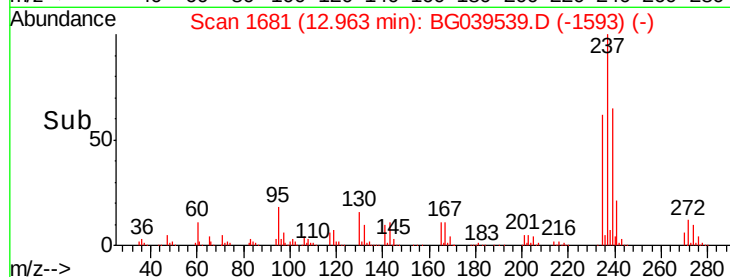
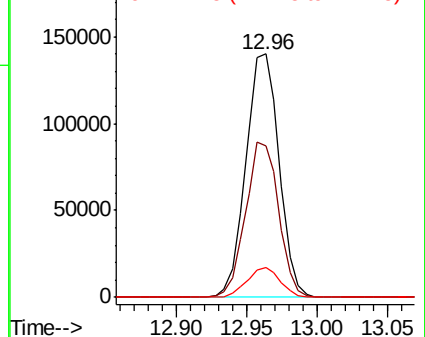
272 12.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 166.747 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

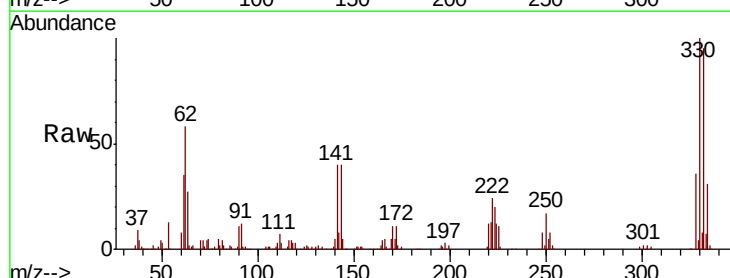
Tgt Ion:330 Resp: 281081

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

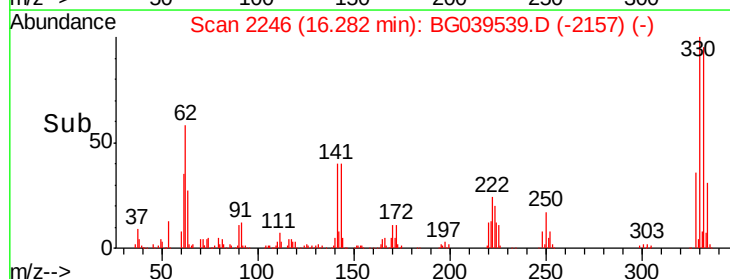
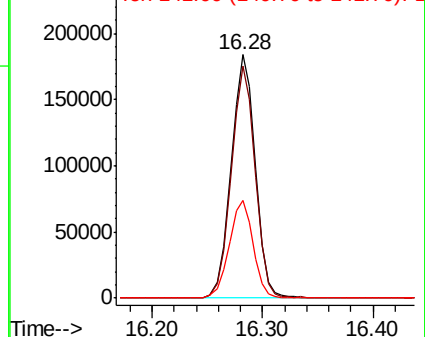
141 40.2 35.6 53.4

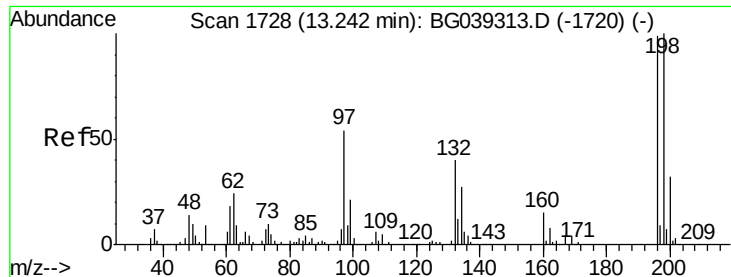


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

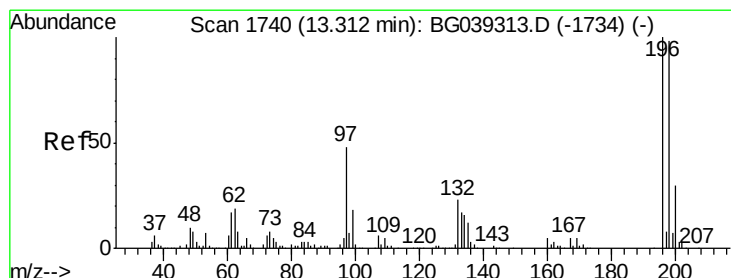
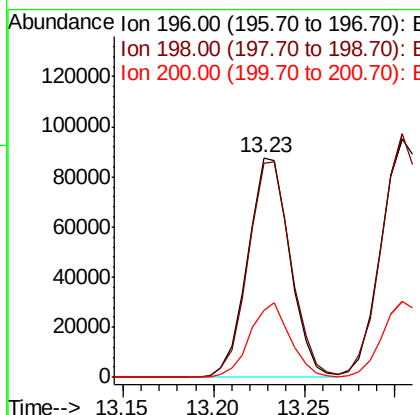
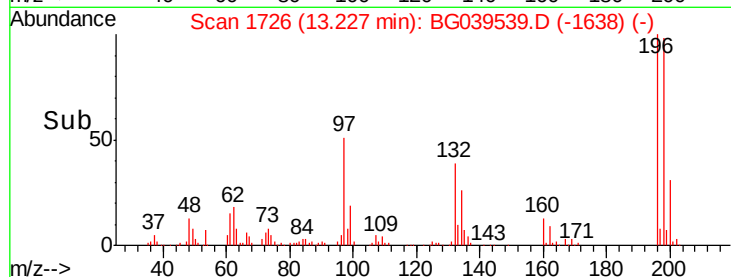
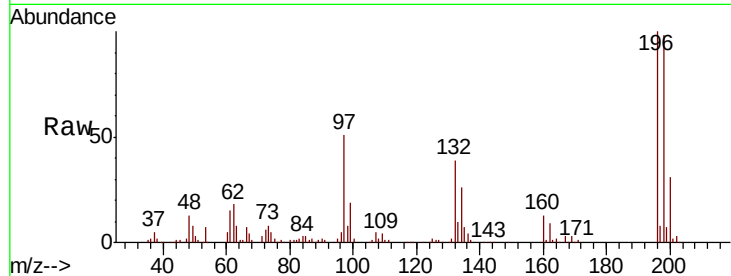




#43
 2,4,6-Trichlorophenol
 Concen: 46.615 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

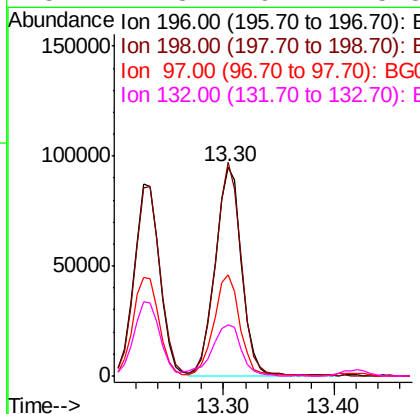
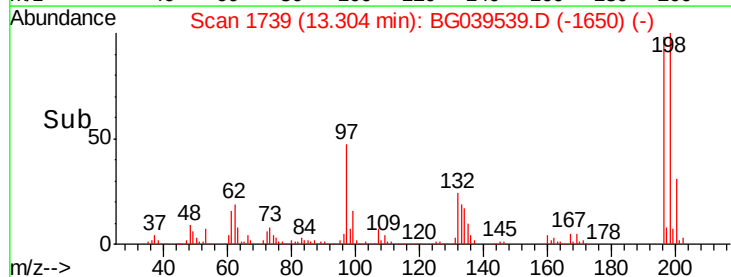
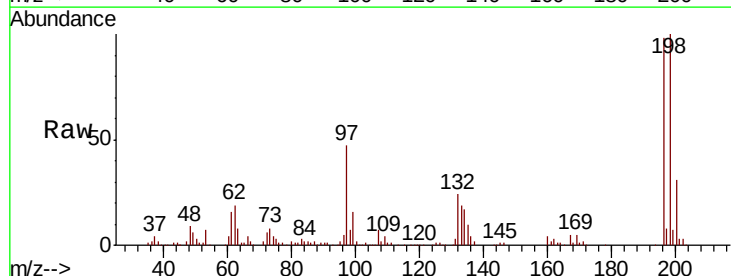
Instrument :
 BNA_G
 ClientSampleId :

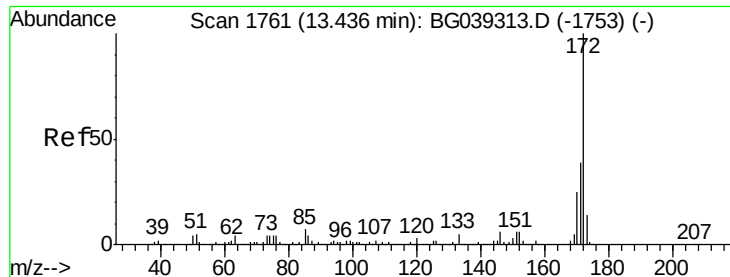
Tot Ion:196 Resp: 142753
 Ion Ratio Lower Upper
 196 100
 198 97.8 80.6 121.0
 200 30.6 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 48.934 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion:196 Resp: 157059
 Ion Ratio Lower Upper
 196 100
 198 102.1 78.5 117.7
 97 48.4 38.4 57.6
 132 24.8 19.2 28.8

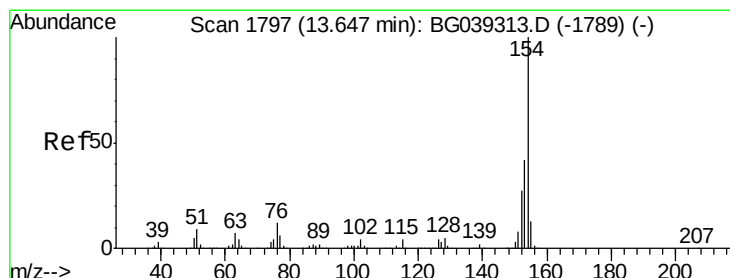
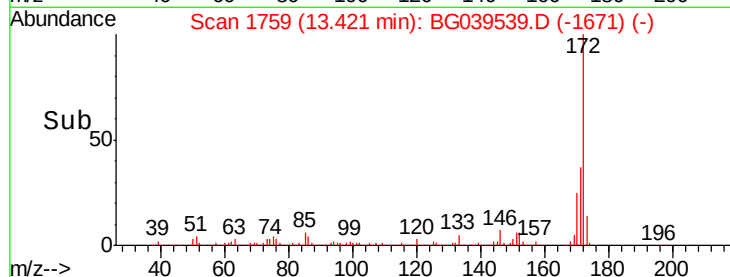
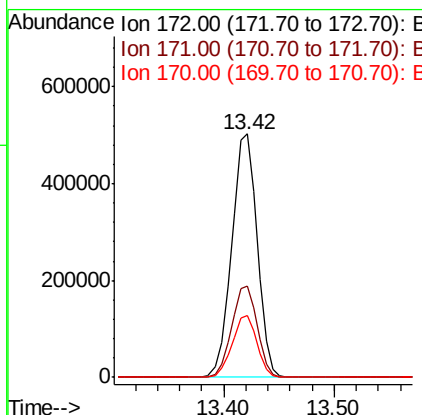
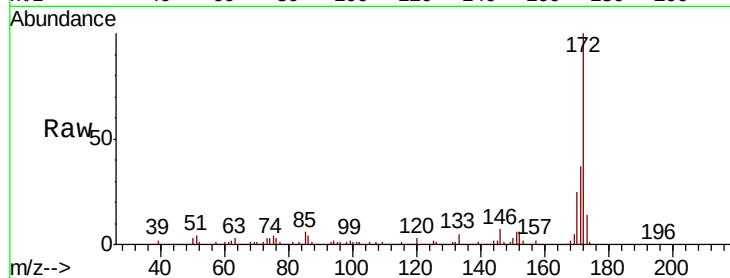




#45
2-Fluorobiphenyl
Concen: 74.335 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

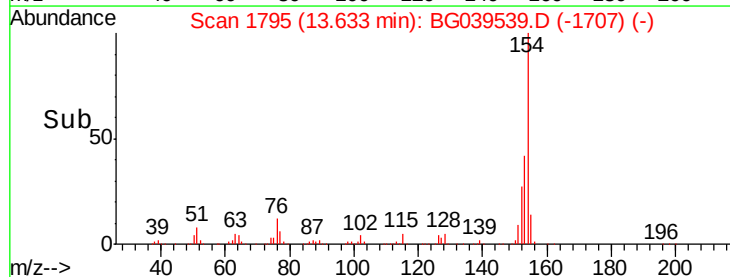
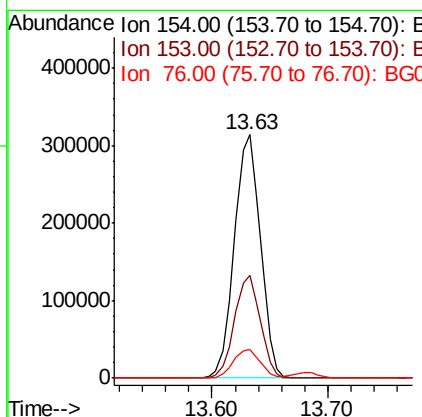
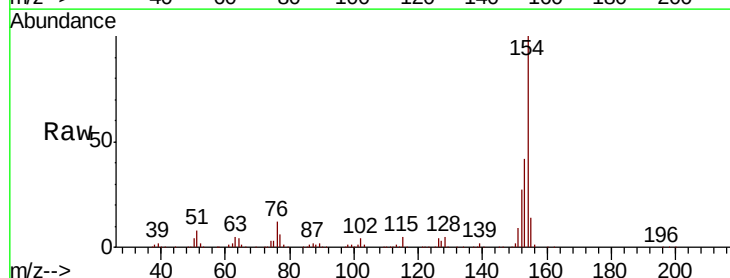
Instrument :
BNA_G
ClientSampleId :

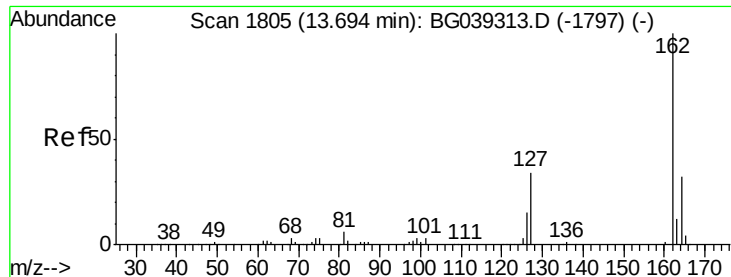
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.4	20.2	30.4



#46
1,1'-Biphenyl
Concen: 37.701 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	11.8	0.0	32.4

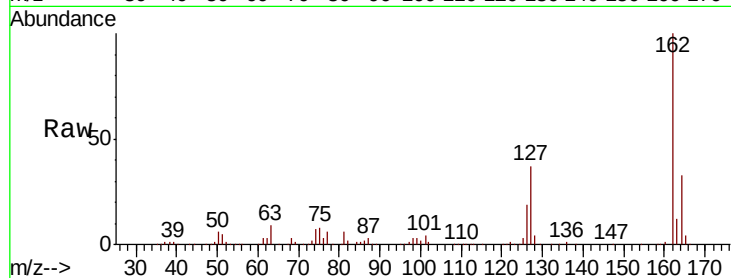




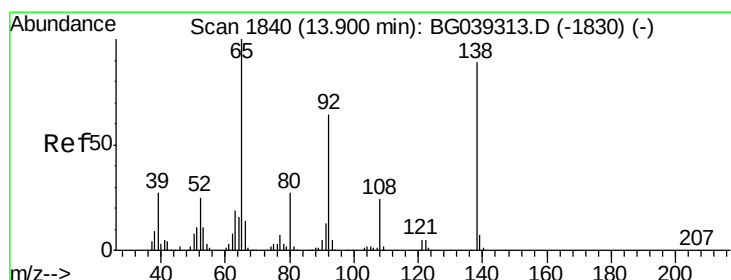
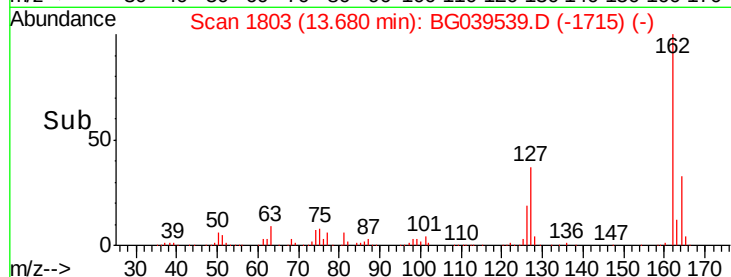
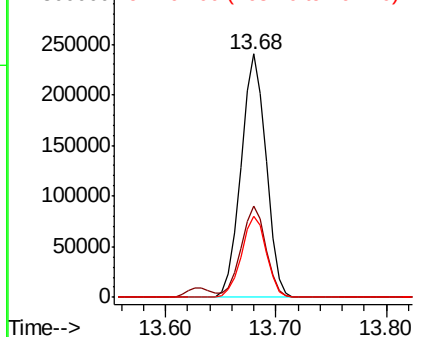
#47
 2-Chloronaphthalene
 Concen: 39.120 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 383300
 Ion Ratio Lower Upper
 162 100
 127 37.3 31.0 46.6
 164 33.5 25.7 38.5

