

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039660.D
 Acq On : 28 Feb 2019 15:03
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 06:02:19 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	64108	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	285726	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	179562	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	361847	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	357418	20.00	ng	-0.02
87) Perylene-d12	25.20	264	377421	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	313980	83.82	ng	0.00
7) Phenol-d6	7.31	99	465523	84.43	ng	0.00
23) Nitrobenzene-d5	9.35	82	440125	96.23	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	156588	80.98	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1019984	81.49	ng	-0.02
79) Terphenyl-d14	20.12	244	1256531	74.41	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	65657	40.072	ng	92
3) Pyridine	4.01	79	185979	42.872	ng	94
4) n-Nitrosodimethylamine	3.93	42	79000	36.414	ng	86
6) Aniline	7.49	93	275460	39.886	ng	99
8) 2-Chlorophenol	7.72	128	178848	43.681	ng	99
9) Benzaldehyde	7.31	77	114950	42.486	ng	97
10) Phenol	7.34	94	239773	41.718	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	187705	41.330	ng	98
12) 1,3-Dichlorobenzene	8.05	146	203374	41.002	ng	98
13) 1,4-Dichlorobenzene	8.20	146	209373	42.351	ng	97
14) 1,2-Dichlorobenzene	8.52	146	199188	41.619	ng	99
15) Benzyl Alcohol	8.41	79	177010	40.893	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	351899	34.312	ng	98
17) 2-Methylphenol	8.60	107	156615	42.108	ng	98
18) Hexachloroethane	9.25	117	71939	42.296	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	157098	40.145	ng	92
20) 3+4-Methylphenols	8.93	107	221816	43.309	ng	96
22) Acetophenone	9.00	105	305857	39.851	ng	# 93
24) Nitrobenzene	9.39	77	226286	45.797	ng	99
25) Isophorone	9.90	82	384907	37.977	ng	98
26) 2-Nitrophenol	10.10	139	115488	56.430	ng	95
27) 2,4-Dimethylphenol	10.14	122	167579	40.873	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	250011	40.048	ng	98
29) 2,4-Dichlorophenol	10.63	162	200927	44.840	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	217196	43.173	ng	99
31) Naphthalene	11.04	128	555136	39.164	ng	98
32) Benzoic acid	10.26	122	93215	37.216	ng	97
33) 4-Chloroaniline	11.15	127	258318	39.304	ng	99
34) Hexachlorobutadiene	11.30	225	147118	43.973	ng	96
35) Caprolactam	11.94	113	68997	37.210	ng	# 88
36) 4-Chloro-3-methylphenol	12.25	107	207484	40.037	ng	98
37) 2-Methylnaphthalene	12.63	142	408423	38.903	ng	96
38) 1-Methylnaphthalene	12.85	142	391096	38.646	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	255693	44.755	ng	98

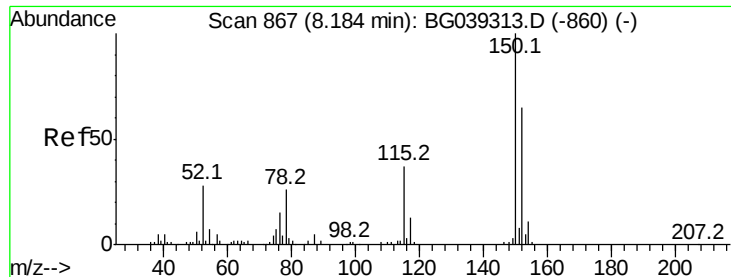
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
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 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	132649	42.609	ng	98
43) 2,4,6-Trichlorophenol	13.23	196	161201	45.890	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	168583	45.790	ng	98
46) 1,1'-Biphenyl	13.63	154	605142	40.505	ng	98
47) 2-Chloronaphthalene	13.67	162	468881	41.719	ng	99
48) 2-Nitroaniline	13.88	65	147845	46.174	ng	93
49) Acenaphthylene	14.52	152	670638	39.545	ng	99
50) Dimethylphthalate	14.24	163	566057	39.033	ng	100
51) 2,6-Dinitrotoluene	14.37	165	127105	47.046	ng	98
52) Acenaphthene	14.86	154	422750	38.403	ng	99
53) 3-Nitroaniline	14.70	138	124371	43.187	ng	# 90
54) 2,4-Dinitrophenol	14.90	184	34631	38.944	ng	95
55) Dibenzofuran	15.18	168	694004	39.320	ng	98
56) 4-Nitrophenol	14.99	139	83270	35.251	ng	93
57) 2,4-Dinitrotoluene	15.15	165	170833	49.009	ng	85
58) Fluorene	15.84	166	493399	37.500	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	140264	40.690	ng	97
60) Diethylphthalate	15.59	149	541858	36.138	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	303860	40.786	ng	96
62) 4-Nitroaniline	15.87	138	116655	39.204	ng	93
63) Azobenzene	16.11	77	495122	33.784	ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	81167	54.148	ng	95
66) n-Nitrosodiphenylamine	16.04	169	476291	43.289	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	185718	46.264	ng	92
68) Hexachlorobenzene	16.83	284	184131	45.718	ng	92
69) Atrazine	16.97	200	129132	32.116	ng	98
70) Pentachlorophenol	17.17	266	98327	35.127	ng	94
71) Phenanthrene	17.58	178	736104	39.305	ng	99
72) Anthracene	17.67	178	717828	38.912	ng	99
73) Carbazole	17.94	167	680352	36.955	ng	98
74) Di-n-butylphthalate	18.47	149	760975	35.431	ng	100
75) Fluoranthene	19.58	202	820522	37.747	ng	99
77) Benzidine	19.75	184	346746	29.590	ng	97
78) Pyrene	19.94	202	835084	37.531	ng	98
80) Butylbenzylphthalate	20.81	149	379669	40.451	ng	93
81) Benzo(a)anthracene	21.80	228	843764	39.952	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	327785	41.857	ng	99
83) Chrysene	21.88	228	810164	40.298	ng	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	528312	39.454	ng	98
85) Di-n-octyl phthalate	22.93	149	884103	39.964	ng	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	926733	42.963	ng	# 97
88) Benzo(b)fluoranthene	24.12	252	826860	40.172	ng	98
89) Benzo(k)fluoranthene	24.19	252	802047	38.812	ng	99
90) Benzo(a)pyrene	25.04	252	788050	39.755	ng	99
91) Dibenzo(a,h)anthracene	29.15	278	755210	40.681	ng	98
92) Benzo(g,h,i)perylene	30.31	276	750196	40.544	ng	99

