

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
 Data File : BG039572.D
 Acq On : 21 Feb 2019 13:11
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:54:08 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	69890	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	321079	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	225813	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	535094	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	528221	20.00	ng	-0.02
87) Perylene-d12	25.21	264	514744	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	326304	79.91	ng	0.00
7) Phenol-d6	7.32	99	522047	86.85	ng	0.00
23) Nitrobenzene-d5	9.35	82	487520	94.86	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	222012	91.30	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1162350	73.84	ng	-0.02
79) Terphenyl-d14	20.13	244	1786280	71.58	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.60	88	61784	34.589 ng	95
3) Pyridine	4.01	79	190430	40.266 ng	97
4) n-Nitrosodimethylamine	3.93	42	87111	36.831 ng	92
6) Aniline	7.50	93	309543	41.113 ng	98
8) 2-Chlorophenol	7.73	128	191575	42.919 ng	98
9) Benzaldehyde	7.31	77	131693	45.659 ng	94
10) Phenol	7.35	94	271184	43.280 ng	97
11) bis(2-Chloroethyl)ether	7.59	93	207521	41.913 ng	98
12) 1,3-Dichlorobenzene	8.06	146	214594	39.685 ng	97
13) 1,4-Dichlorobenzene	8.20	146	219410	40.709 ng	99
14) 1,2-Dichlorobenzene	8.53	146	208527	39.966 ng	99
15) Benzyl Alcohol	8.41	79	205406	43.527 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	399035	35.689 ng	99
17) 2-Methylphenol	8.60	107	179508	44.270 ng	94
18) Hexachloroethane	9.26	117	75858	40.910 ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	177235	41.543 ng	91
20) 3+4-Methylphenols	8.93	107	253452	45.391 ng	97
22) Acetophenone	9.00	105	337821	39.169 ng	# 94
24) Nitrobenzene	9.39	77	255423	46.002 ng	98
25) Isophorone	9.91	82	445150	39.085 ng	98
26) 2-Nitrophenol	10.10	139	127591	55.732 ng	97
27) 2,4-Dimethylphenol	10.14	122	193949	42.096 ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	283596	40.426 ng	98
29) 2,4-Dichlorophenol	10.63	162	225415	44.766 ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	231144	40.887 ng	98
31) Naphthalene	11.04	128	612936	38.480 ng	98
32) Benzoic acid	10.29	122	159995	52.086 ng	96
33) 4-Chloroaniline	11.15	127	309604	41.920 ng	98
34) Hexachlorobutadiene	11.31	225	153248	40.762 ng	93
35) Caprolactam	11.96	113	94178	45.198 ng	93
36) 4-Chloro-3-methylphenol	12.26	107	261818	44.959 ng	99
37) 2-Methylnaphthalene	12.63	142	463186	39.261 ng	97
38) 1-Methylnaphthalene	12.85	142	449796	39.552 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	286500	39.876 ng	99

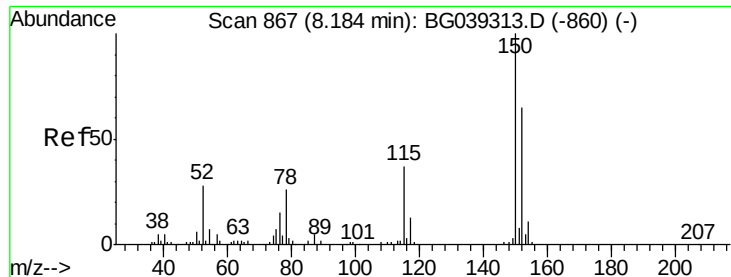
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
 Data File : BG039572.D
 Acq On : 21 Feb 2019 13:11
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:54:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	170189	43.470	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	200090	45.294	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	211622	45.707	ng	98
46) 1,1'-Biphenyl	13.63	154	707808	37.673	ng	98
47) 2-Chloronaphthalene	13.68	162	553379	39.152	ng	97
48) 2-Nitroaniline	13.89	65	195879	48.202	ng	93
49) Acenaphthylene	14.52	152	814056	38.170	ng	99
50) Dimethylphthalate	14.24	163	703560	38.578	ng	99
51) 2,6-Dinitrotoluene	14.37	165	161204	47.391	ng	97
52) Acenaphthene	14.86	154	520102	37.569	ng	99
53) 3-Nitroaniline	14.71	138	171727	46.850	ng	# 95
54) 2,4-Dinitrophenol	14.91	184	70510	55.254	ng	99
55) Dibenzofuran	15.19	168	860836	38.783	ng	99
56) 4-Nitrophenol	15.00	139	129064	42.099	ng	92
57) 2,4-Dinitrotoluene	15.15	165	231426	52.189	ng	87
58) Fluorene	15.84	166	635799	38.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	193546	44.647	ng	98
60) Diethylphthalate	15.59	149	713550	37.841	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	381755	40.746	ng	97
62) 4-Nitroaniline	15.88	138	177948	46.659	ng	91
63) Azobenzene	16.12	77	661271	35.880	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	126535	56.189	ng	98
66) n-Nitrosodiphenylamine	16.04	169	636122	39.097	ng	97
67) 4-Bromophenyl-phenylether	16.72	248	247040	41.615	ng	95
68) Hexachlorobenzene	16.83	284	248679	41.754	ng	97
69) Atrazine	16.98	200	204638	34.417	ng	97
70) Pentachlorophenol	17.18	266	166294	40.173	ng	99
71) Phenanthrene	17.58	178	1037110	37.448	ng	97
72) Anthracene	17.67	178	1039103	38.091	ng	98
73) Carbazole	17.94	167	1013470	37.226	ng	99
74) Di-n-butylphthalate	18.47	149	1185495	37.325	ng	98
75) Fluoranthene	19.58	202	1206896	37.545	ng	99
77) Benzidine	19.76	184	579120	33.440	ng	99
78) Pyrene	19.95	202	1230055	37.407	ng	97
80) Butylbenzylphthalate	20.81	149	554600	39.982	ng	94
81) Benzo(a)anthracene	21.81	228	1188020	38.063	ng	98
82) 3,3'-Dichlorobenzidine	21.72	252	469547	40.572	ng	99
83) Chrysene	21.88	228	1138090	38.304	ng	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	777316	39.279	ng	98
85) Di-n-octyl phthalate	22.94	149	1288912	39.423	ng	97
86) Indeno(1,2,3-cd)pyrene	29.10	276	1194721	37.477	ng	98
88) Benzo(b)fluoranthene	24.13	252	1131928	40.322	ng	99
89) Benzo(k)fluoranthene	24.20	252	1088397	38.618	ng	99
90) Benzo(a)pyrene	25.05	252	1101390	40.739	ng	99
91) Dibenzo(a,h)anthracene	29.18	278	951179	37.569	ng	99
92) Benzo(g,h,i)perylene	30.33	276	938751	37.199	ng	100

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

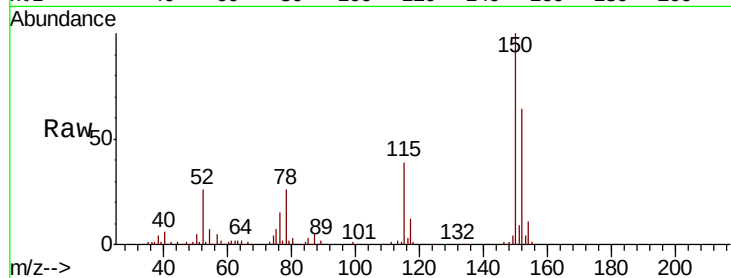


#1

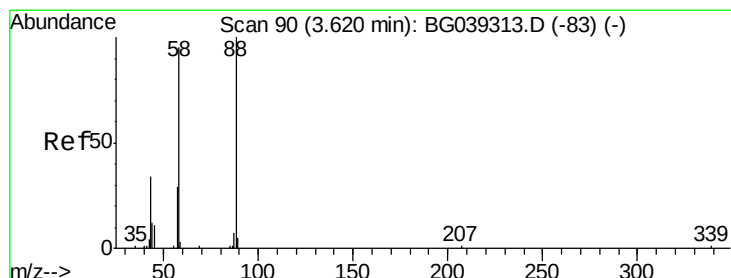
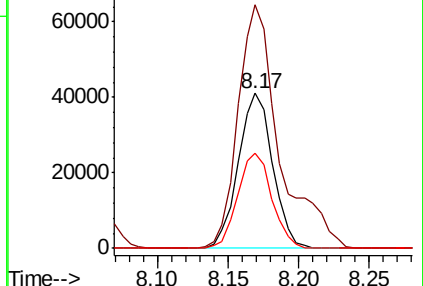
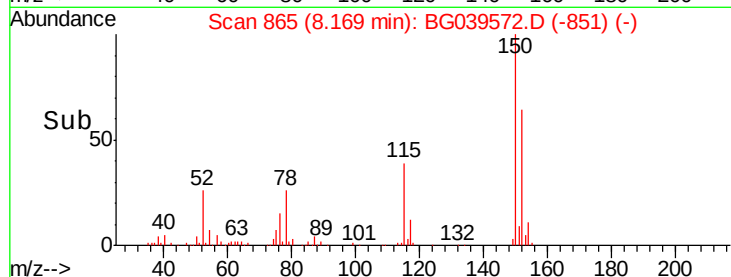
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69890
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 61.6 45.9 68.9



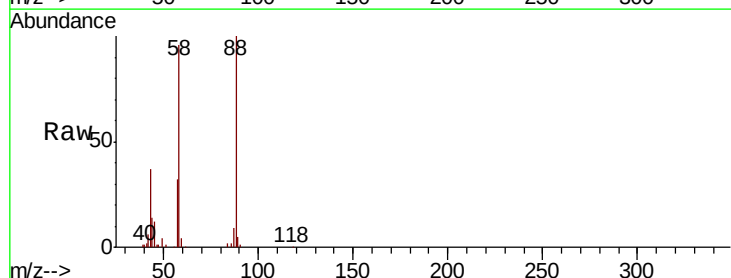
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



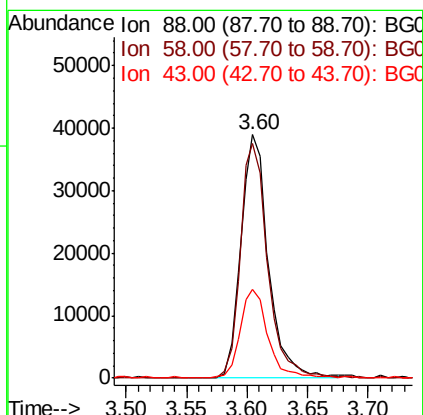
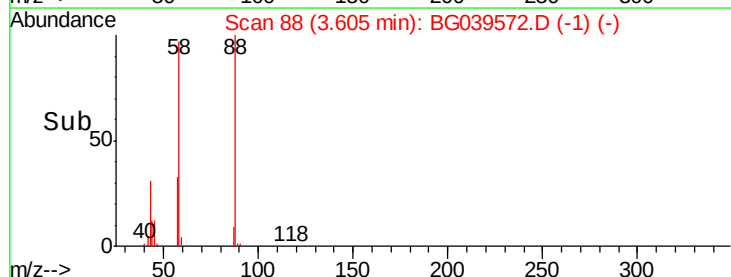
#2

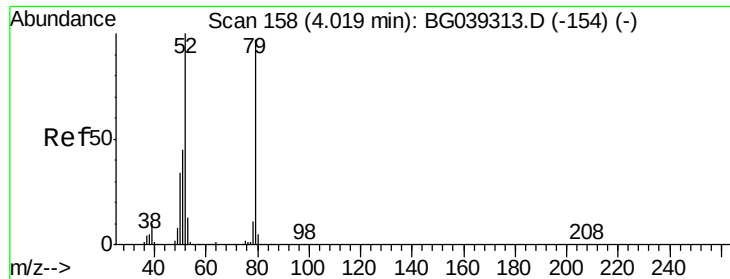
1,4-Dioxane
Concen: 34.589 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion: 88 Resp: 61784
Ion Ratio Lower Upper
88 100
58 95.6 81.1 121.7
43 36.7 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: 40.266 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

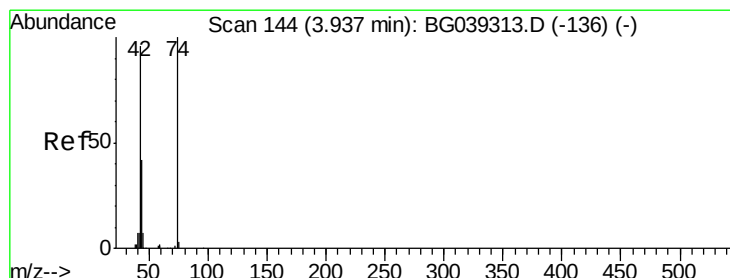
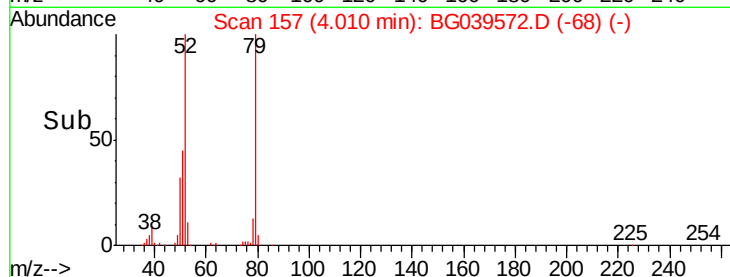
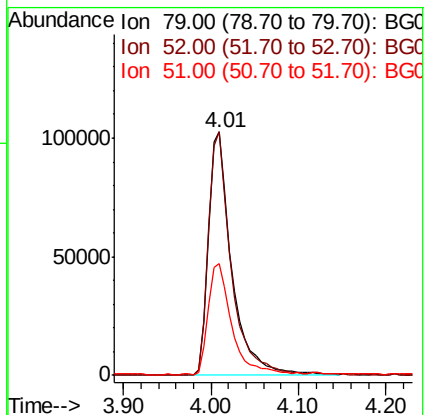
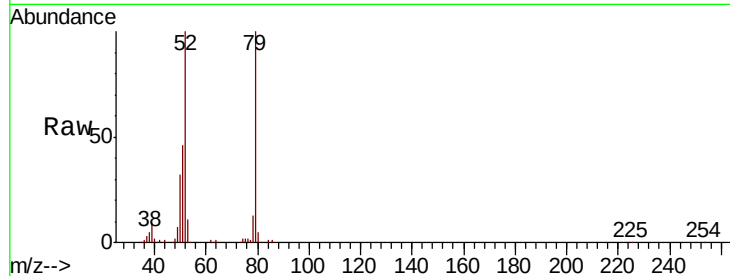
Tot Ion: 79 Resp: 190430

Ion Ratio Lower Upper

79 100

52 99.8 82.6 124.0

51 46.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 36.831 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

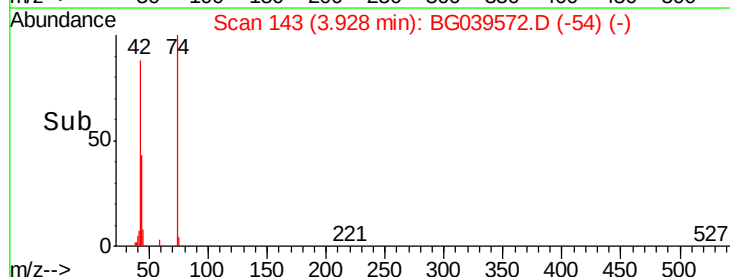
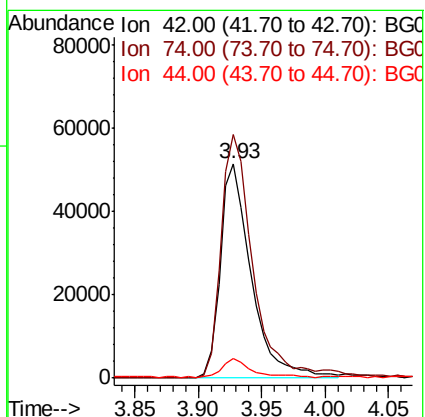
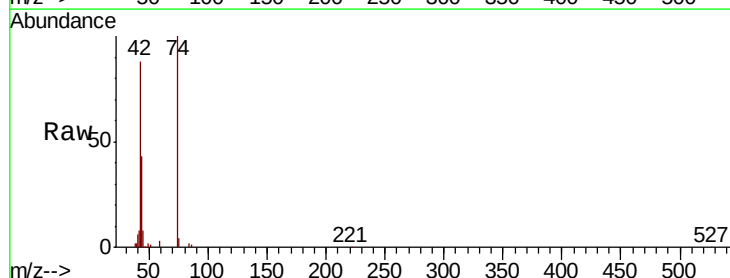
Tgt Ion: 42 Resp: 87111

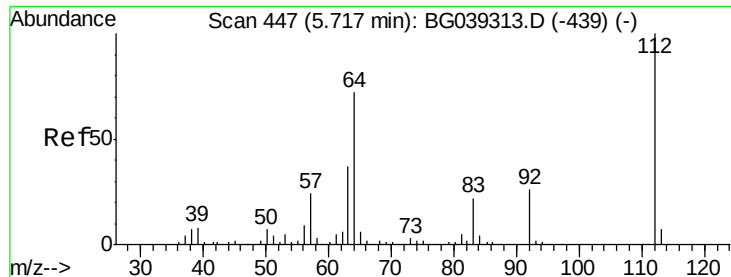
Ion Ratio Lower Upper

42 100

74 113.5 83.6 125.4

44 8.9 6.9 10.3





#5

2-Fluorophenol

Concen: 79.907 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampled :

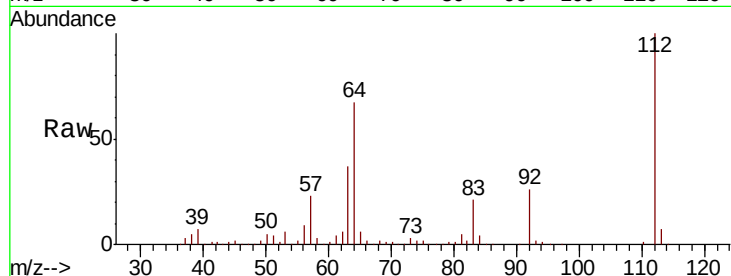
Tot Ion: 112 Resp: 326304

Ion Ratio Lower Upper

112 100

64 67.2 57.8 86.8

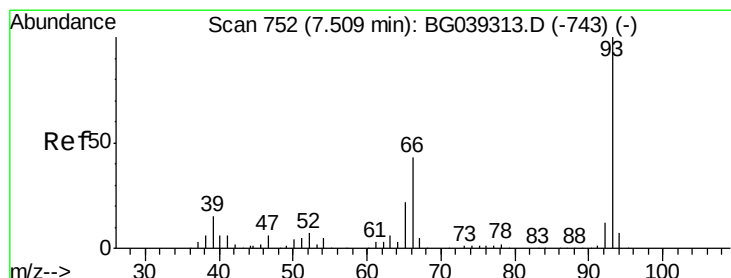
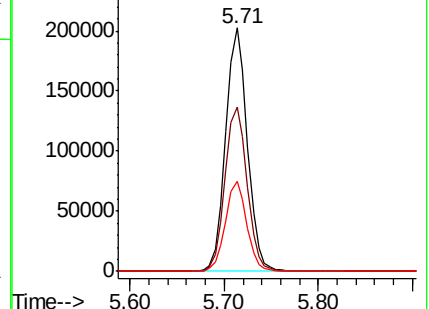
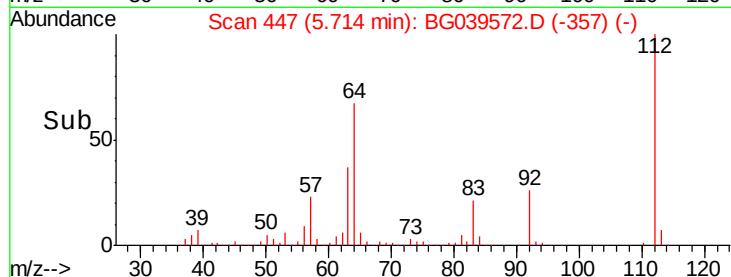
63 37.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.113 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

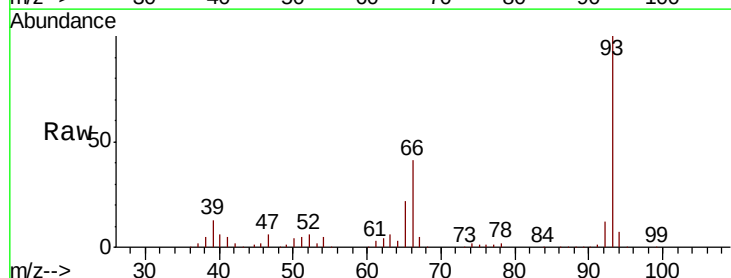
Tgt Ion: 93 Resp: 309543

Ion Ratio Lower Upper

93 100

66 40.8 34.2 51.4

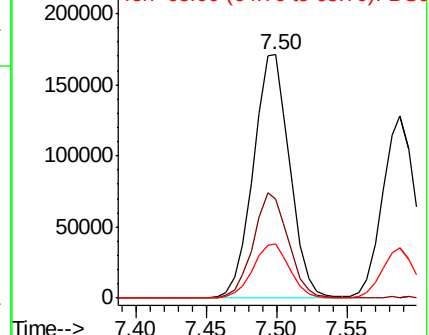
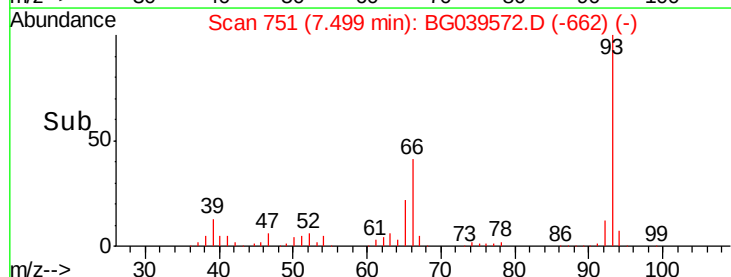
65 22.3 17.7 26.5

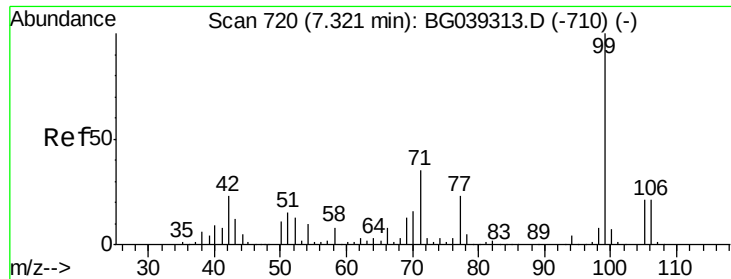


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.851 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

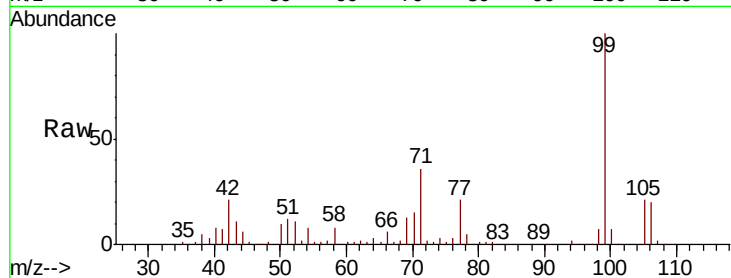
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 522047

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.2
71	35.6	28.0	42.0

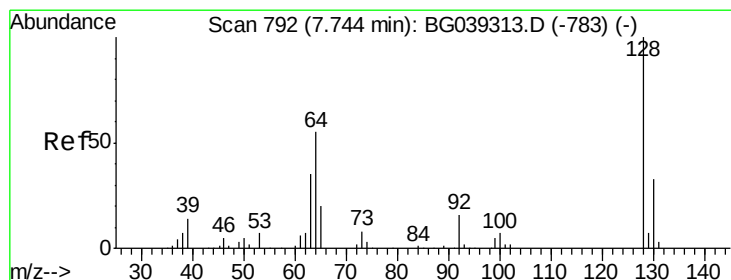
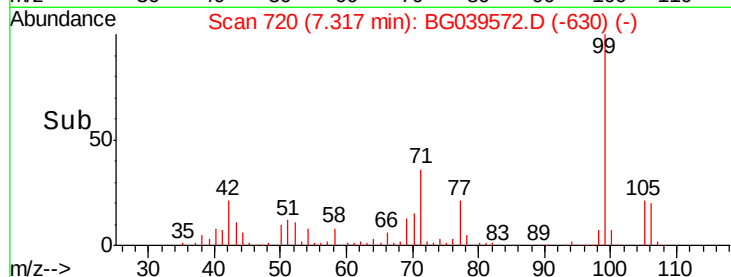
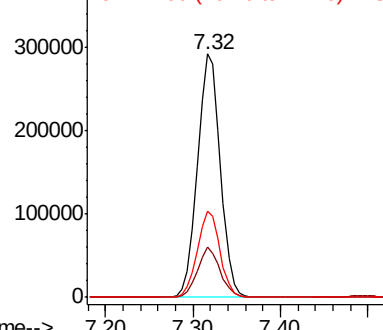


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.919 ng

RT: 7.73 min Scan# 790

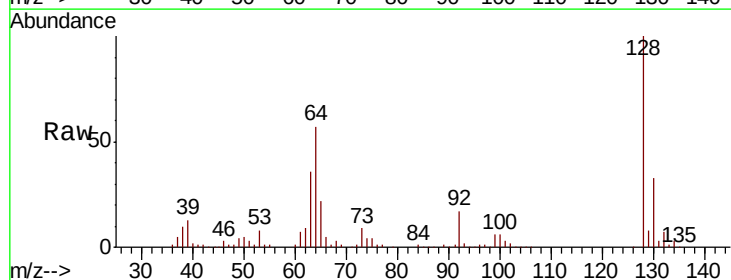
Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Tgt Ion: 128 Resp: 191575

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	56.9	38.7	78.7

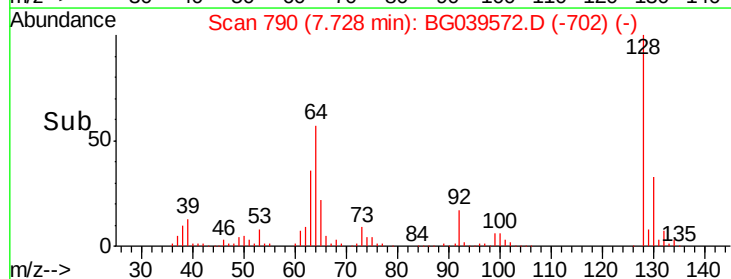
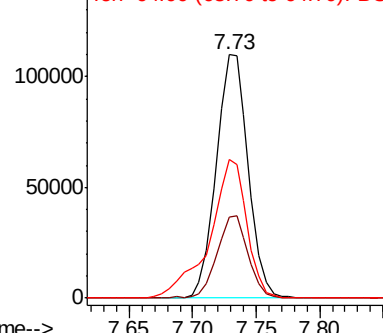


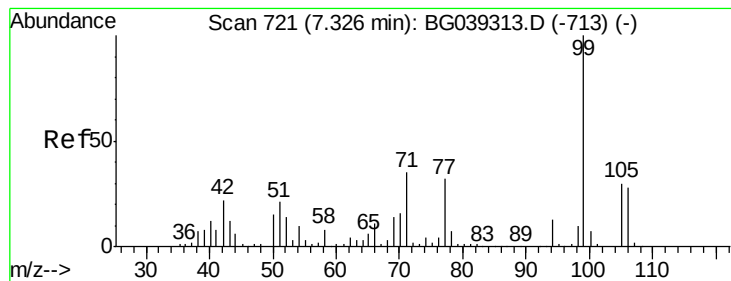
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 45.659 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampled :

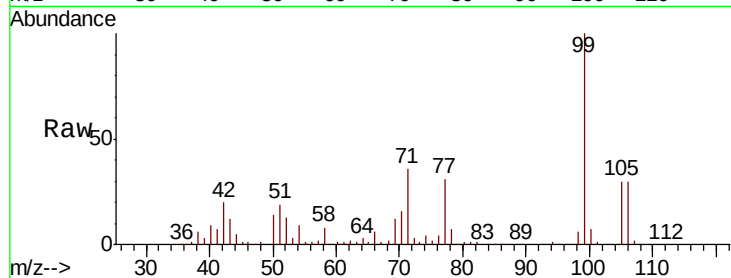
Tot Ion: 77 Resp: 131693

Ion Ratio Lower Upper

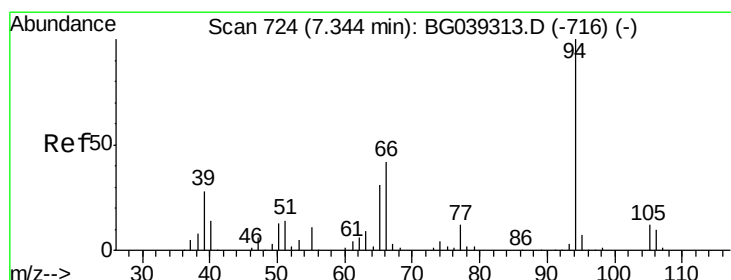
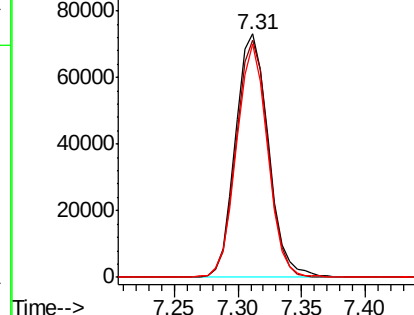
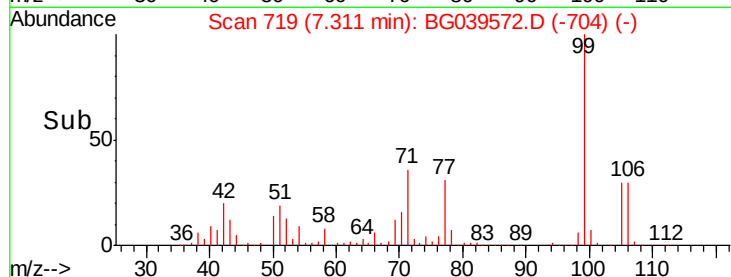
77 100

105 97.2 74.5 114.5

106 95.9 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: 43.280 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

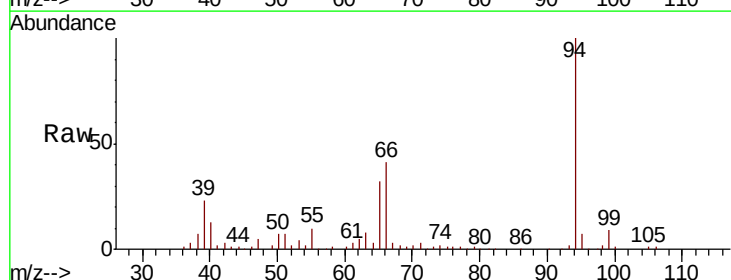
Tgt Ion: 94 Resp: 271184

Ion Ratio Lower Upper

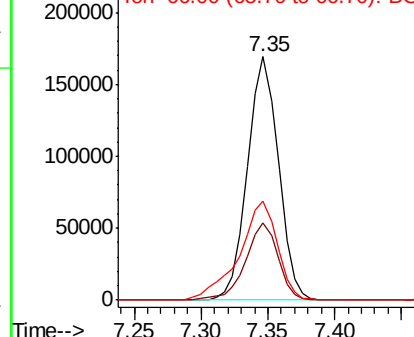
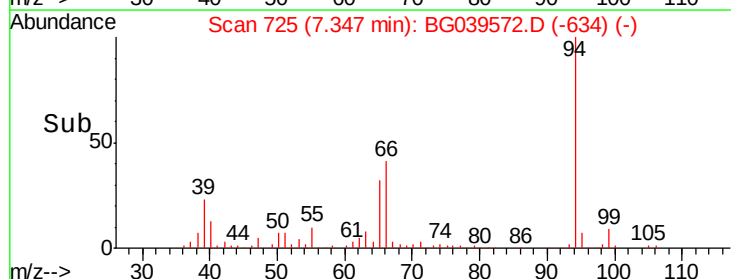
94 100