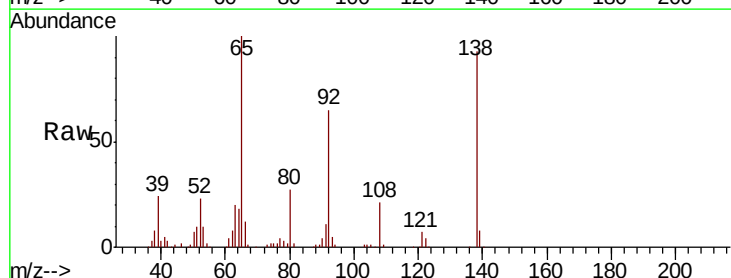


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

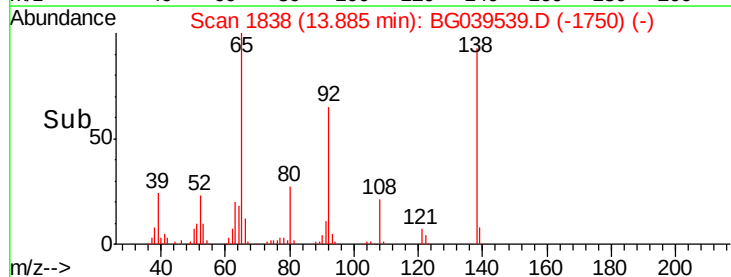
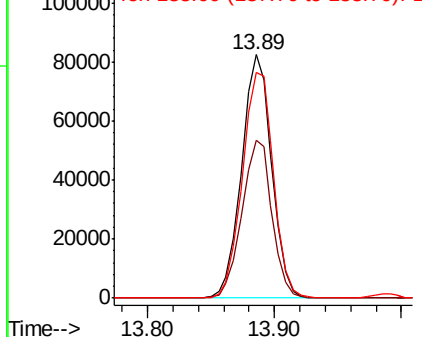


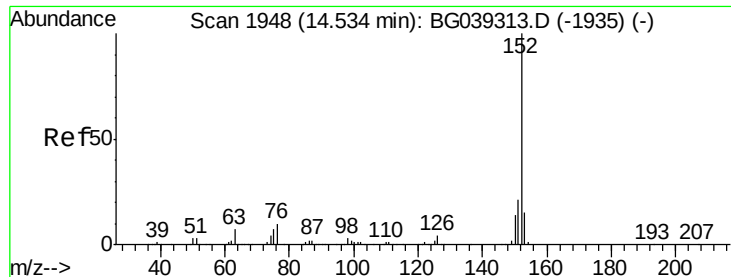
#48
 2-Nitroaniline
 Concen: 47.959 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion: 65 Resp: 134964
 Ion Ratio Lower Upper
 65 100
 92 64.7 51.4 77.2
 138 92.9 71.4 107.2



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





#49

Acenaphthylene

Concen: 41.839 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

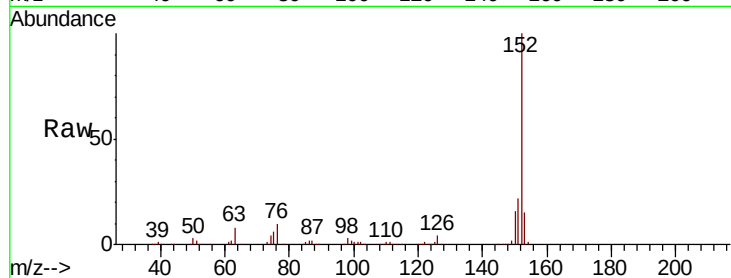
Tot Ion:152 Resp: 618575

Ion Ratio Lower Upper

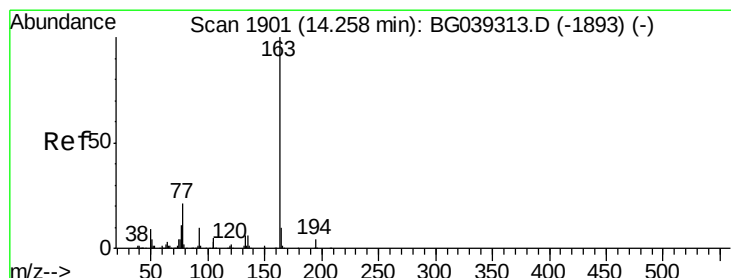
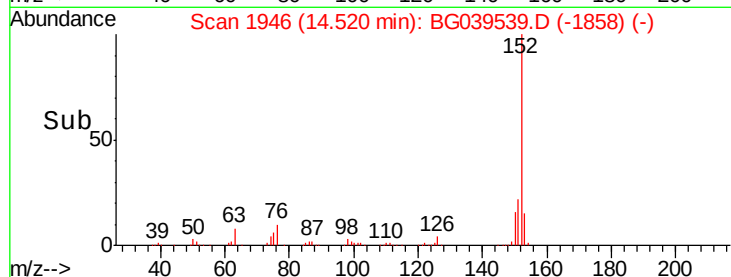
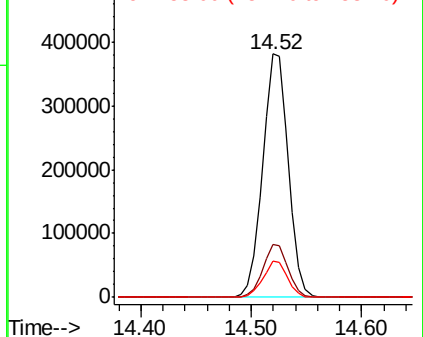
152 100

151 21.7 16.8 25.2

153 15.0 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.845 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

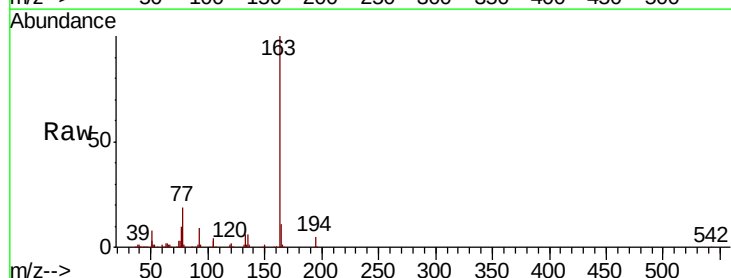
Tgt Ion:163 Resp: 516395

Ion Ratio Lower Upper

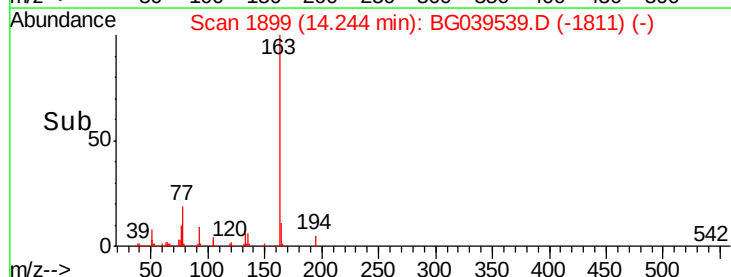
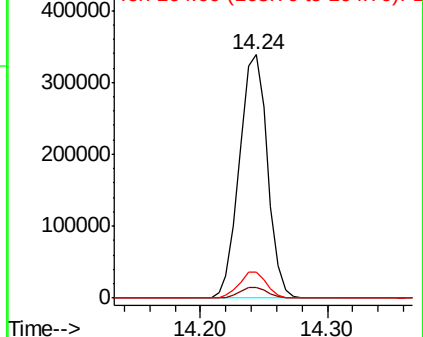
163 100

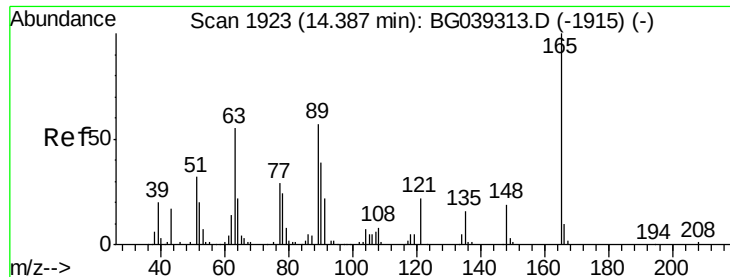
194 4.6 3.6 5.4

164 10.8 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: 48.587 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

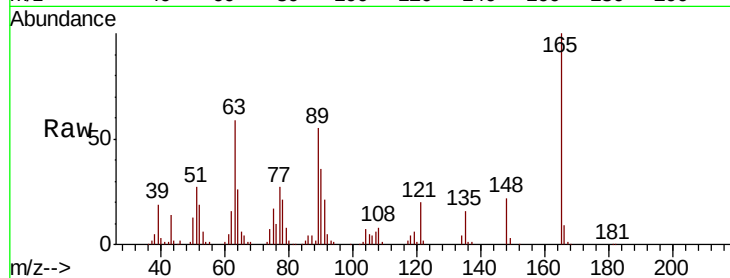
ClientSampled :

Tot Ion:165 Resp: 115026

Ion	Ratio	Lower	Upper
165	100		
63	58.8	47.0	70.6
89	54.6	45.8	68.8

63 58.8 47.0 70.6

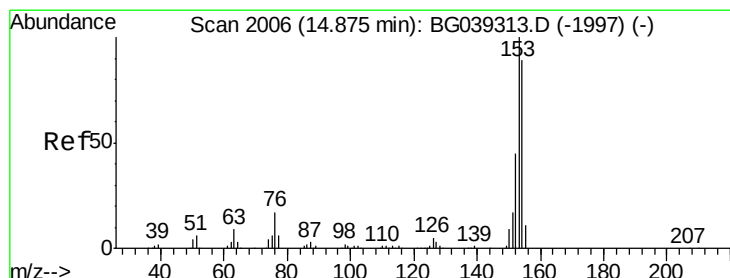
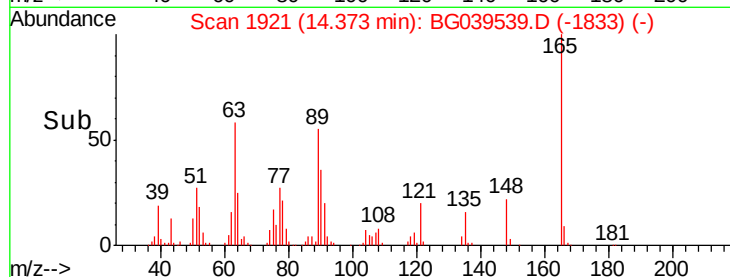
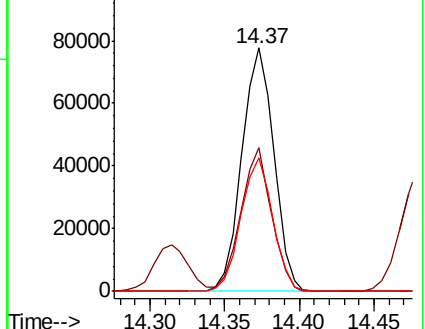
89 54.6 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.260 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039539.D

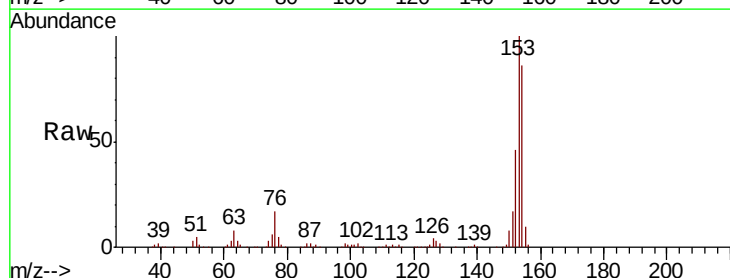
Acq: 18 Feb 2019 14:50

Tgt Ion:154 Resp: 376772

Ion	Ratio	Lower	Upper
154	100		
153	116.1	90.1	135.1
152	53.1	40.9	61.3

153 116.1 90.1 135.1

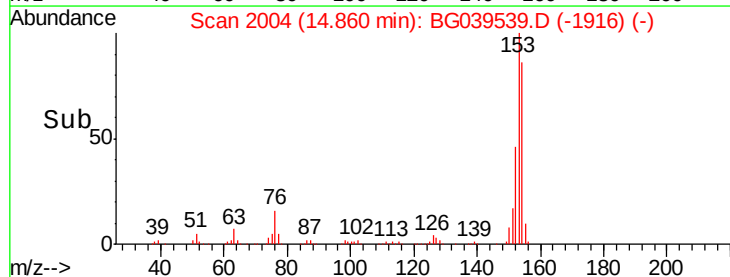
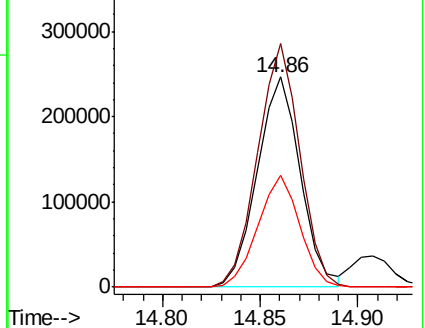
152 53.1 40.9 61.3

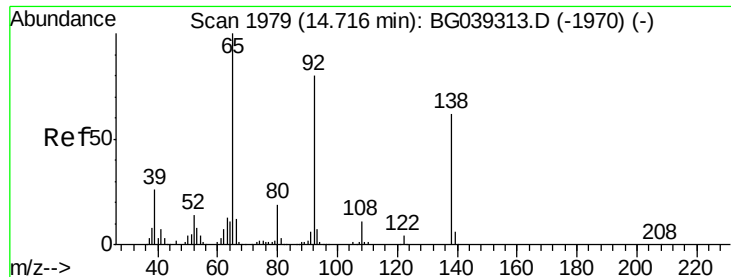


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

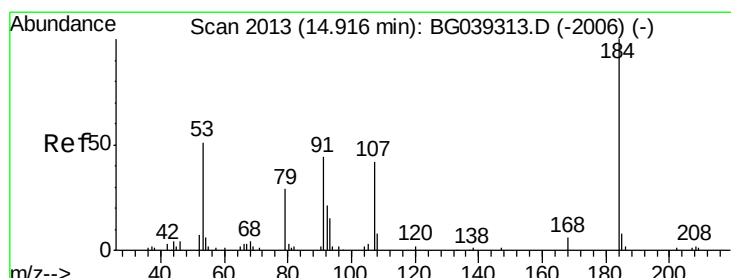
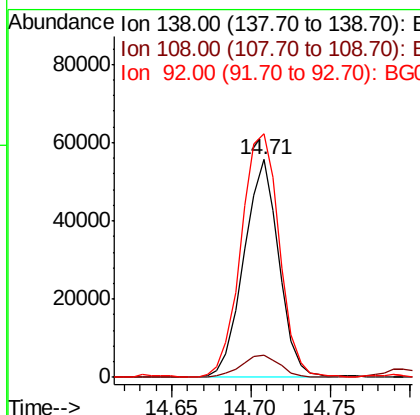
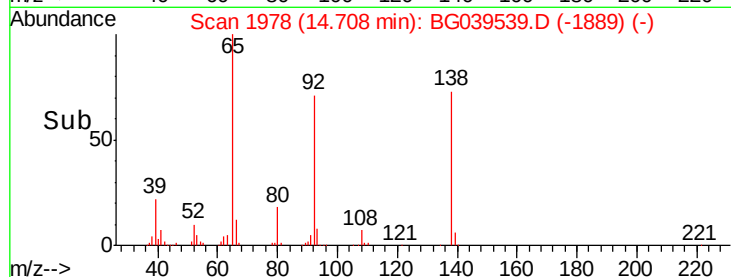
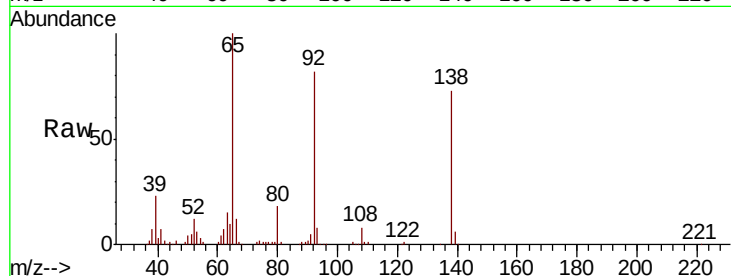




#53
3-Nitroaniline
Concen: 35.146 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