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

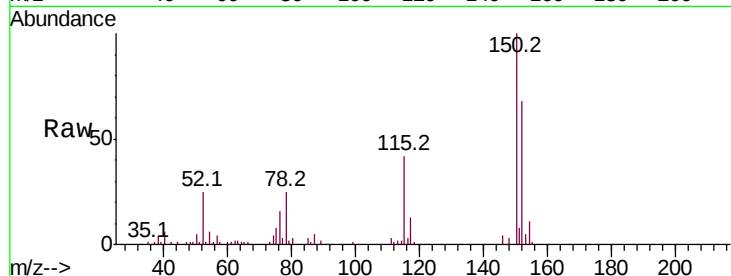


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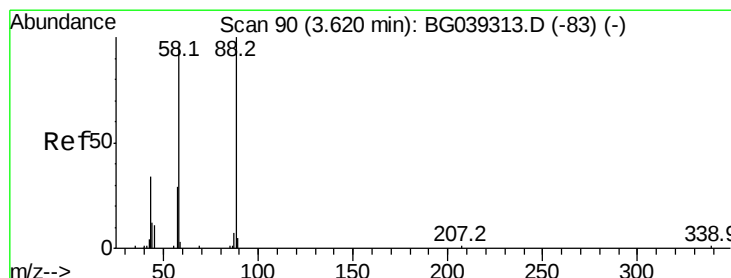
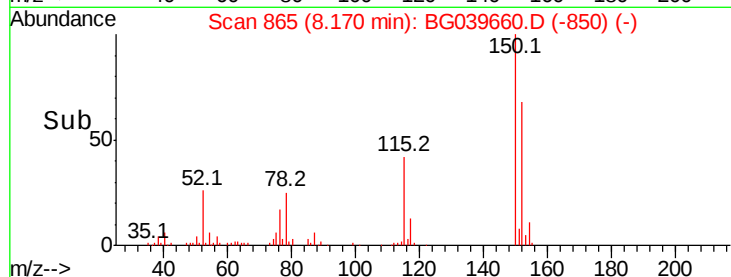
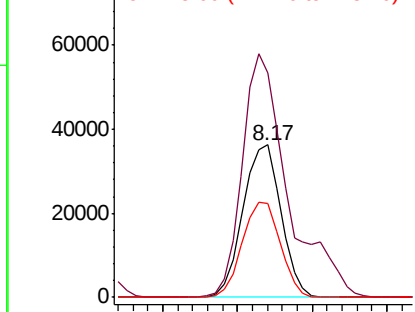
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 64108
Ion Ratio Lower Upper
152 100
150 147.5 123.7 185.5
115 61.3 45.9 68.9



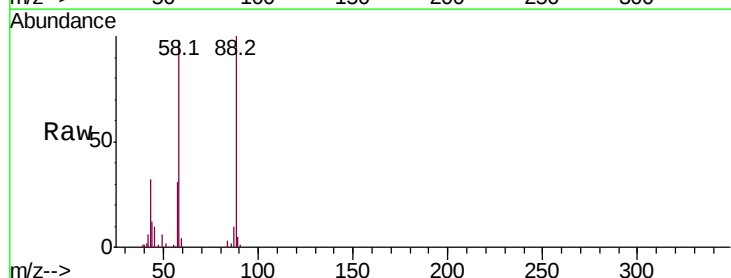
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



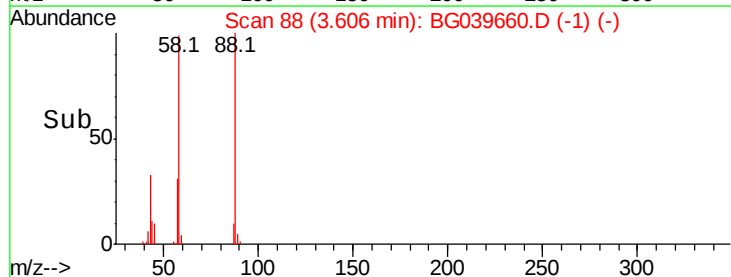
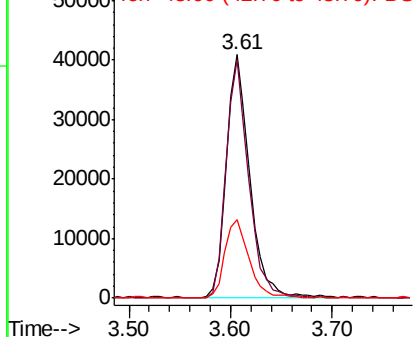
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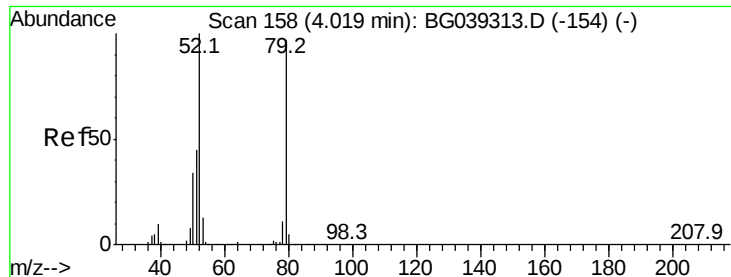
1,4-Dioxane
Concen: 40.072 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion: 88 Resp: 65657
Ion Ratio Lower Upper
88 100
58 93.7 81.1 121.7
43 33.2 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: 42.872 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