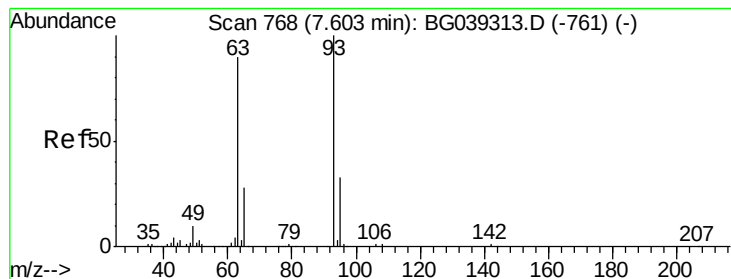
65 31.6 11.7 51.7

66 40.8 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: 41.913 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

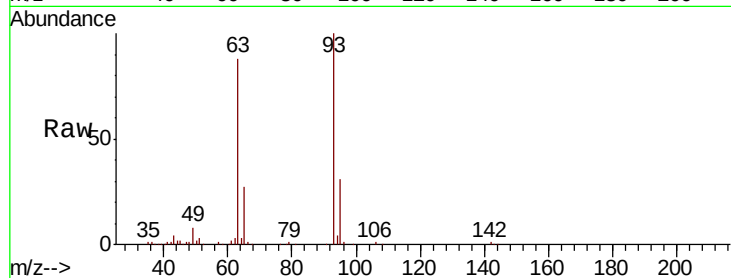
Tot Ion: 93 Resp: 207521

Ion Ratio Lower Upper

93 100

63 88.0 69.5 109.5

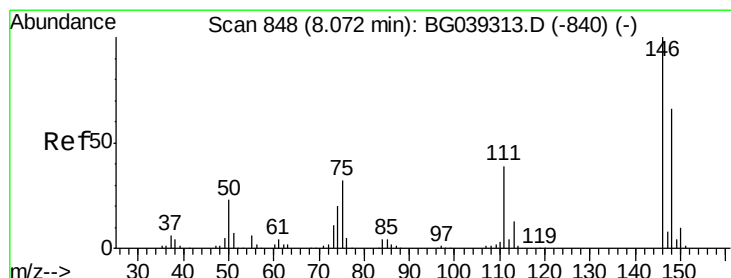
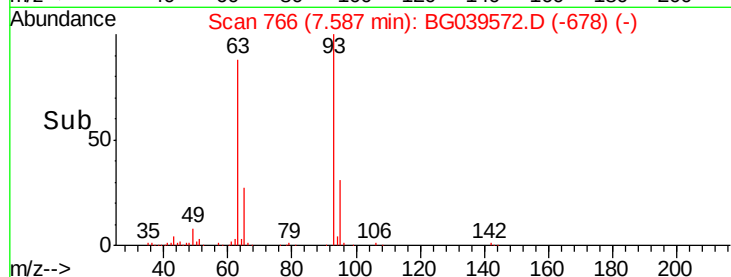
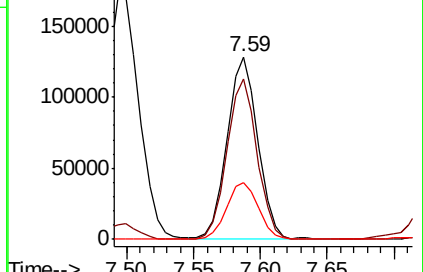
95 31.4 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BG039313.D (-761) (-)

Ion 63.00 (62.70 to 63.70): BG039313.D (-761) (-)

Ion 95.00 (94.70 to 95.70): BG039313.D (-761) (-)



#12

1,3-Dichlorobenzene

Concen: 39.685 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

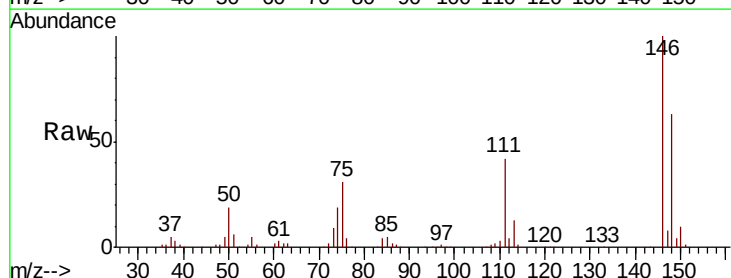
Tgt Ion: 146 Resp: 214594

Ion Ratio Lower Upper

146 100

148 63.3 52.6 79.0

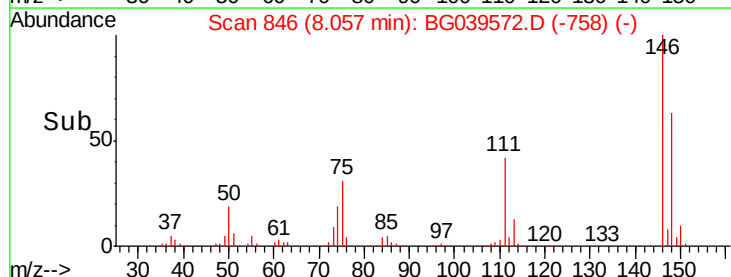
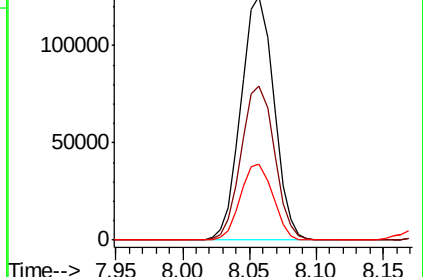
75 31.2 25.8 38.6

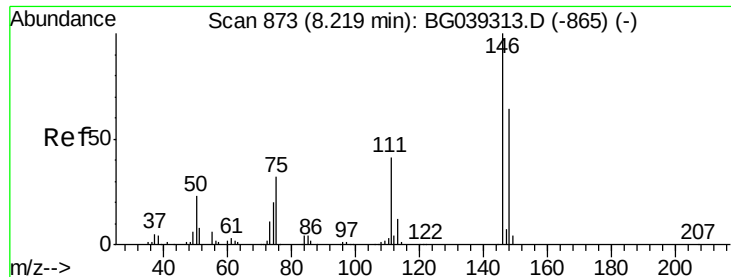


Abundance Ion 146.00 (145.70 to 146.70): BG039313.D (-840) (-)

Ion 148.00 (147.70 to 148.70): BG039313.D (-840) (-)

Ion 75.00 (74.70 to 75.70): BG039313.D (-840) (-)

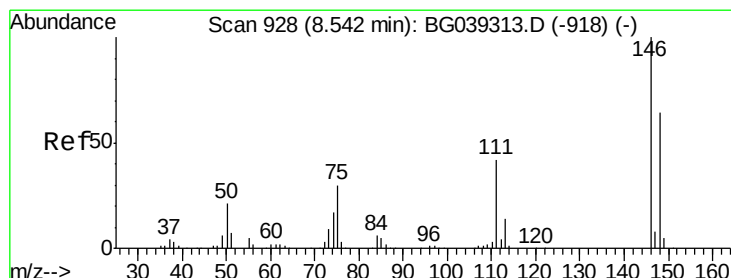
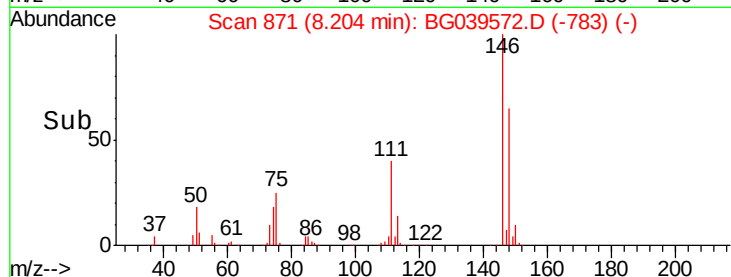
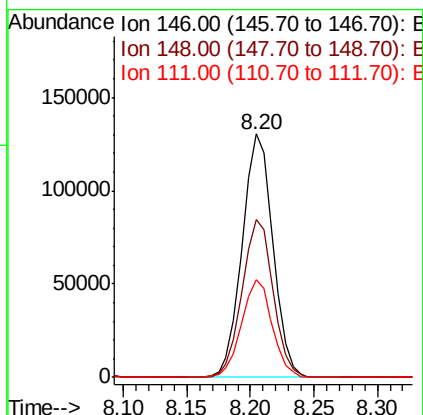
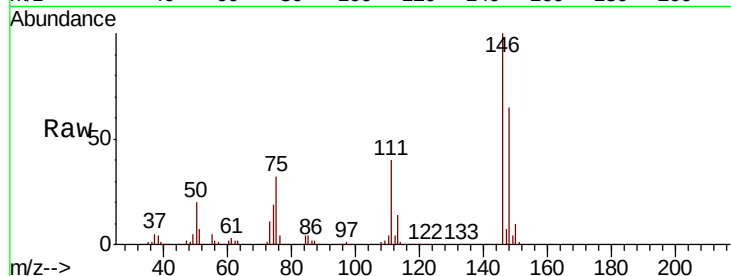




#13
 1,4-Dichlorobenzene
 Concen: 40.709 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.02 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

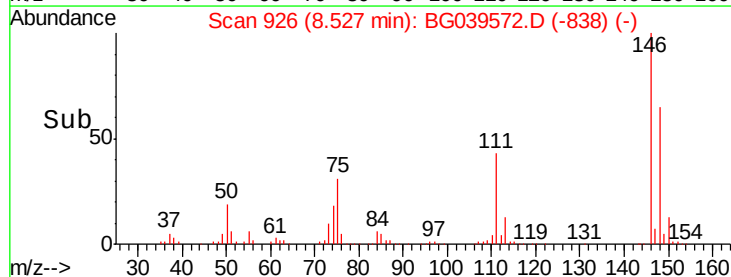
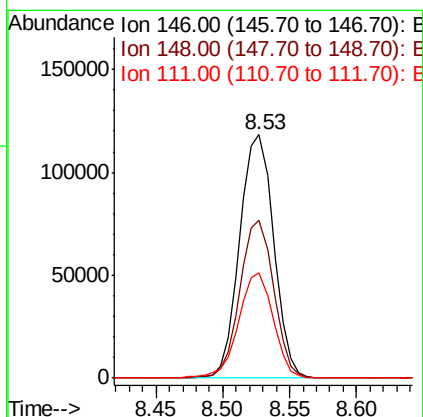
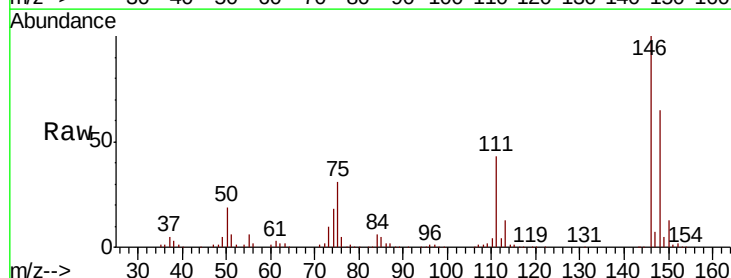
Instrument :
 BNA_G
 ClientSampleId :

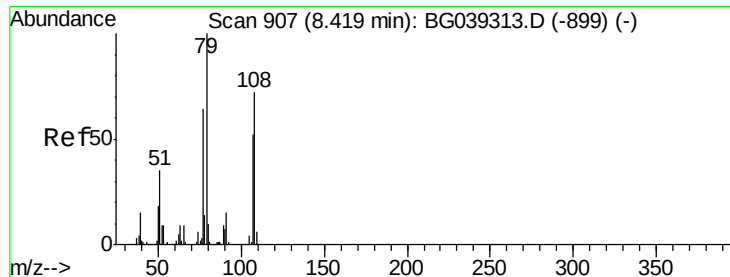
Tot Ion:146 Resp: 219410
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 40.0 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 39.966 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Tgt Ion:146 Resp: 208527
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.5 77.3
 111 43.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 43.527 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

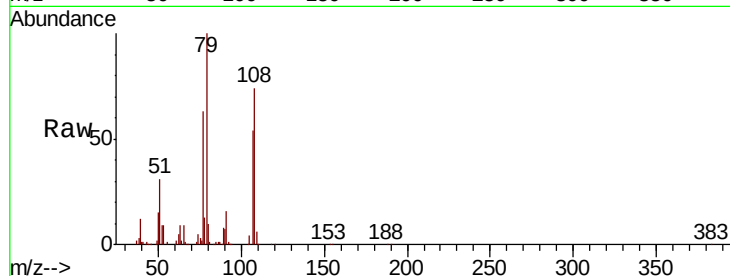
Tot Ion: 79 Resp: 205406

Ion Ratio Lower Upper

79 100

108 73.7 57.8 86.6

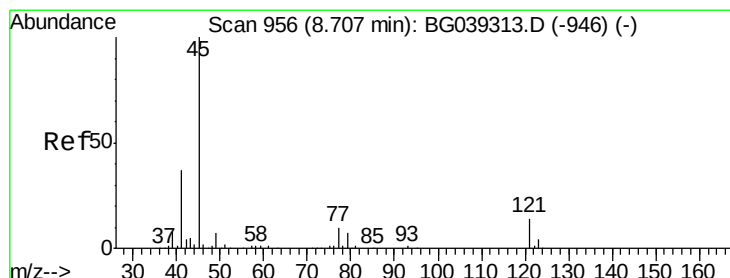
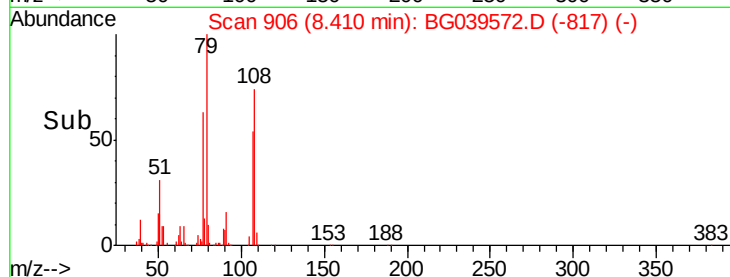
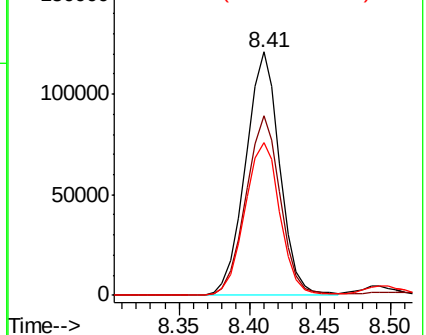
77 62.7 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.689 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

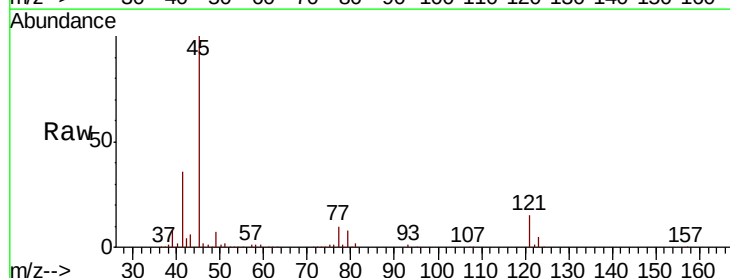
Tgt Ion: 45 Resp: 399035

Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.0

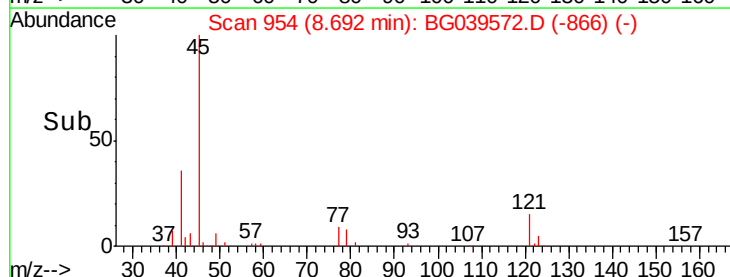
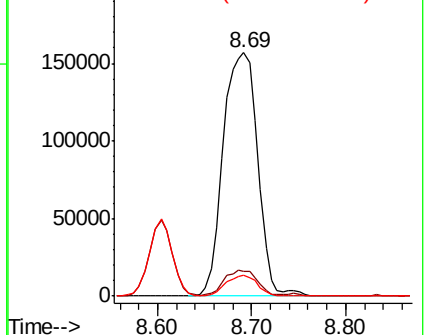
79 8.4 0.0 27.5

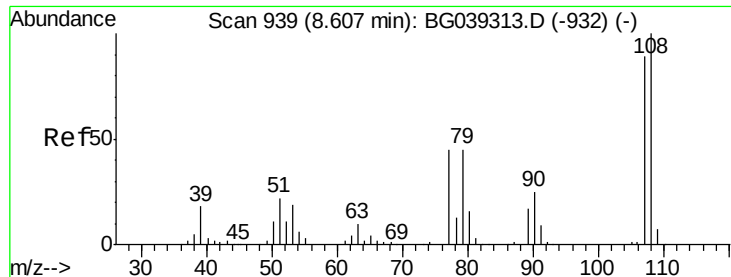


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

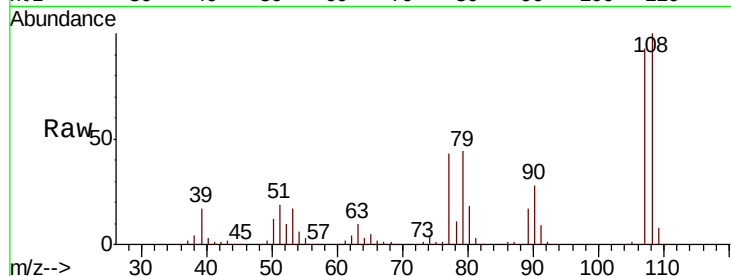




#17
2-Methylphenol
Concen: 44.270 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	90.8	136.2
77	46.4	40.7	61.1
79	47.2	40.6	60.8



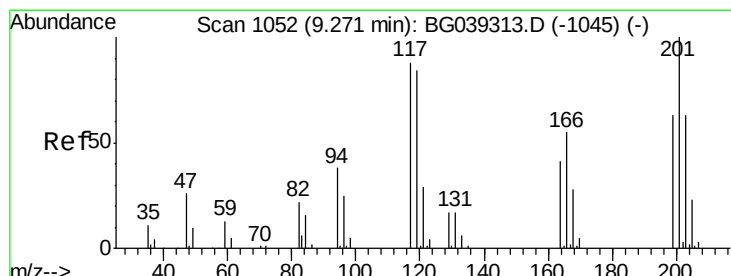
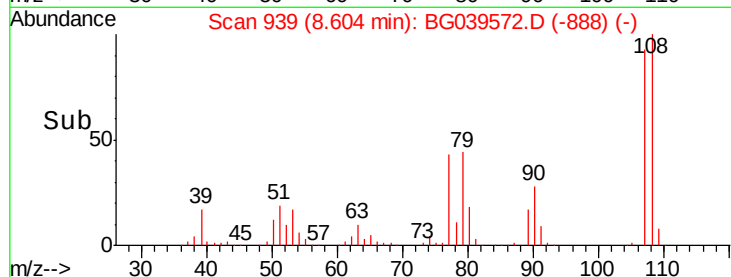
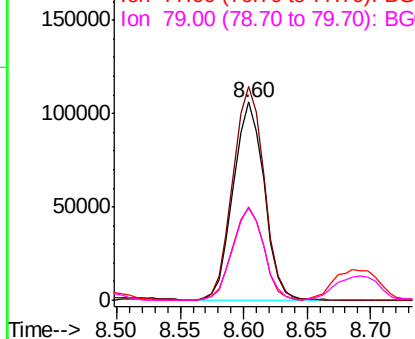
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

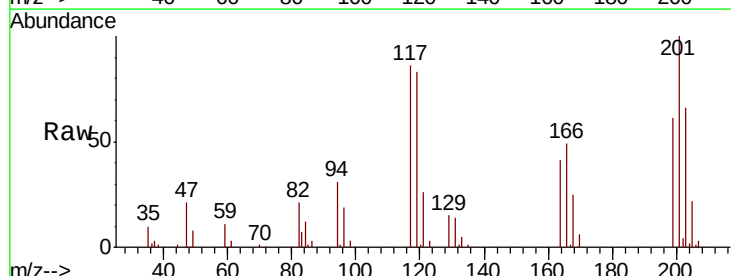
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.910 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.3	114.5
201	115.7	91.1	136.7

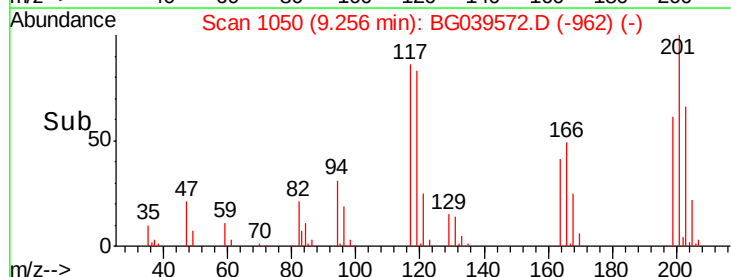
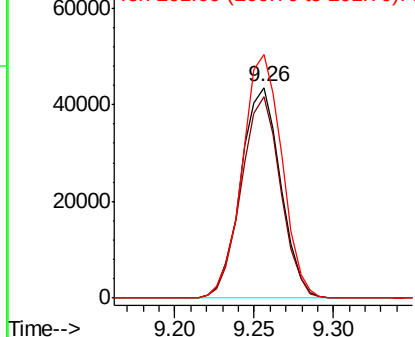


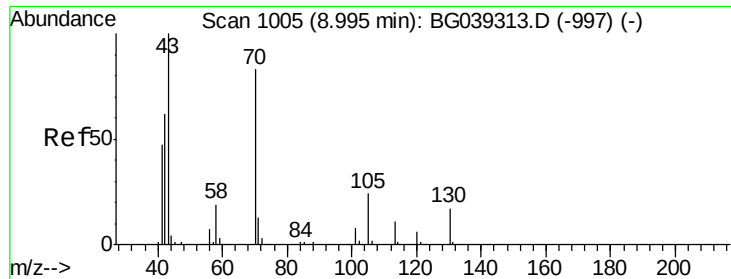
Abundance

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

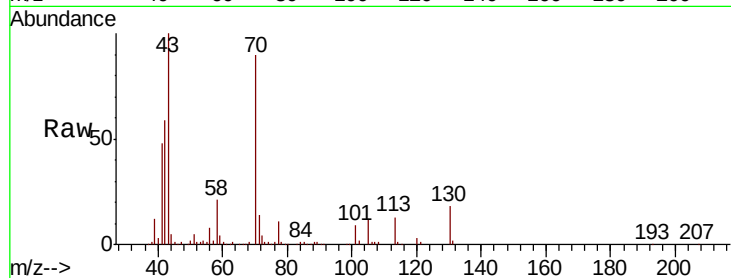




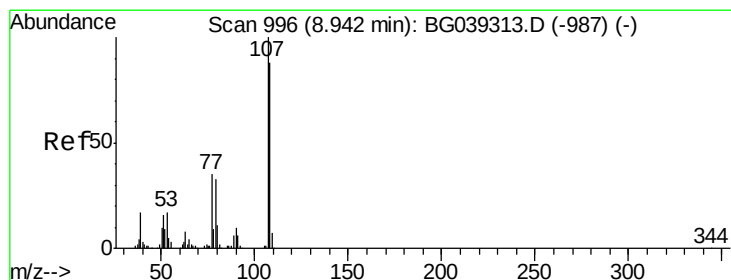
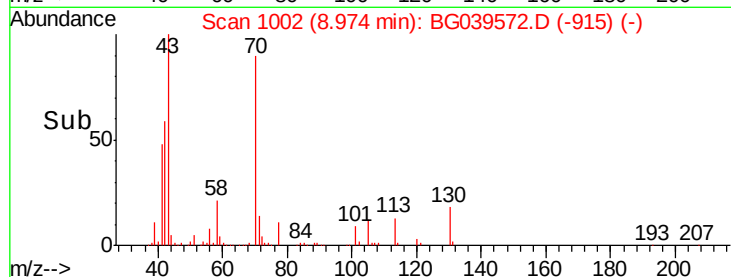
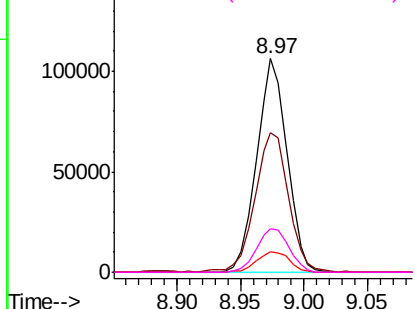
#19
n-Nitroso-di-n-propylamine
Concen: 41.543 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	177235
Ion	Ratio	Lower	Upper
70	100		
42	65.2	60.4	90.6
101	9.7	7.5	11.3
130	20.3	16.9	25.3

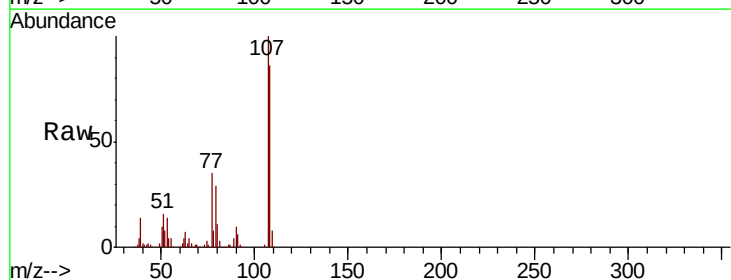


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

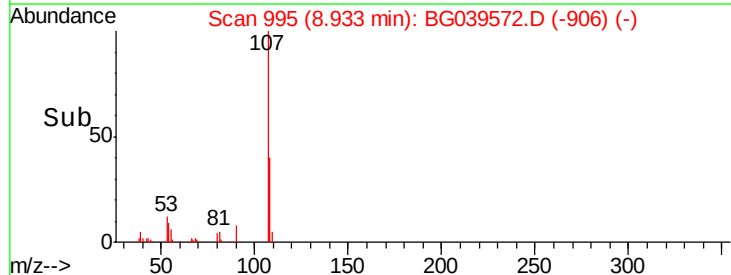
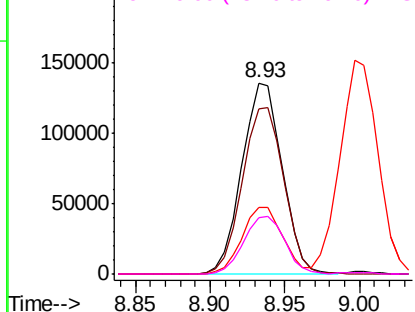


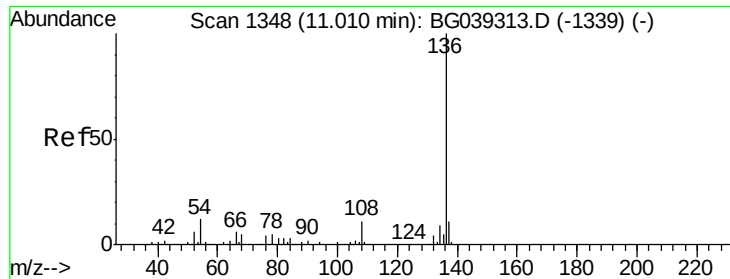
#20
3+4-Methylphenols
Concen: 45.391 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion:	107	Resp:	253452
Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.9	107.9
77	35.0	15.4	55.4
79	29.2	13.7	53.7



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

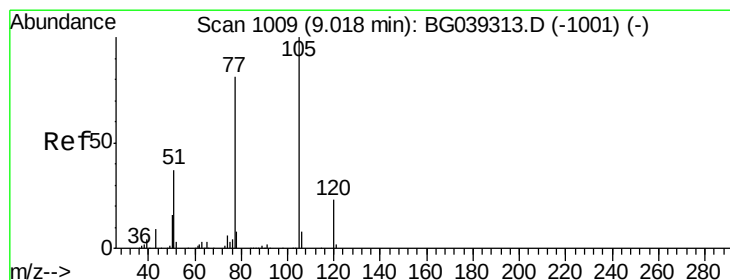
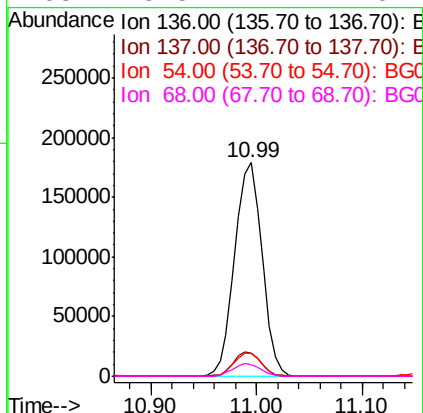
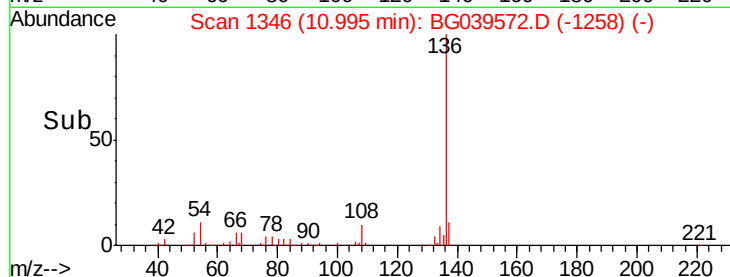
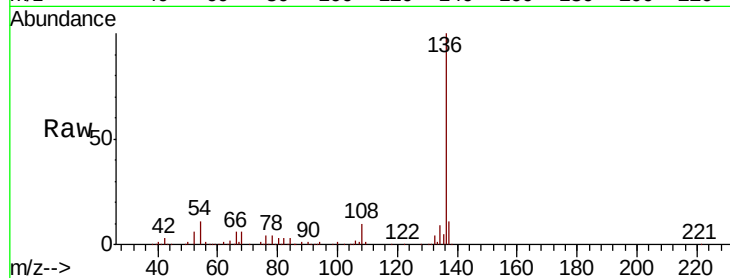