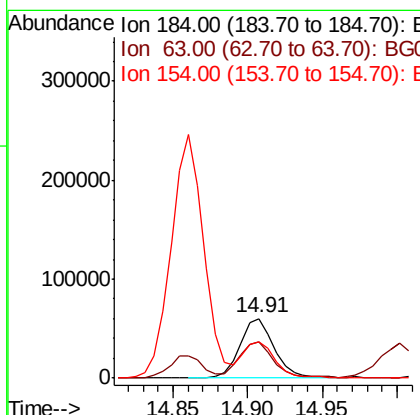
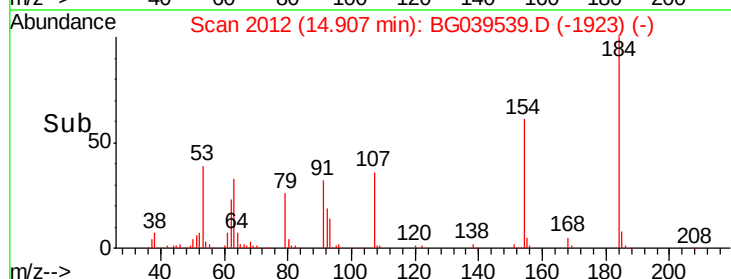
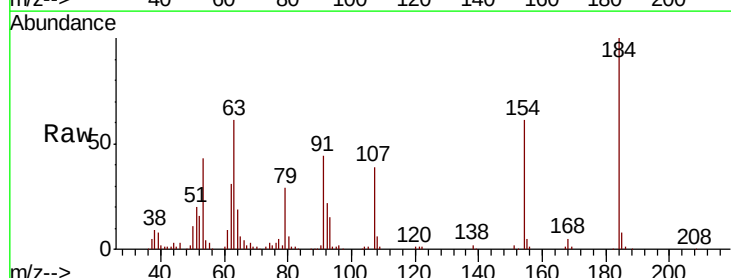
Instrument :
BNA_G
ClientSampleId :

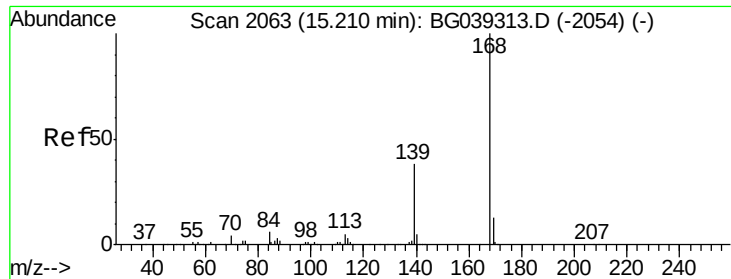
Tot Ion:138 Resp: 85110
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 112.0 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 87.247 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion:184 Resp: 95240
Ion Ratio Lower Upper
184 100
63 60.8 50.9 76.3
154 60.9 53.0 79.6

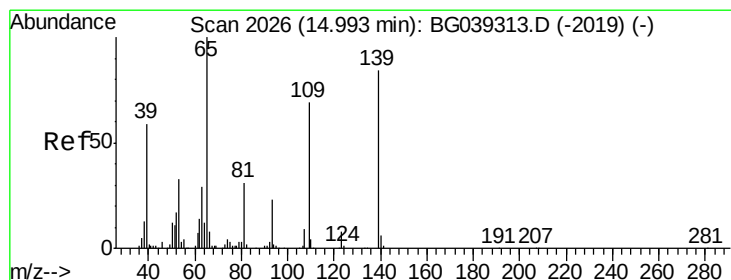
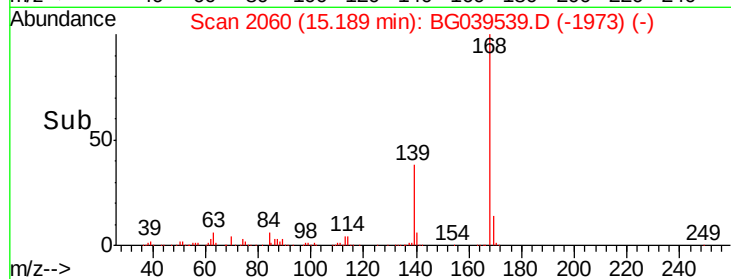
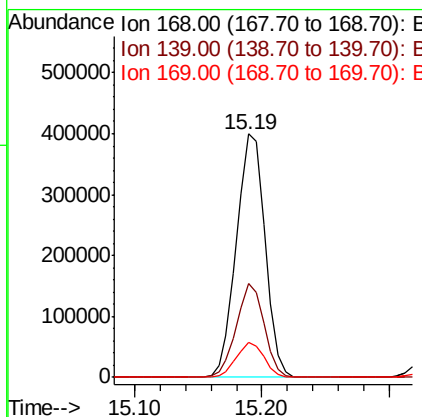
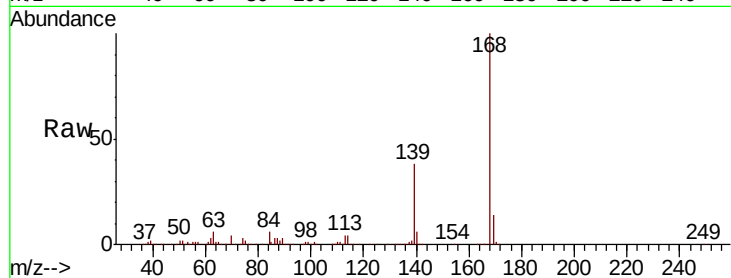




#55
Dibenzenofuran
Concen: 40.636 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

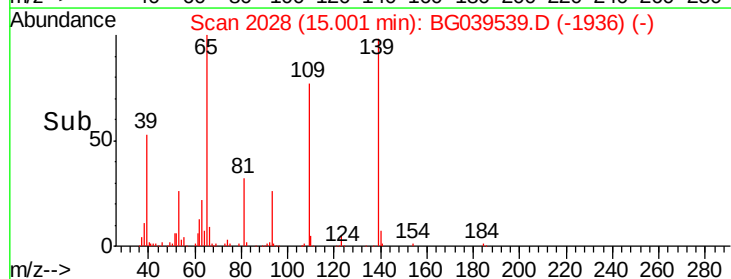
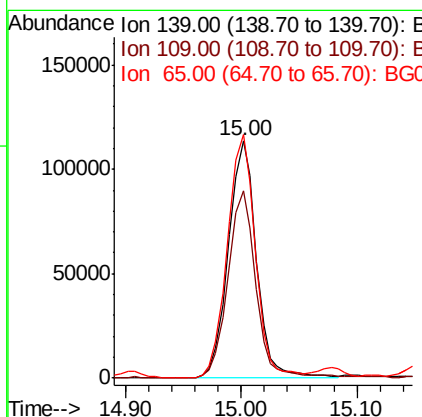
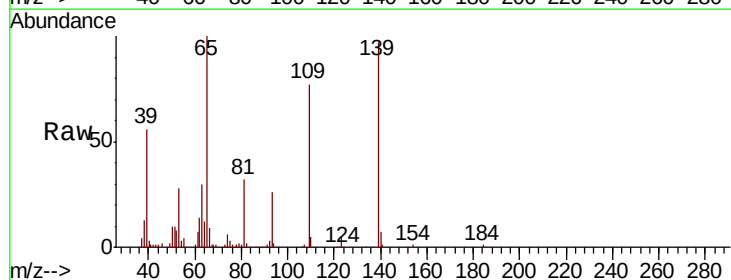
Instrument :
BNA_G
ClientSampled :

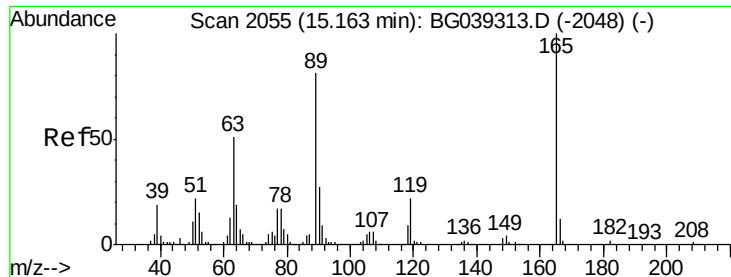
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	14.2	10.6	16.0



#56
4-Nitrophenol
Concen: 83.918 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.0	61.9	101.9
65	102.6	99.1	139.1

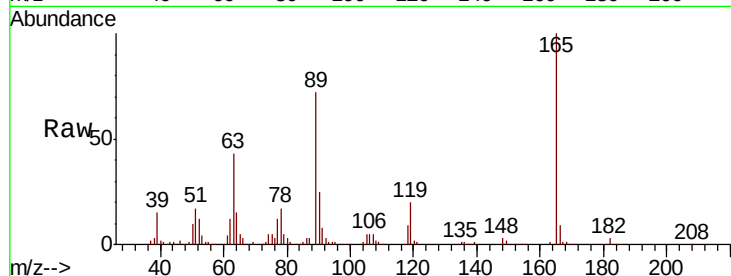




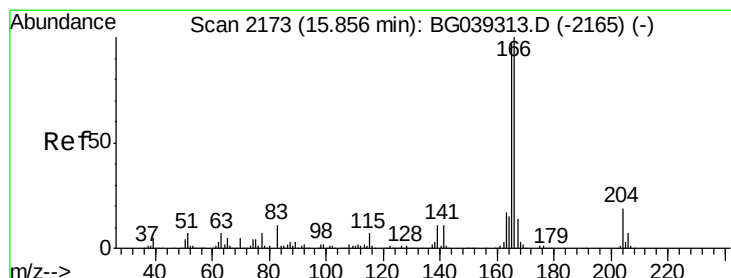
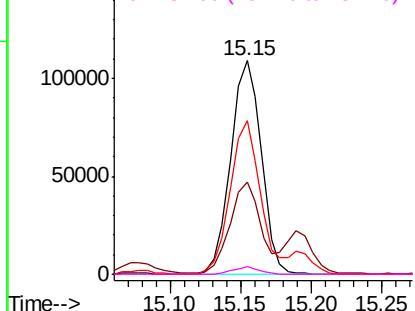
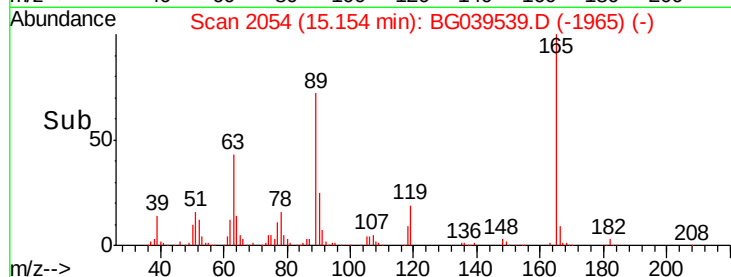
#57
2,4-Dinitrotoluene
Concen: 53.223 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 164170
Ion Ratio Lower Upper
165 100
63 43.4 41.0 61.6
89 72.0 64.6 96.8
182 3.4 2.0 3.0#

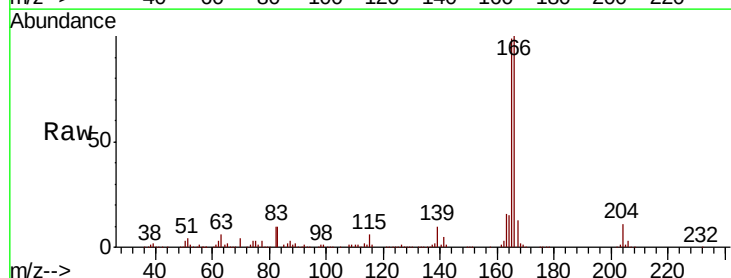


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

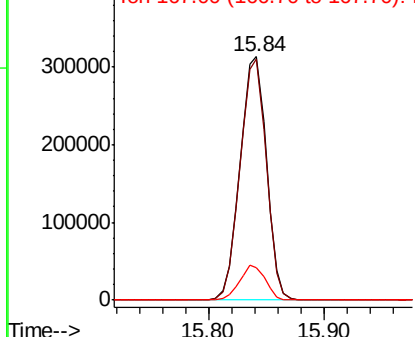
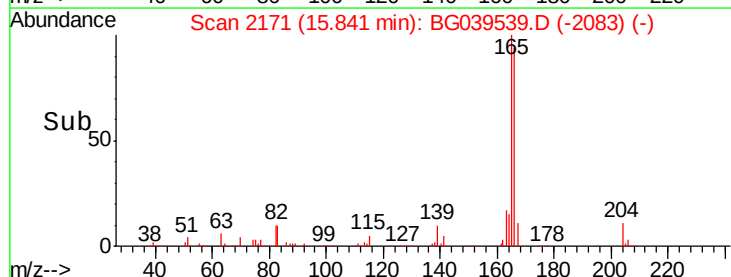


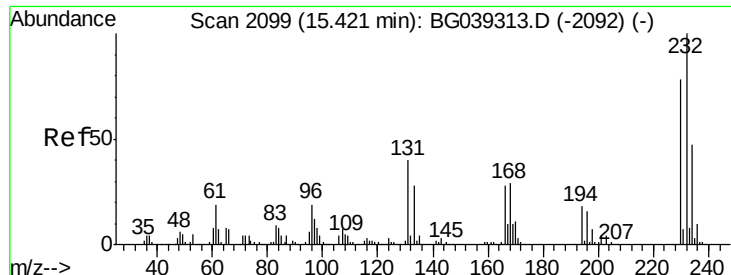
#58
Fluorene
Concen: 43.310 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion:166 Resp: 496788
Ion Ratio Lower Upper
166 100
165 98.9 77.9 116.9
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

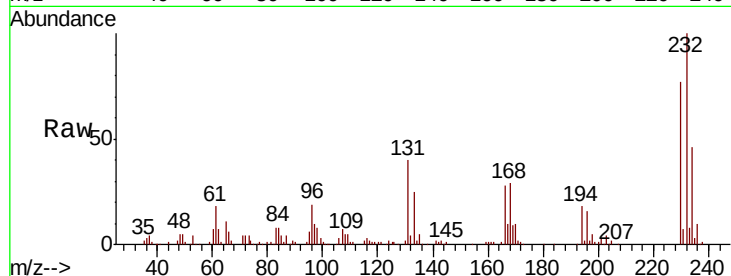




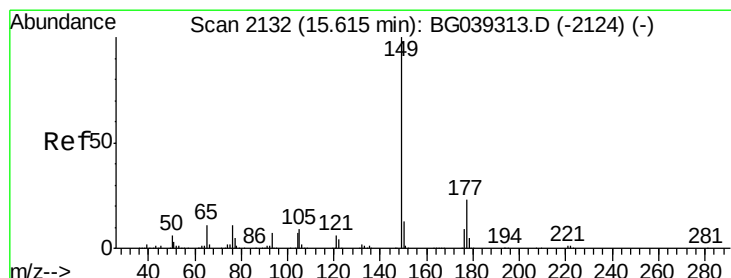
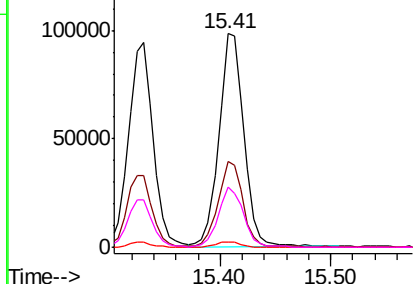
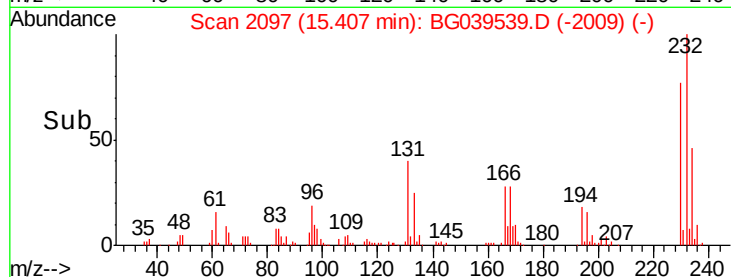
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.258 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	154041
Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.9	52.3
130	2.6	2.0	3.0
166	28.1	24.1	36.1

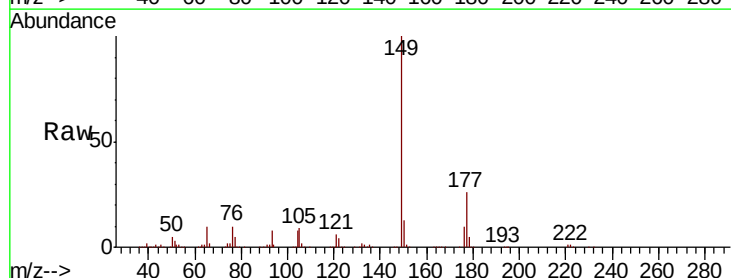


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

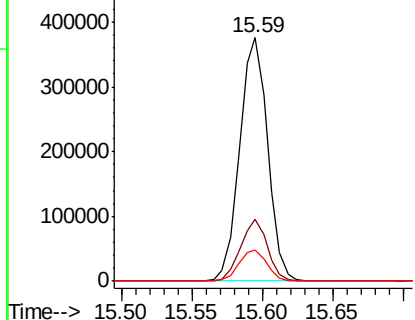
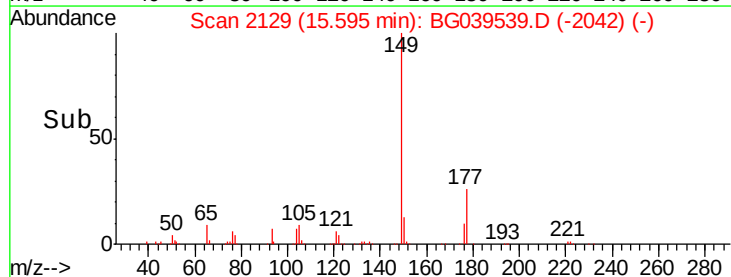