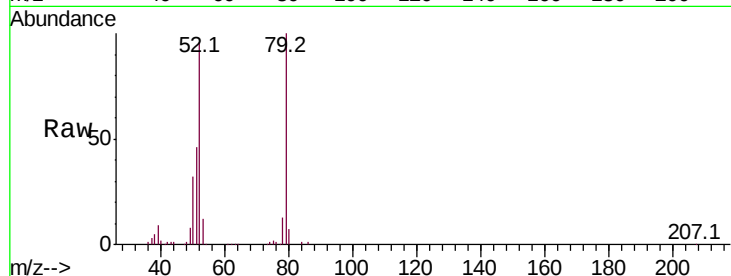
Tot Ion: 79 Resp: 185979

Ion Ratio Lower Upper

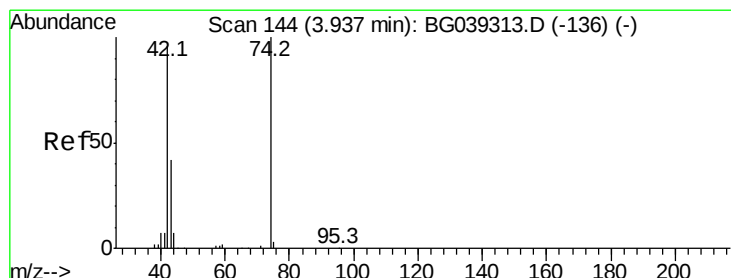
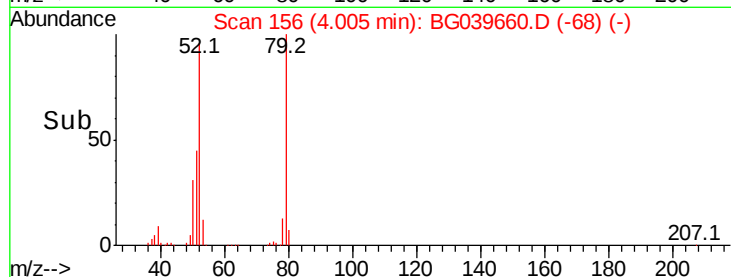
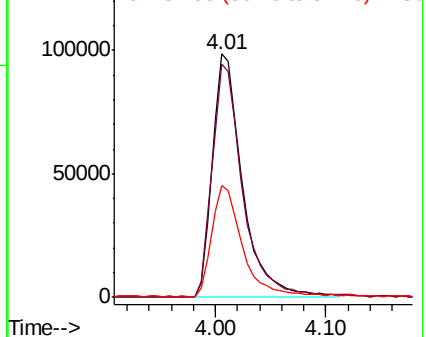
79 100

52 95.7 82.6 124.0

51 46.1 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 36.414 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

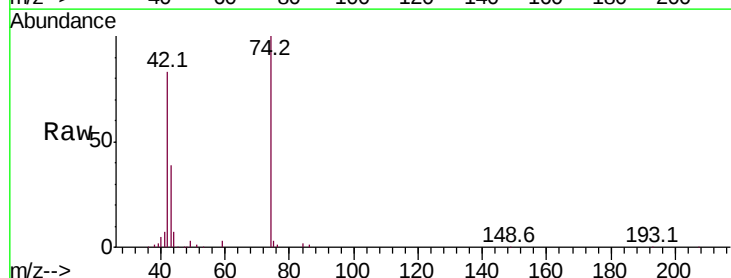
Tgt Ion: 42 Resp: 79000

Ion Ratio Lower Upper

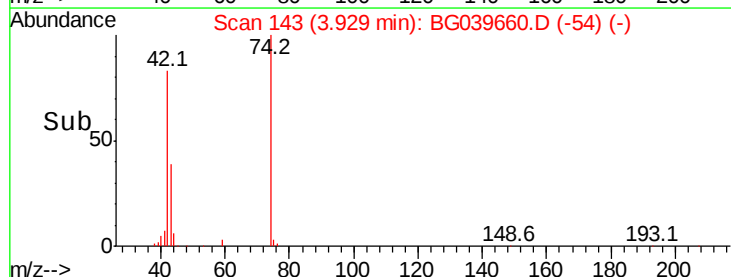
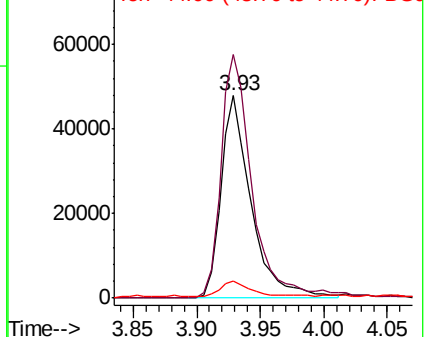
42 100