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

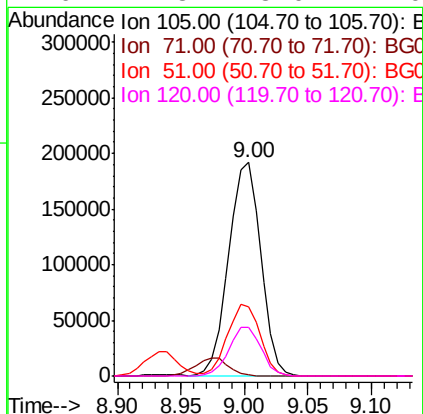
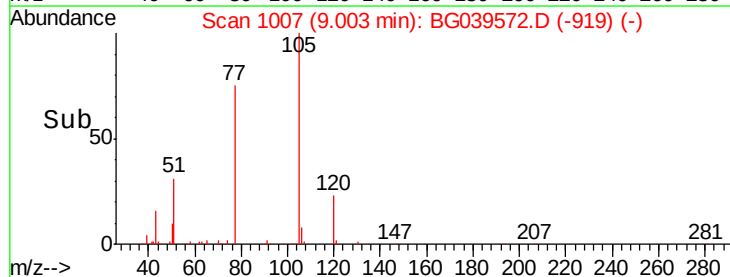
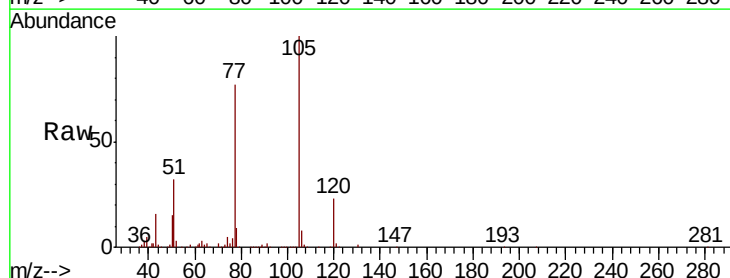
Instrument :
BNA_G
ClientSampled :

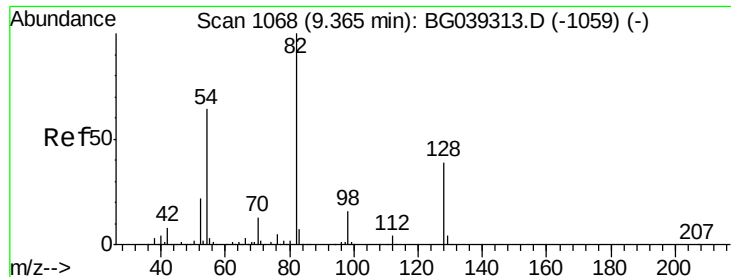
Tot Ion:136	Resp:	321079
Ion Ratio	Lower	Upper
136 100		
137 10.6	9.1	13.7
54 10.7	9.4	14.2
68 5.5	4.2	6.4



#22
Acetophenone
Concen: 39.169 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt	Ion:105	Resp:	337821
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	32.2	30.2	45.2
120	22.8	18.0	27.0

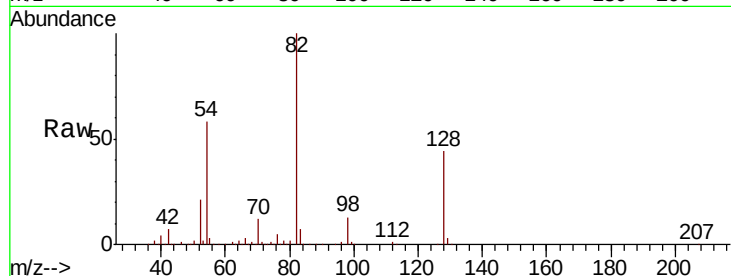




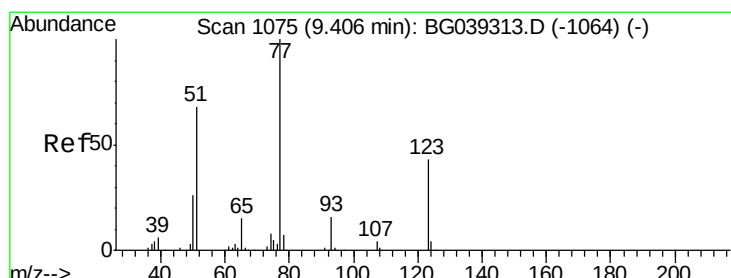
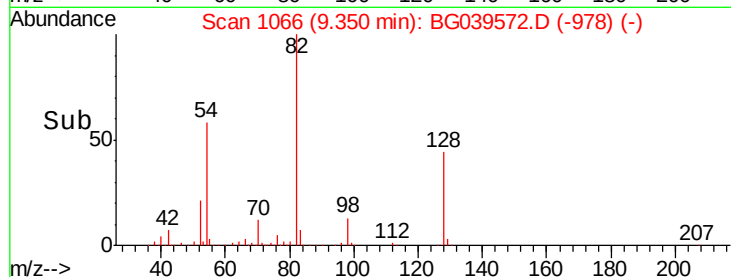
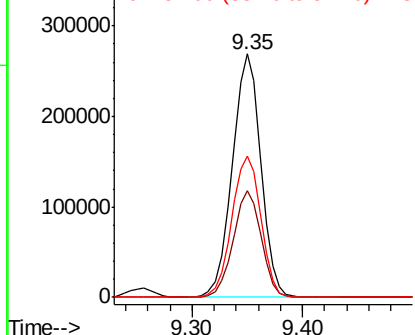
#23
Nitrobenzene-d5
Concen: 94.856 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	58.1	50.9	76.3

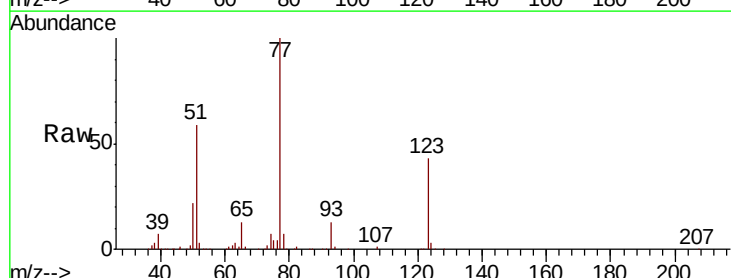


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

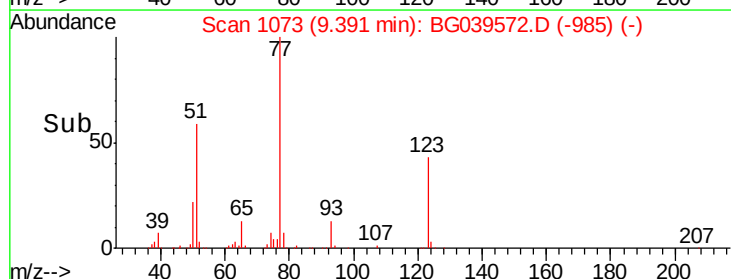
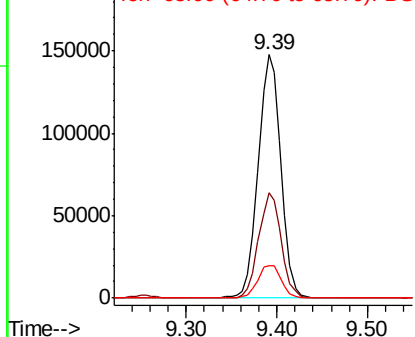


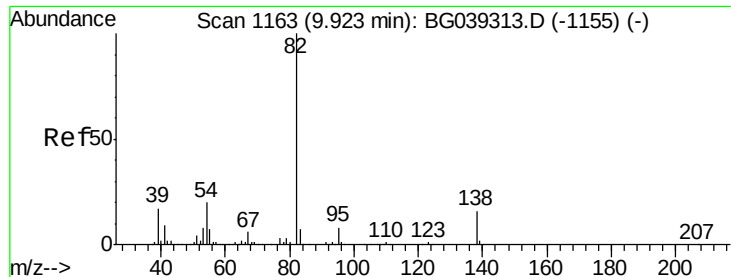
#24
Nitrobenzene
Concen: 46.002 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.1	51.1
65	13.4	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: 39.085 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

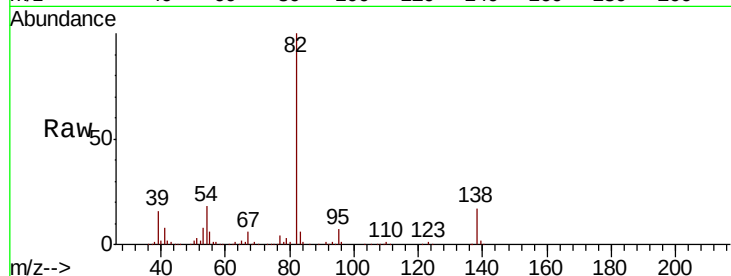
Tot Ion: 82 Resp: 445150

Ion Ratio Lower Upper

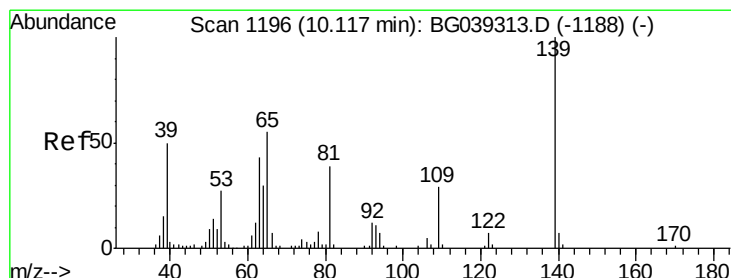
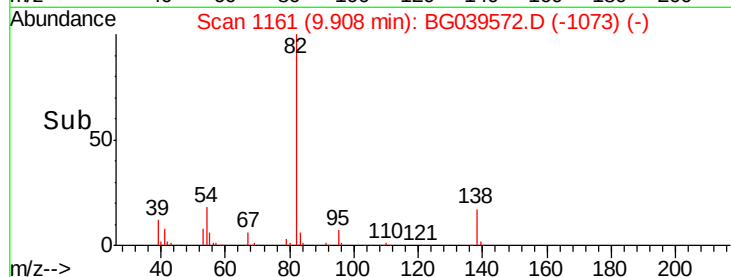
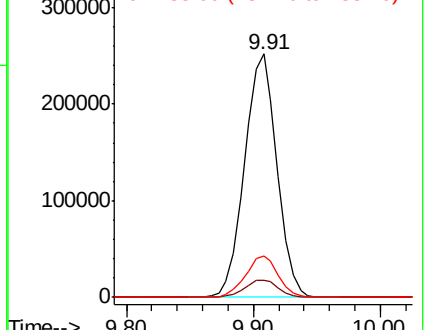
82 100

95 7.0 6.2 9.2

138 16.9 13.0 19.4



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



#26

2-Nitrophenol

Concen: 55.732 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

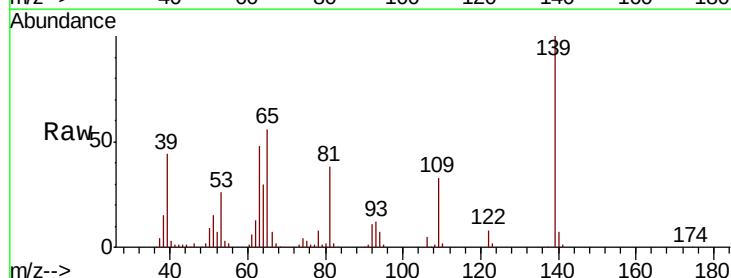
Tgt Ion: 139 Resp: 127591

Ion Ratio Lower Upper

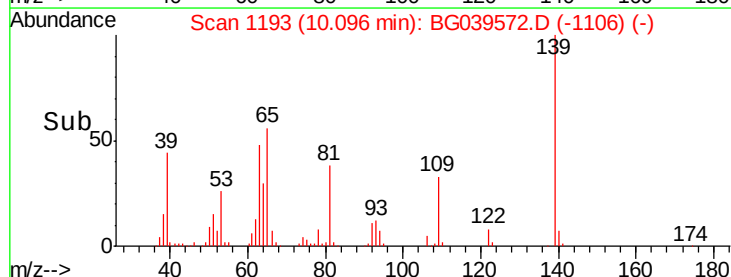
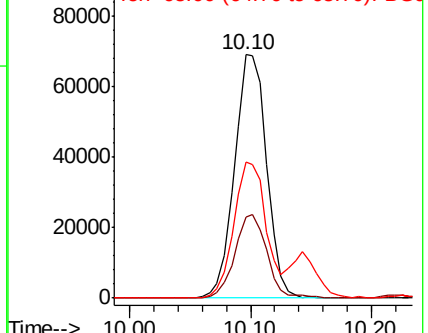
139 100

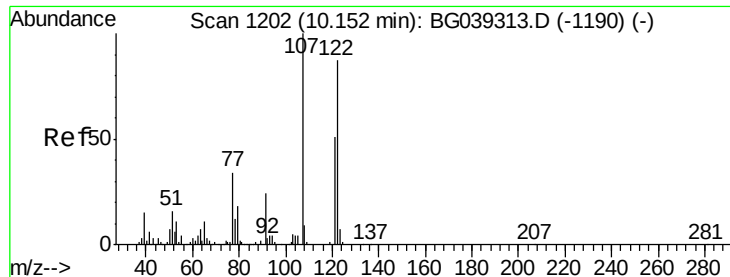
109 33.3 23.4 35.0

65 56.0 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

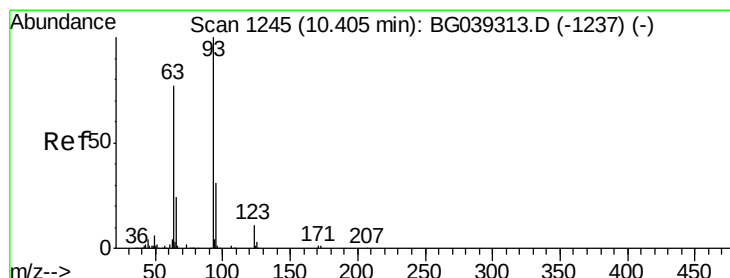
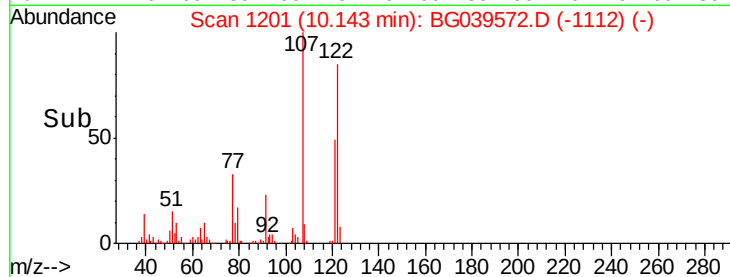
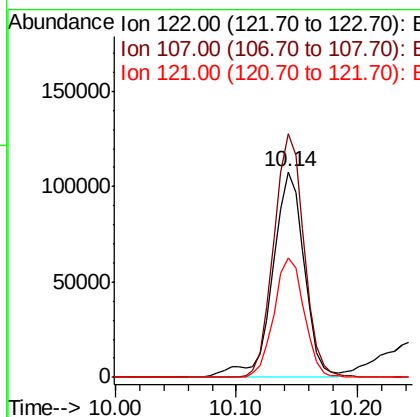
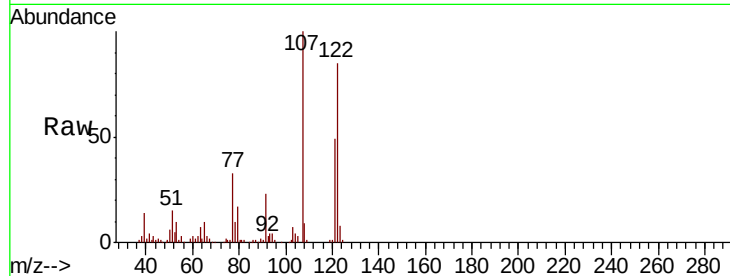




#27
 2,4-Dimethylphenol
 Concen: 42.096 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

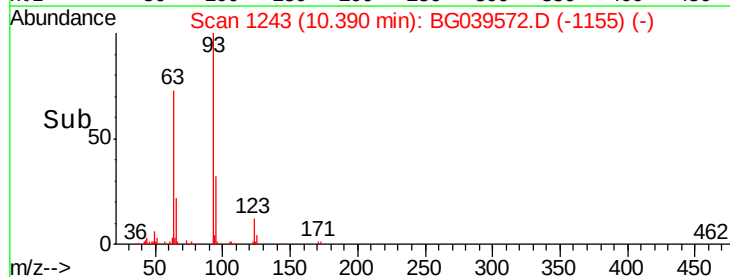
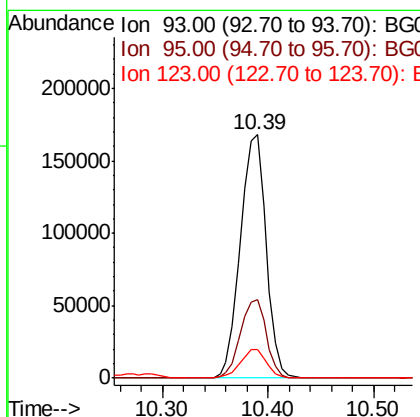
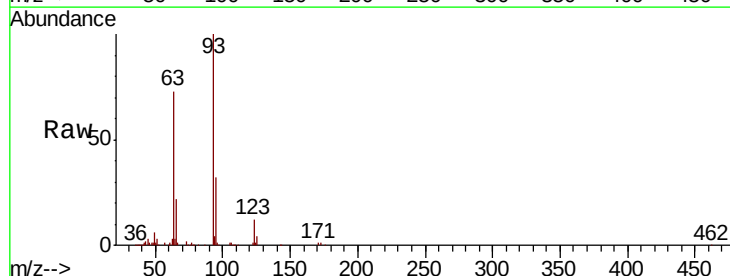
Instrument :
 BNA_G
 ClientSampleId :

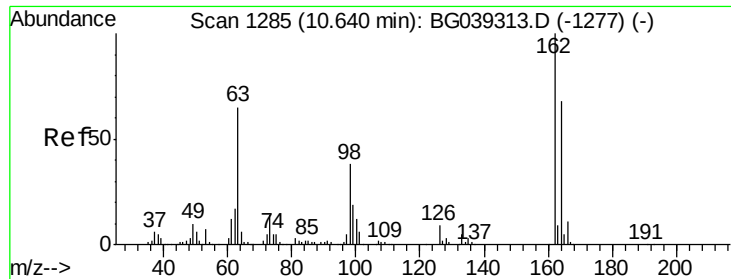
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.3	91.7	137.5
121	58.3	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.426 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.0	37.4
123	11.6	8.6	12.8

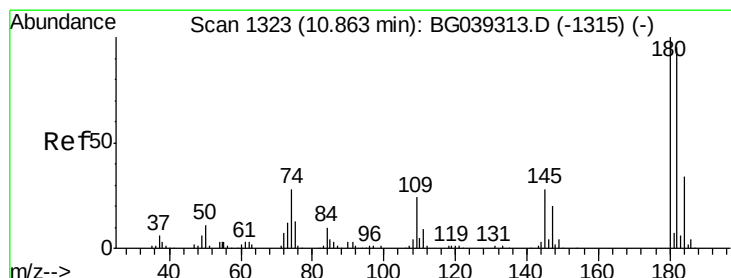
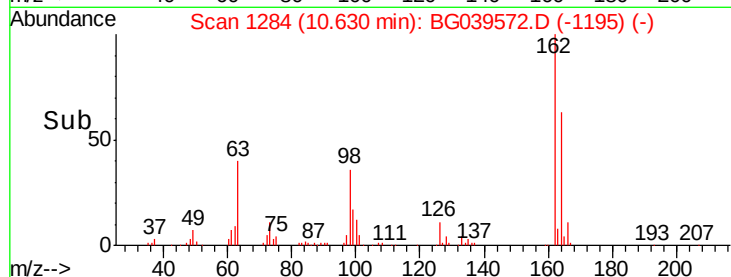
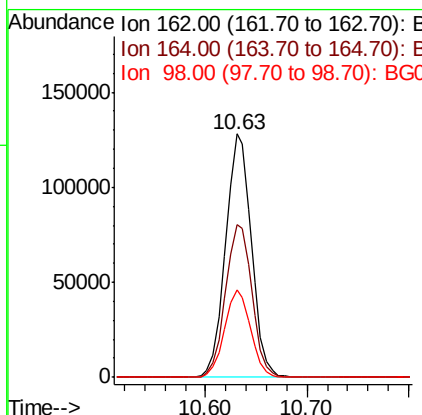
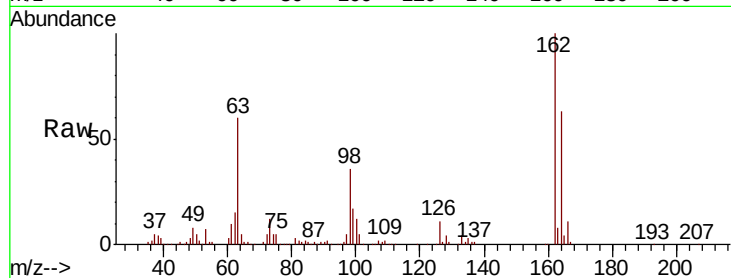




#29
 2,4-Dichlorophenol
 Concen: 44.766 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

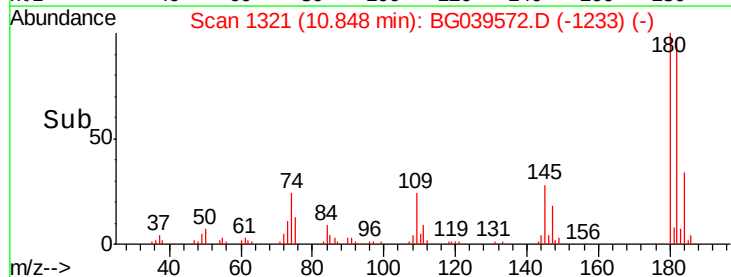
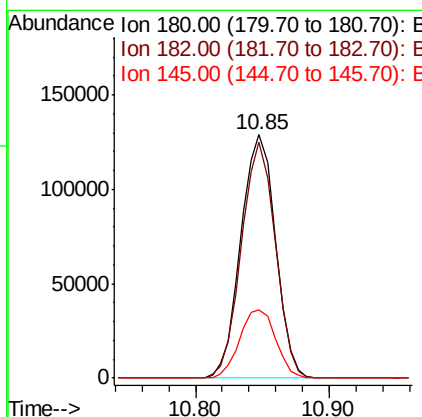
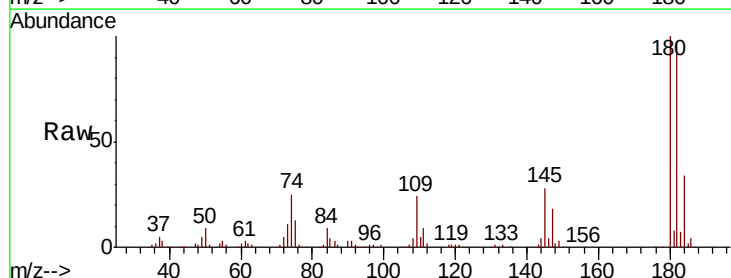
Instrument :
 BNA_G
 ClientSampleId :

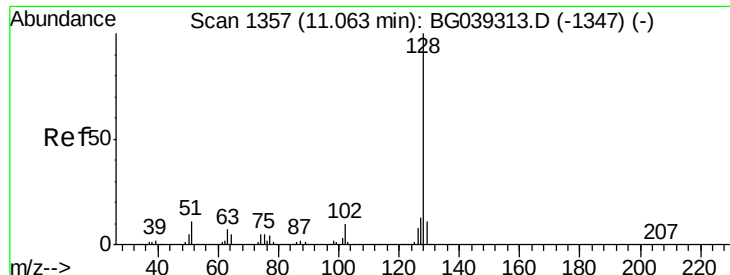
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	48.1	88.1
98	35.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.887 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.0	114.0
145	28.0	22.7	34.1

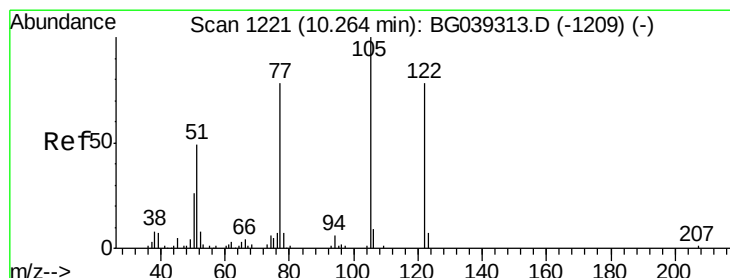
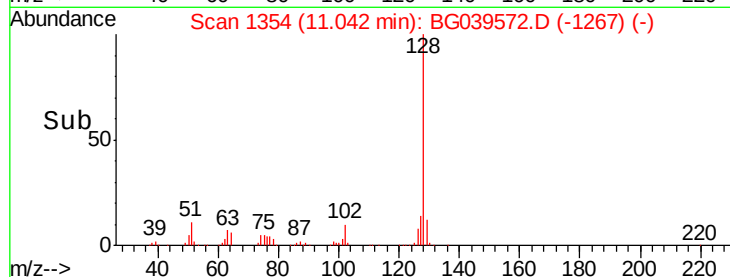
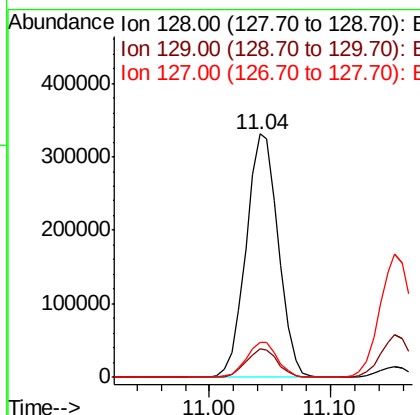
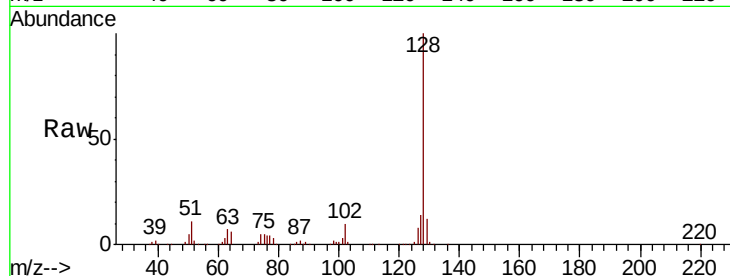




#31
Naphthalene
Concen: 38.480 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

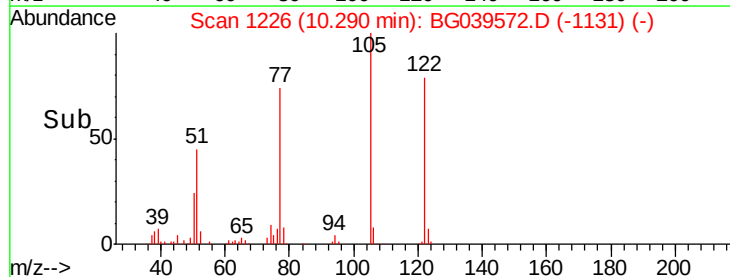
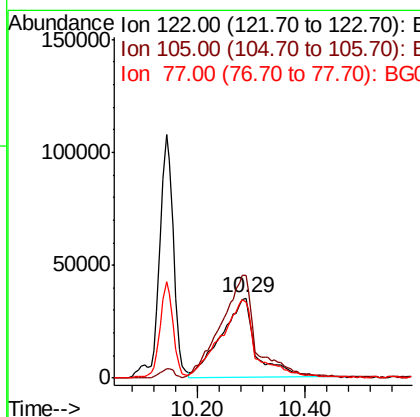
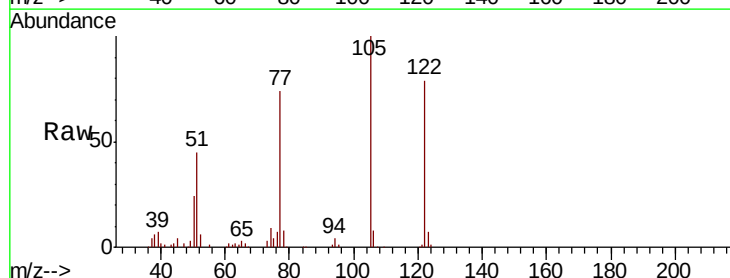
Instrument :
BNA_G
ClientSampled :

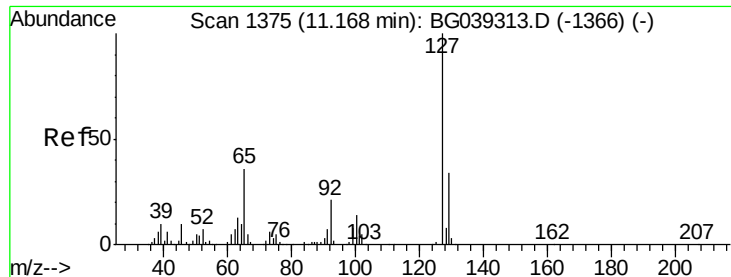
Tot Ion:128 Resp: 612936
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.1 10.8 16.2



#32
Benzoic acid
Concen: 52.086 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.03 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion:122 Resp: 159995
Ion Ratio Lower Upper
122 100
105 127.2 101.8 141.8
77 94.4 76.3 116.3

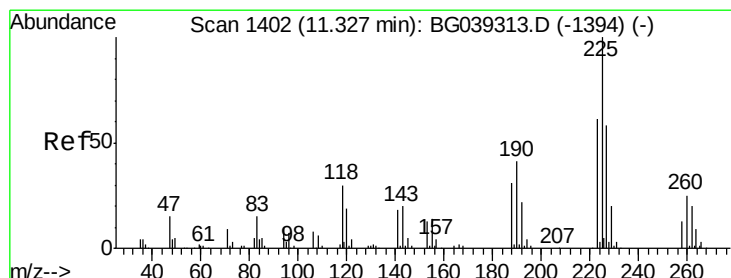
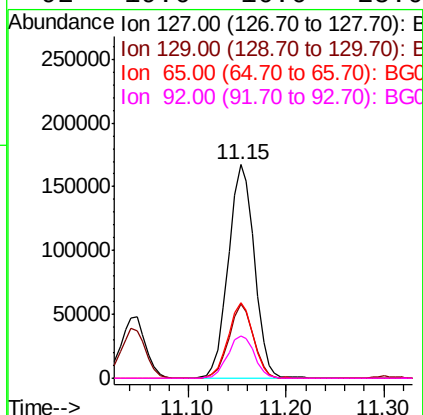
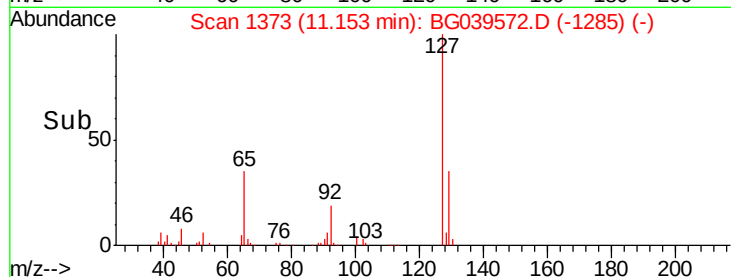
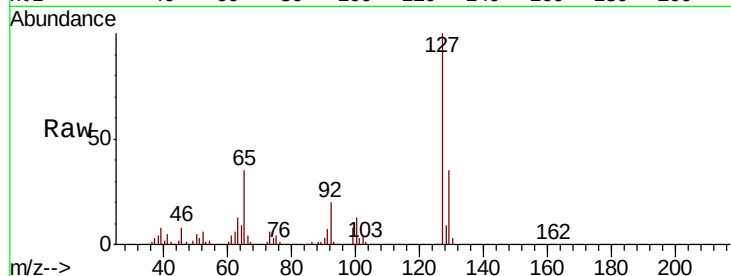