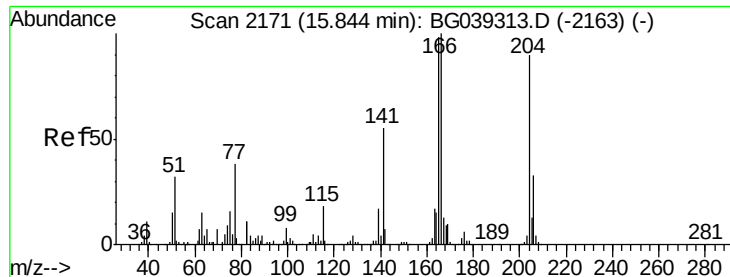
#60
 Diethylphthalate
 Concen: 39.645 ng
 RT: 15.59 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion:	149	Resp:	518232
Ion	Ratio	Lower	Upper
149	100		
177	25.6	18.3	27.5
150	12.8	10.2	15.2



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

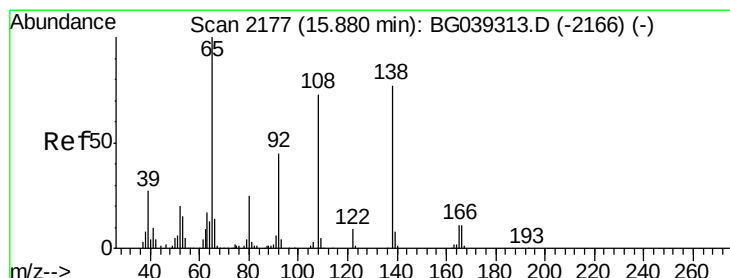
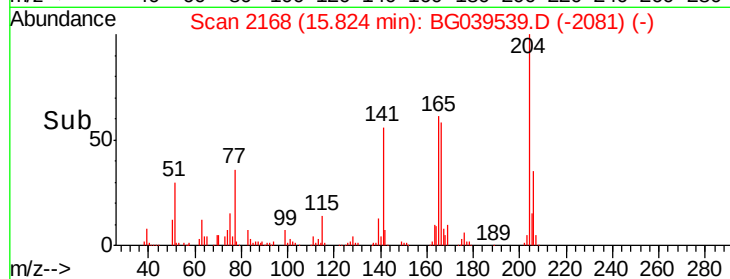
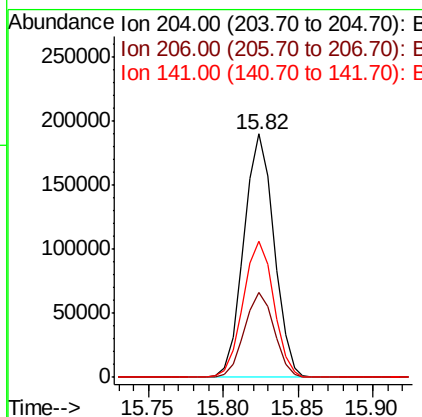
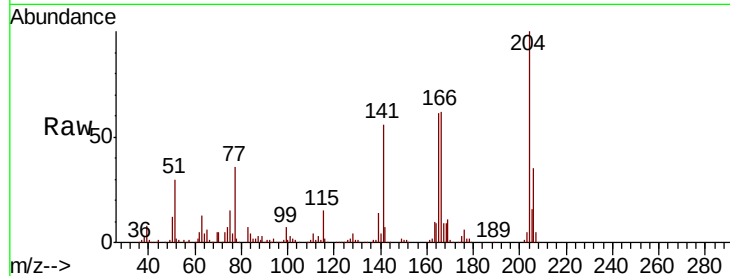




#61
 4-Chlorophenyl-phenylether
 Concen: 40.903 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

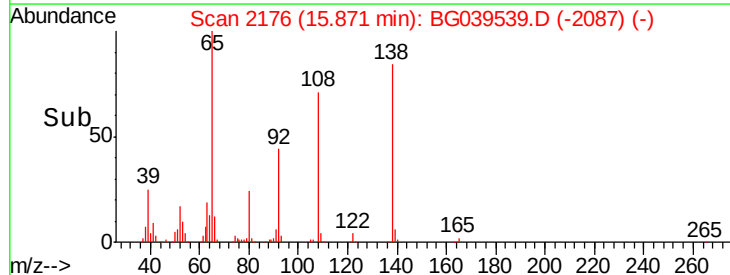
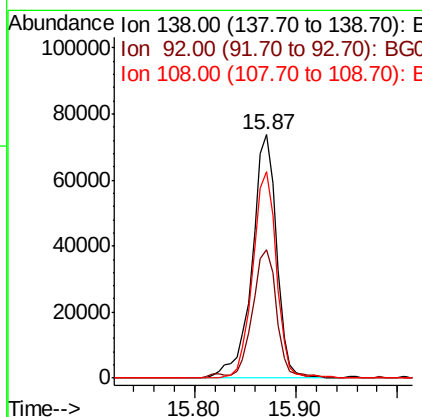
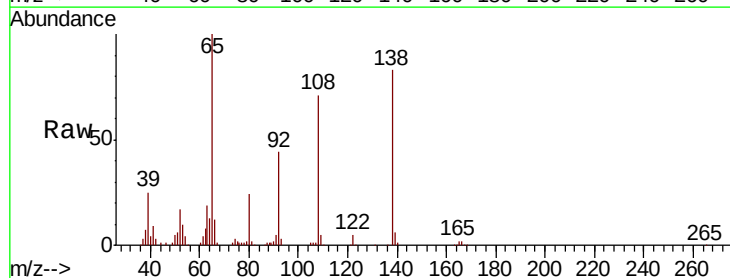
Instrument :
 BNA_G
 ClientSampleId :

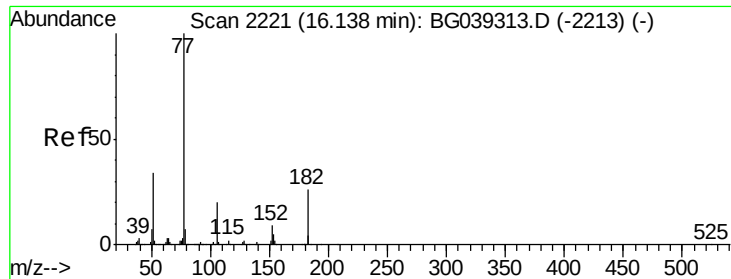
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	29.2	43.8
141	56.0	49.0	73.4



#62
 4-Nitroaniline
 Concen: 47.040 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	38.7	78.7
108	85.0	74.6	114.6





#63

Azobenzene

Concen: 36.648 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 468235

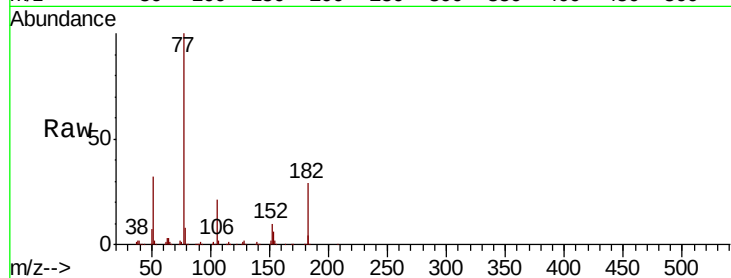
Ion Ratio Lower Upper

77 100

182 28.6 6.4 46.4

105 20.8 0.0 39.8

51 32.3 14.1 54.1

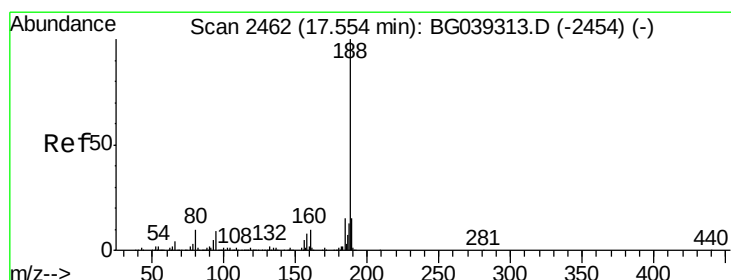
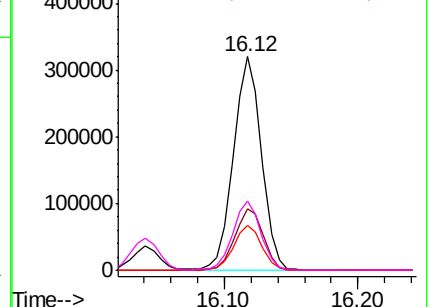
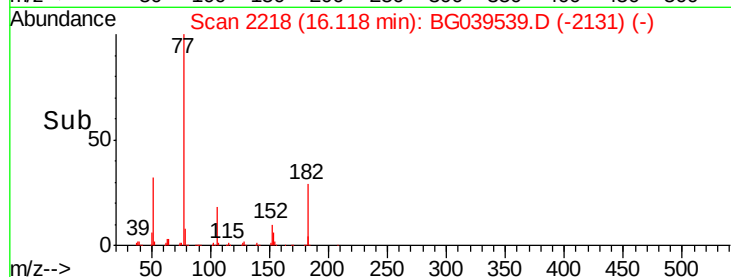


Abundance Ion 77.00 (76.70 to 77.70): BG0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

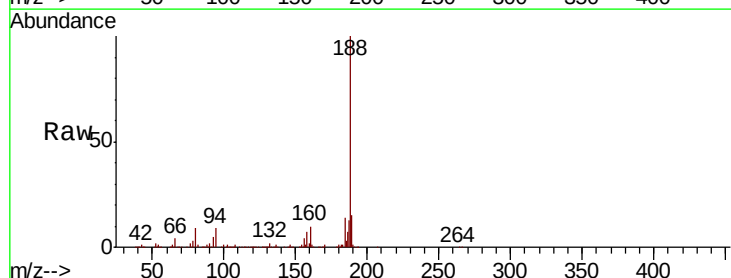
Tgt Ion: 188 Resp: 389413

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

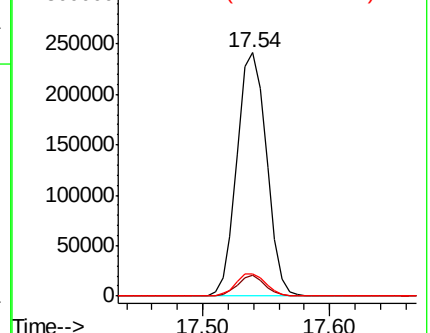
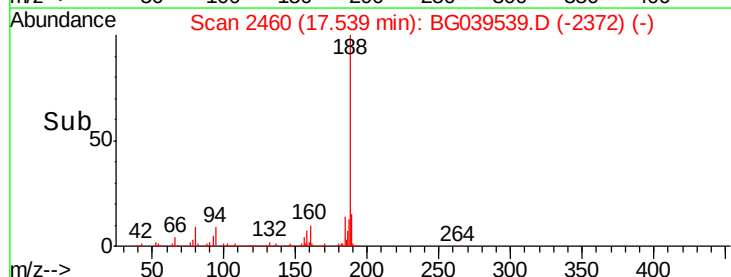
80 8.9 8.1 12.1

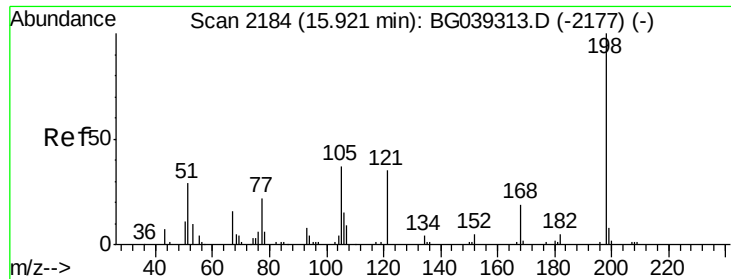


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#65

4,6-Dinitro-2-methylphenol

Concen: 51.979 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

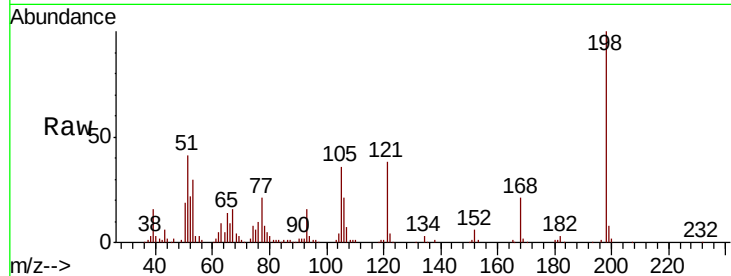
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 82418

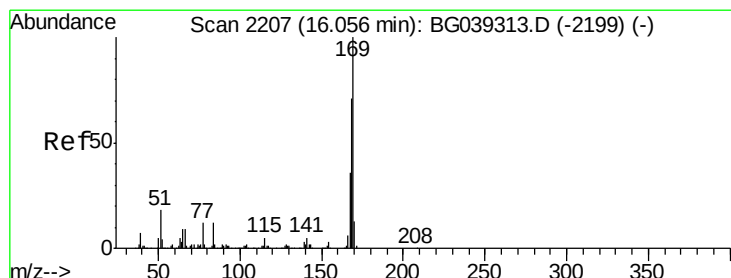
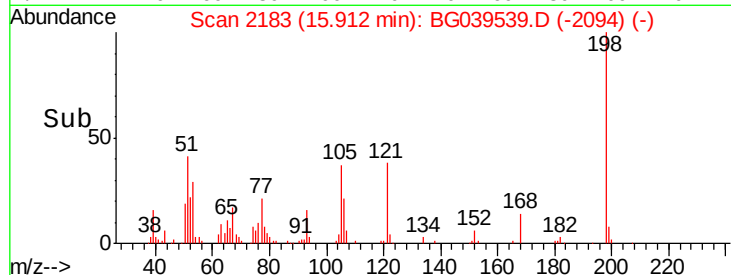
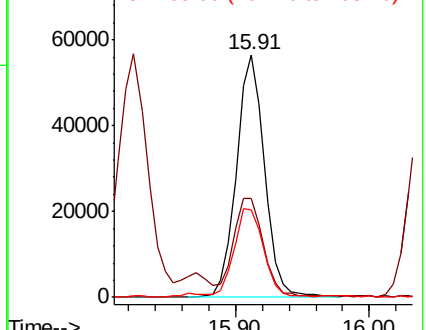
Ion	Ratio	Lower	Upper
198	100		
51	40.8	27.4	67.4
105	36.0	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039539.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.272 ng

RT: 16.04 min Scan# 2205

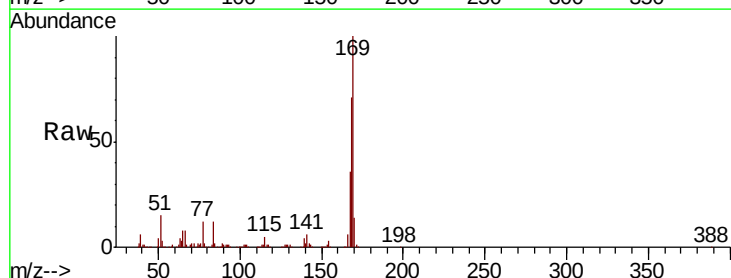
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:169 Resp: 453164

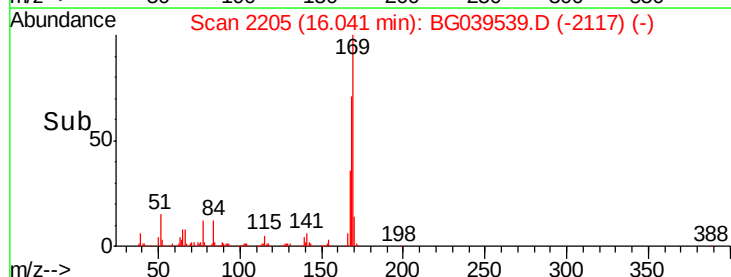
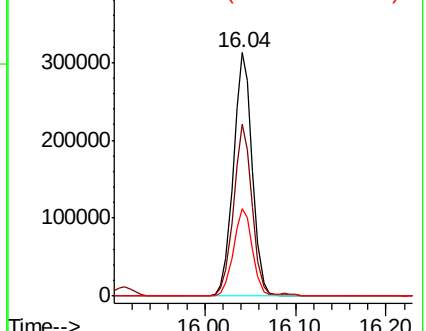
Ion	Ratio	Lower	Upper
169	100		
168	70.6	56.6	85.0
167	36.0	28.8	43.2