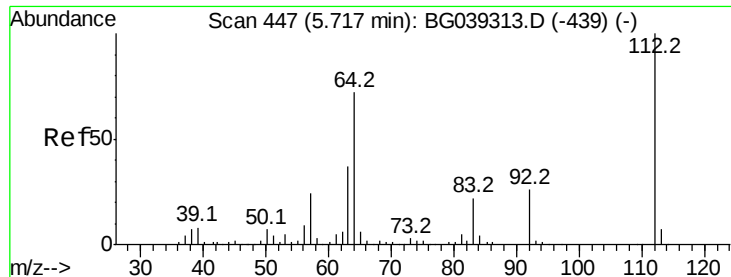
74 120.4 83.6 125.4

44 8.6 6.9 10.3



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

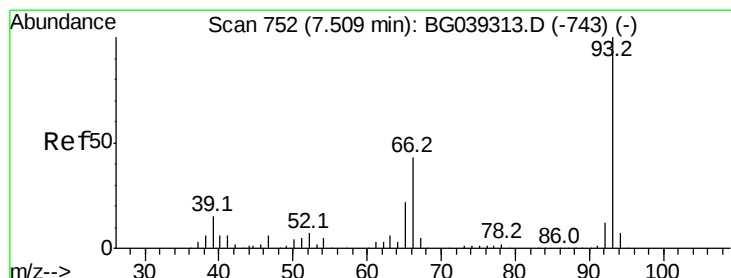
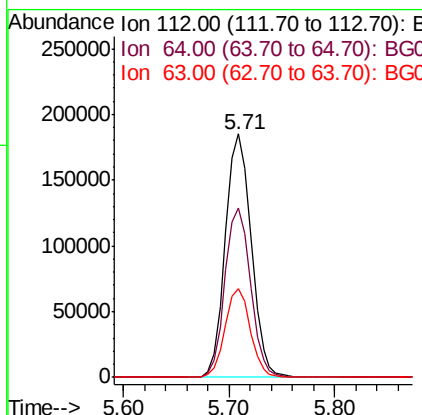
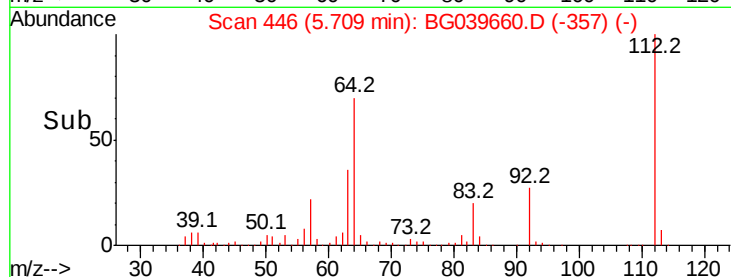
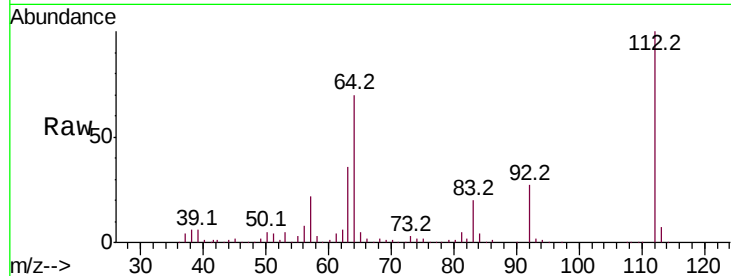




#5
 2-Fluorophenol
 Concen: 83.824 ng
 RT: 5.71 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

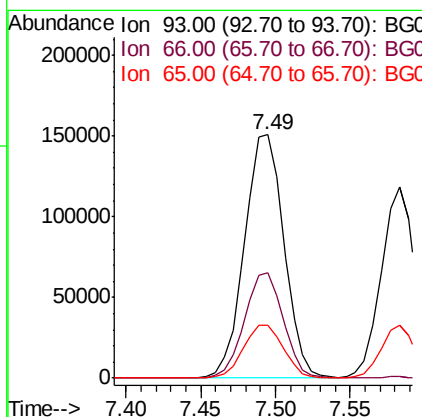
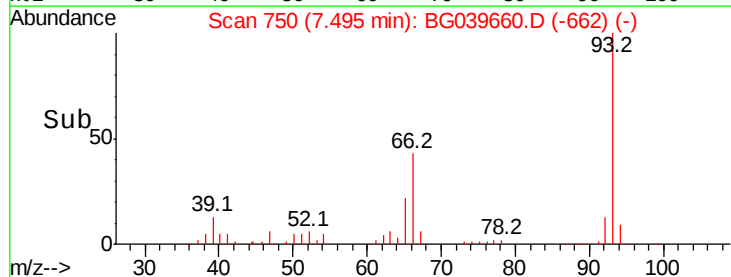
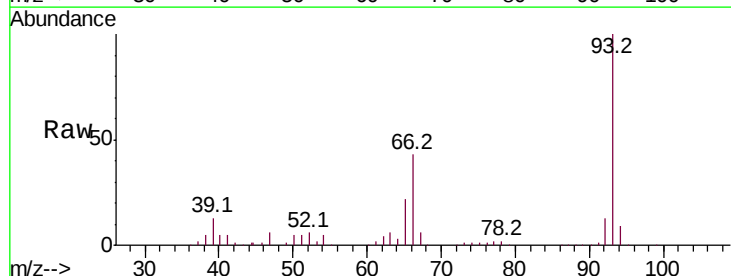
Instrument :
 BNA_G
 ClientSampled :