#33
4-Chloroaniline
Concen: 41.920 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

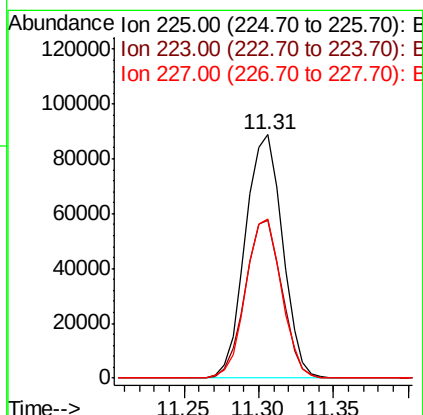
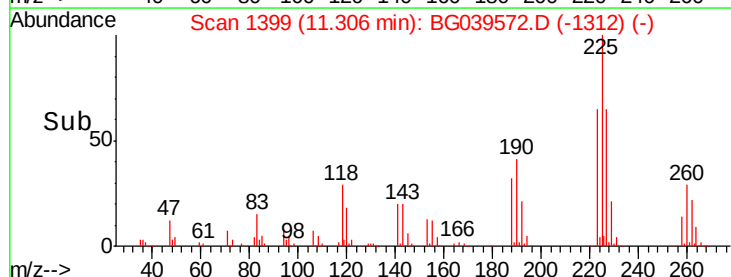
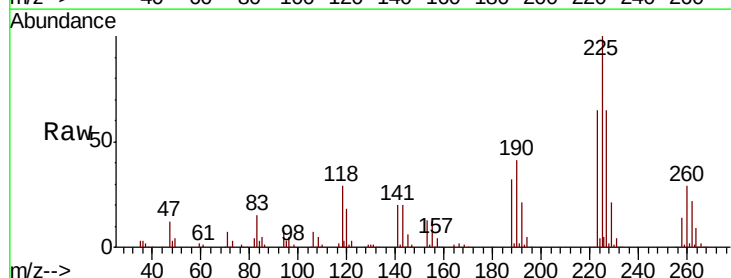
Instrument :
BNA_G
ClientSampled :

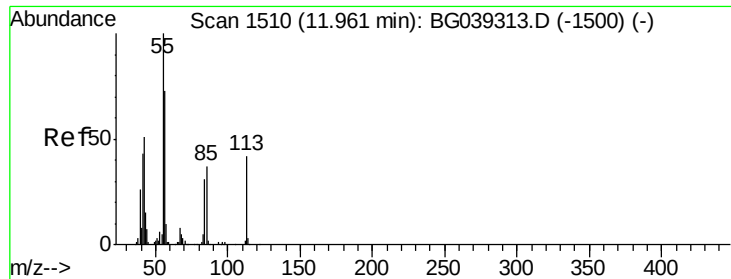
Tot Ion:	127	Resp:	309604
Ion	Ratio	Lower	Upper
127	100		
129	34.6	27.0	40.4
65	35.2	28.8	43.2
92	19.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.762 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion:	225	Resp:	153248
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.0	73.6
227	65.2	46.3	69.5

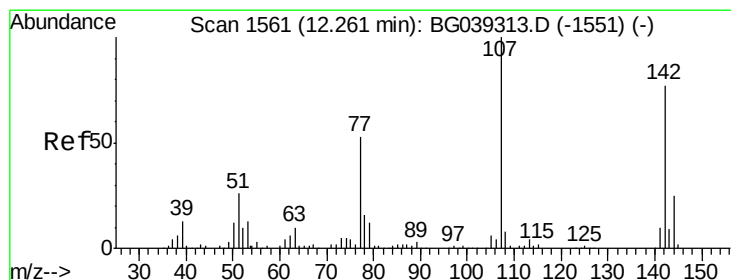
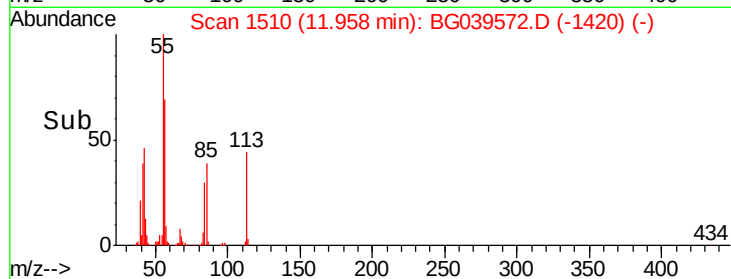
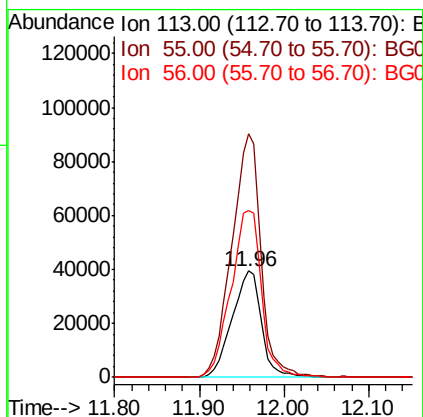
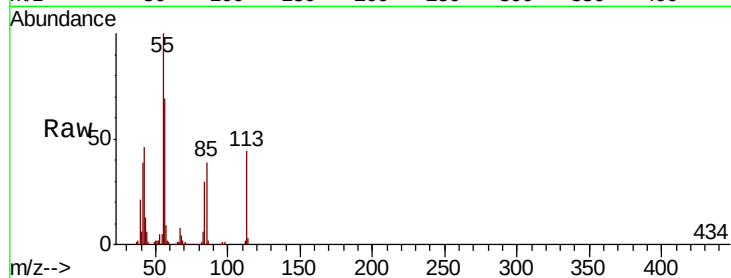




#35
 Caprolactam
 Concen: 45.198 ng
 RT: 11.96 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

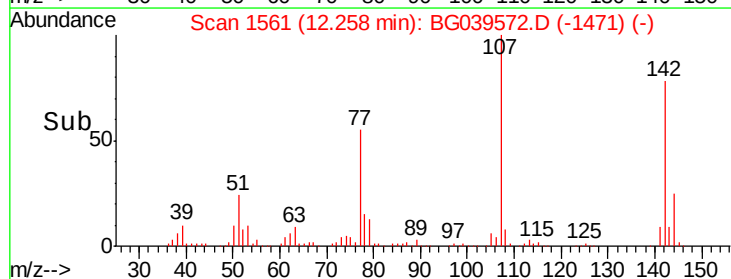
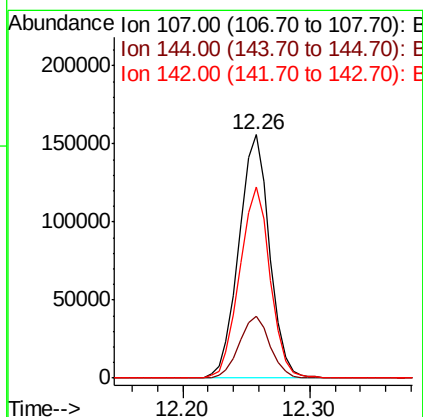
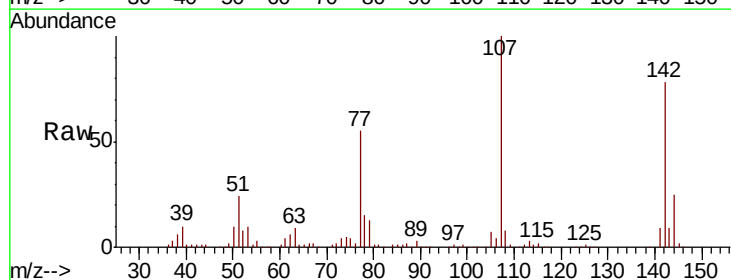
Instrument :
 BNA_G
 ClientSampleId :

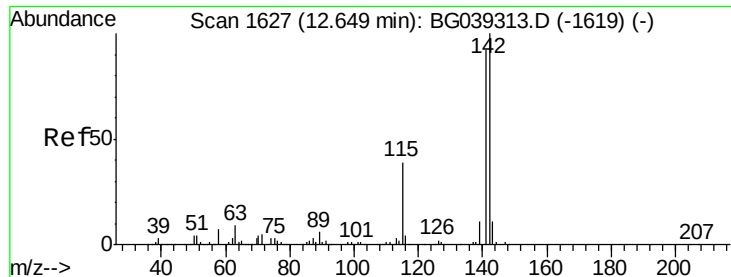
Tot Ion:113 Resp: 94178
 Ion Ratio Lower Upper
 113 100
 55 229.2 216.9 256.9
 56 157.0 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.959 ng
 RT: 12.26 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Tgt Ion:107 Resp: 261818
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 78.4 61.4 92.2

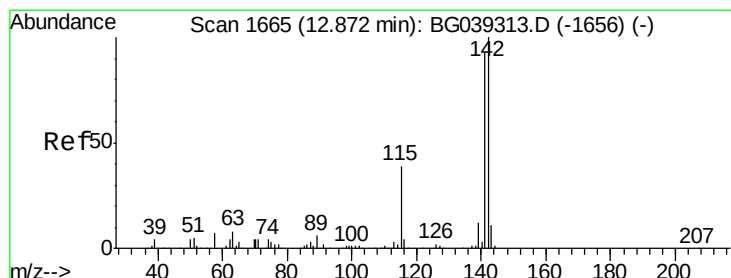
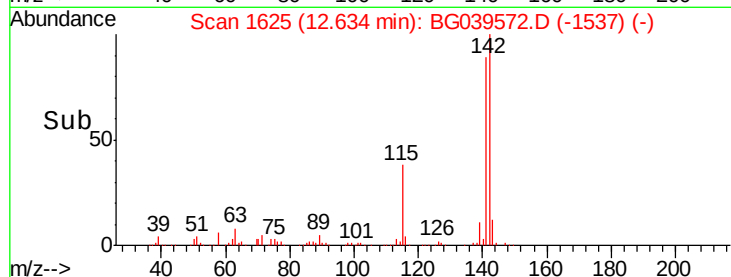
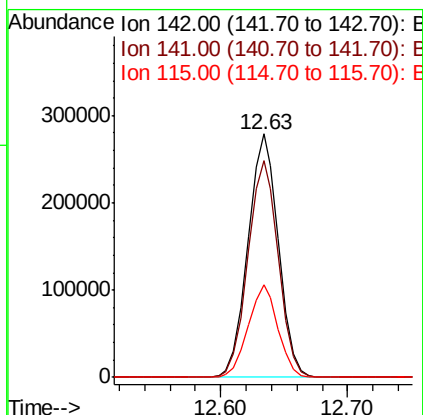
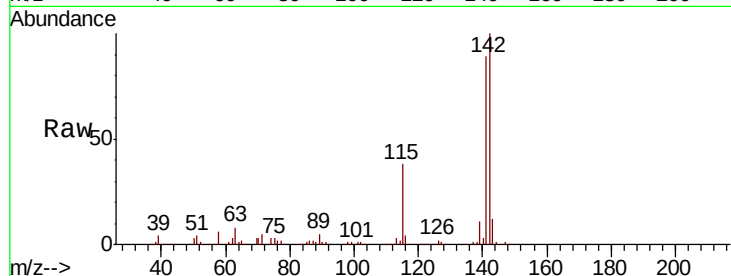




#37
2-Methylnaphthalene
Concen: 39.261 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

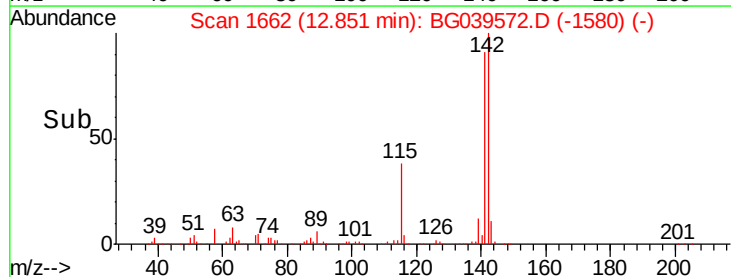
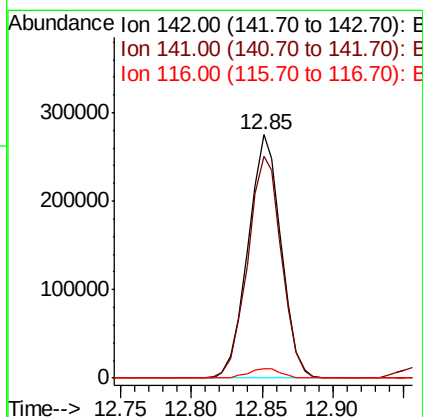
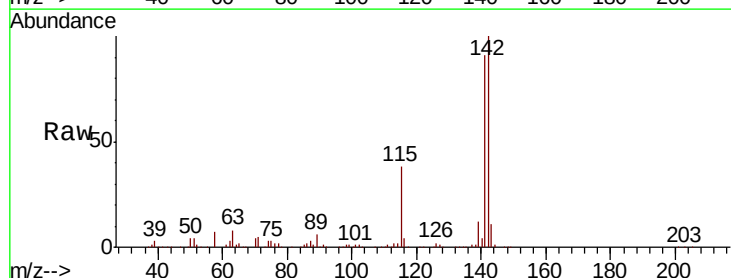
Instrument :
BNA_G
ClientSampleId :

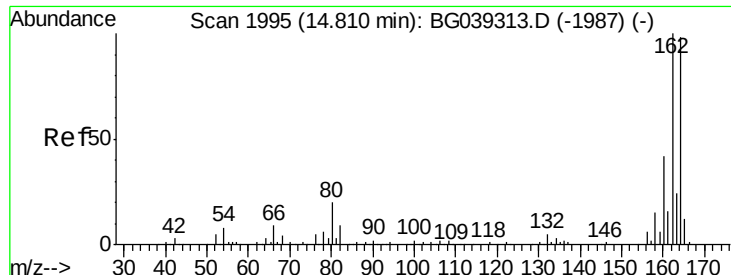
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.5	110.3
115	37.9	30.8	46.2



#38
1-Methylnaphthalene
Concen: 39.552 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

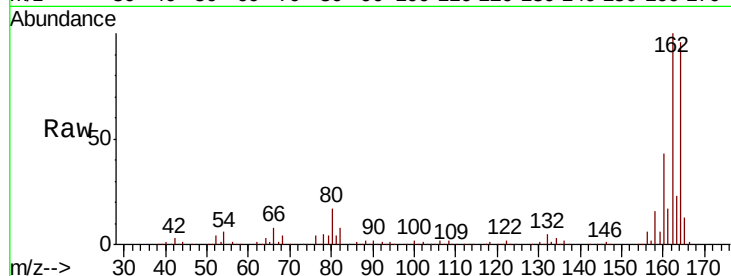
Tot Ion:164 Resp: 225813

Ion Ratio Lower Upper

164 100

162 104.2 81.6 122.4

160 44.6 34.2 51.2

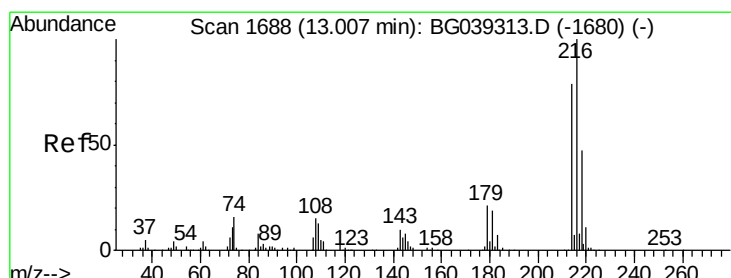
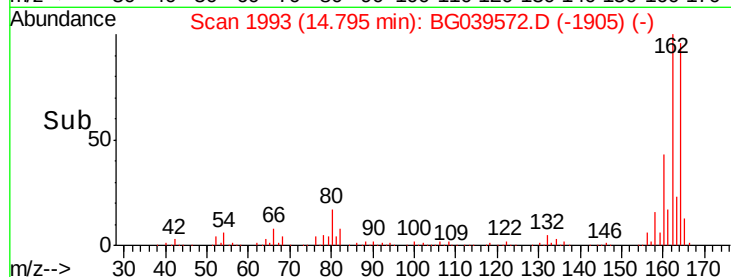
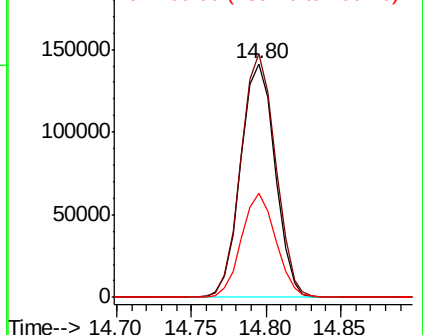


Abundance

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: 39.876 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Tgt Ion:216 Resp: 286500

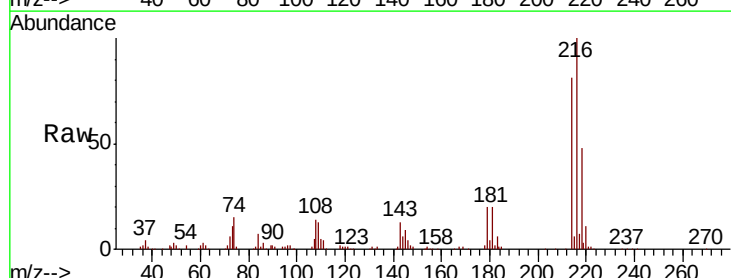
Ion Ratio Lower Upper

216 100

214 77.9 62.6 94.0

179 20.7 16.6 25.0

108 16.8 14.0 21.0



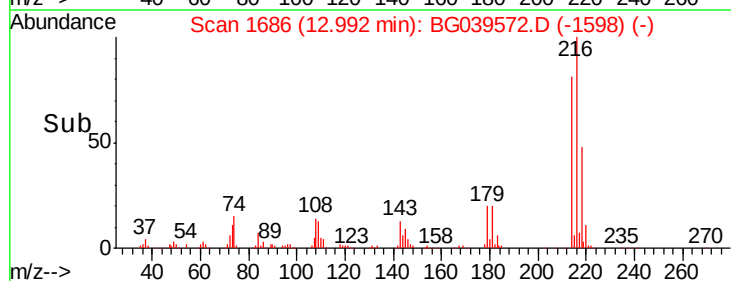
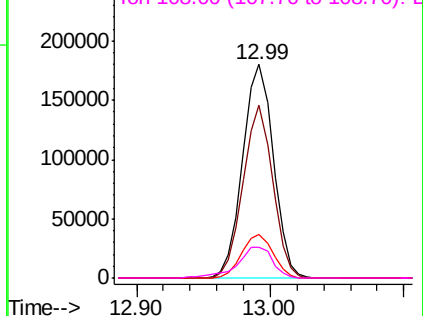
Abundance

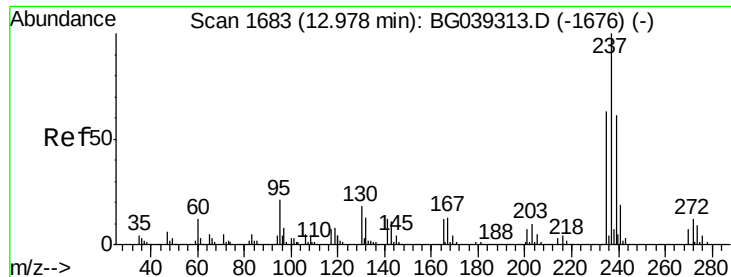
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.470 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

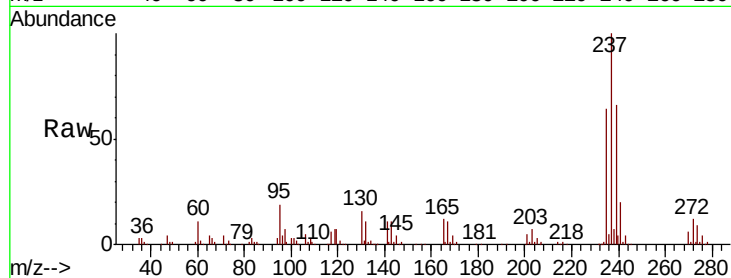
Tot Ion:237 Resp: 170189

Ion Ratio Lower Upper

237 100

235 64.5 43.3 83.3

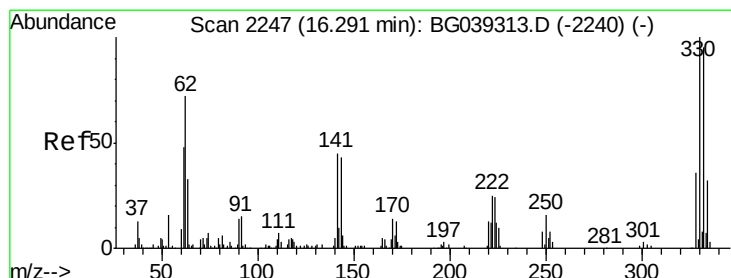
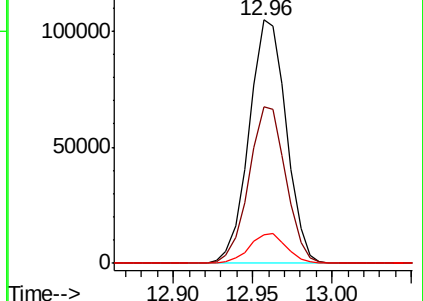
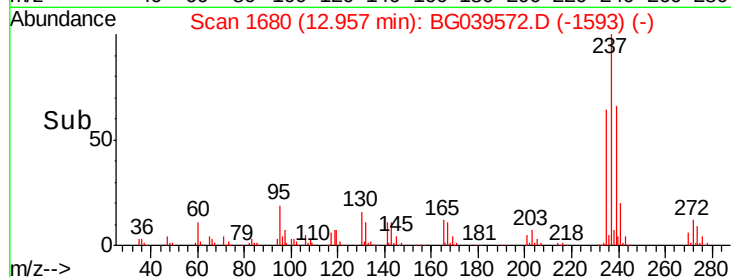
272 11.8 0.0 32.3



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: 91.302 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

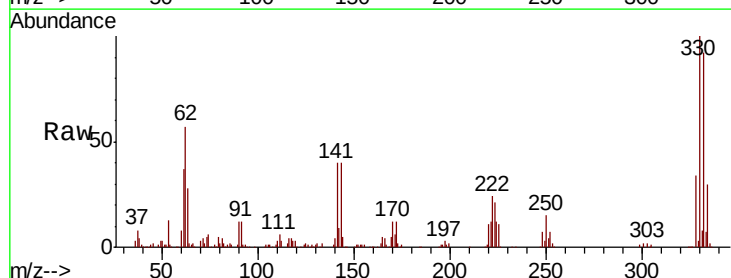
Tgt Ion:330 Resp: 222012

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

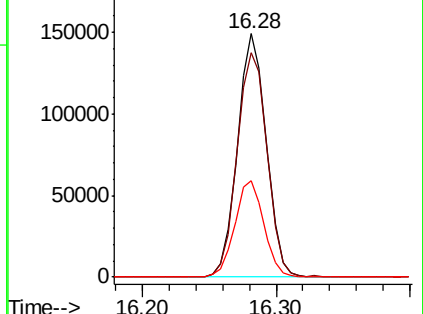
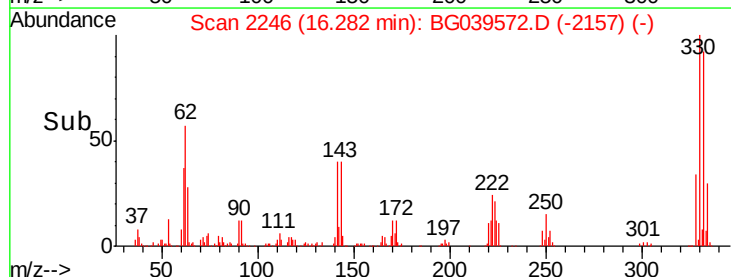
141 40.4 35.6 53.4

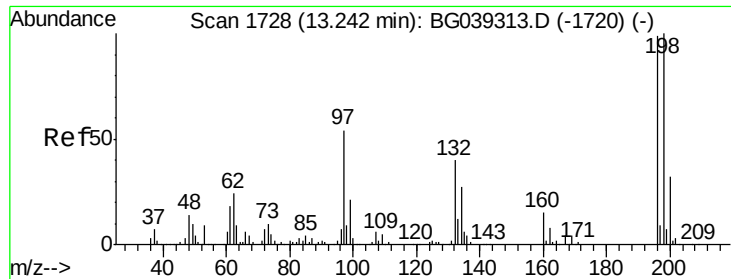


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

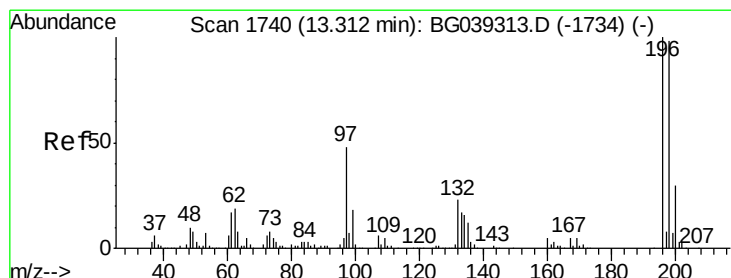
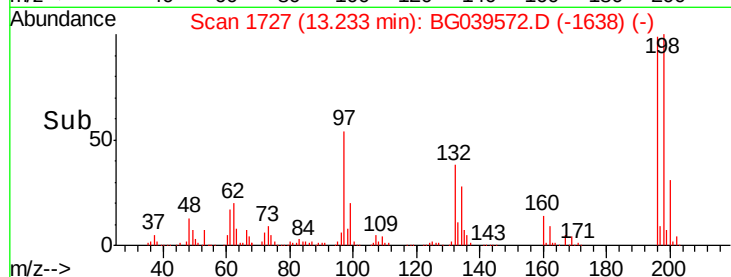
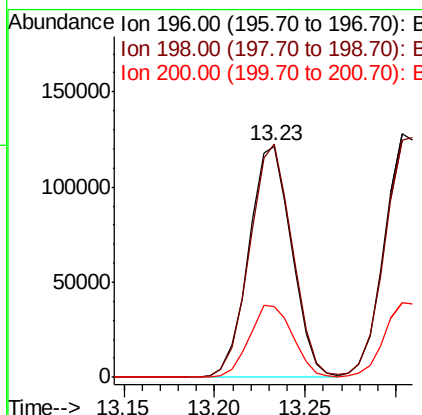
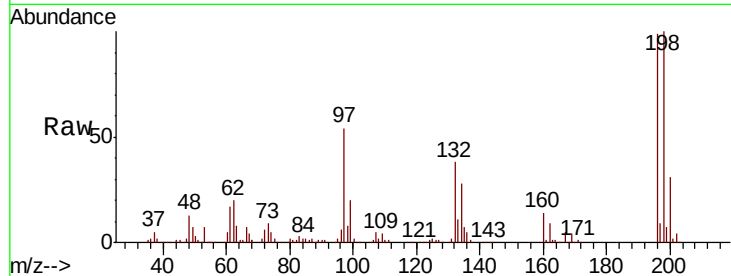




#43
 2,4,6-Trichlorophenol
 Concen: 45.294 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

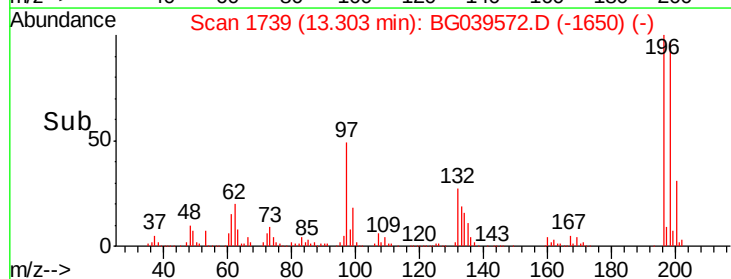
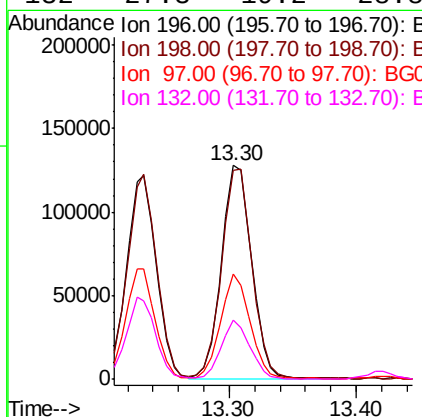
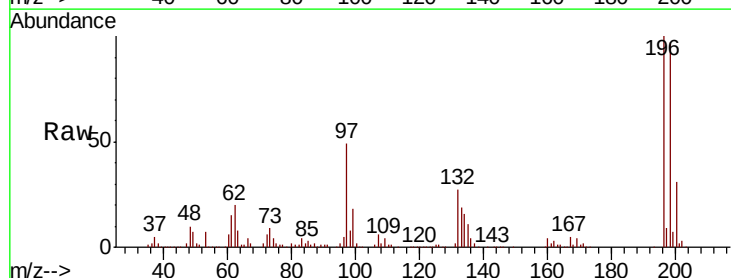
Instrument :
 BNA_G
 ClientSampleId :

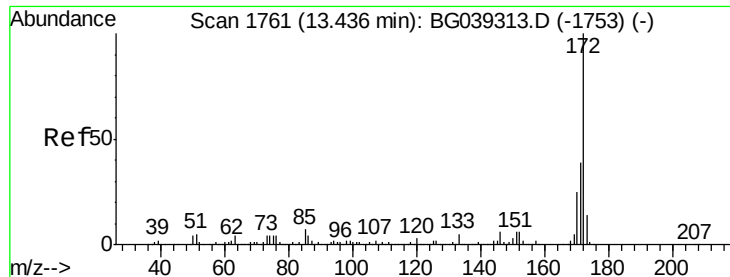
Tot Ion:196 Resp: 200090
 Ion Ratio Lower Upper
 196 100
 198 100.7 80.6 121.0
 200 30.7 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.707 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Tgt Ion:196 Resp: 211622
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.5 117.7
 97 49.2 38.4 57.6
 132 27.3 19.2 28.8