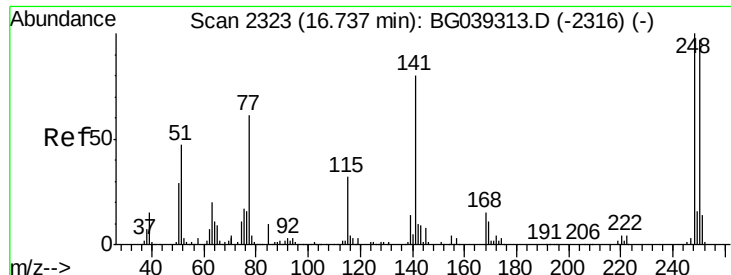


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

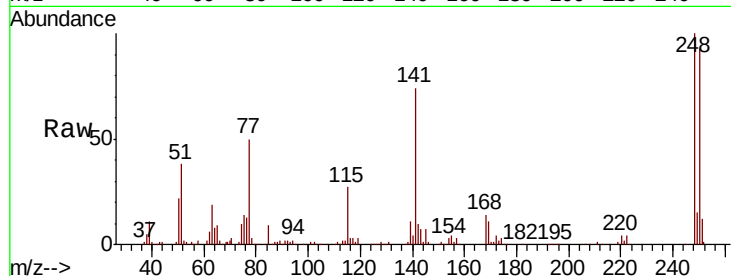




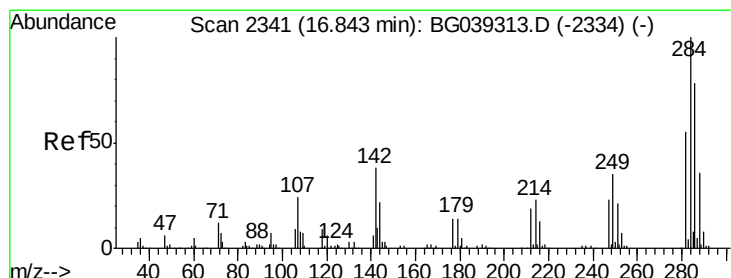
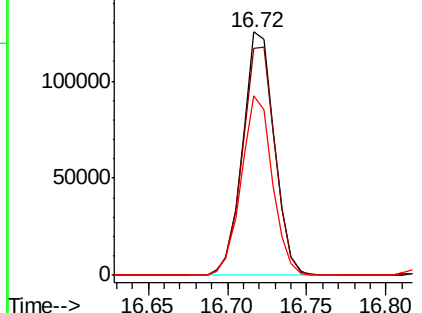
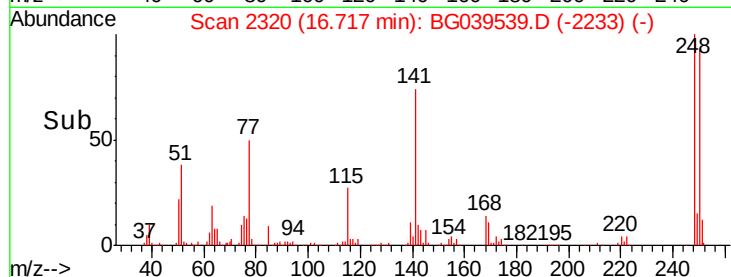
#67
 4-Bromophenyl-phenylether
 Concen: 40.165 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 173515
 Ion Ratio Lower Upper
 248 100
 250 93.1 77.6 116.4
 141 73.8 63.9 95.9

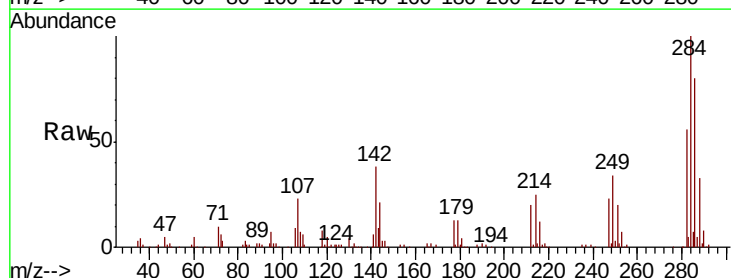


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

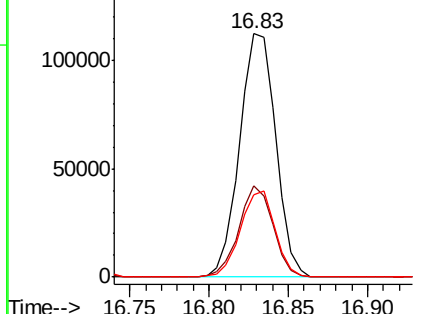
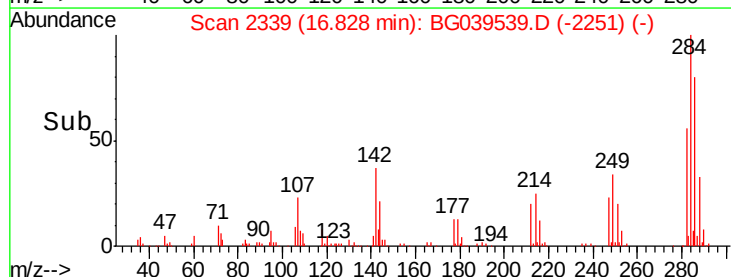


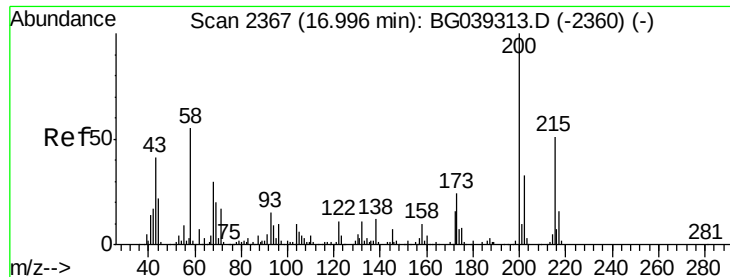
#68
 Hexachlorobenzene
 Concen: 40.970 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion:284 Resp: 177580
 Ion Ratio Lower Upper
 284 100
 142 37.7 30.6 45.8
 249 33.9 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: 41.405 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

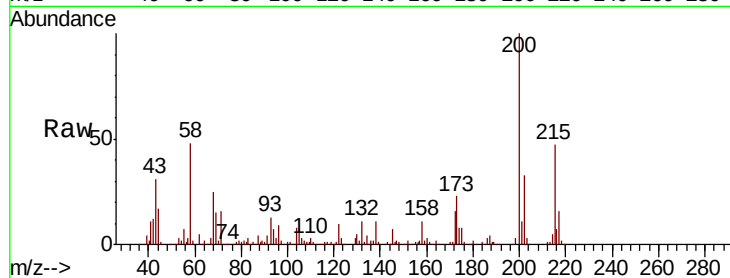
Tot Ion:200 Resp: 179164

Ion Ratio Lower Upper

200 100

173 23.4 3.9 43.9

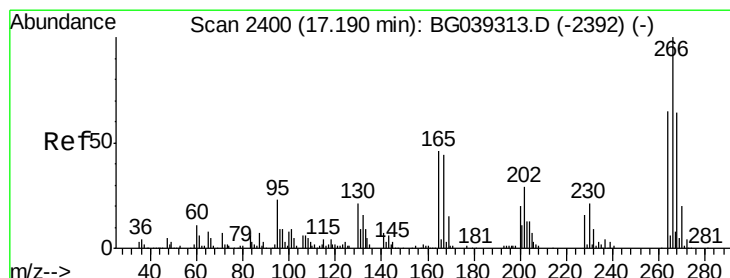
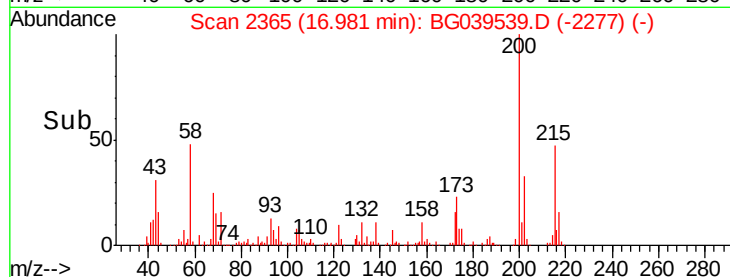
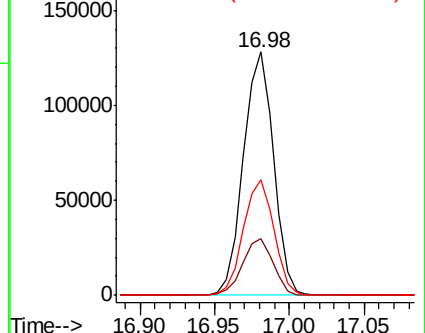
215 47.4 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 72.355 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

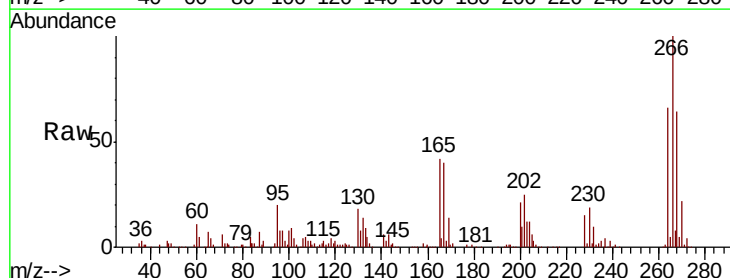
Tgt Ion:266 Resp: 217967

Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

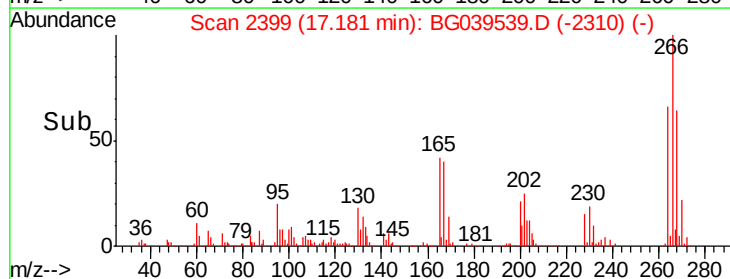
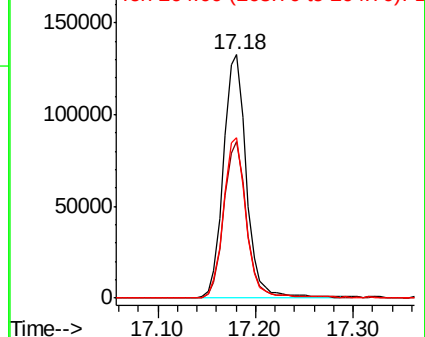
264 65.9 52.1 78.1

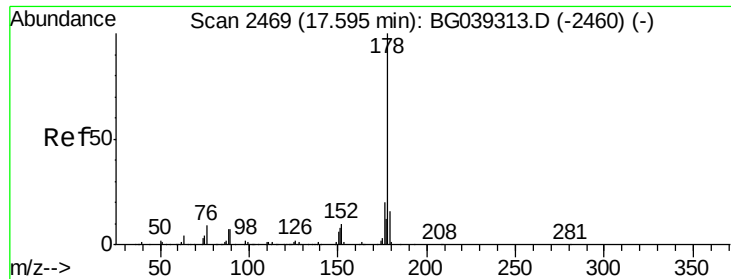


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

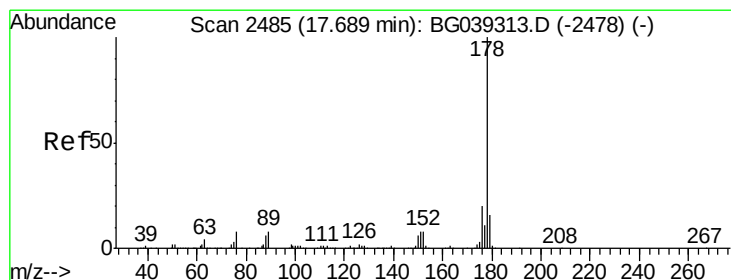
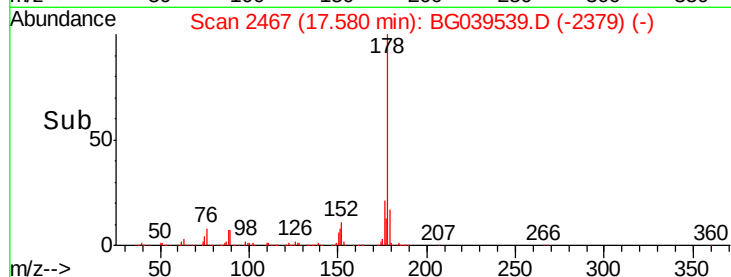
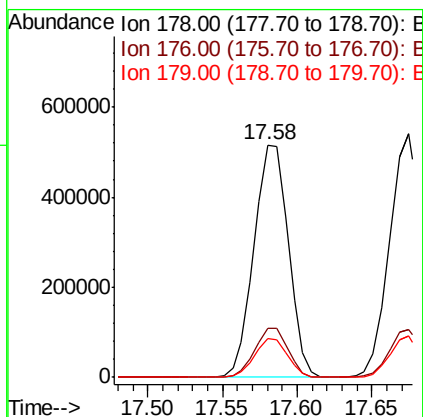
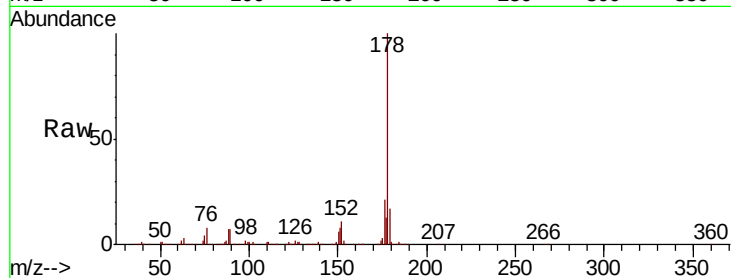




#71
Phenanthrene
Concen: 40.827 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

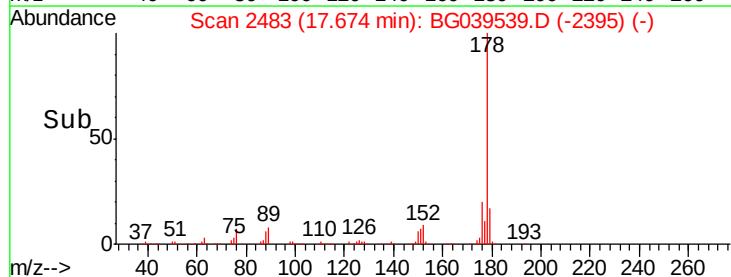
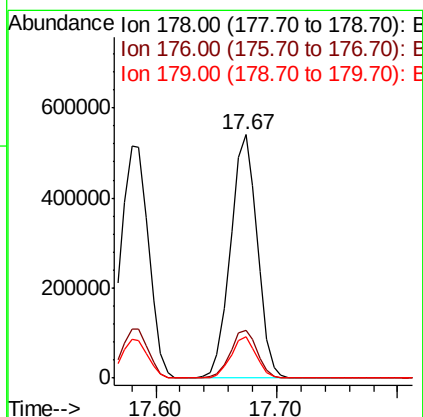
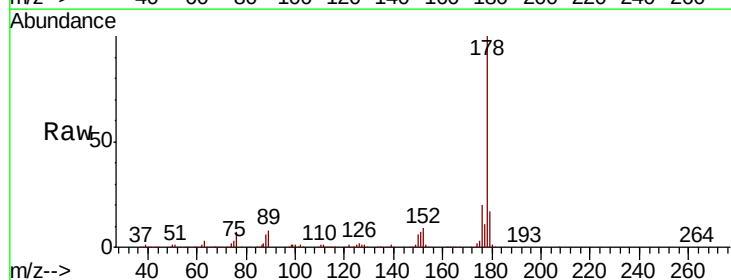
Instrument :
BNA_G
ClientSampleId :

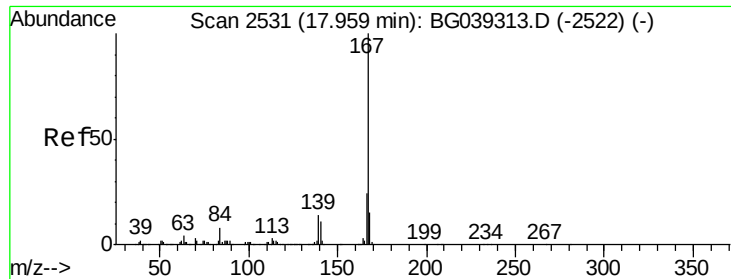
Tot Ion:178 Resp: 822861
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.8 12.6 19.0



#72
Anthracene
Concen: 41.907 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion:178 Resp: 831969
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.8 12.5 18.7