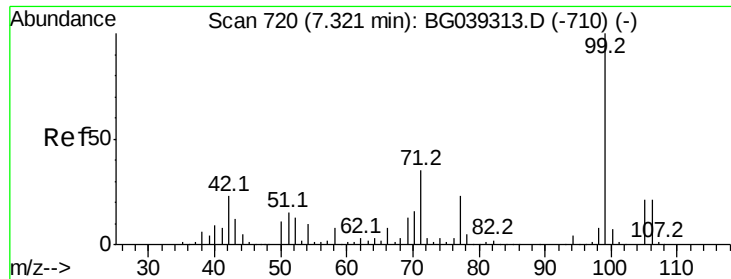
Tot Ion:	112	Resp:	313980
Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.8	86.8
63	36.2	29.8	44.6



#6
 Aniline
 Concen: 39.886 ng
 RT: 7.49 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Tgt Ion:	93	Resp:	275460
Ion	Ratio	Lower	Upper
93	100		
66	43.3	34.2	51.4
65	22.0	17.7	26.5





#7

Phenol-d6

Concen: 84.432 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

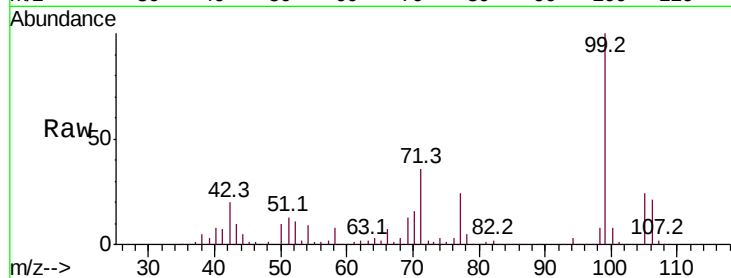
Tot Ion: 99 Resp: 465523

Ion Ratio Lower Upper

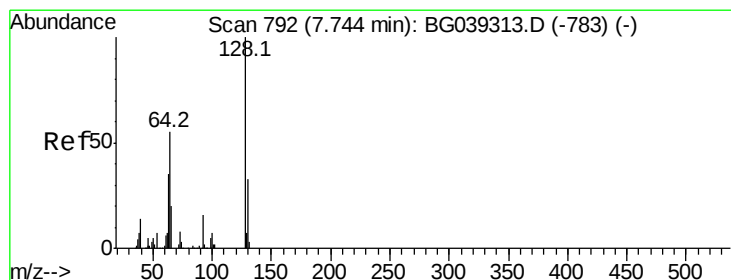
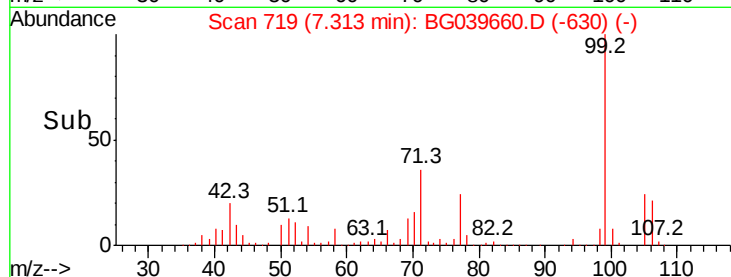
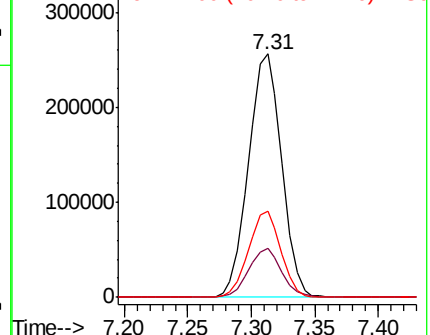
99 100

42 20.3 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: 43.681 ng

RT: 7.72 min Scan# 789

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

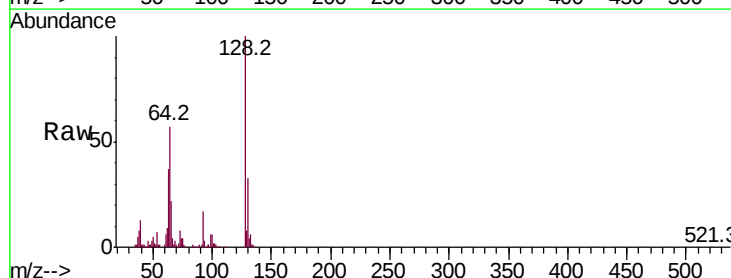
Tgt Ion: 128 Resp: 178848

Ion Ratio Lower Upper

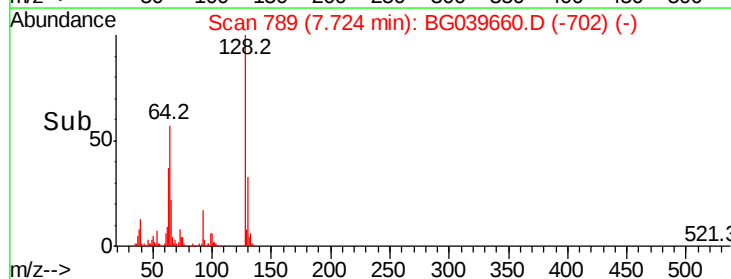
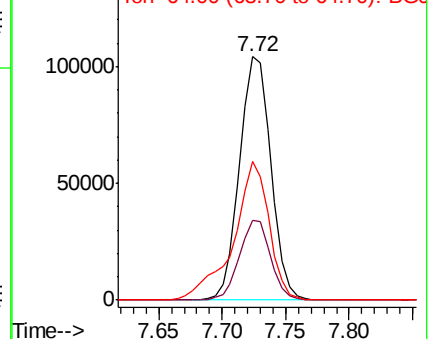
128 100