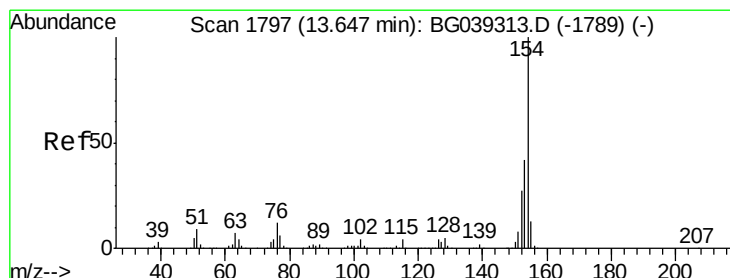
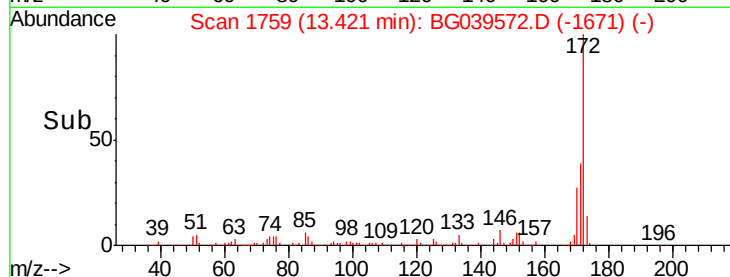
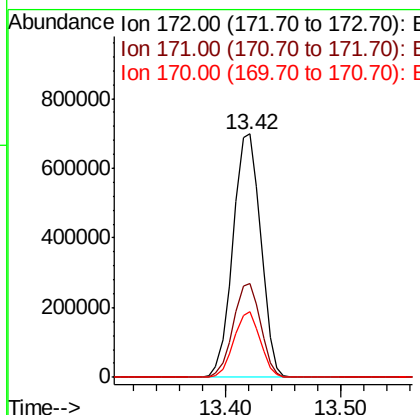
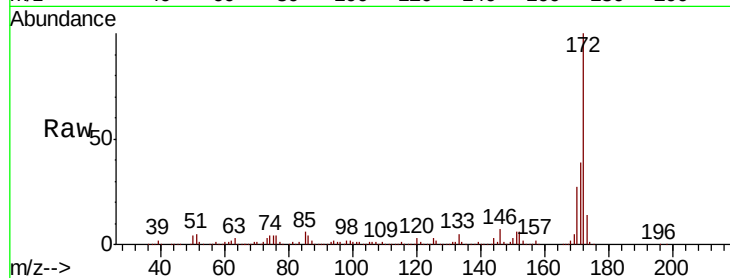




#45
2-Fluorobiphenyl
Concen: 73.842 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

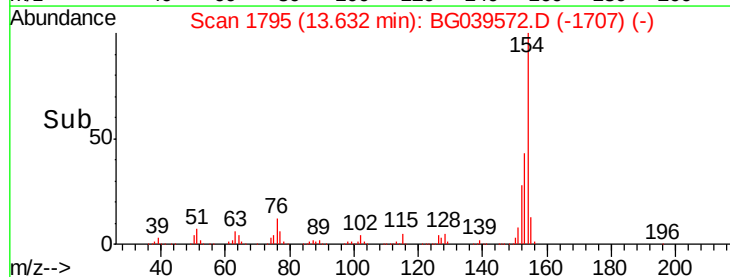
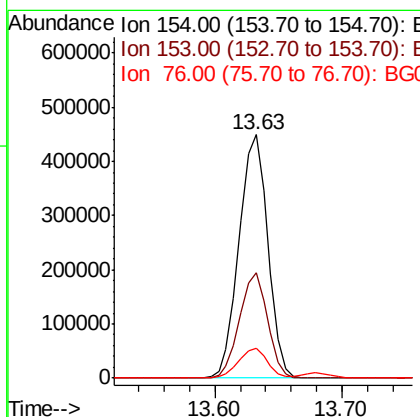
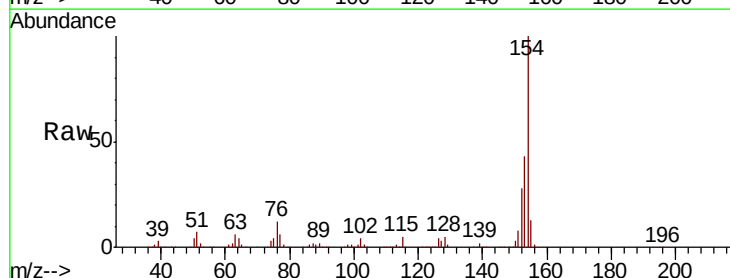
Instrument :
BNA_G
ClientSampled :

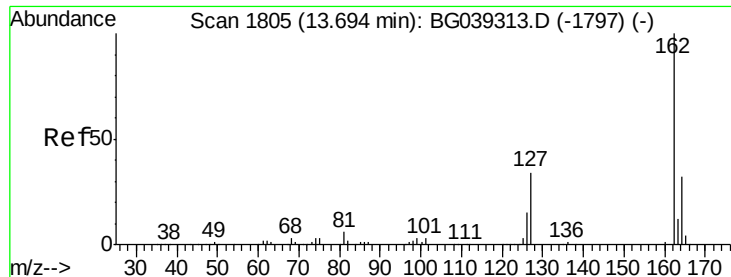
Tot Ion:172 Resp: 1162350
Ion Ratio Lower Upper
172 100
171 38.7 30.8 46.2
170 26.8 20.2 30.4



#46
1,1'-Biphenyl
Concen: 37.673 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion:154 Resp: 707808
Ion Ratio Lower Upper
154 100
153 43.2 22.1 62.1
76 12.0 0.0 32.4

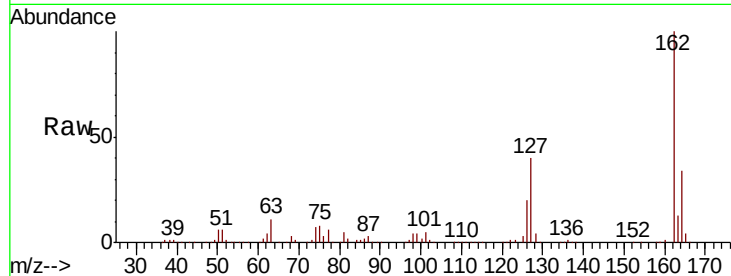




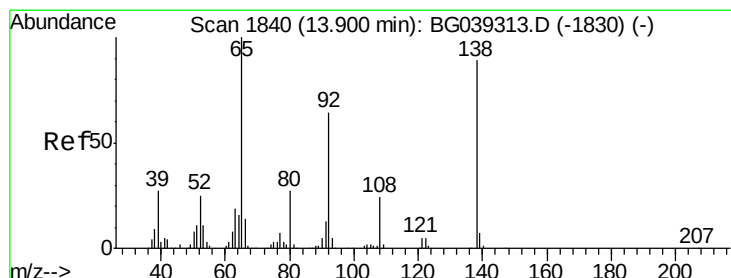
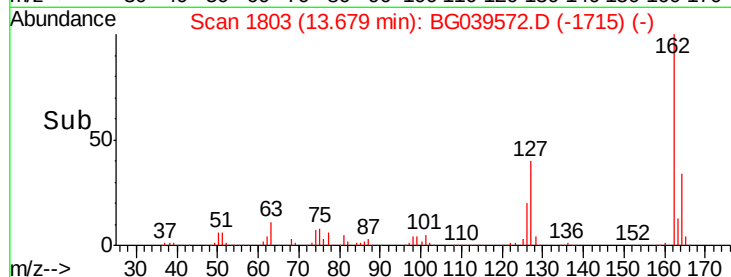
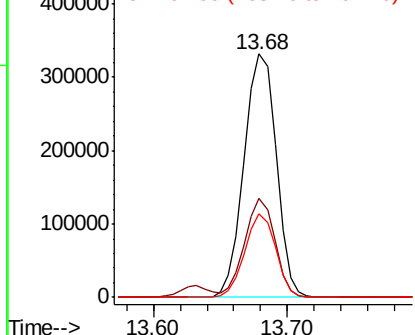
#47
2-Chloronaphthalene
Concen: 39.152 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.0	46.6
164	34.2	25.7	38.5

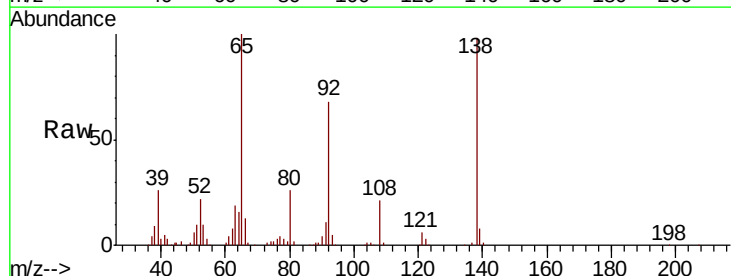


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

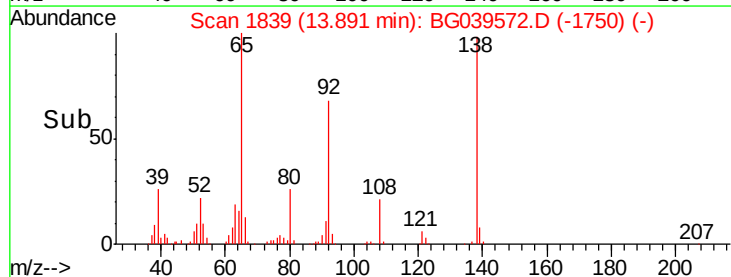
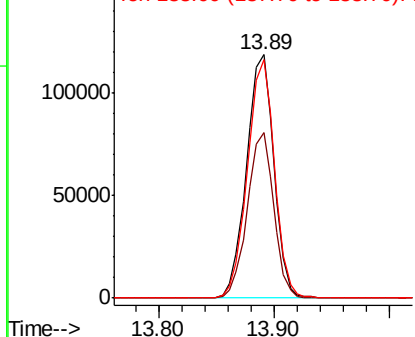


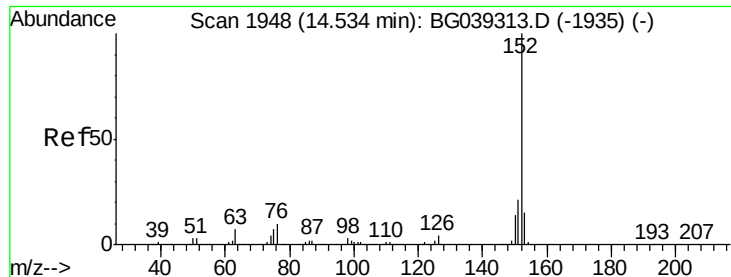
#48
2-Nitroaniline
Concen: 48.202 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	51.4	77.2
138	98.2	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: 38.170 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

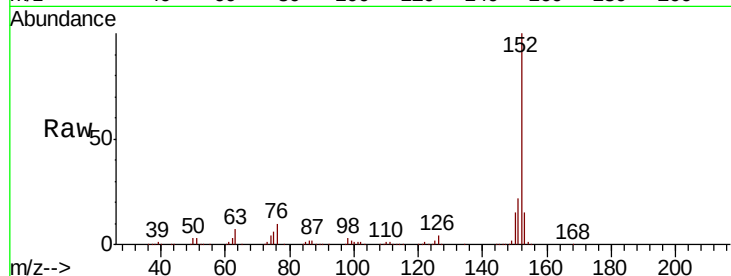
Tot Ion:152 Resp: 814056

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

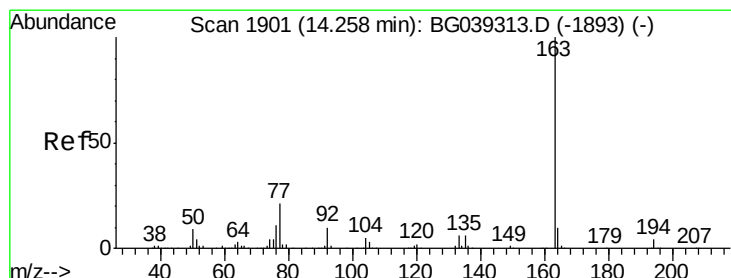
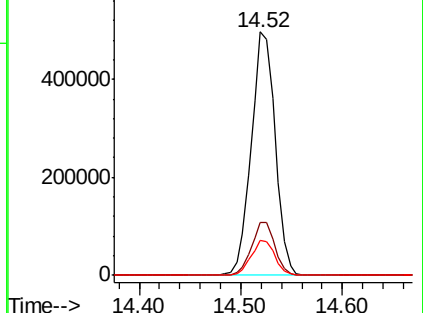
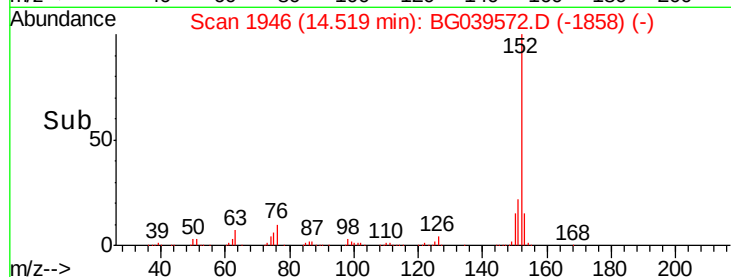
153 14.6 11.7 17.5



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: 38.578 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

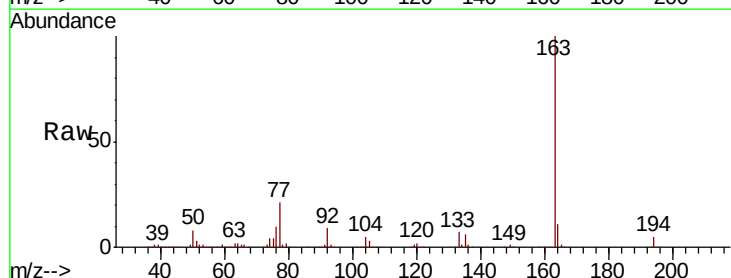
Tgt Ion:163 Resp: 703560

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

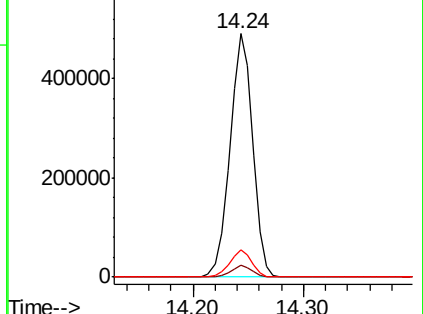
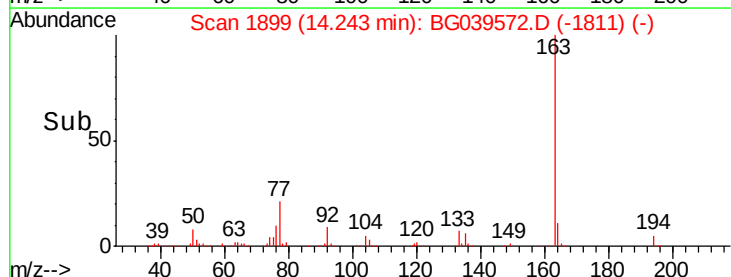
164 11.0 8.4 12.6

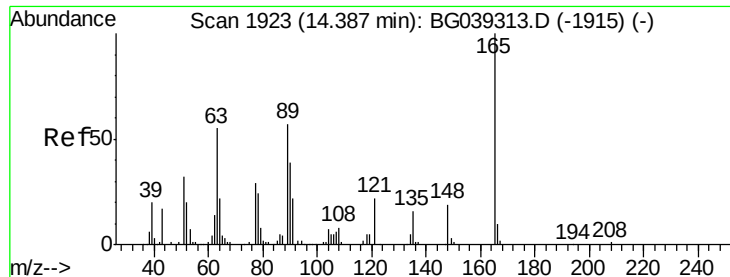


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

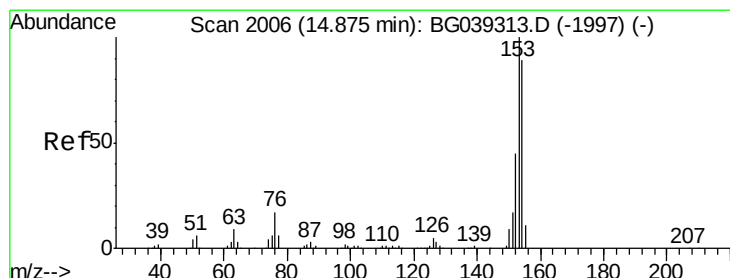
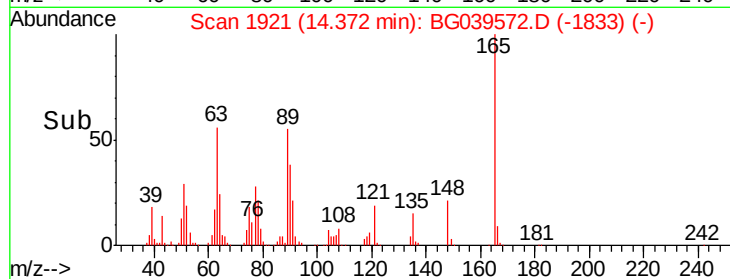
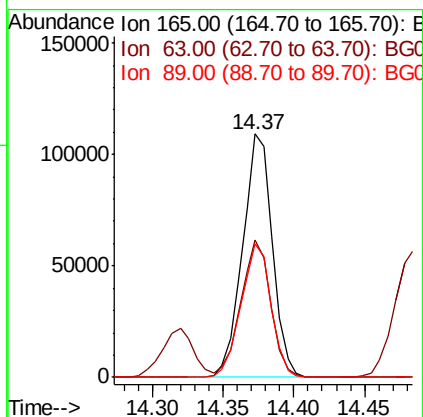
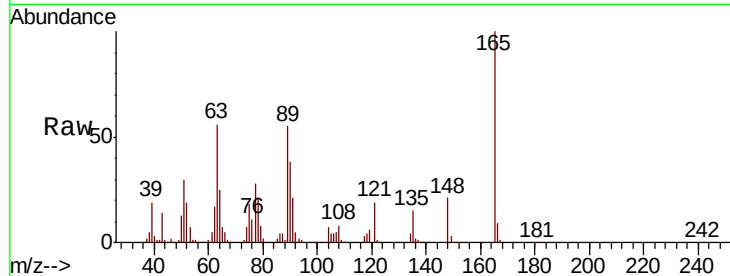




#51
 2,6-Dinitrotoluene
 Concen: 47.391 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

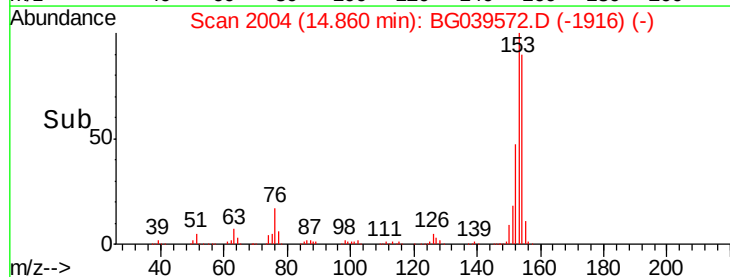
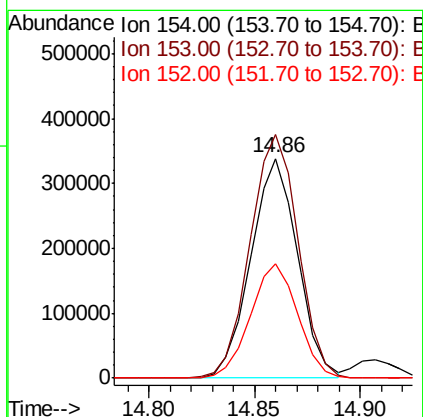
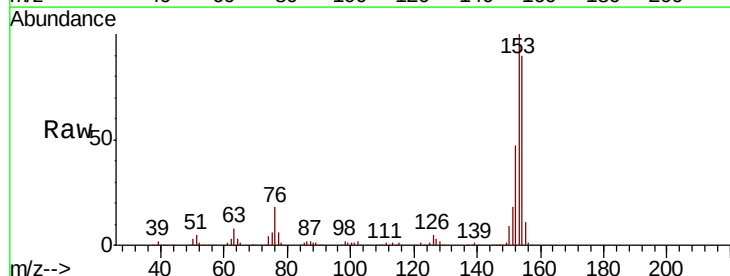
Instrument :
 BNA_G
 ClientSampled :

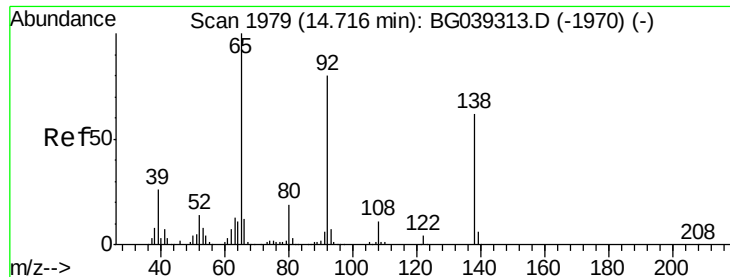
Tot Ion:165 Resp: 161204
 Ion Ratio Lower Upper
 165 100
 63 56.4 47.0 70.6
 89 54.9 45.8 68.8



#52
 Acenaphthene
 Concen: 37.569 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Tgt Ion:154 Resp: 520102
 Ion Ratio Lower Upper
 154 100
 153 110.9 90.1 135.1
 152 52.0 40.9 61.3





#53

3-Nitroaniline

Concen: 46.850 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

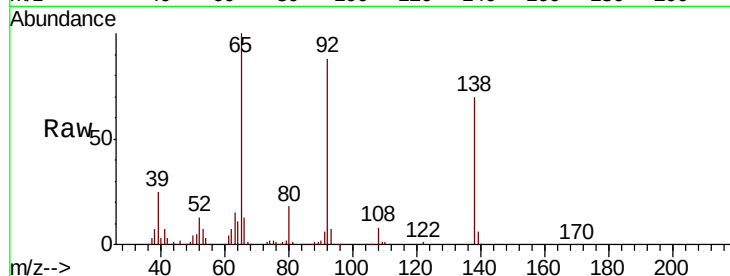
Tot Ion:138 Resp: 171727

Ion Ratio Lower Upper

138 100

108 11.2 13.8 20.8#

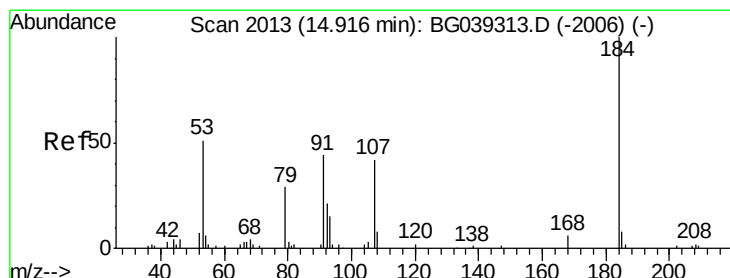
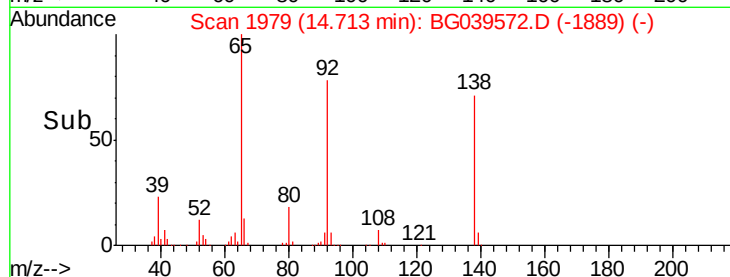
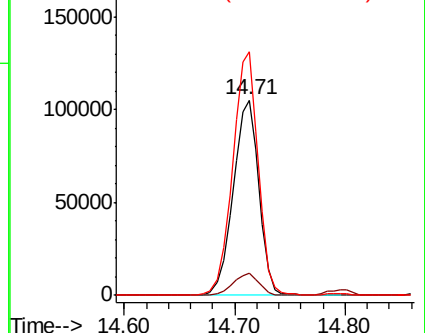
92 124.5 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 55.254 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

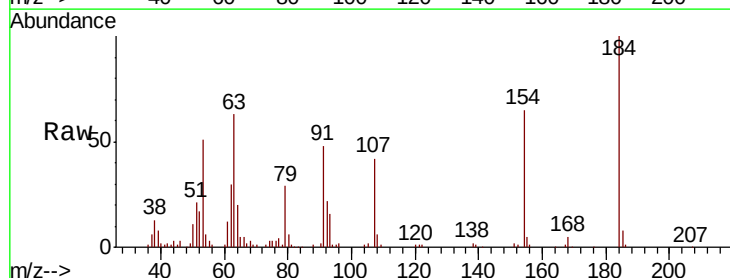
Tgt Ion:184 Resp: 70510

Ion Ratio Lower Upper

184 100

63 63.1 50.9 76.3

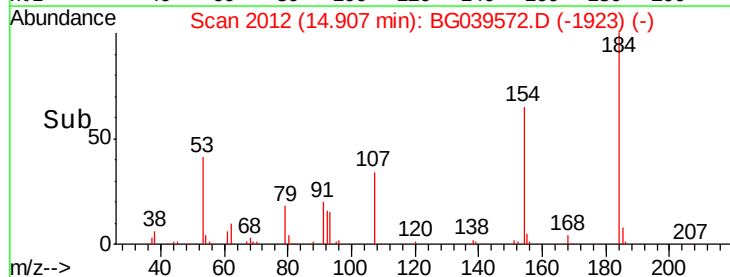
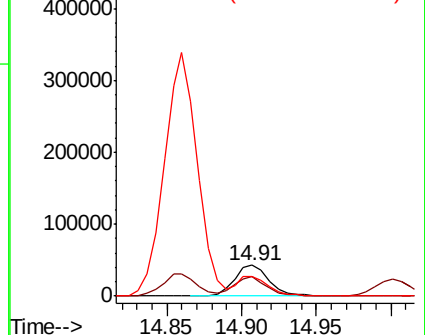
154 64.6 53.0 79.6

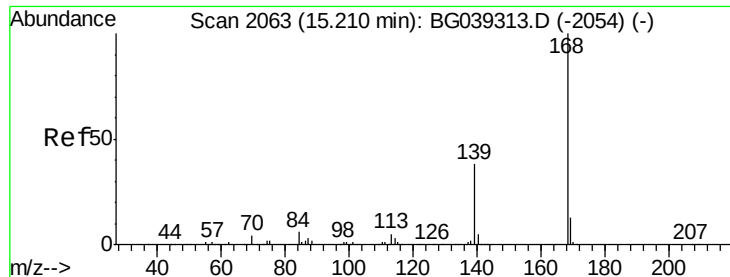


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

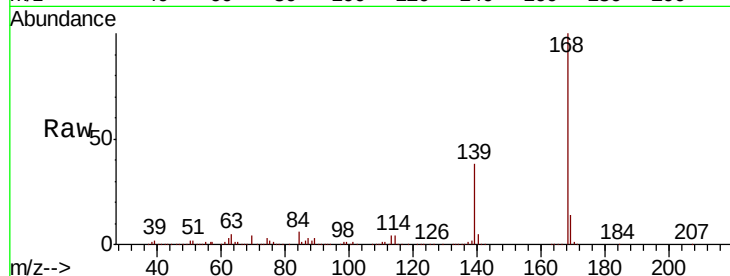




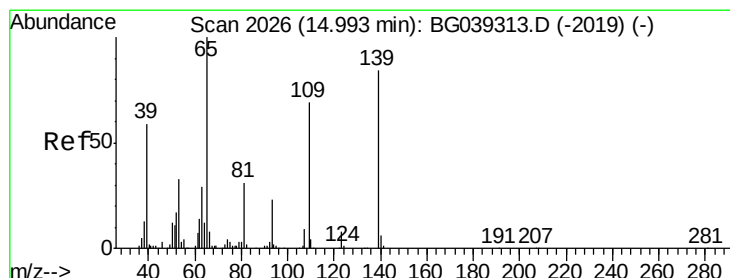
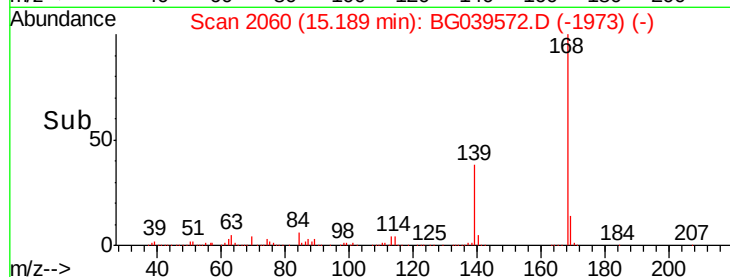
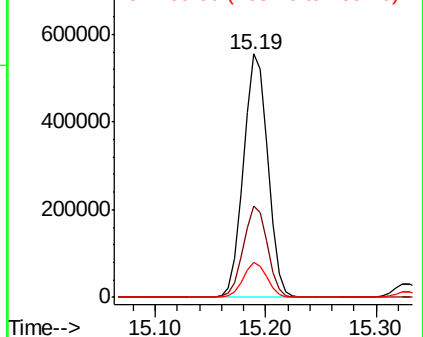
#55
Dibenzofuran
Concen: 38.783 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	14.3	10.6	16.0

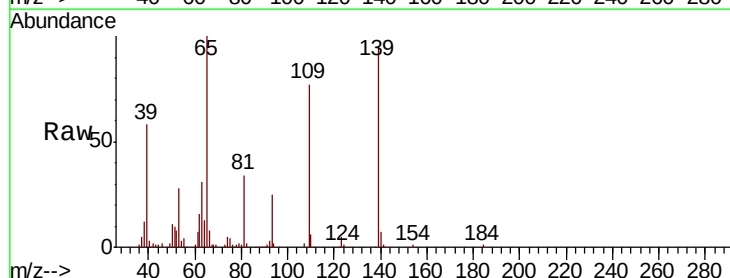


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

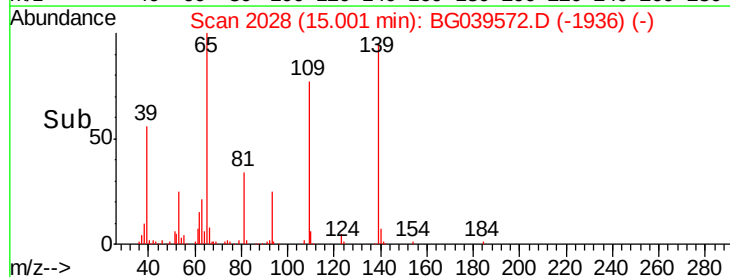
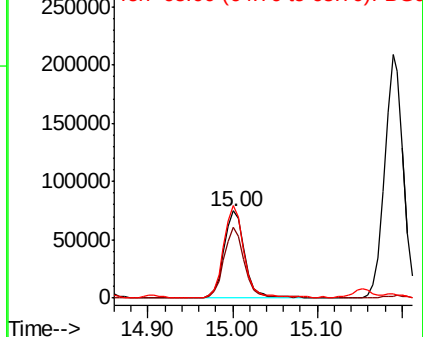


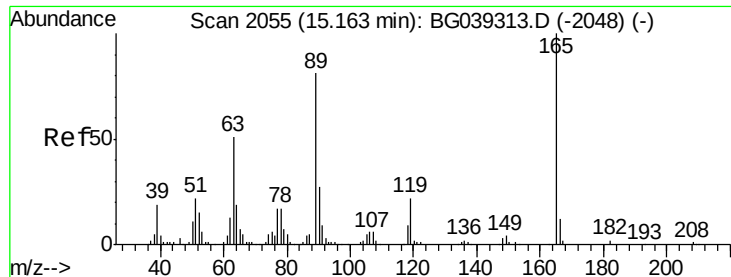
#56
4-Nitrophenol
Concen: 42.099 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.9	61.9	101.9
65	105.7	99.1	139.1