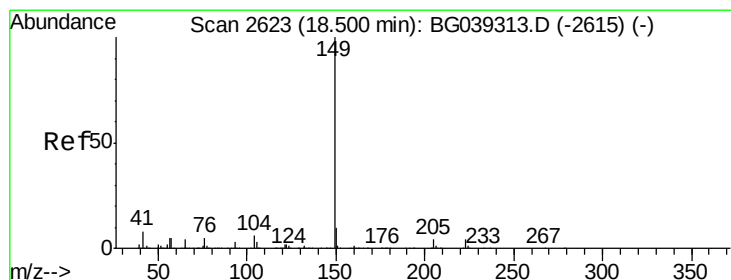
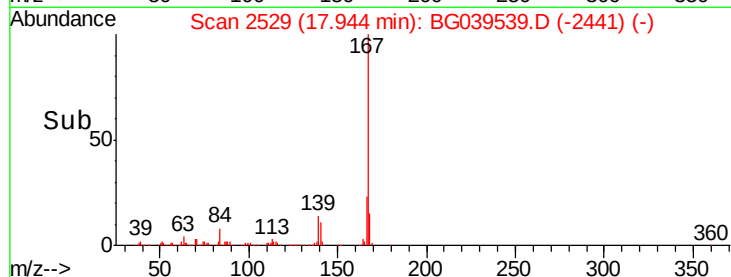
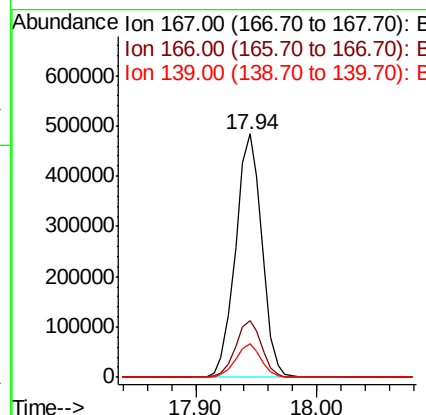
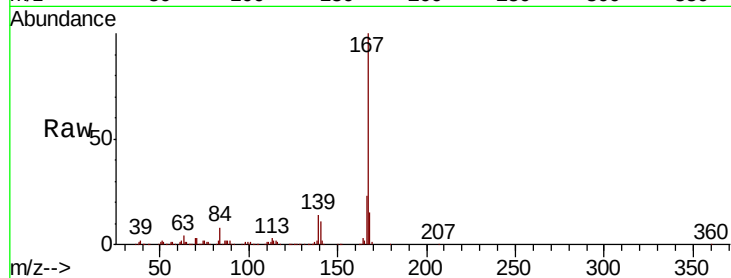




#73
 Carbazole
 Concen: 36.959 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

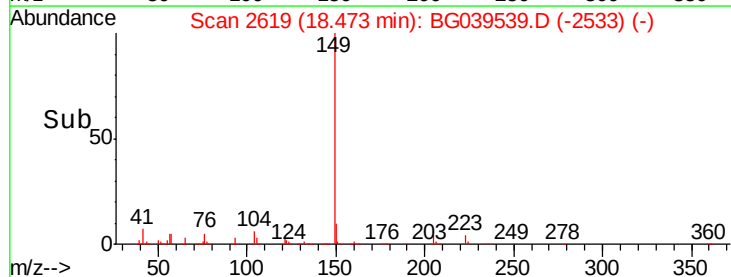
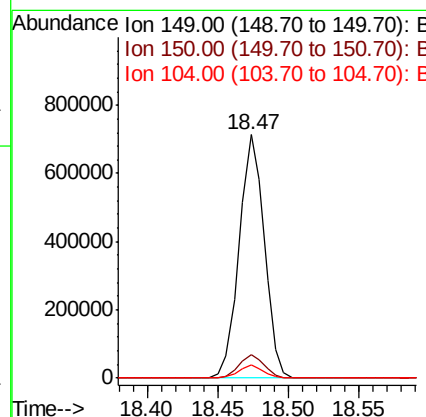
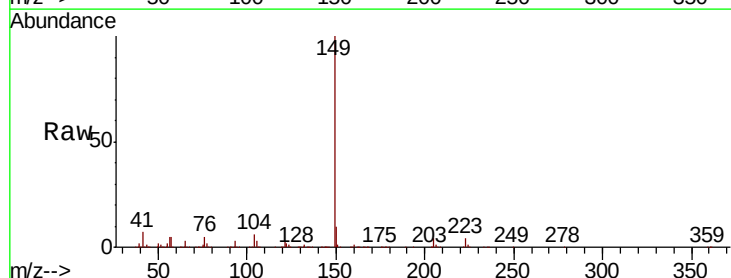
Instrument :
 BNA_G
 ClientSampleId :

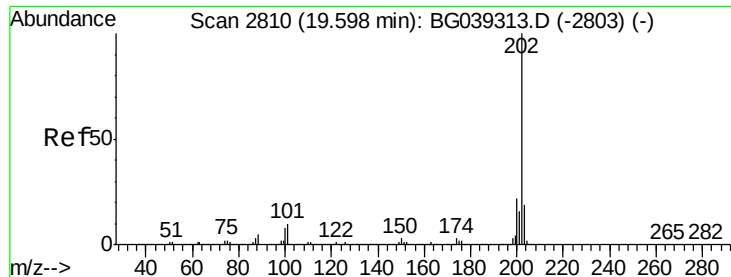
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.4	29.2
139	13.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 38.292 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.03 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 41.579 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

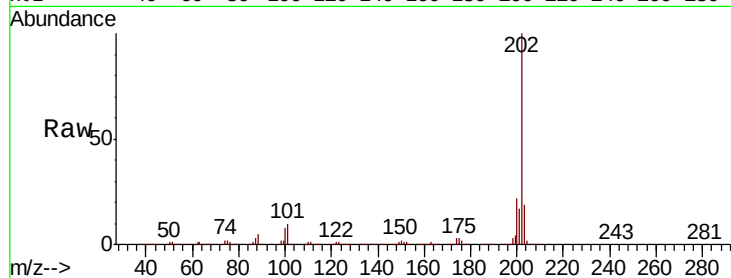
Tot Ion:202 Resp: 972687

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

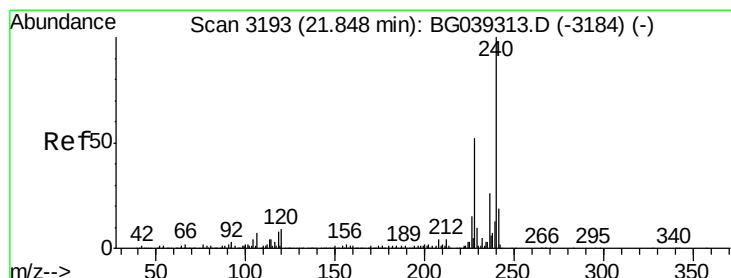
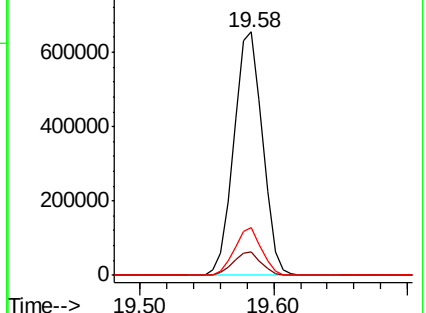
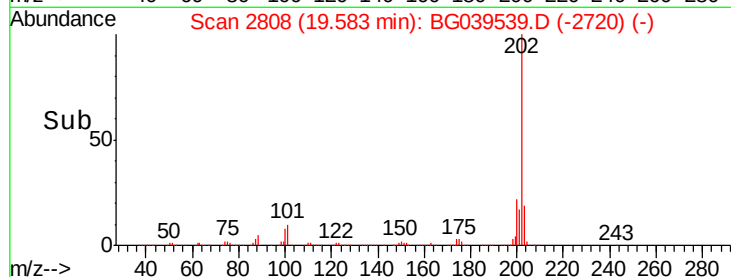
203 19.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

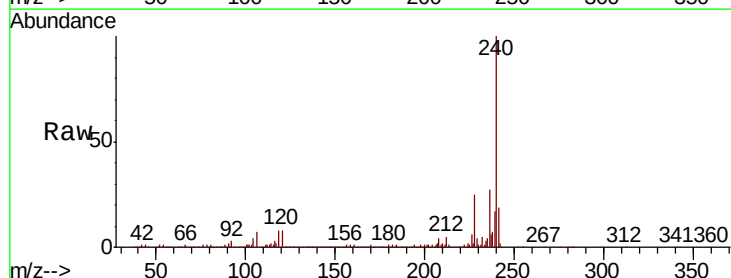
Tgt Ion:240 Resp: 381870

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

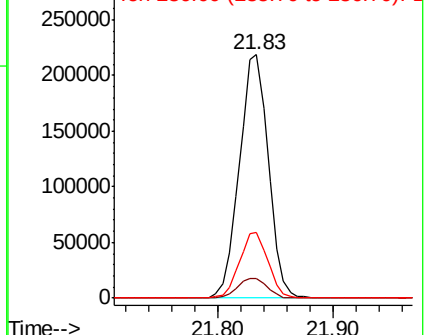
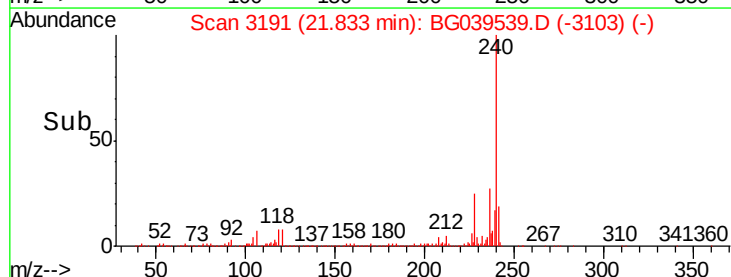
236 27.0 21.0 31.4

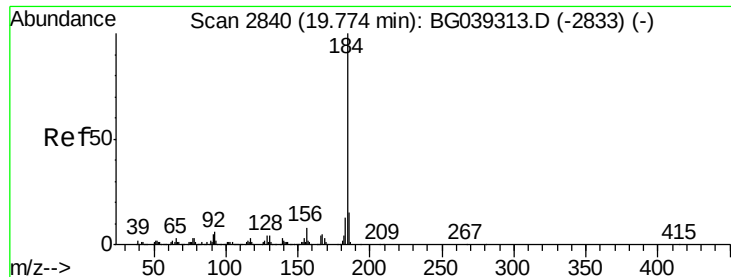


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.433 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

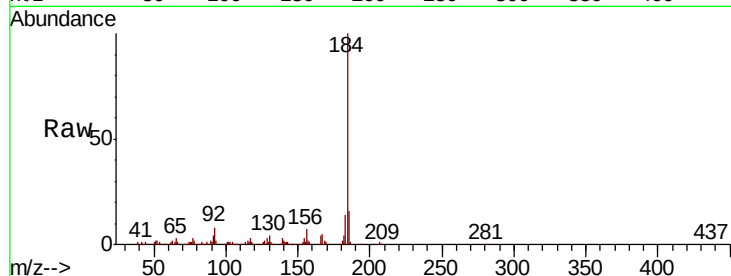
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 280857

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	13.9	10.6	15.8

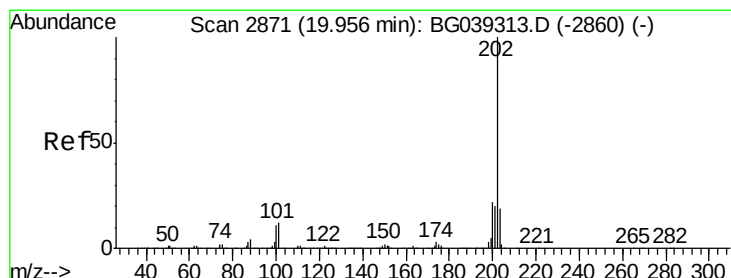
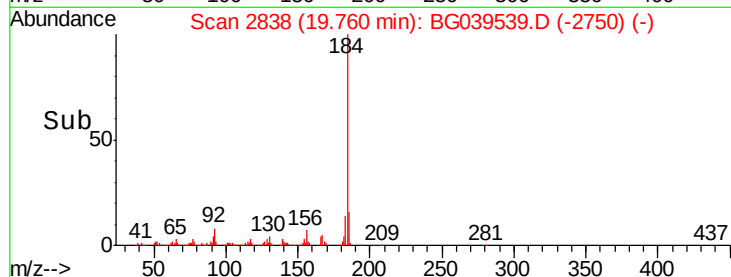
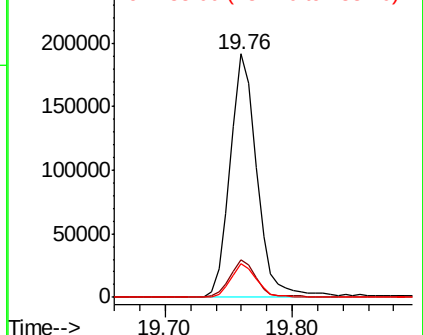


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.691 ng

RT: 19.94 min Scan# 2869

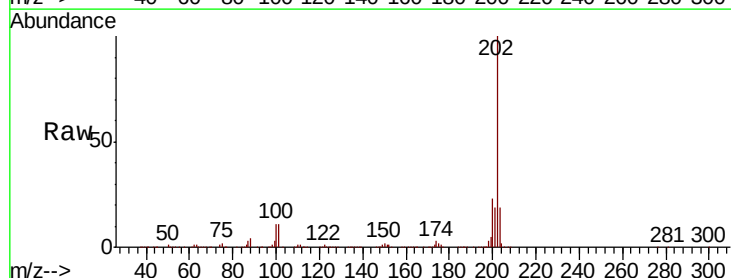
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:202 Resp: 991103

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.8	26.8
203	18.6	15.3	22.9

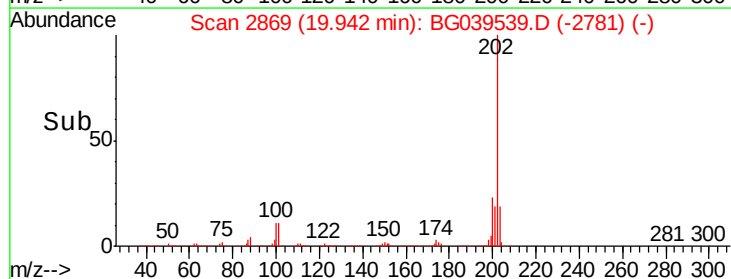
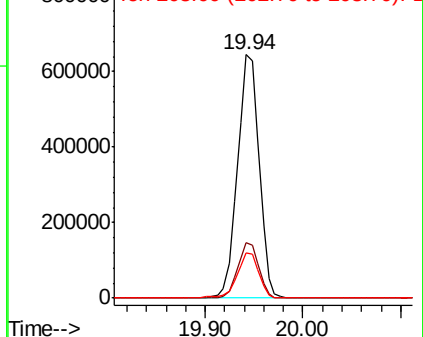


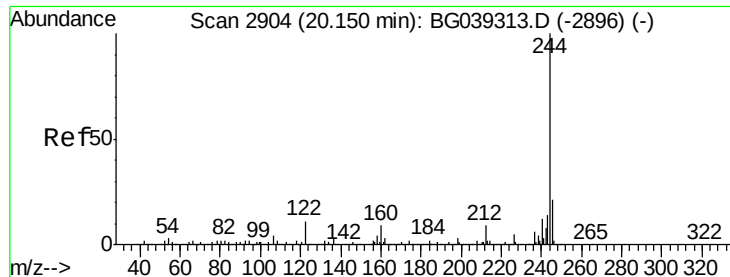
Abundance

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: 78.708 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