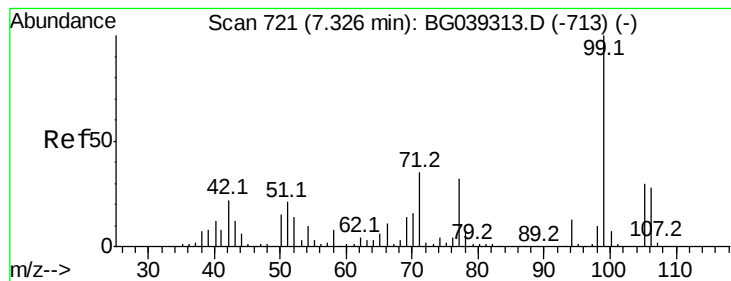
130 33.0 12.9 52.9

64 57.1 38.7 78.7



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





#9

Benzaldehyde

Concen: 42.486 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampled :

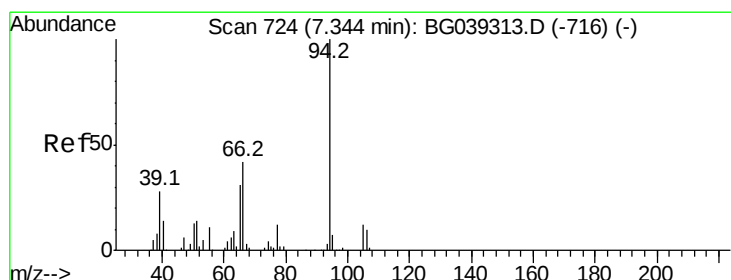
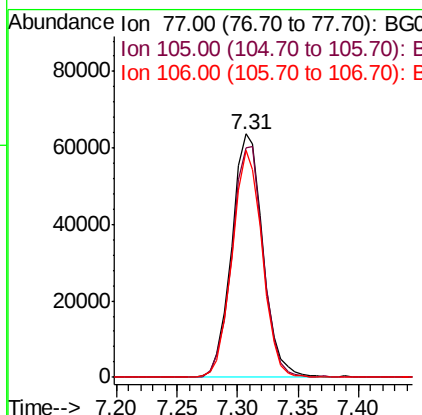
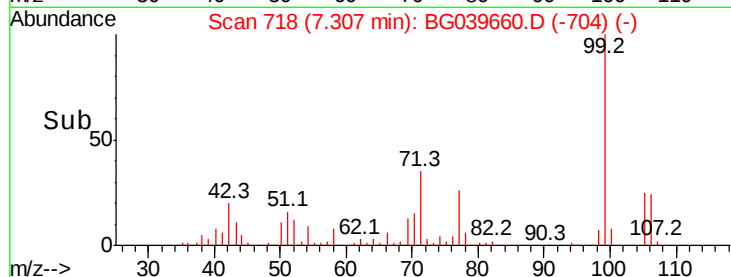
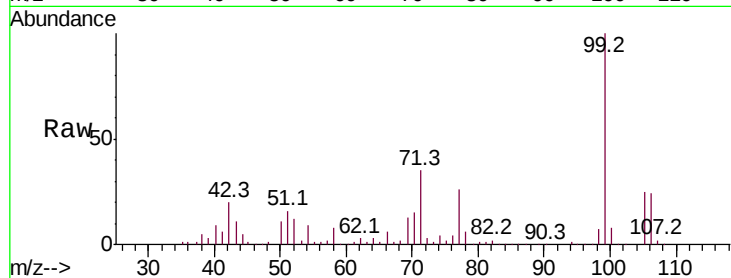
Tot Ion: 77 Resp: 114950

Ion Ratio Lower Upper

77 100

105 94.4 74.5 114.5

106 93.2 68.0 108.0



#10

Phenol

Concen: 41.718 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

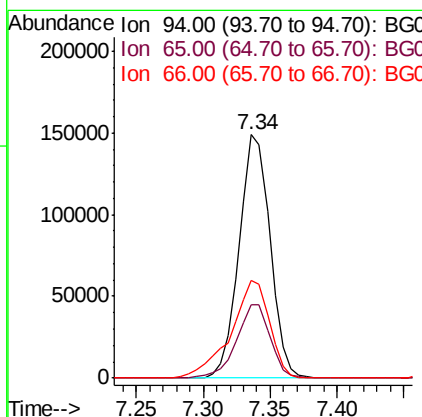
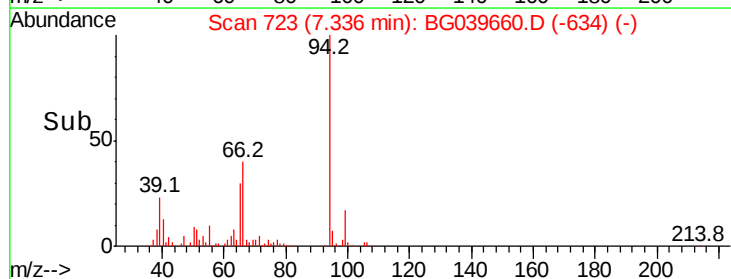
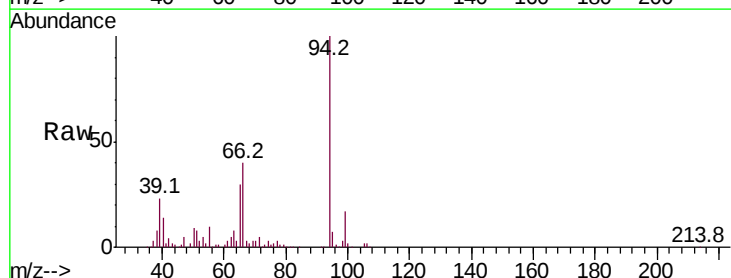
Tgt Ion: 94 Resp: 239773