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

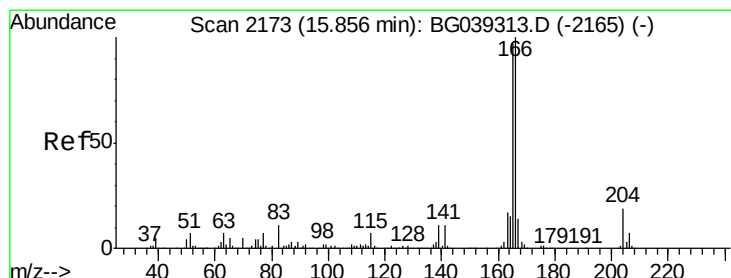
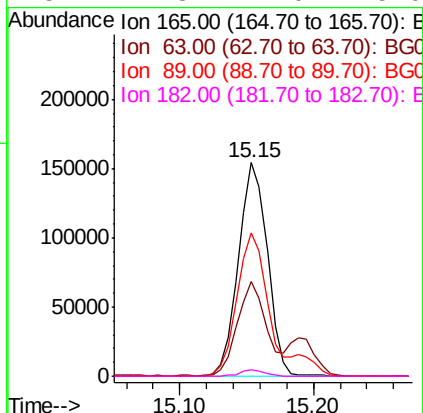
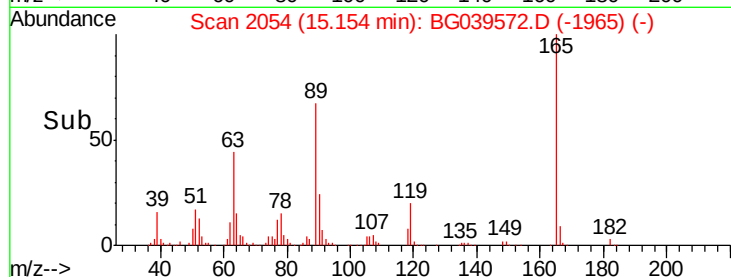
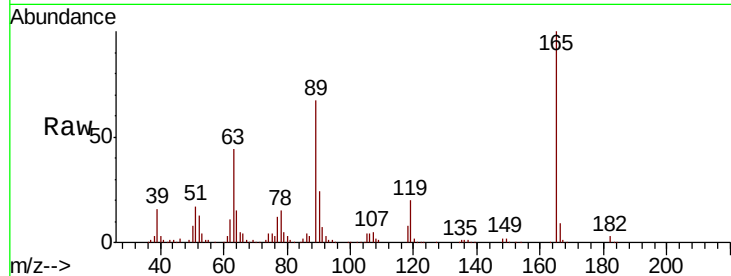




#57
 2,4-Dinitrotoluene
 Concen: 52.189 ng
 RT: 15.15 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

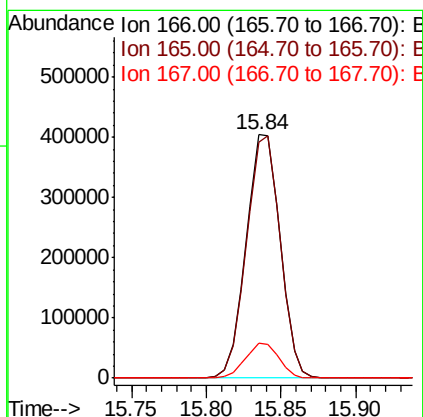
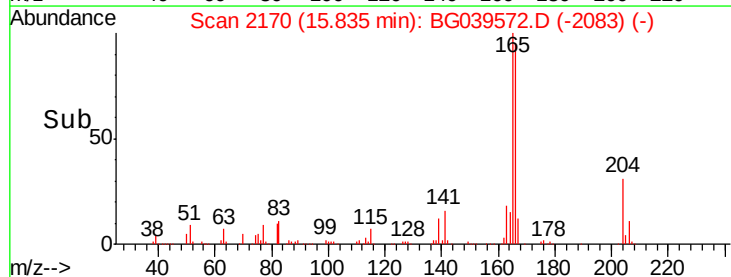
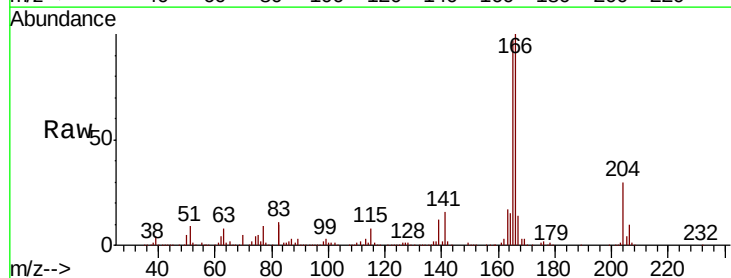
Instrument :
 BNA_G
 ClientSampled :

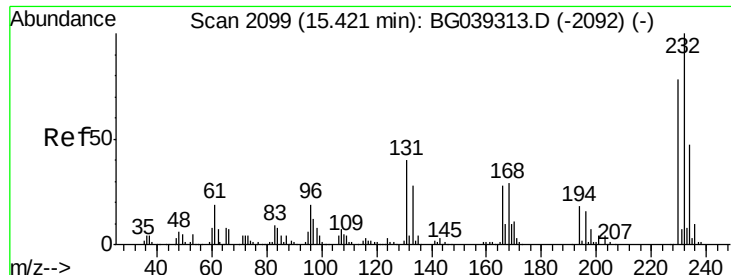
Tot Ion:	165	Resp:	231426
Ion	Ratio	Lower	Upper
165	100		
63	44.3	41.0	61.6
89	66.9	64.6	96.8
182	2.8	2.0	3.0



#58
 Fluorene
 Concen: 38.425 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Tgt Ion:	166	Resp:	635799
Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.9	116.9
167	14.2	10.8	16.2

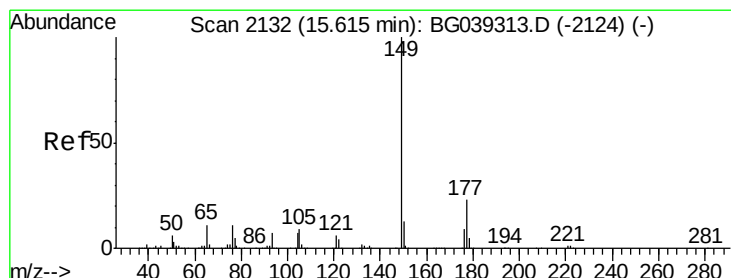
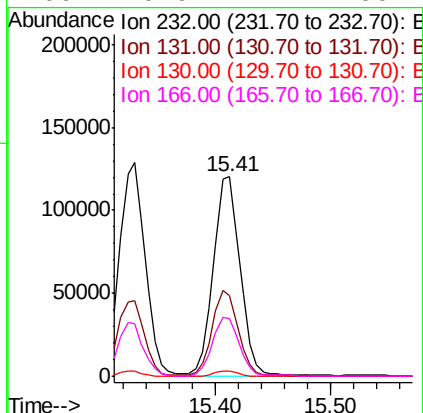
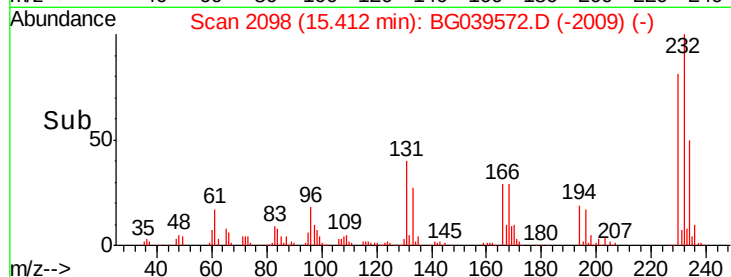
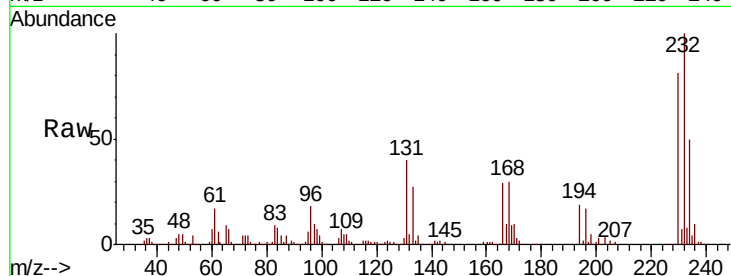




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.647 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

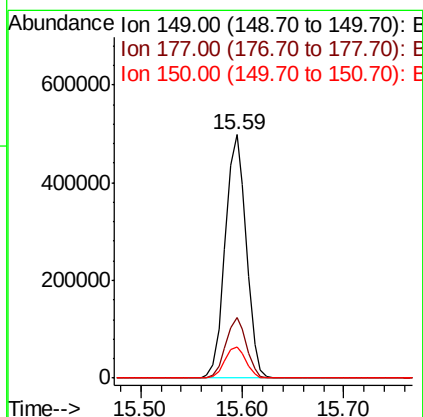
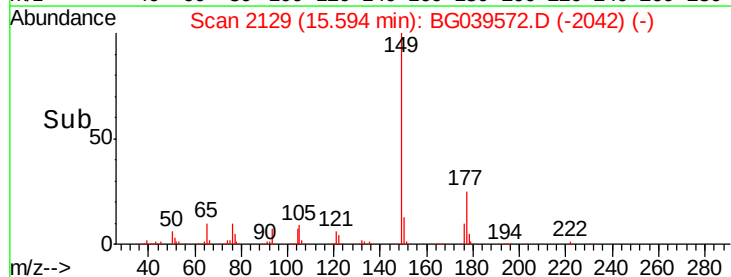
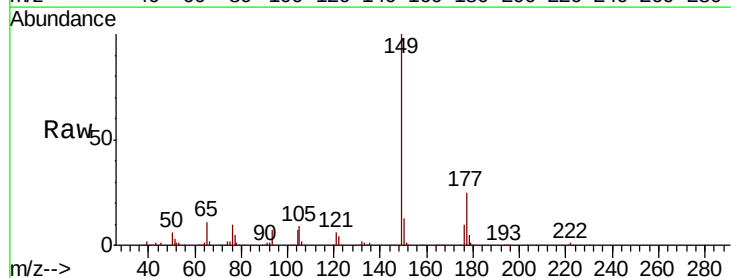
Instrument :
BNA_G
ClientSampleId :

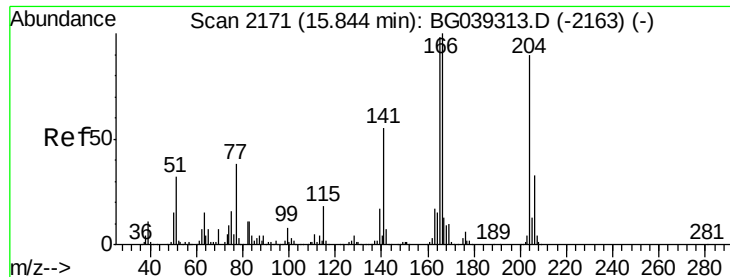
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.9	52.3
130	2.5	2.0	3.0
166	29.9	24.1	36.1



#60
Diethylphthalate
Concen: 37.841 ng
RT: 15.59 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.3	27.5
150	13.0	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 40.746 ng

RT: 15.82 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampled :

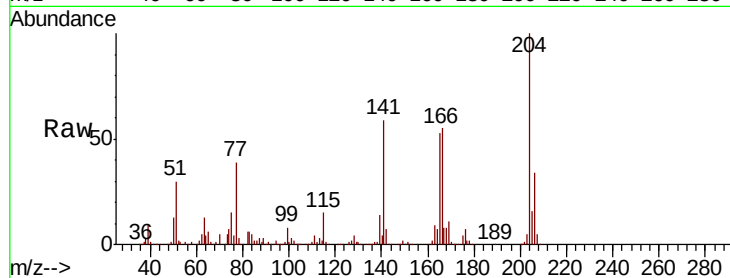
Tot Ion:204 Resp: 381755

Ion Ratio Lower Upper

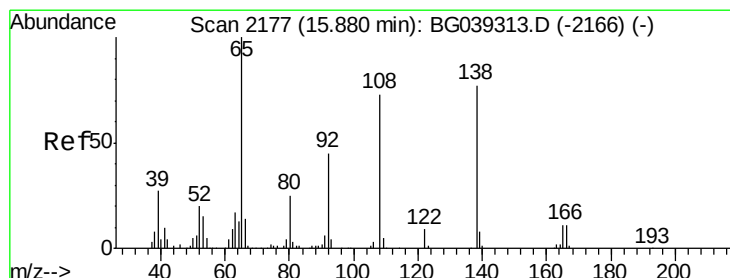
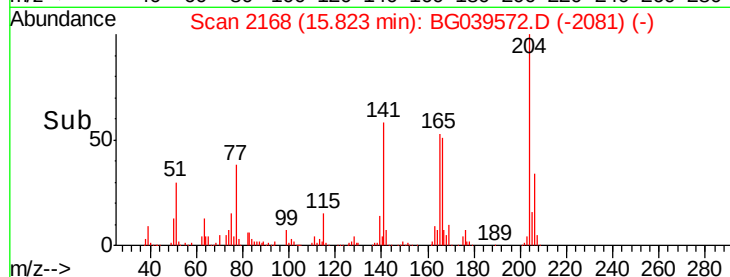
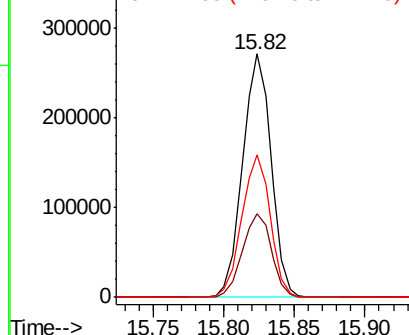
204 100

206 34.4 29.2 43.8

141 58.7 49.0 73.4



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



#62

4-Nitroaniline

Concen: 46.659 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

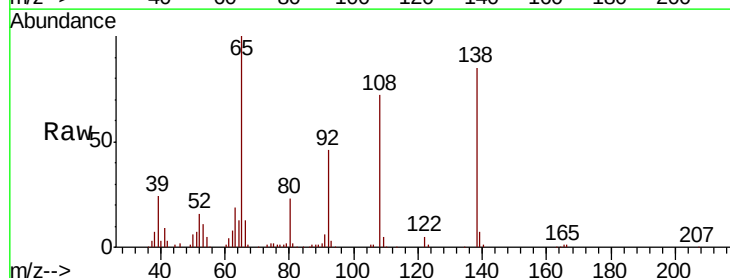
Tgt Ion:138 Resp: 177948

Ion Ratio Lower Upper

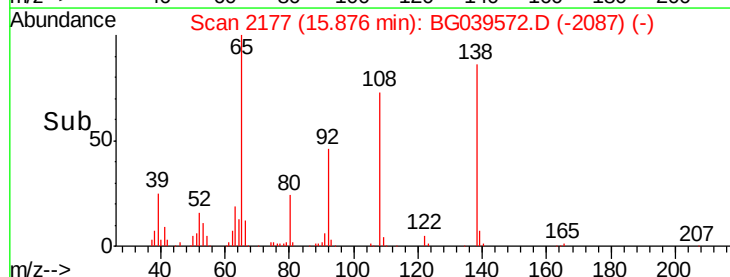
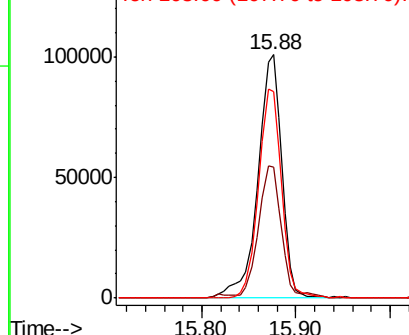
138 100

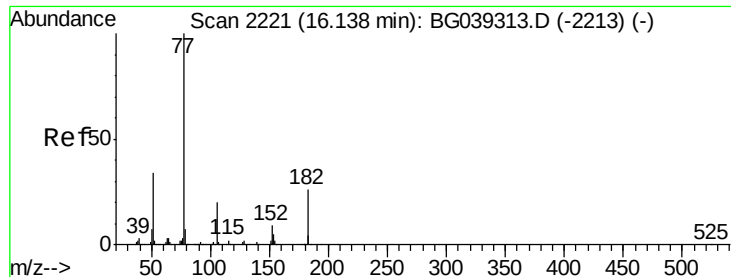
92 53.6 38.7 78.7

108 84.7 74.6 114.6



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

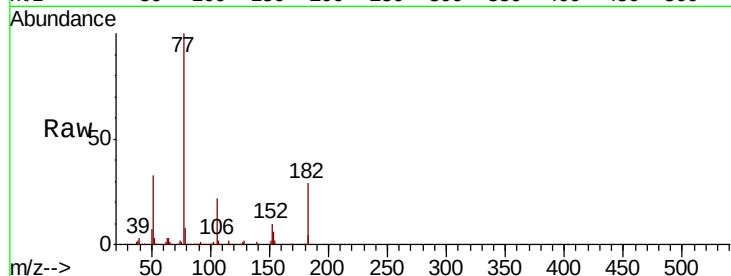




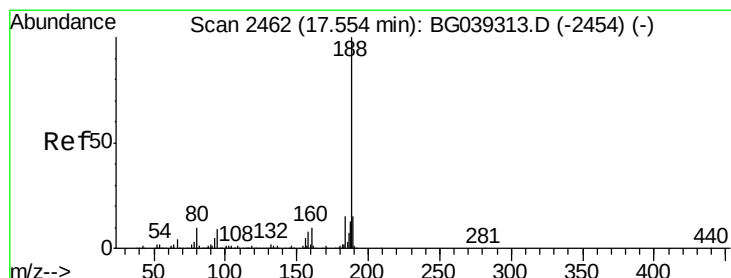
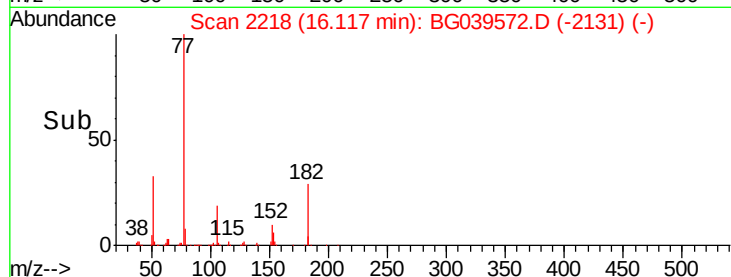
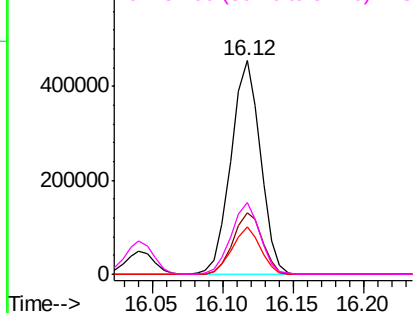
#63
Azobenzene
Concen: 35.880 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	661271
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.4	46.4
105	22.0	0.0	39.8
51	33.4	14.1	54.1

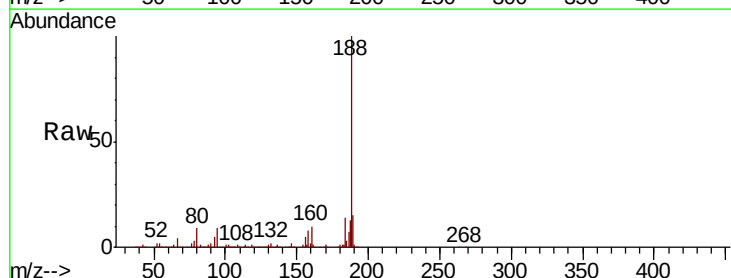


Abundance Ion 77.00 (76.70 to 77.70): BG039313.D (-2213) (-)
Ion 182.00 (181.70 to 182.70): BG039313.D (-2213) (-)
Ion 105.00 (104.70 to 105.70): BG039313.D (-2213) (-)
Ion 51.00 (50.70 to 51.70): BG039313.D (-2213) (-)

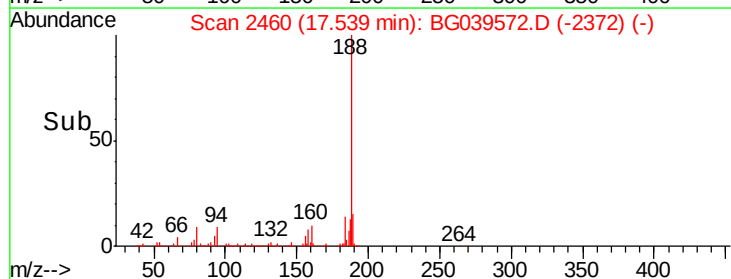
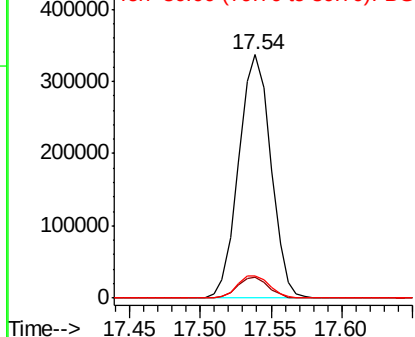


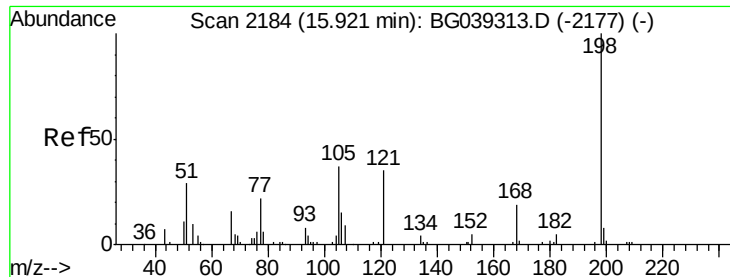
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion:	188	Resp:	535094
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	8.9	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): BG039313.D (-2454) (-)
Ion 94.00 (93.70 to 94.70): BG039313.D (-2454) (-)
Ion 80.00 (79.70 to 80.70): BG039313.D (-2454) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 56.189 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

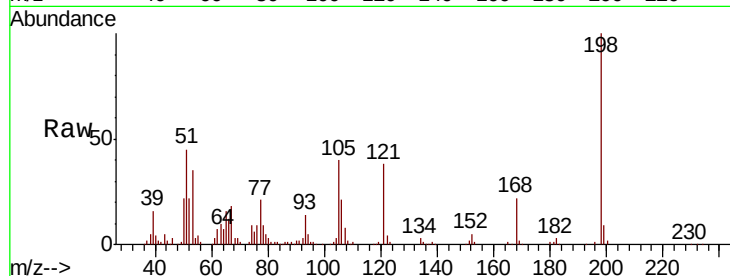
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 126535

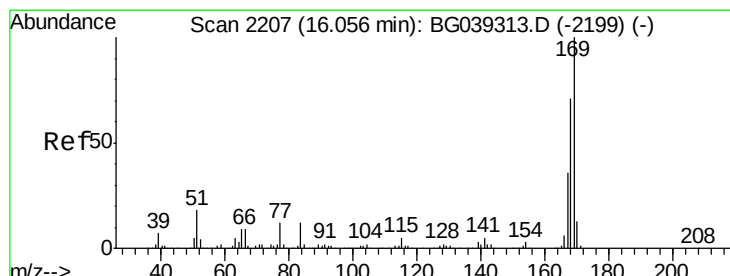
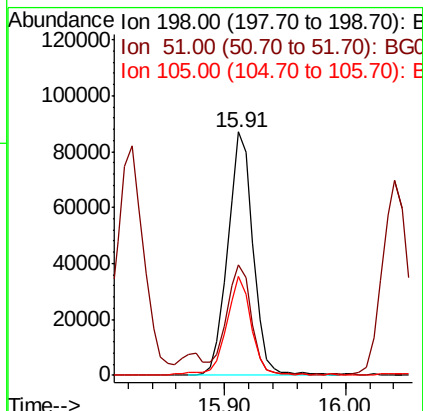
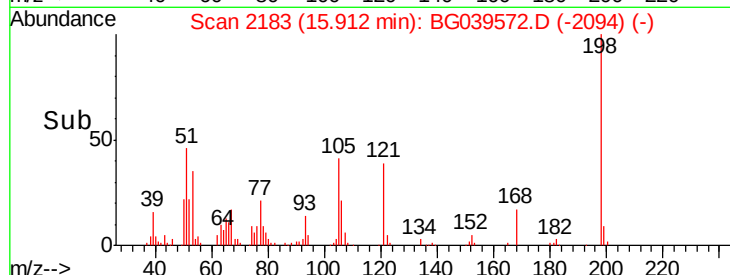
Ion	Ratio	Lower	Upper
198	100		
51	45.4	27.4	67.4
105	40.5	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039572.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.097 ng

RT: 16.04 min Scan# 2205

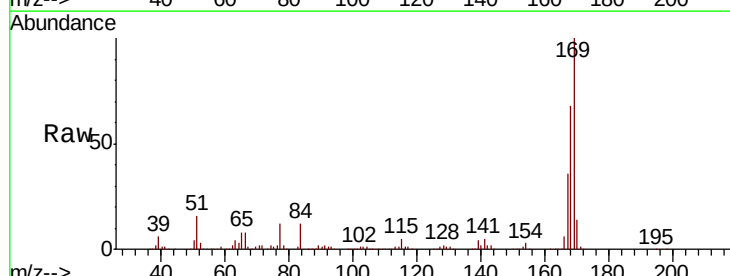
Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Tgt Ion:169 Resp: 636122

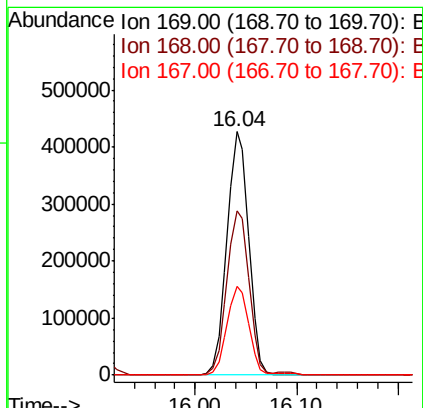
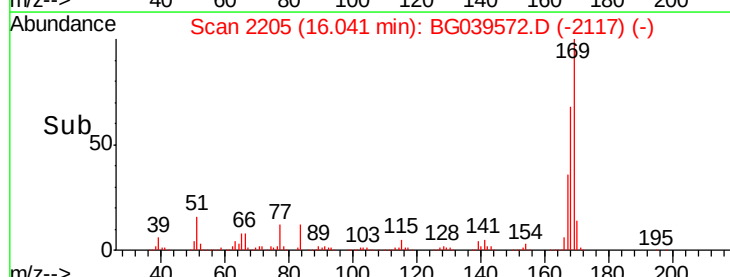
Ion	Ratio	Lower	Upper
169	100		
168	67.6	56.6	85.0
167	36.3	28.8	43.2

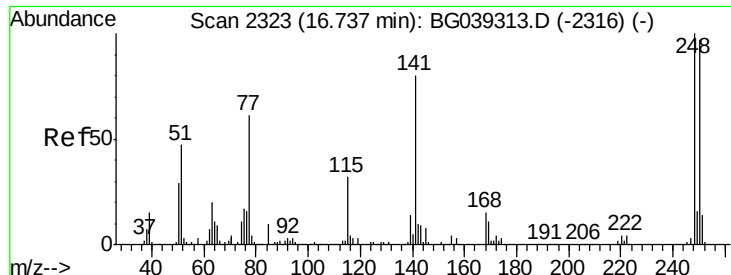


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

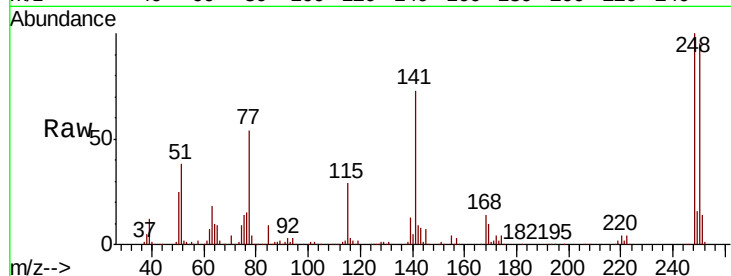




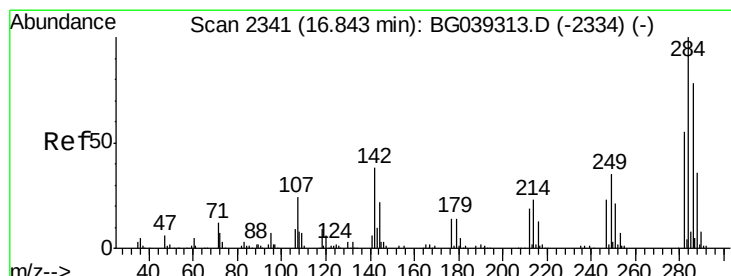
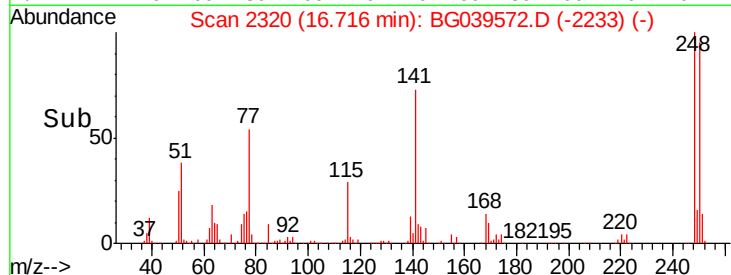
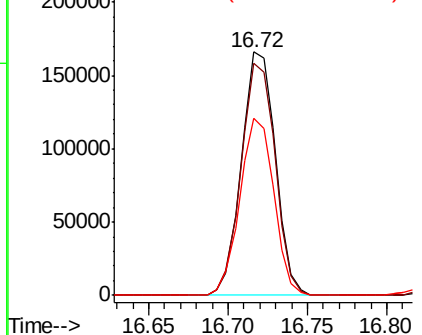
#67
 4-Bromophenyl-phenylether
 Concen: 41.615 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 247040
 Ion Ratio Lower Upper
 248 100
 250 95.3 77.6 116.4
 141 72.9 63.9 95.9

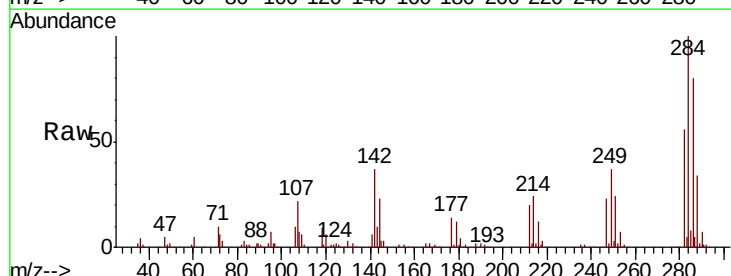


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

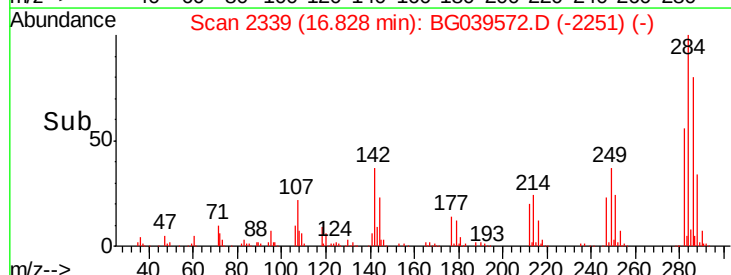
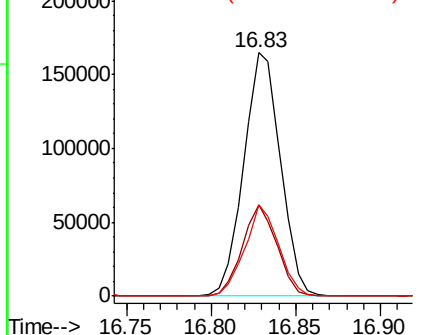