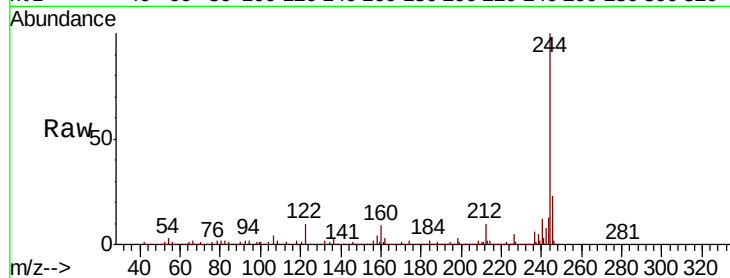
Tot Ion:244 Resp: 1419962

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.3	8.4	12.6

244 100

212 9.6 7.3 10.9

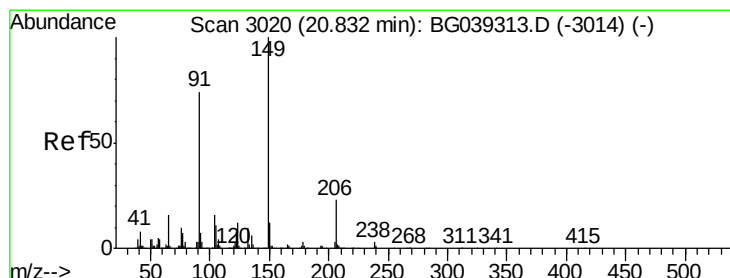
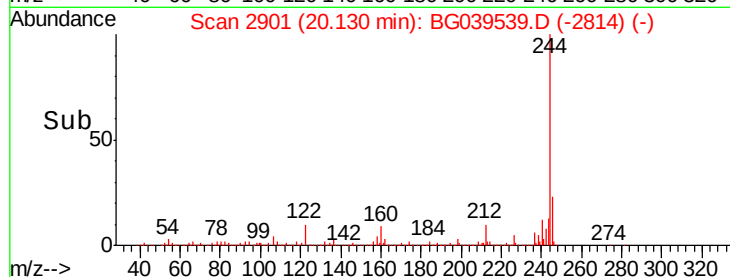
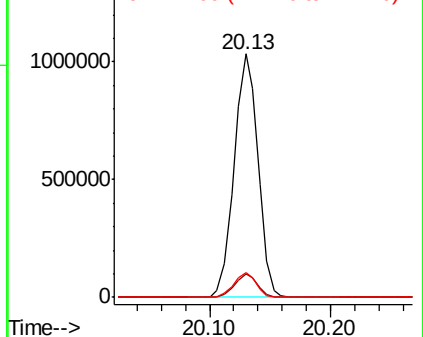
122 10.3 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.251 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

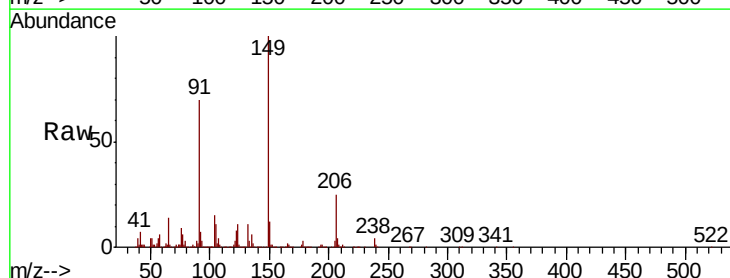
Tgt Ion:149 Resp: 413667

Ion	Ratio	Lower	Upper
149	100		
91	70.3	59.5	89.3
206	24.8	18.6	27.8

149 100

91 70.3 59.5 89.3

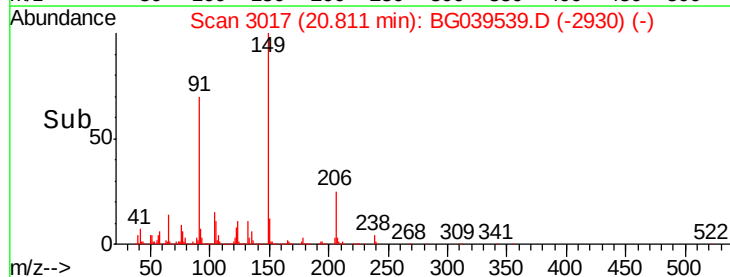
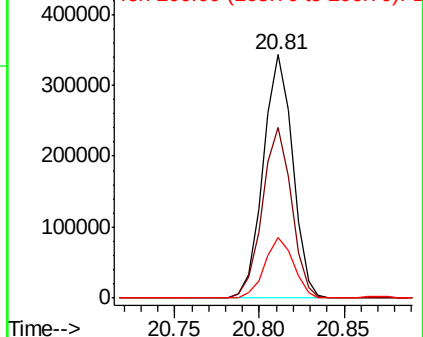
206 24.8 18.6 27.8

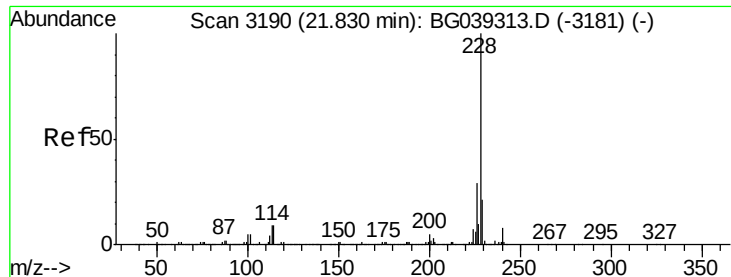


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.563 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

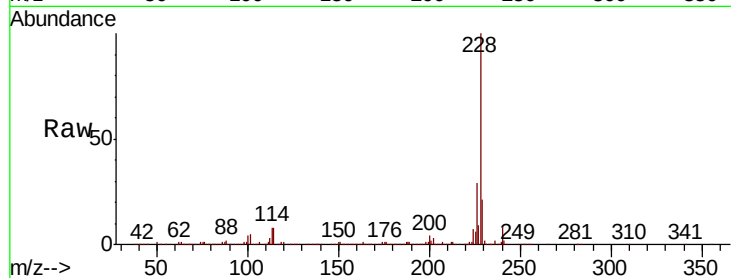
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 960413

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	21.2	16.9	25.3

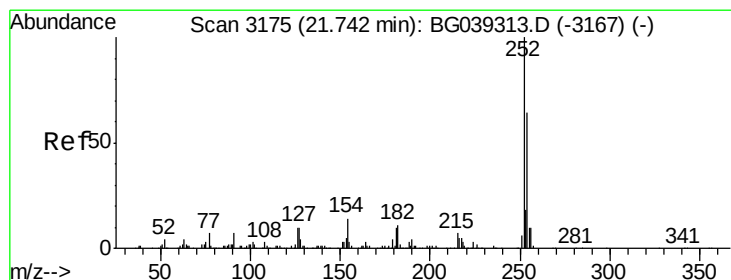
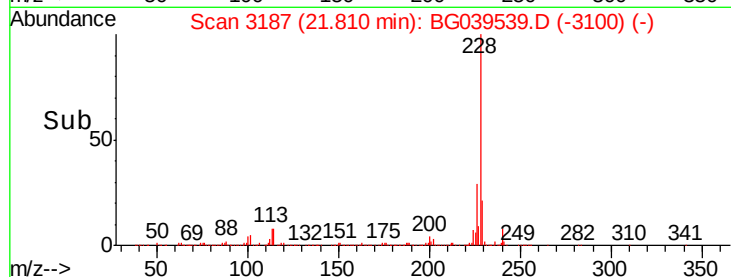
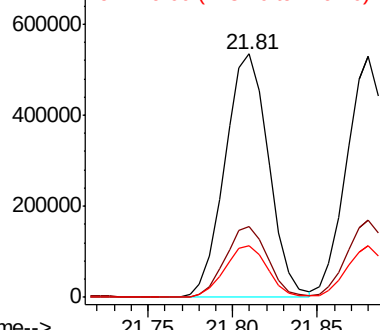


Abundance

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: 30.680 ng

RT: 21.72 min Scan# 3172

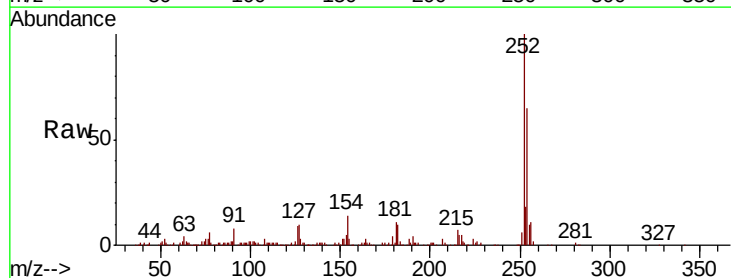
Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:252 Resp: 256689

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	9.1	8.0	12.0

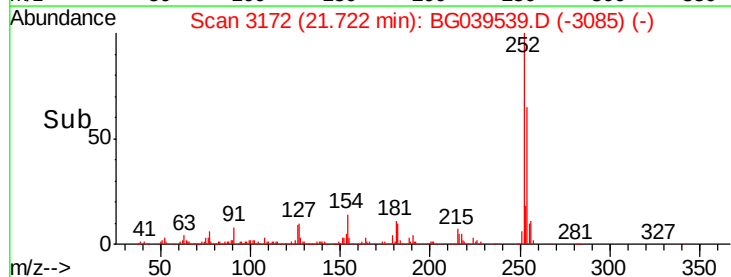
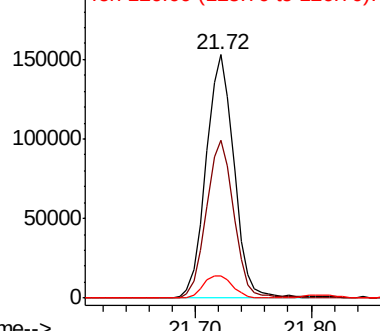


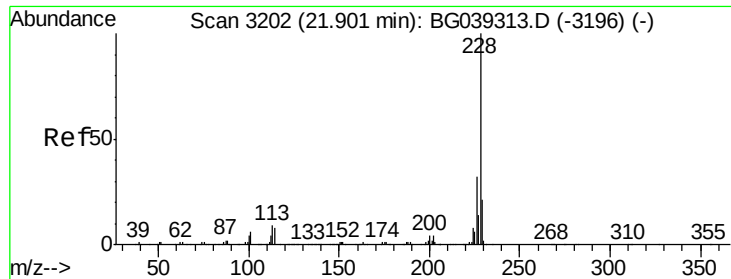
Abundance

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: 41.584 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

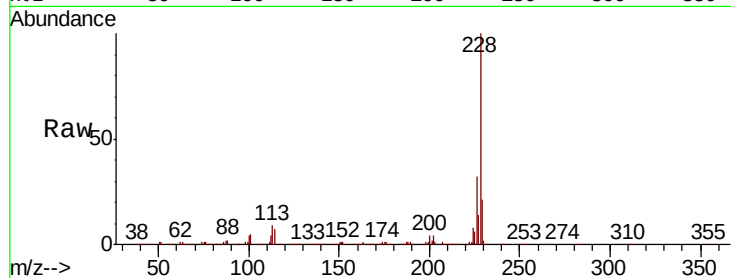
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 893221

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.8	38.6
229	21.2	16.6	25.0

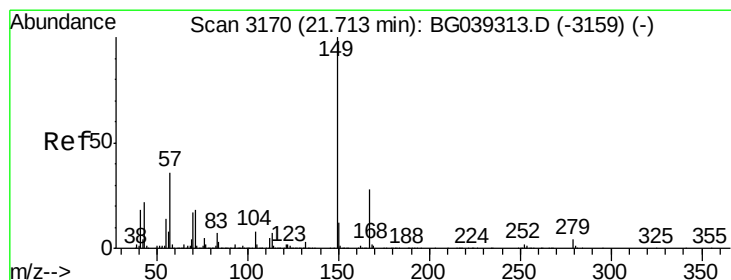
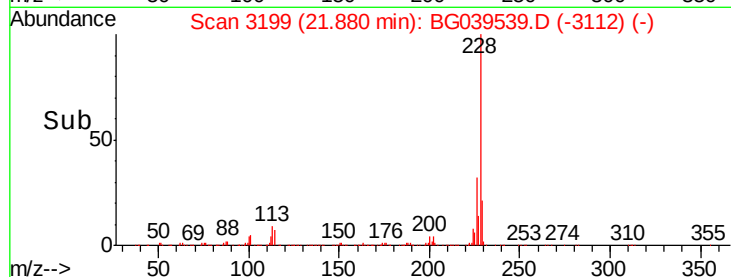
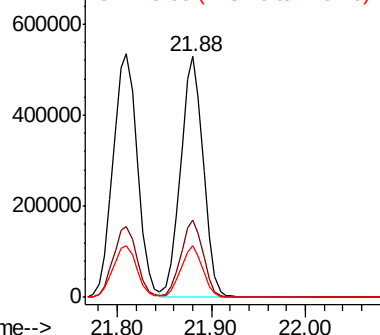


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.066 ng

RT: 21.67 min Scan# 3164

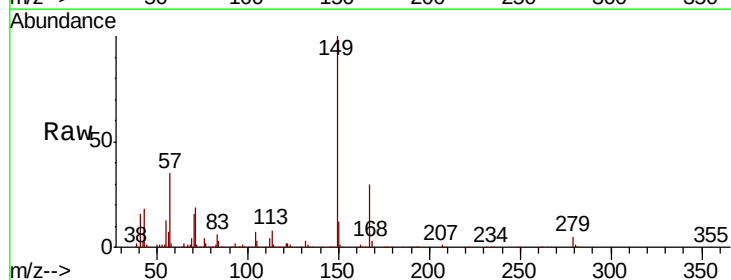
Delta R.T. -0.04 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:149 Resp: 573200

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.6	34.0
279	4.8	3.5	5.3

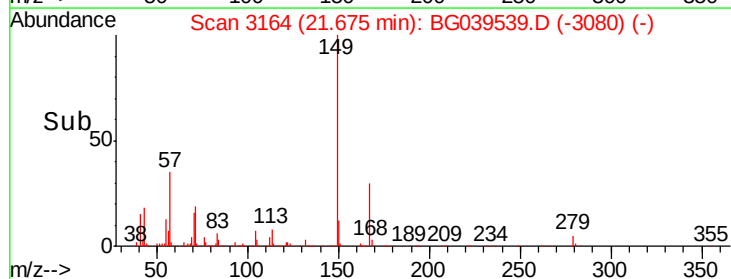
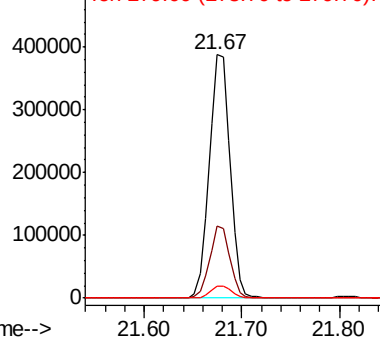


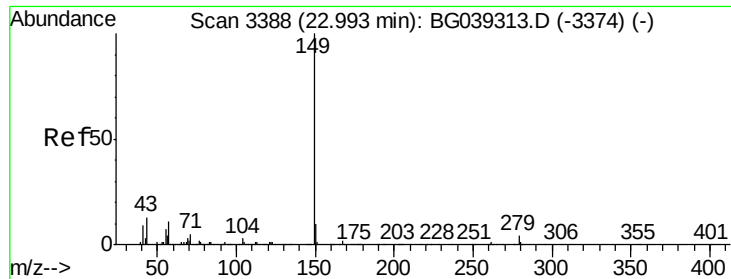
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.747 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.06 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

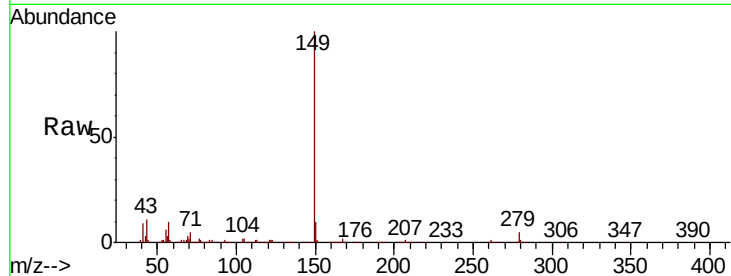
Tot Ion:149 Resp: 986720

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

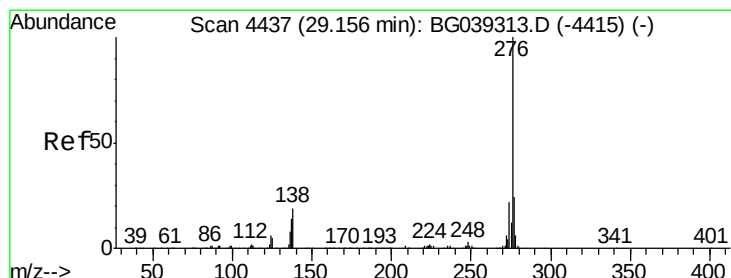
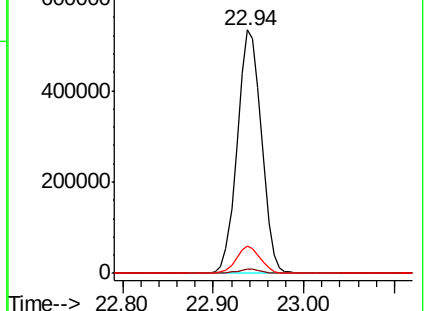
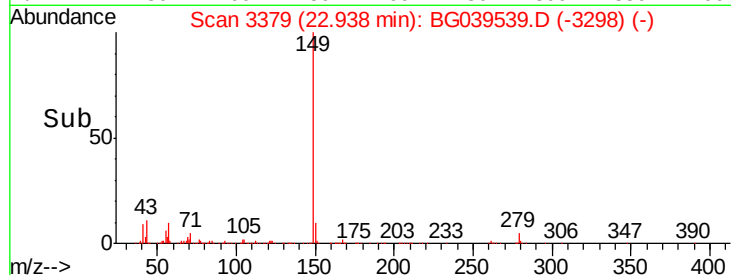
43 11.0 10.2 15.4



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: 41.562 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.06 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