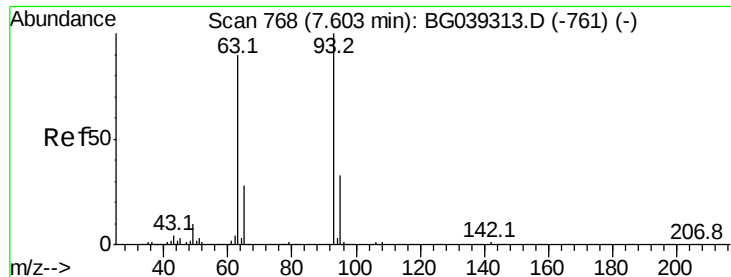
Ion Ratio Lower Upper

94 100

65 30.2 11.7 51.7

66 40.1 23.7 63.7





#11

bis(2-Chloroethyl)ether

Concen: 41.330 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

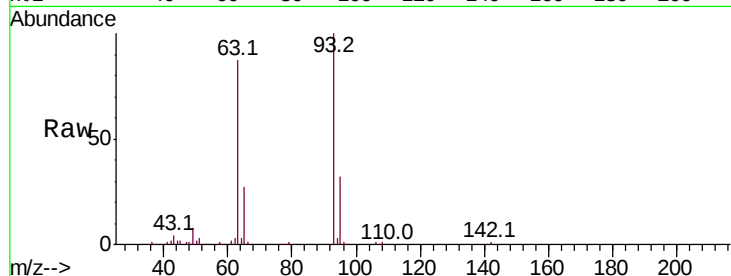
Tot Ion: 93 Resp: 187705

Ion Ratio Lower Upper

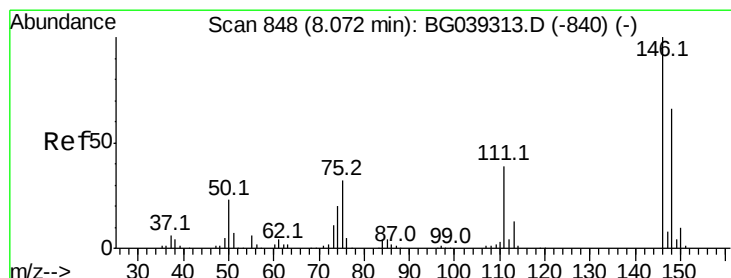
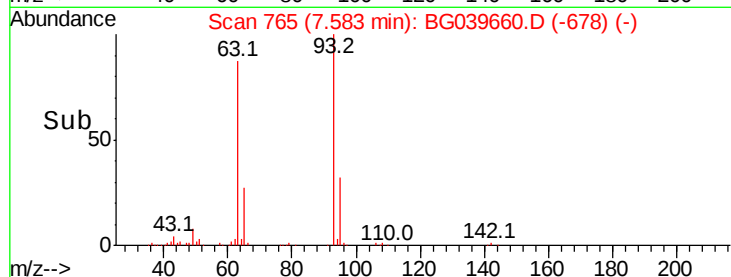
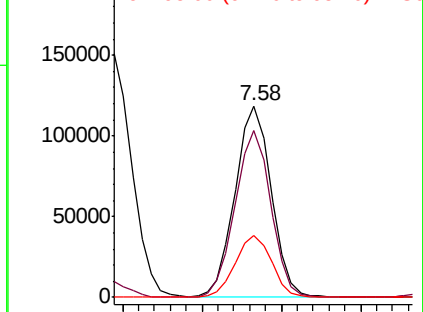
93 100

63 87.2 69.5 109.5

95 32.1 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 41.002 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