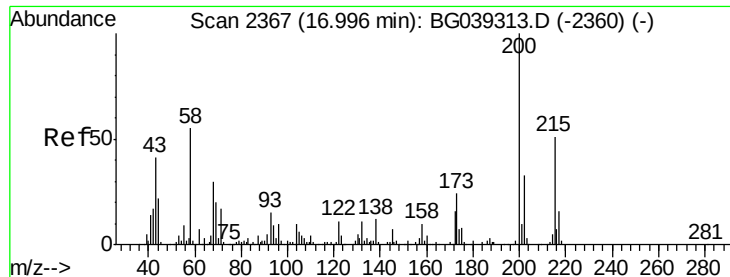
#68
 Hexachlorobenzene
 Concen: 41.754 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.02 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Tgt Ion:284 Resp: 248679
 Ion Ratio Lower Upper
 284 100
 142 37.3 30.6 45.8
 249 37.5 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: 34.417 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

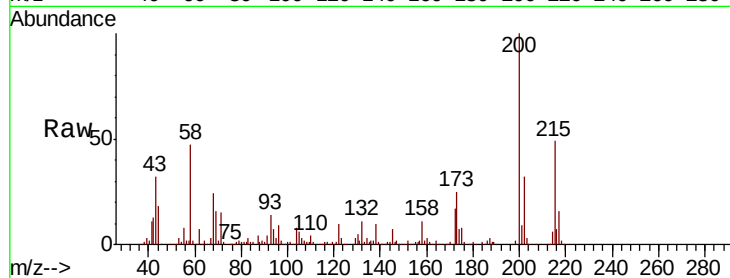
Tot Ion:200 Resp: 204638

Ion Ratio Lower Upper

200 100

173 25.5 3.9 43.9

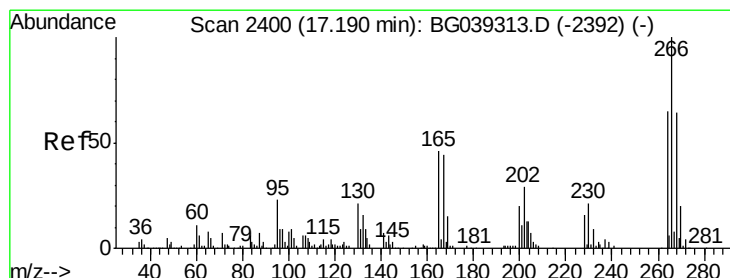
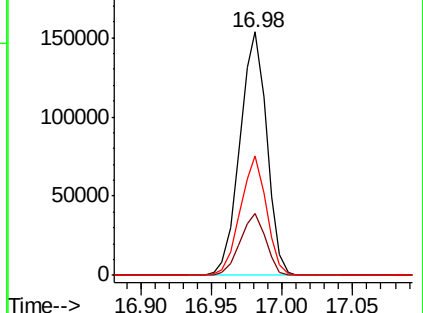
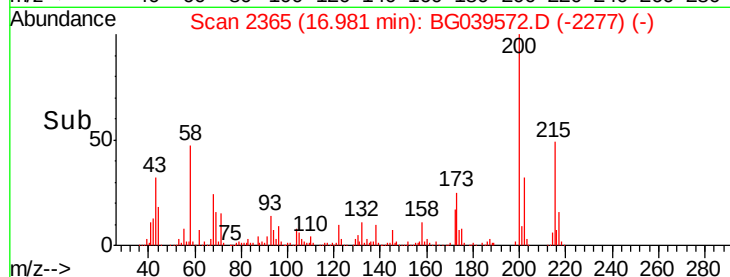
215 48.8 30.9 70.9



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: 40.173 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

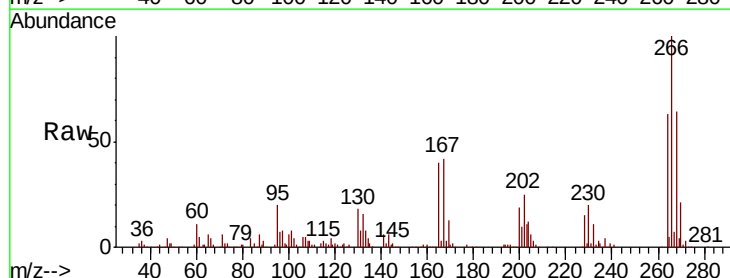
Tgt Ion:266 Resp: 166294

Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

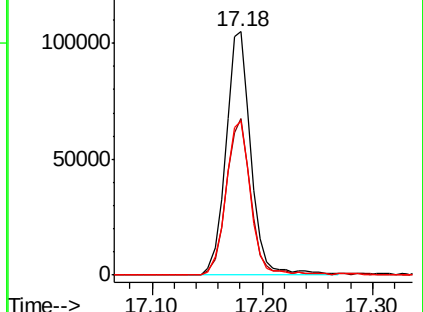
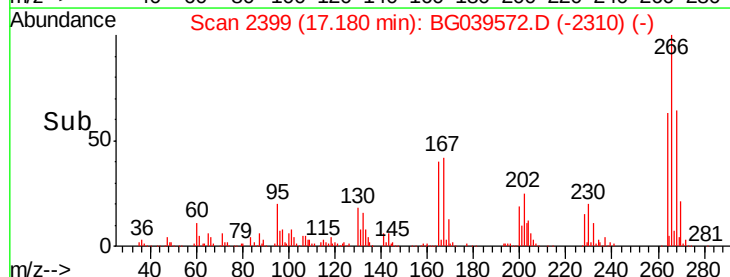
264 63.3 52.1 78.1

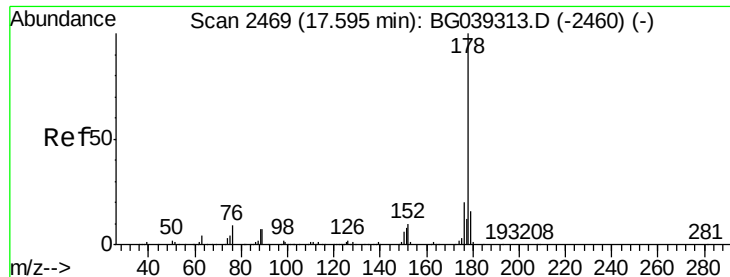


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

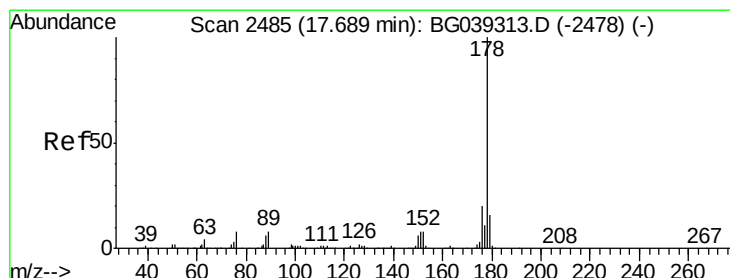
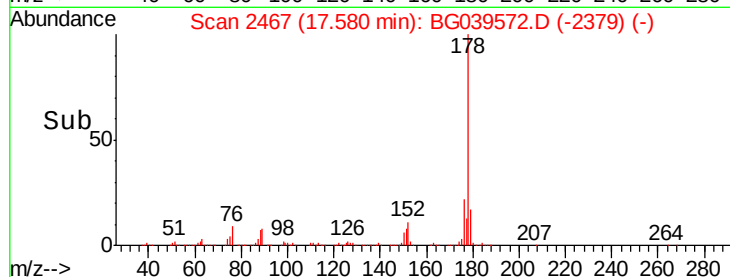
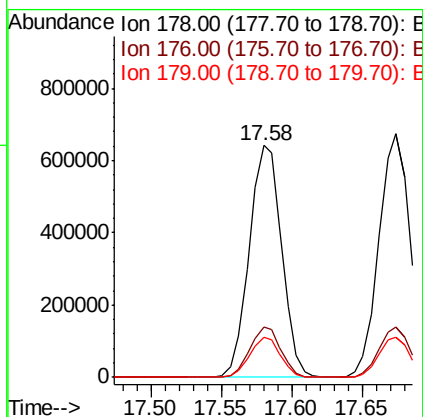
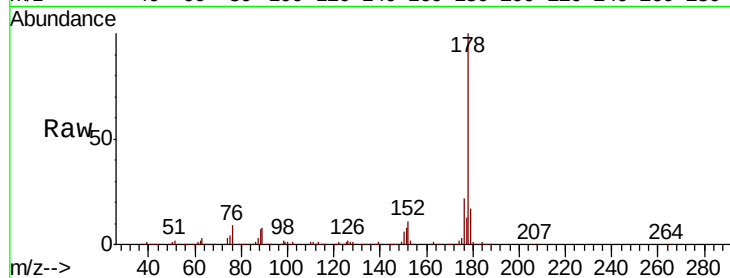




#71
Phenanthrene
Concen: 37.448 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

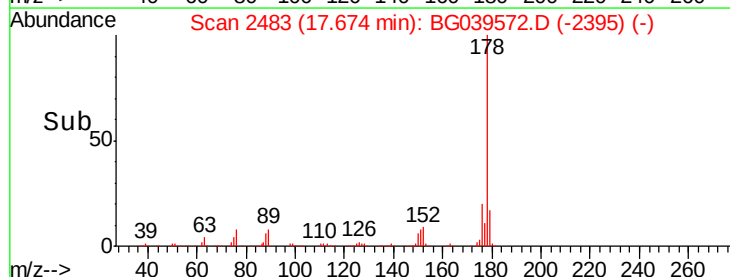
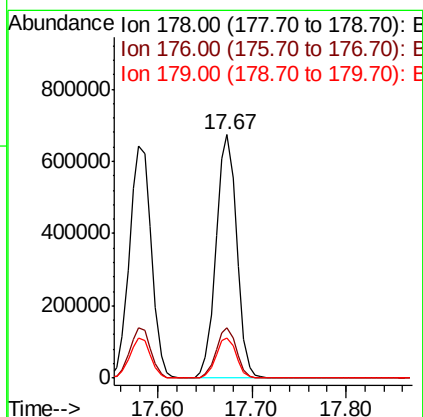
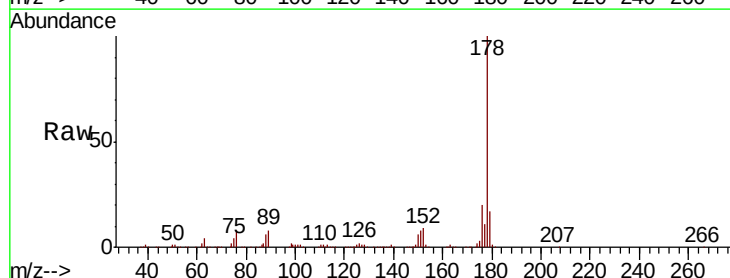
Instrument :
BNA_G
ClientSampleId :

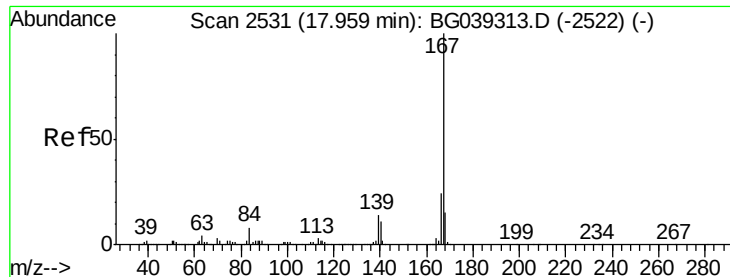
Tot Ion:178 Resp: 1037110
Ion Ratio Lower Upper
178 100
176 21.5 16.2 24.4
179 17.0 12.6 19.0



#72
Anthracene
Concen: 38.091 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.02 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion:178 Resp: 1039103
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.5 12.5 18.7





#73

Carbazole

Concen: 37.226 ng

RT: 17.94 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

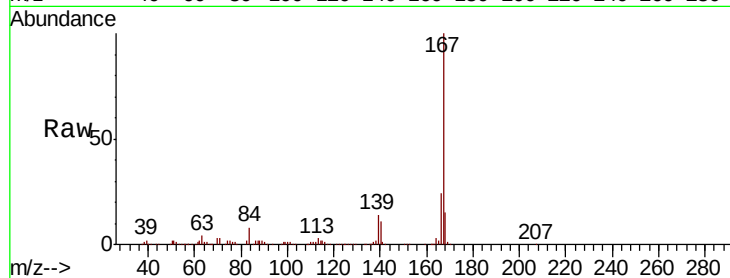
Tot Ion:167 Resp: 1013470

Ion Ratio Lower Upper

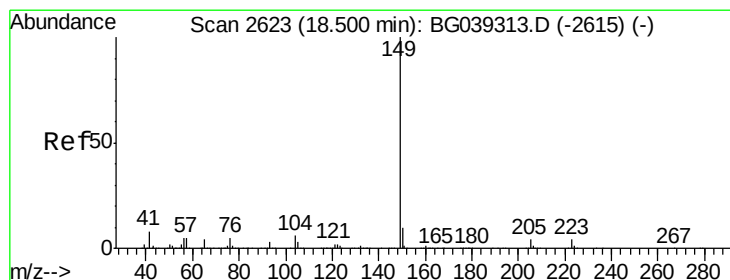
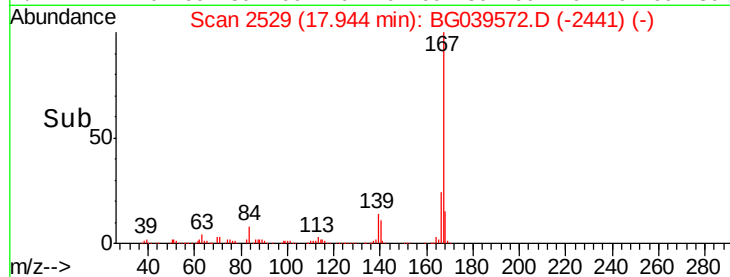
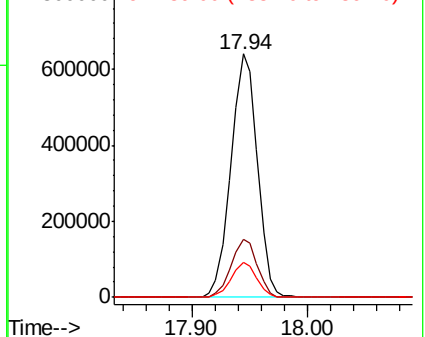
167 100

166 24.0 19.4 29.2

139 14.5 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.325 ng

RT: 18.47 min Scan# 2619

Delta R.T. -0.03 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

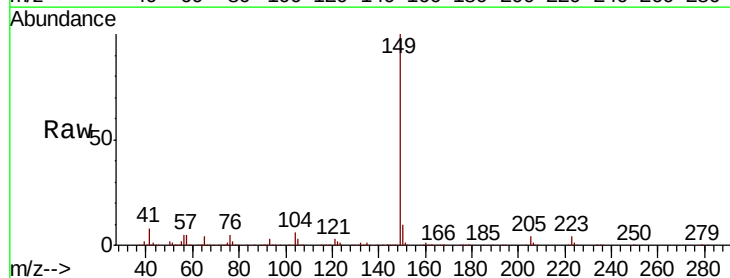
Tgt Ion:149 Resp: 1185495

Ion Ratio Lower Upper

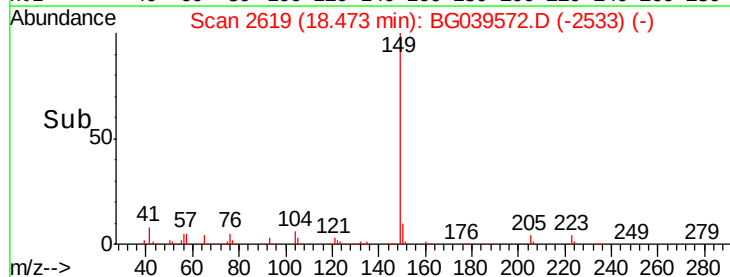
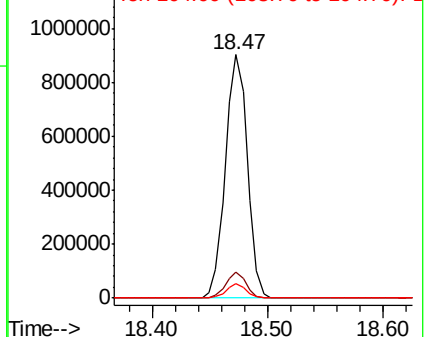
149 100

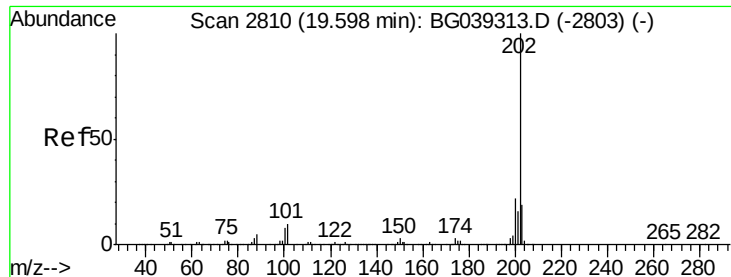
150 10.4 7.7 11.5

104 5.9 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.545 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

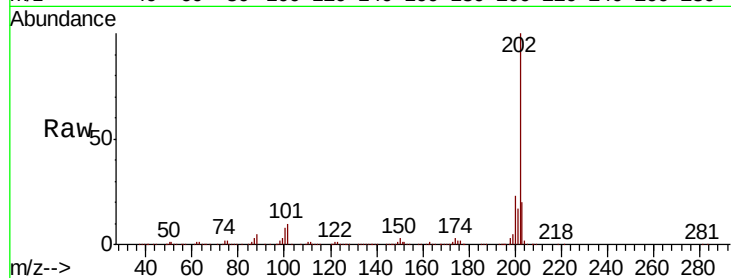
Tot Ion:202 Resp: 1206896

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.0

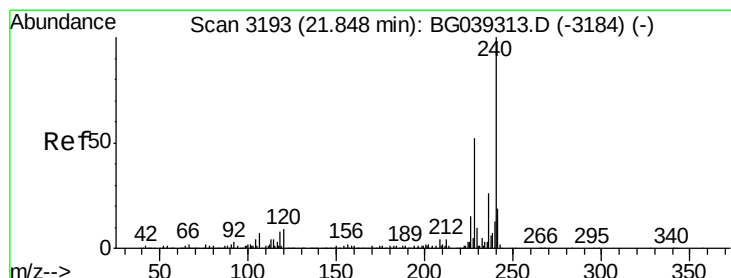
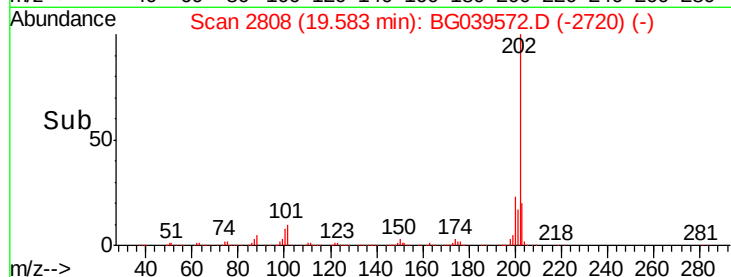
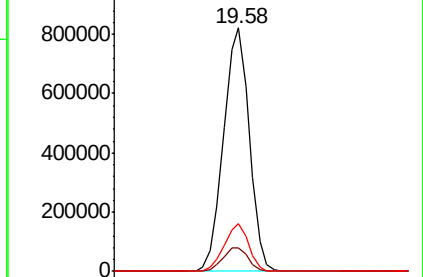
203 19.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

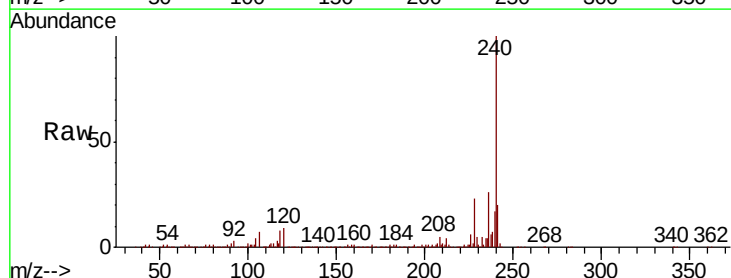
Tgt Ion:240 Resp: 528221

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

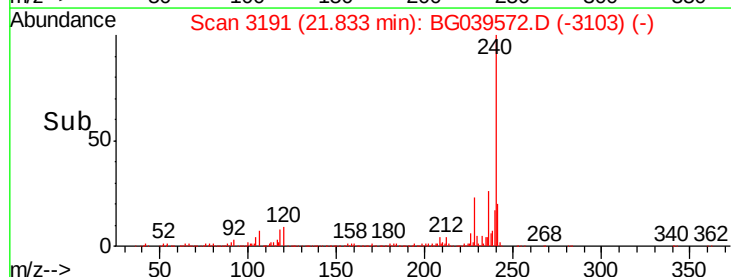
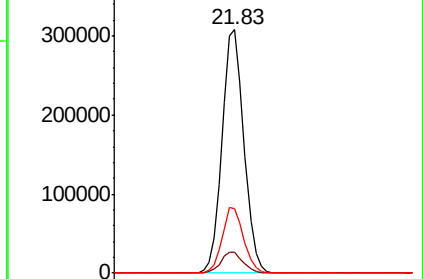
236 26.3 21.0 31.4

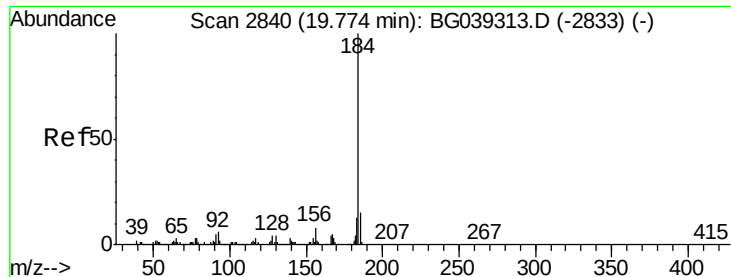


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.440 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Instrument :

BNA_G

ClientSampleId :

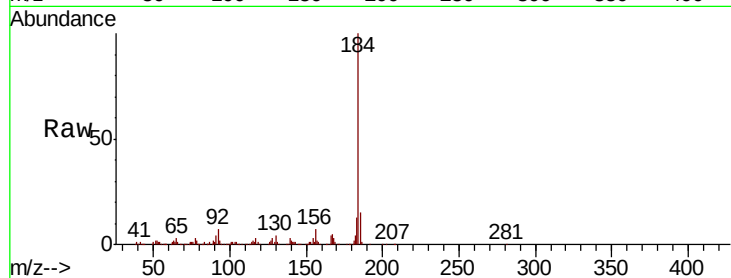
Tot Ion:184 Resp: 579120

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

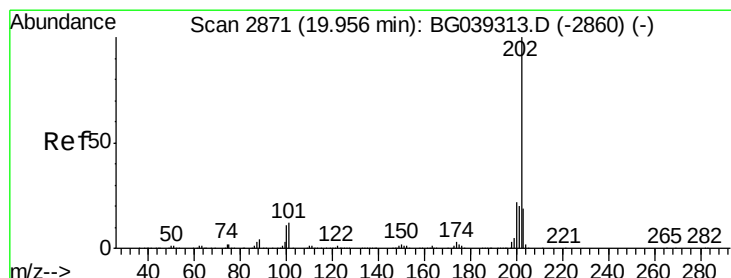
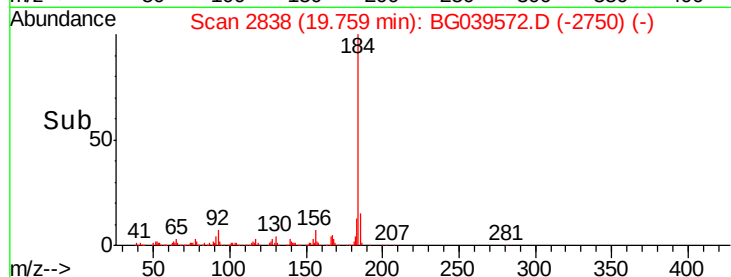
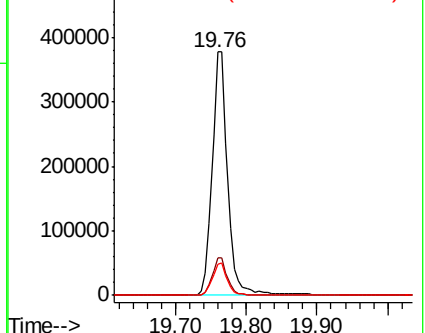
183 12.9 10.6 15.8



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: 37.407 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

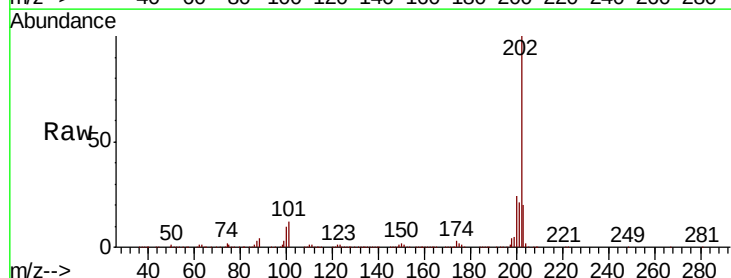
Tgt Ion:202 Resp: 1230055

Ion Ratio Lower Upper

202 100

200 23.7 17.8 26.8

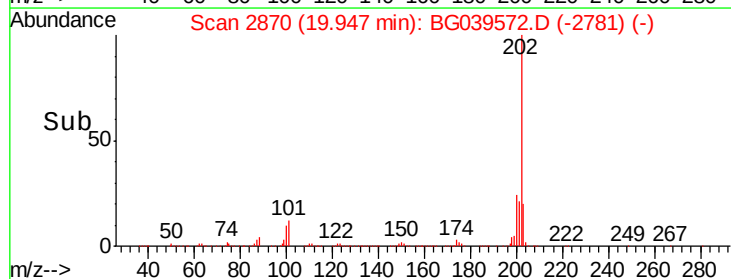
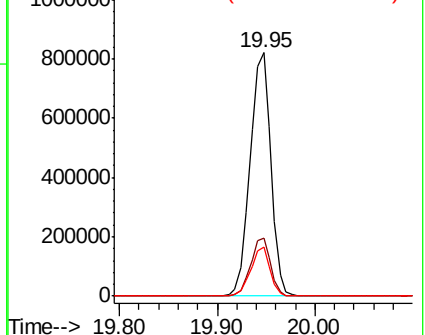
203 20.0 15.3 22.9

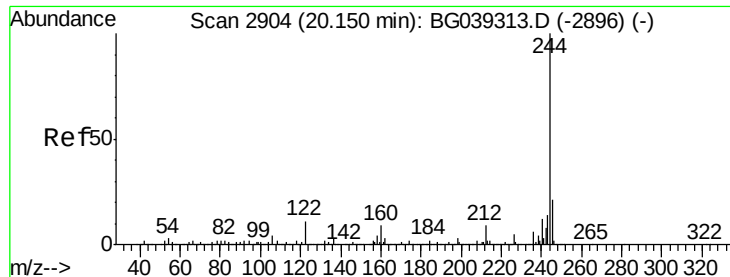


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.580 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

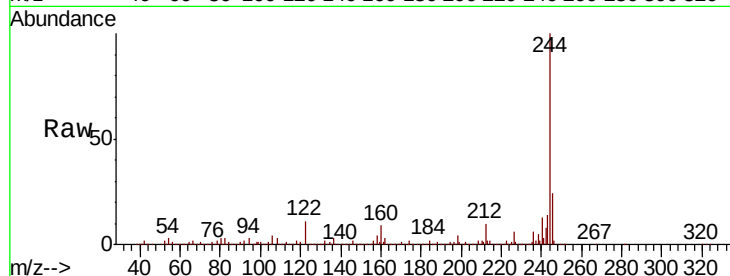
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1786280

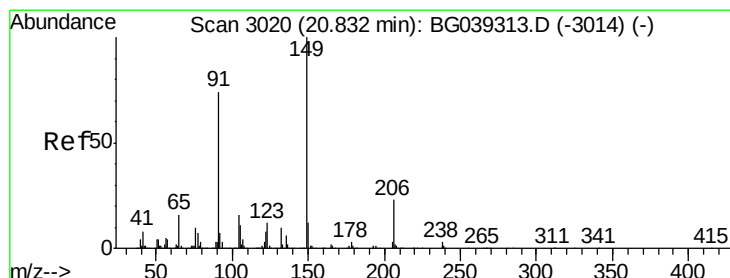
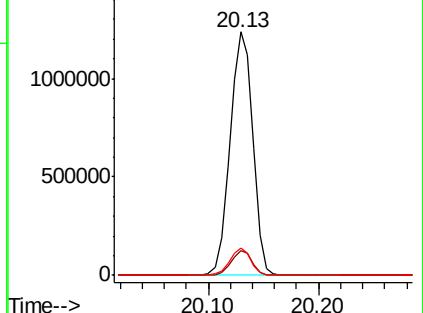
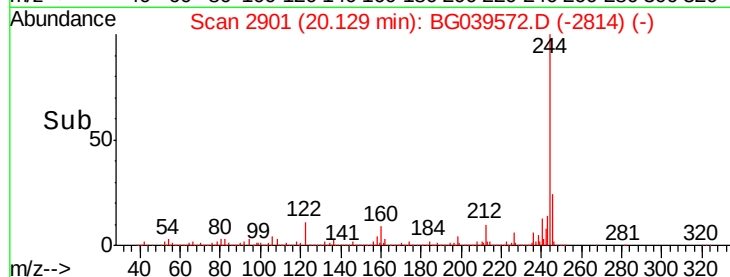
Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.3	10.9
122	11.1	8.4	12.6



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: 39.982 ng

RT: 20.81 min Scan# 3017

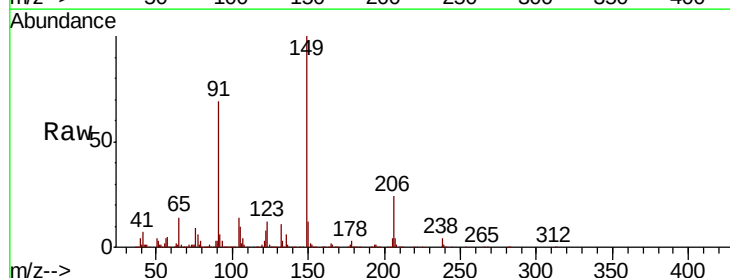
Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Tgt Ion:149 Resp: 554600

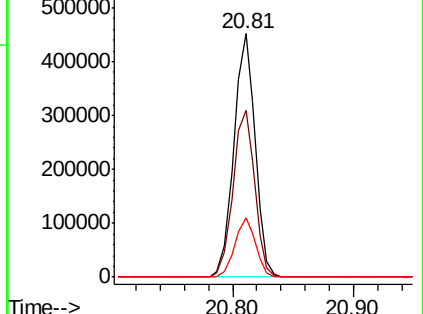
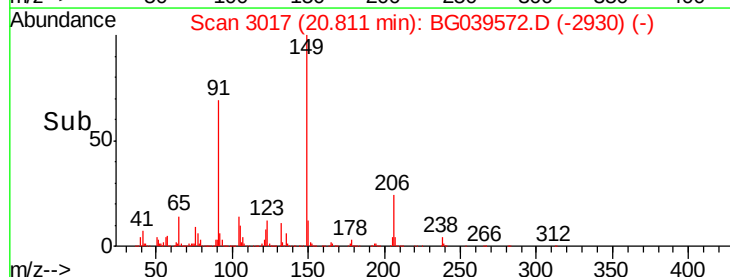
Ion	Ratio	Lower	Upper
149	100		
91	68.8	59.5	89.3
206	24.1	18.6	27.8