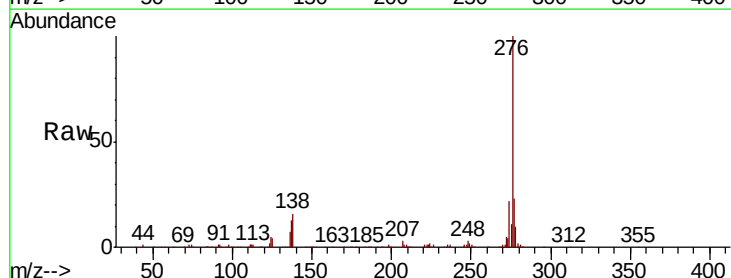
Tgt Ion:276 Resp: 957855

Ion Ratio Lower Upper

276 100

138 10.4 12.6 19.0#

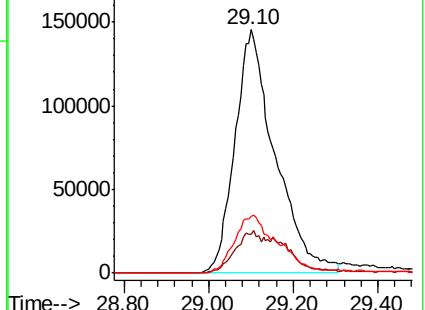
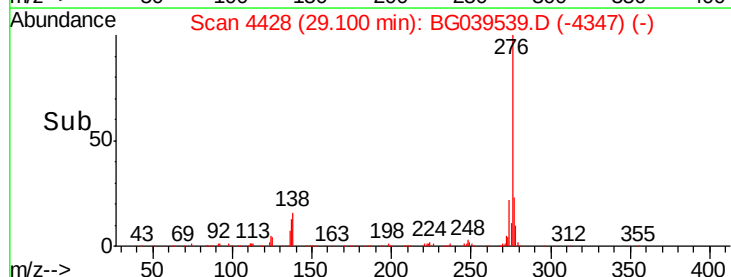
277 25.4 20.8 31.2

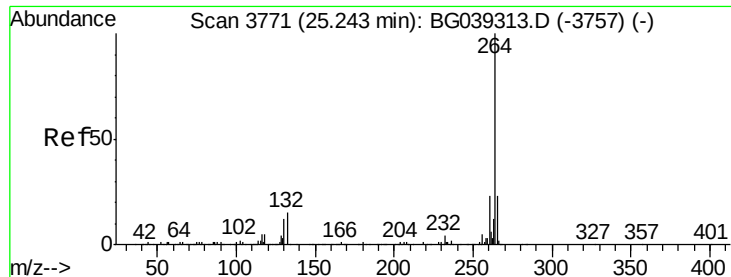


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

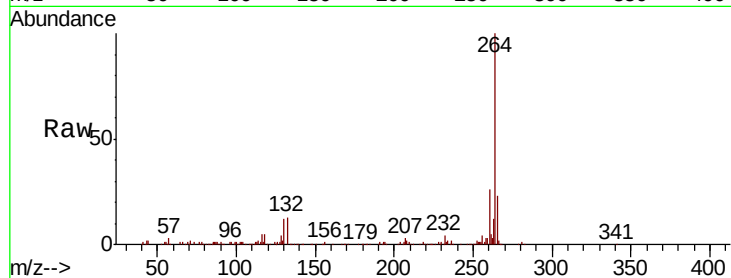
Tot Ion:264 Resp: 354958

Ion Ratio Lower Upper

264 100

260 25.6 18.2 27.4

265 22.6 18.5 27.7

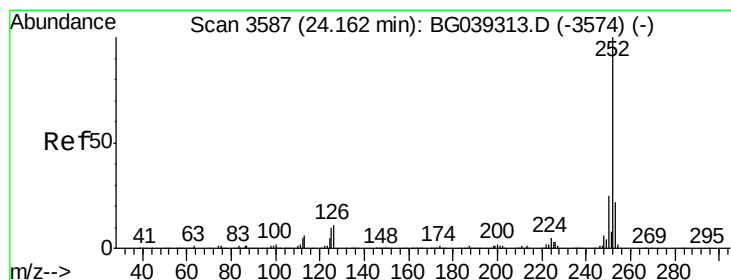
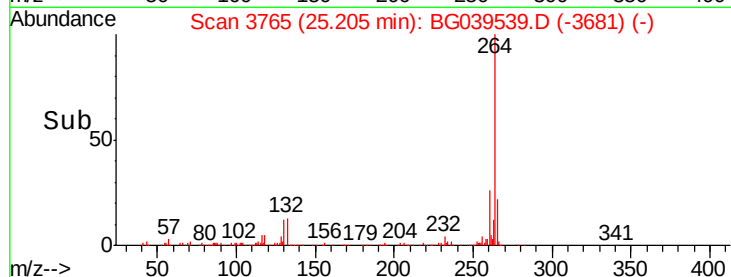
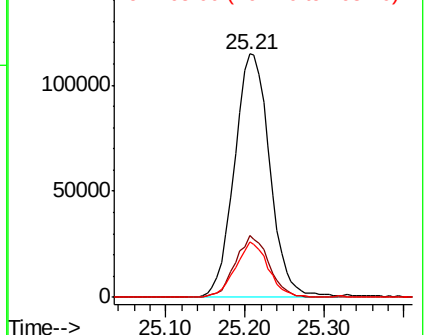


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.891 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

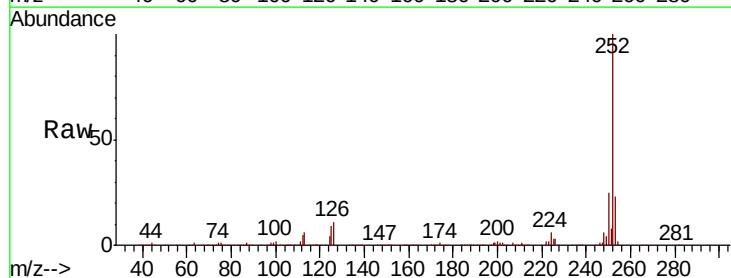
Tgt Ion:252 Resp: 927058

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 9.1 7.8 11.6

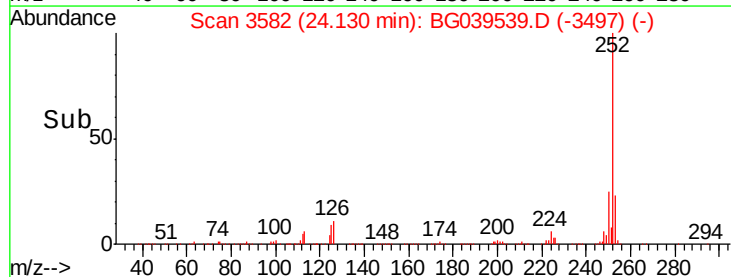
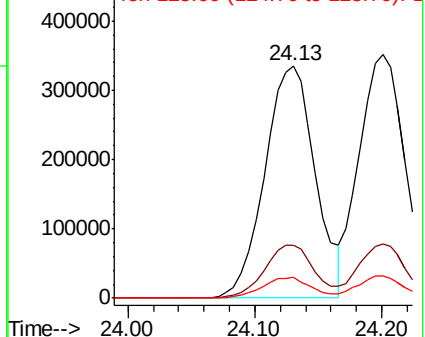


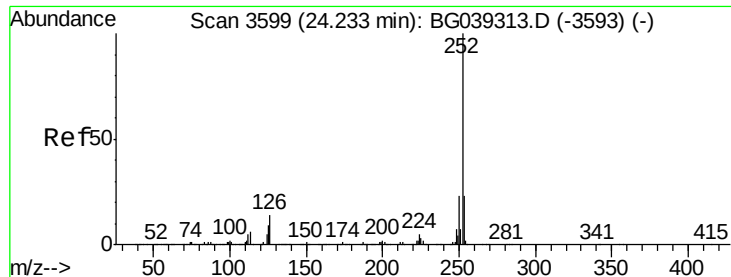
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.661 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

ClientSampleId :

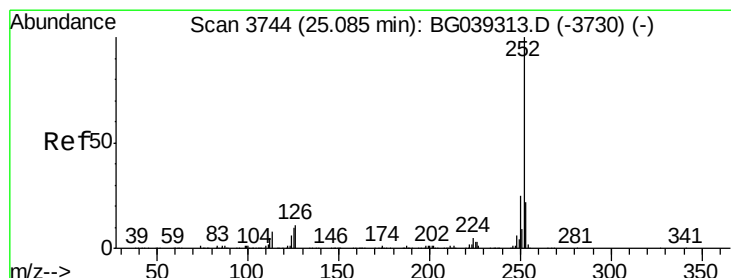
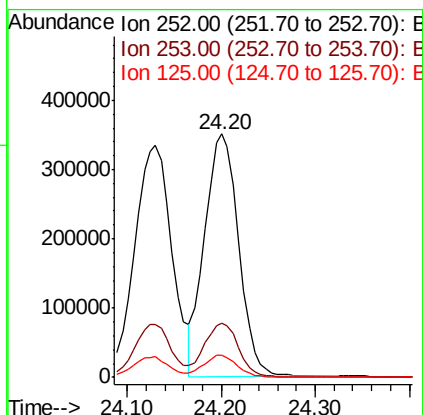
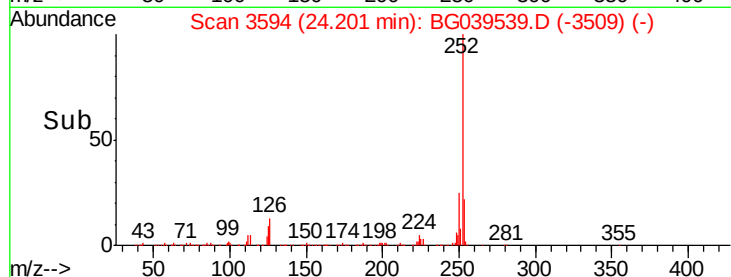
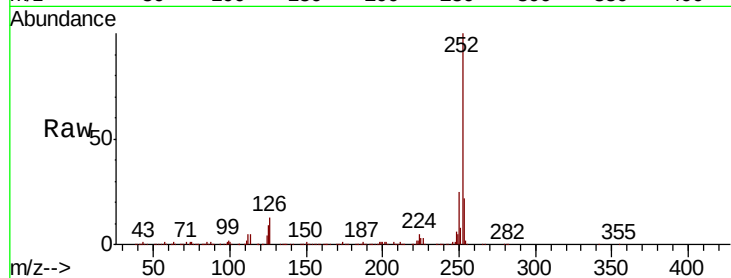
Tot Ion:252 Resp: 887424

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.198 ng

RT: 25.05 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

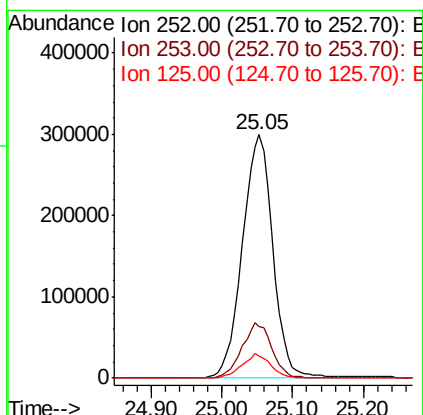
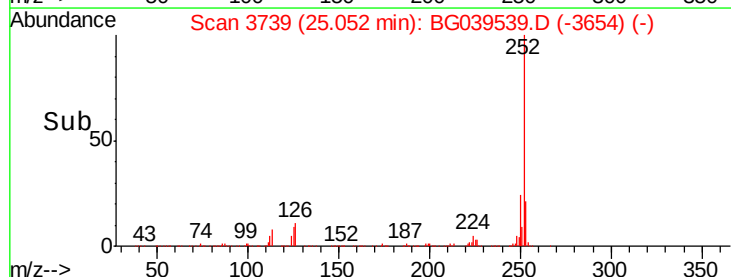
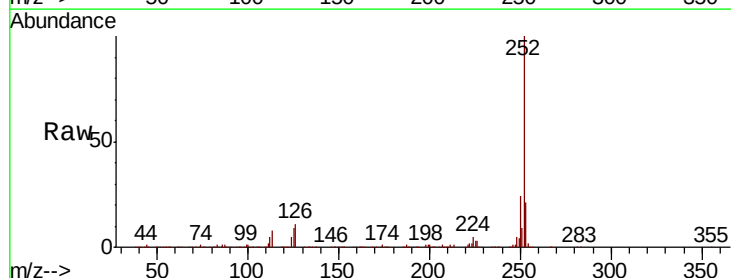
Tgt Ion:252 Resp: 898555

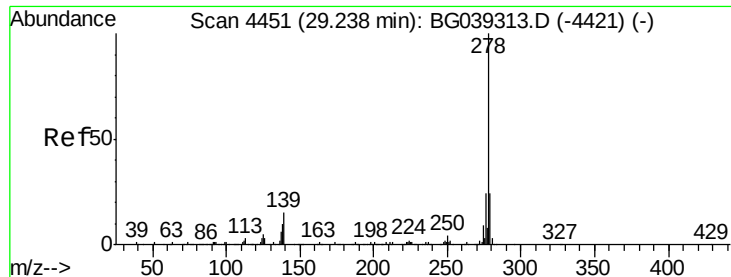
Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 9.1 8.3 12.5

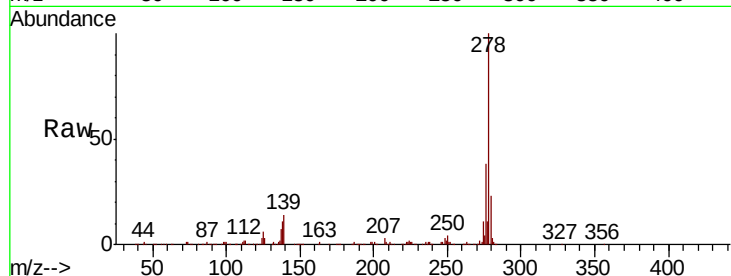




#91
Dibenzo(a,h)anthracene
Concen: 44.525 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.06 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	22.8	19.1	28.7



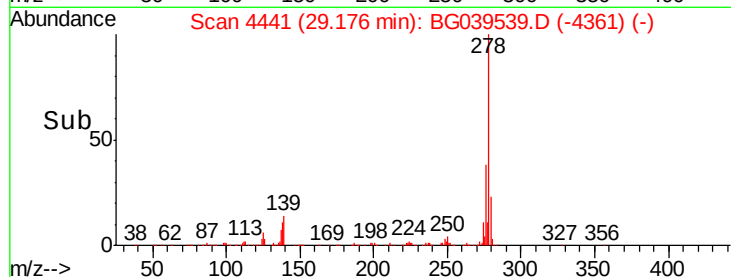
Abundance

Ion 278.00 (277.70 to 278.70): E

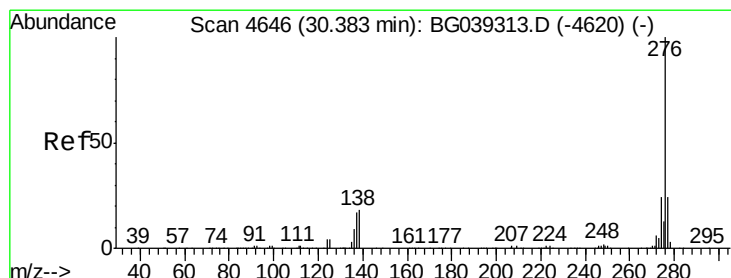
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

29.18

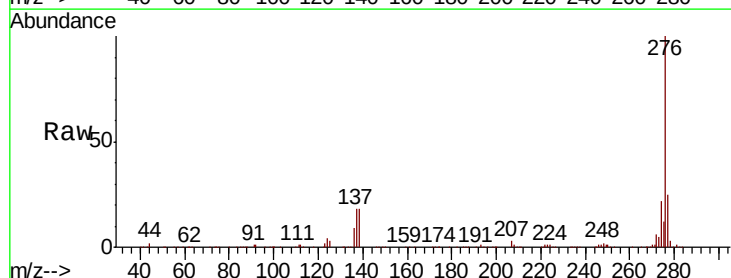


Time-->



#92
Benzo(g,h,i)perylene
Concen: 43.711 ng
RT: 30.33 min Scan# 4637
Delta R.T. -0.06 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	18.3	14.7	22.1



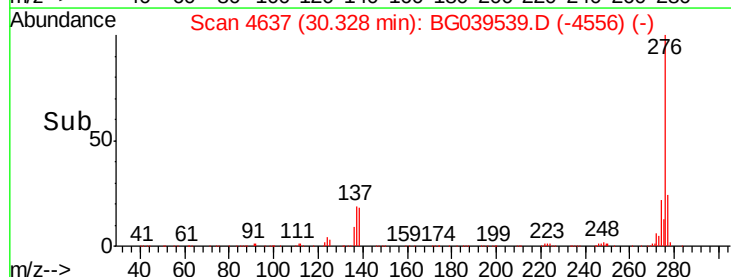
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

30.33



Time-->