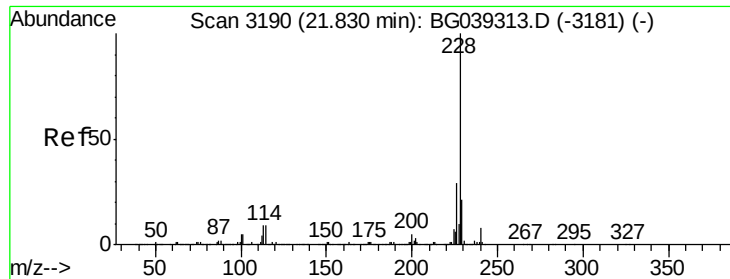


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.063 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

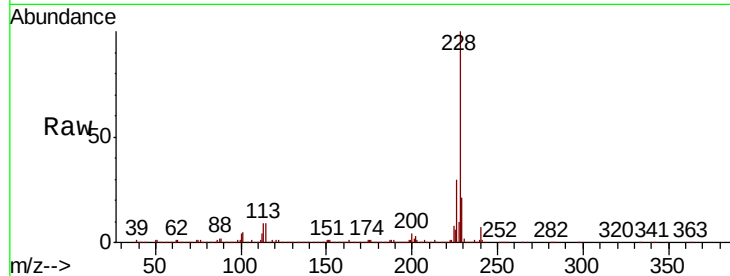
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1188020

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.6
229	21.5	16.9	25.3

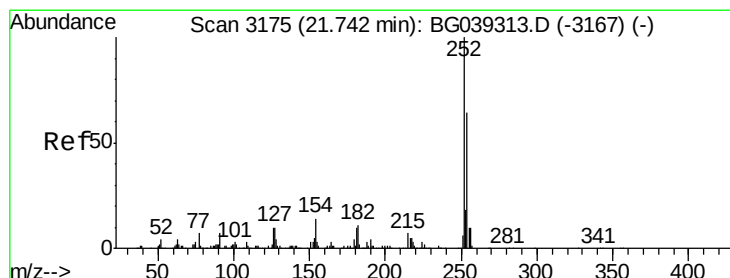
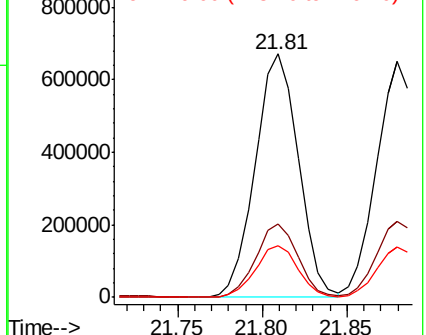
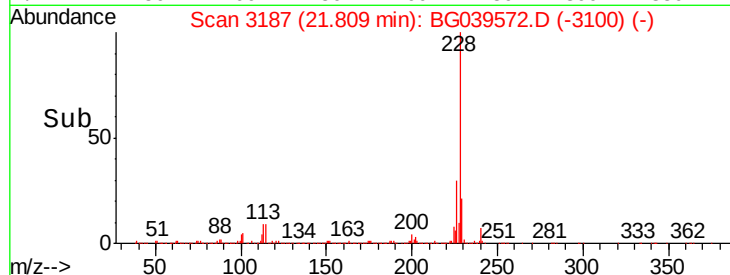


Abundance

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: 40.572 ng

RT: 21.72 min Scan# 3172

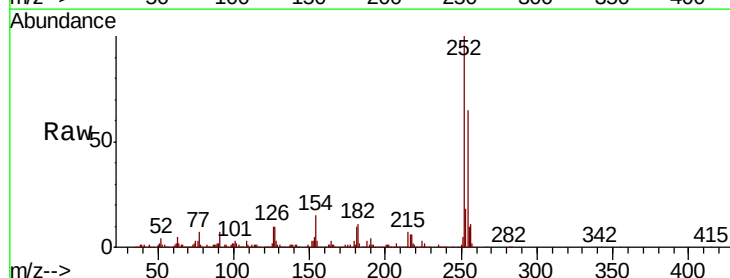
Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Tgt Ion:252 Resp: 469547

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	10.3	8.0	12.0

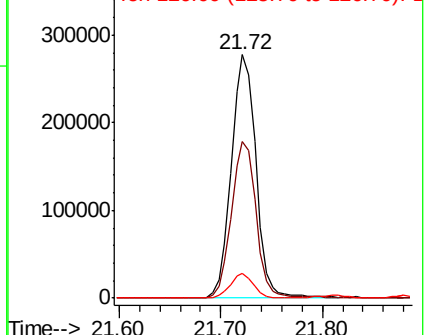
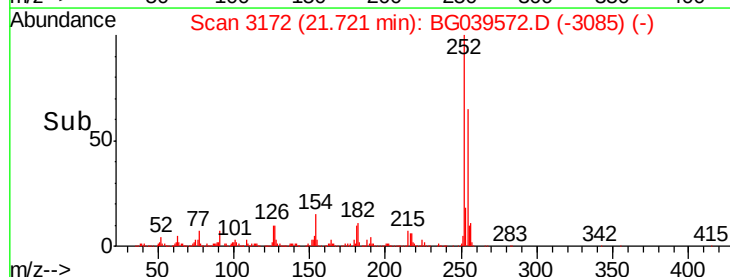


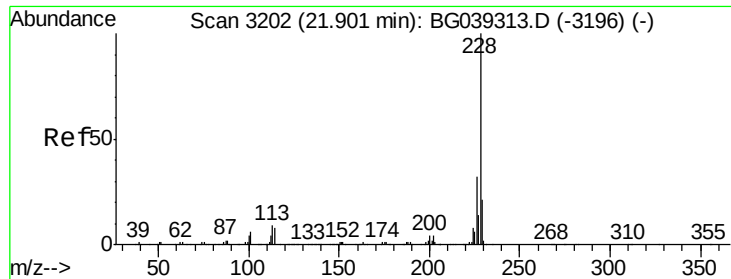
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.304 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

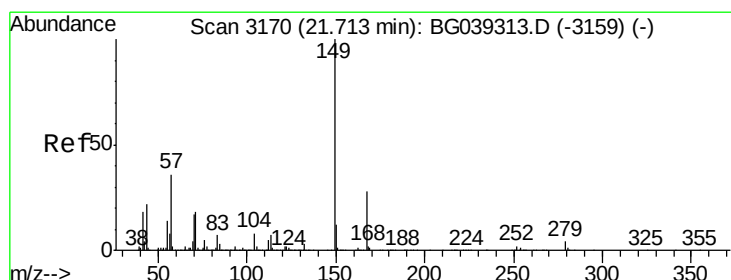
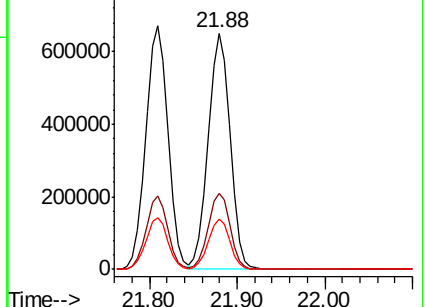
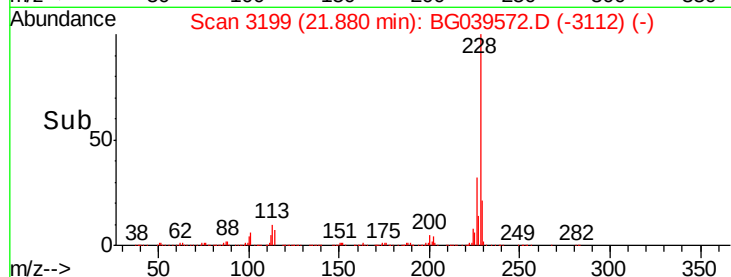
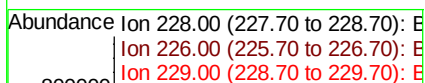
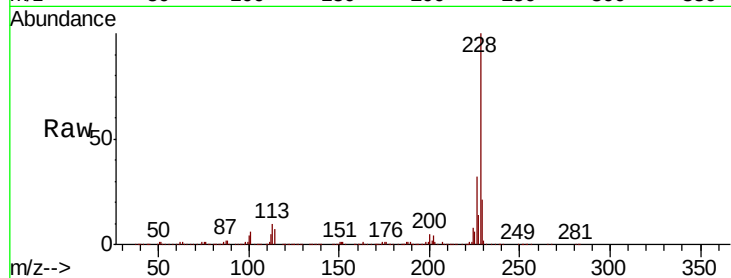
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1138090

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.6
229	21.1	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.279 ng

RT: 21.67 min Scan# 3164

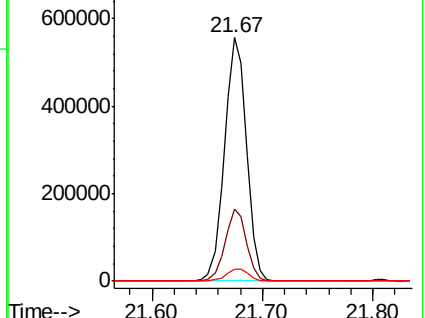
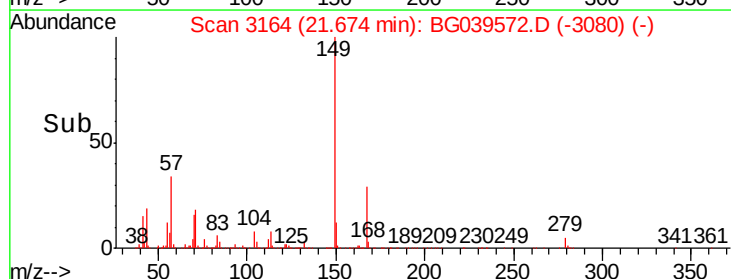
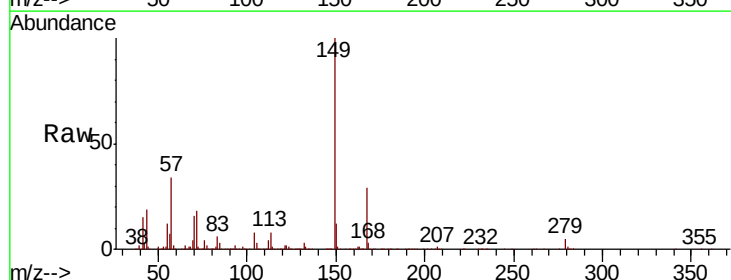
Delta R.T. -0.04 min

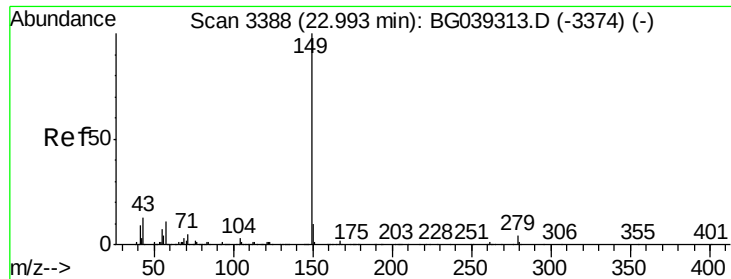
Lab File: BG039572.D

Acq: 21 Feb 2019 13:11

Tgt Ion:149 Resp: 777316

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.6	34.0
279	4.9	3.5	5.3

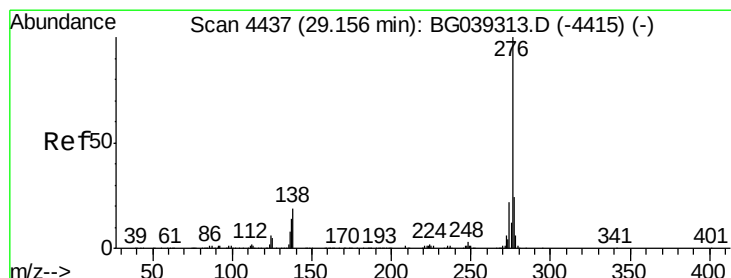
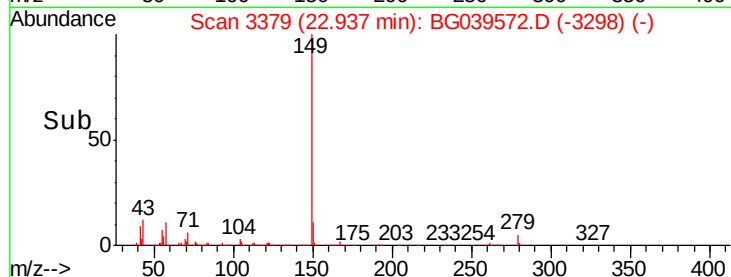
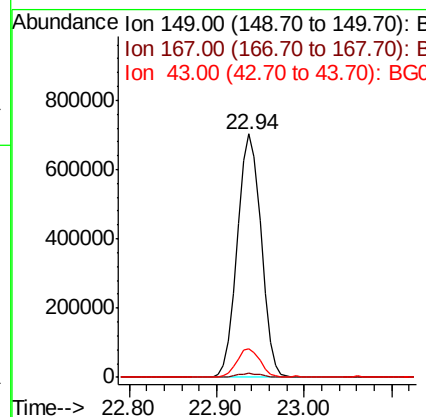
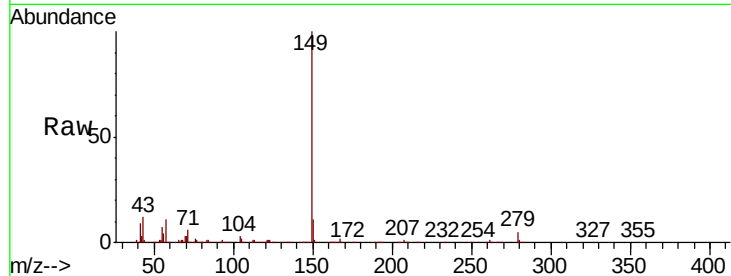




#85
 Di-n-octyl phthalate
 Concen: 39.423 ng
 RT: 22.94 min Scan# 3379
 Delta R.T. -0.06 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

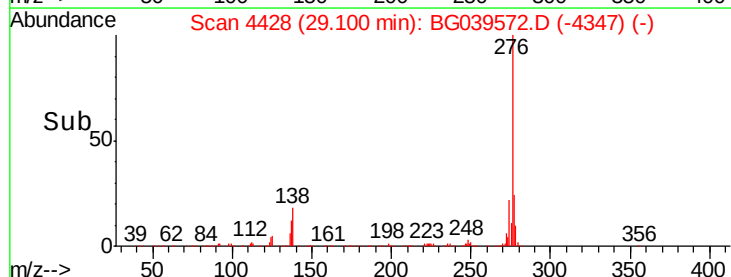
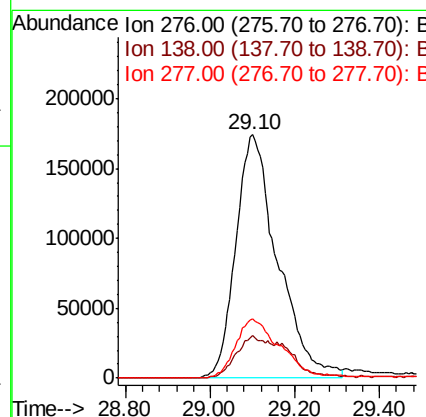
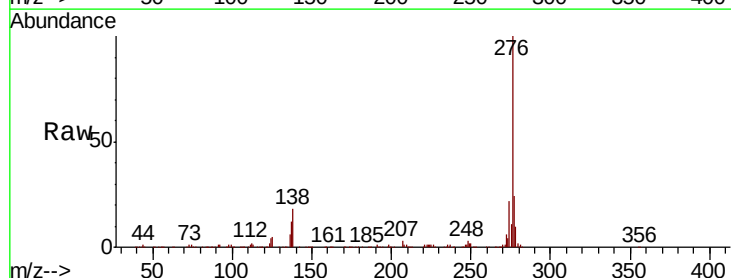
Instrument :
 BNA_G
 ClientSampleId :

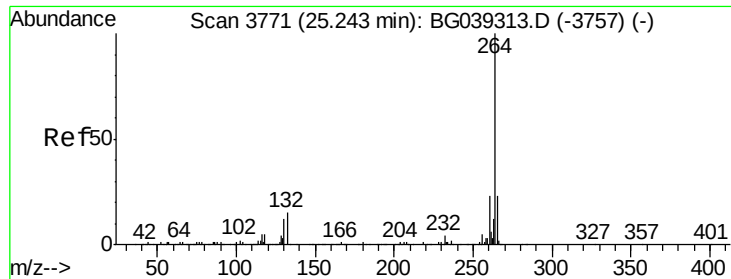
Tot Ion:149 Resp: 1288912
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.6 10.2 15.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 37.477 ng
 RT: 29.10 min Scan# 4428
 Delta R.T. -0.06 min
 Lab File: BG039572.D
 Acq: 21 Feb 2019 13:11

Tgt Ion:276 Resp: 1194721
 Ion Ratio Lower Upper
 276 100
 138 14.1 12.6 19.0
 277 25.8 20.8 31.2



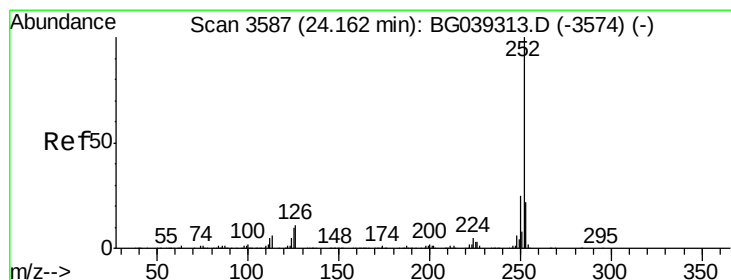
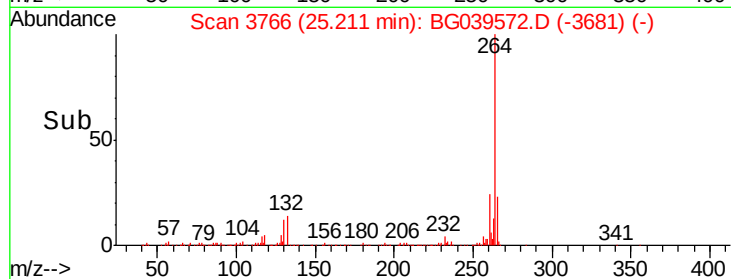
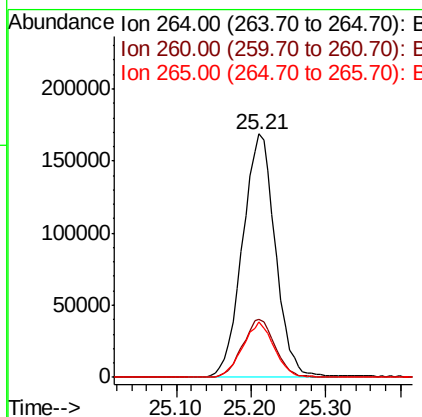
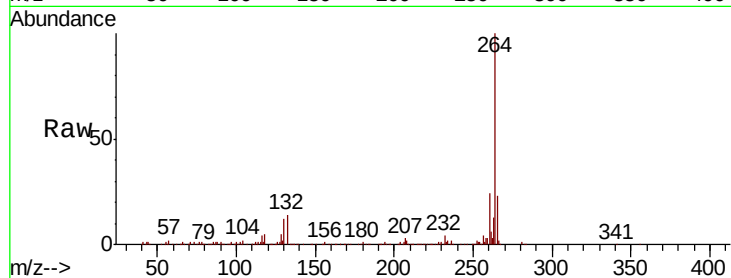


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 514744

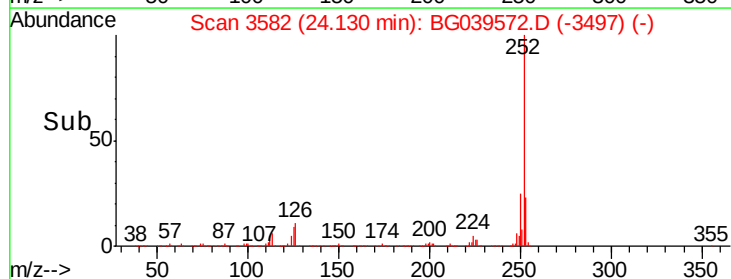
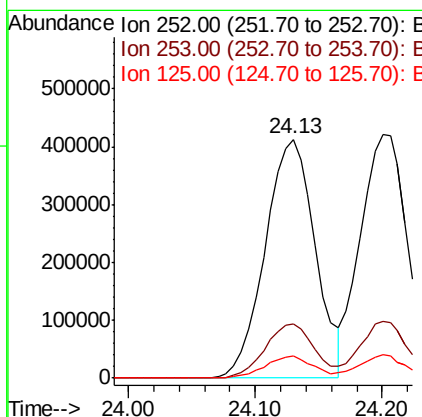
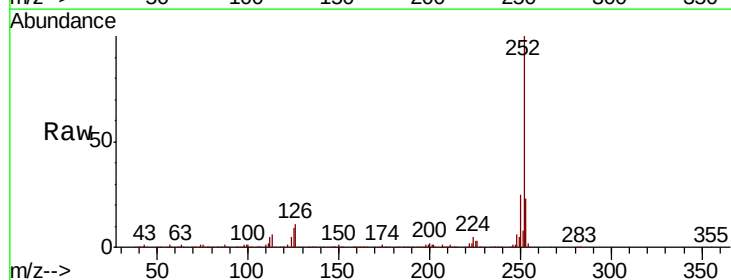
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.6	18.5	27.7

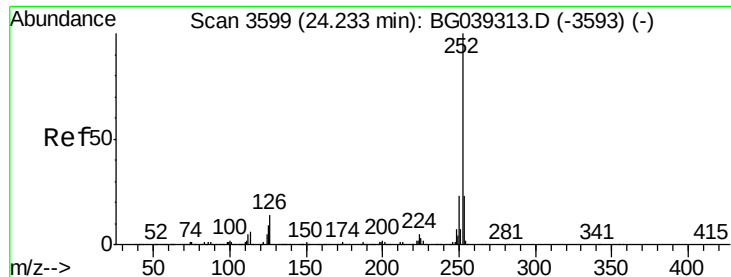


#88
Benzo(b)fluoranthene
Concen: 40.322 ng
RT: 24.13 min Scan# 3582
Delta R.T. -0.03 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion:252 Resp: 1131928

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.2	7.8	11.6

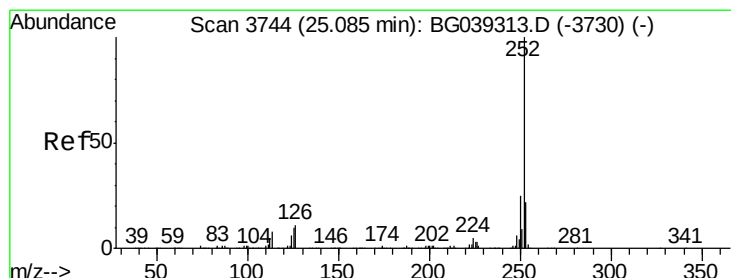
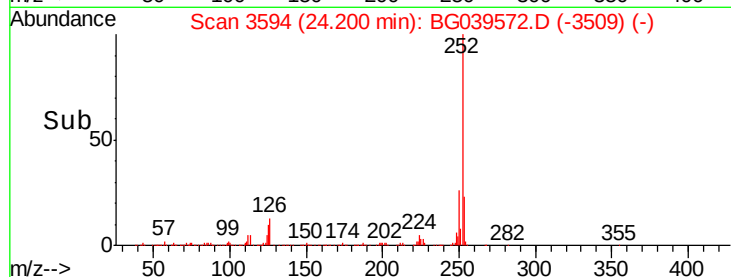
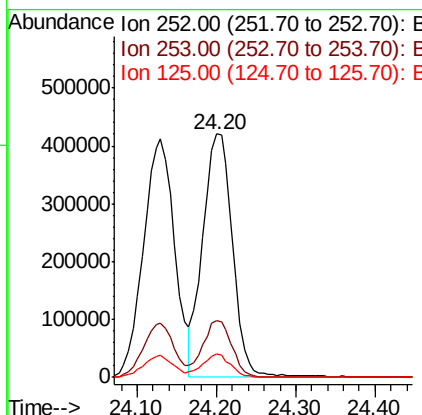
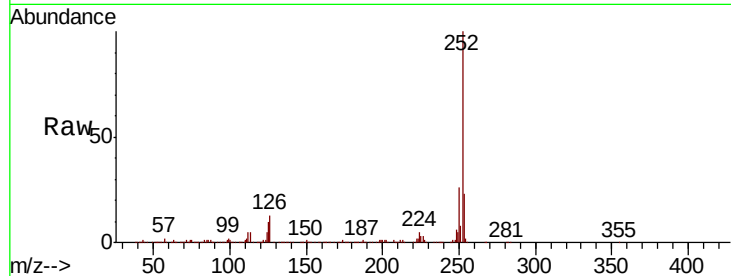




#89
Benzo(k)fluoranthene
Concen: 38.618 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

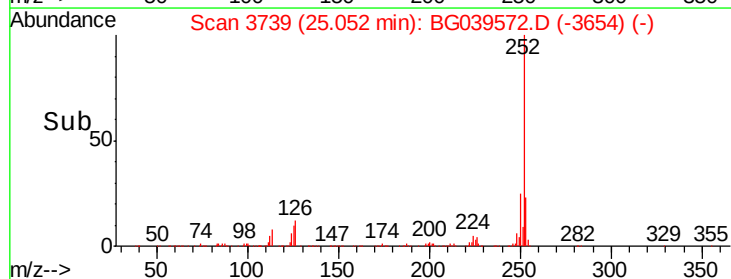
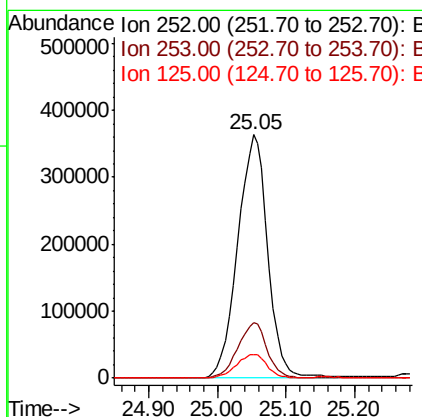
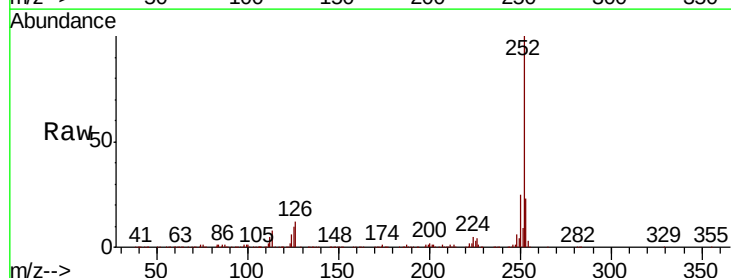
Instrument :
BNA_G
ClientSampleId :

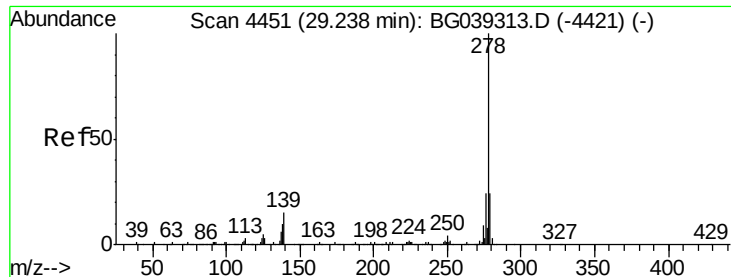
Tot Ion:252 Resp: 1088397
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 9.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.739 ng
RT: 25.05 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion:252 Resp: 1101390
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.6 8.3 12.5

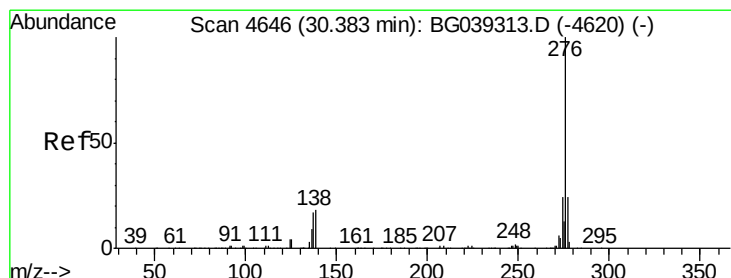
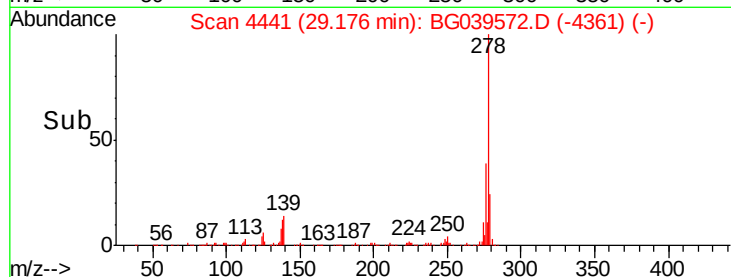
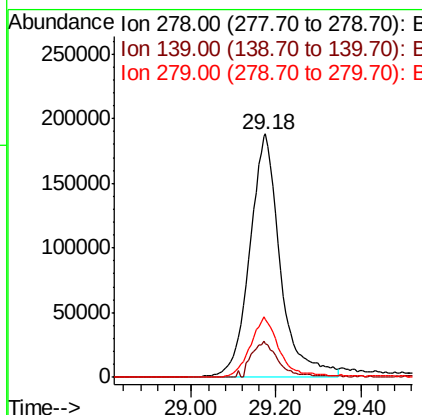
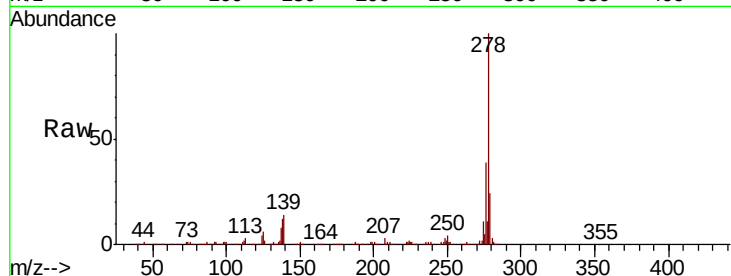




#91
Dibenzo(a,h)anthracene
Concen: 37.569 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.06 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 951179
Ion Ratio Lower Upper
278 100
139 14.0 11.7 17.5
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 37.199 ng
RT: 30.33 min Scan# 4638
Delta R.T. -0.05 min
Lab File: BG039572.D
Acq: 21 Feb 2019 13:11

Tgt Ion:276 Resp: 938751
Ion Ratio Lower Upper
276 100
277 24.5 19.6 29.4
138 18.3 14.7 22.1