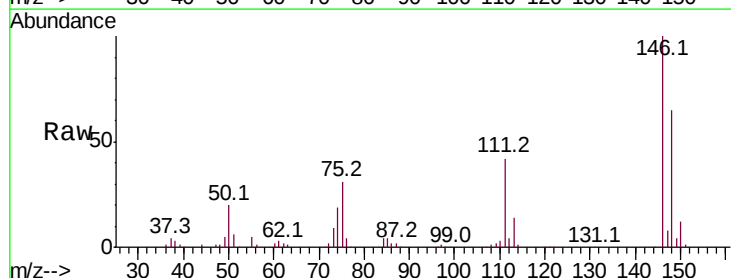
Tgt Ion: 146 Resp: 203374

Ion Ratio Lower Upper

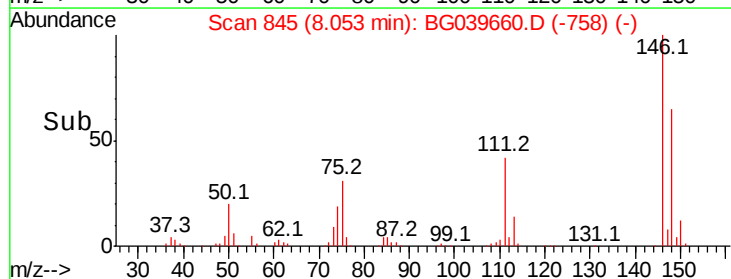
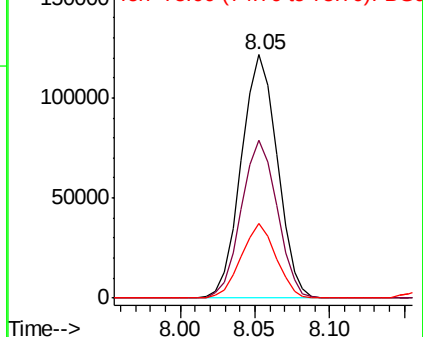
146 100

148 64.8 52.6 79.0

75 30.6 25.8 38.6



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

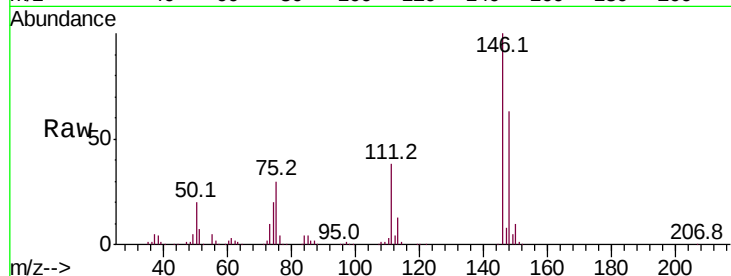




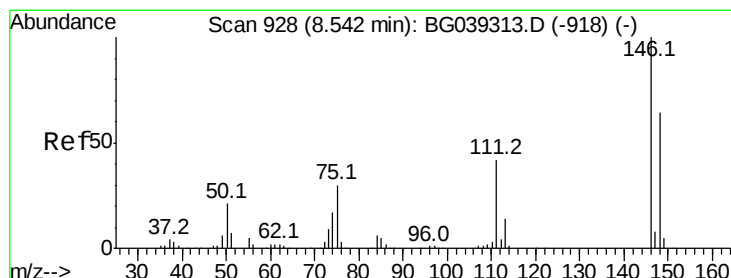
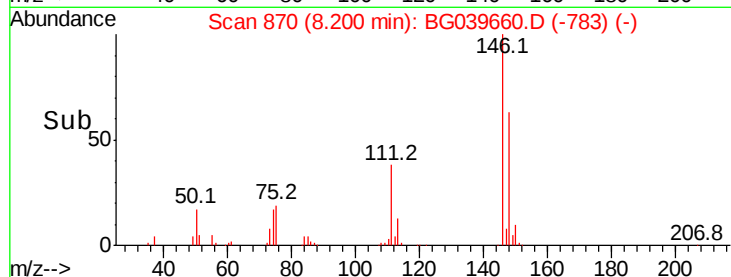
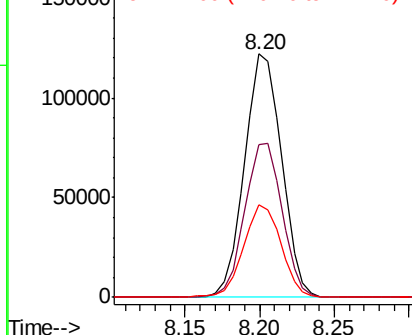
#13
1,4-Dichlorobenzene
Concen: 42.351 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 209373
Ion Ratio Lower Upper
146 100
148 62.7 51.1 76.7
111 38.0 32.6 48.8

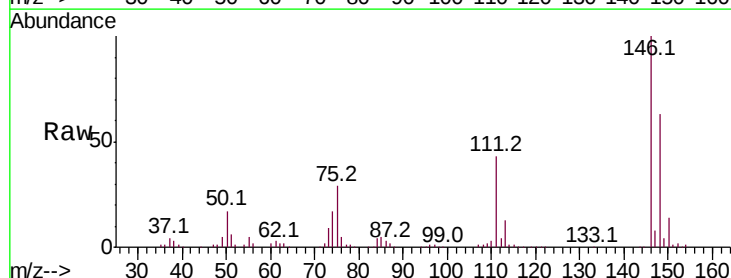


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

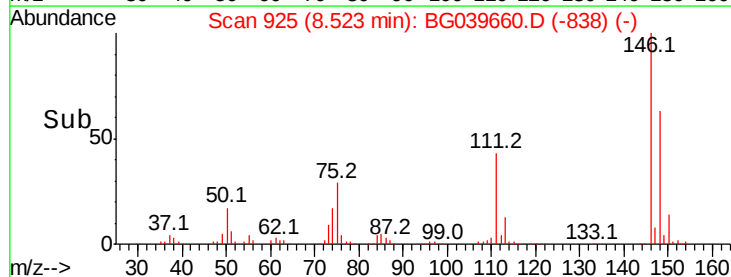
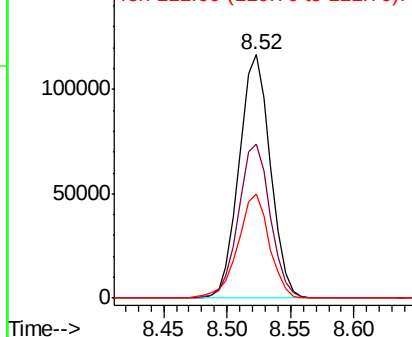


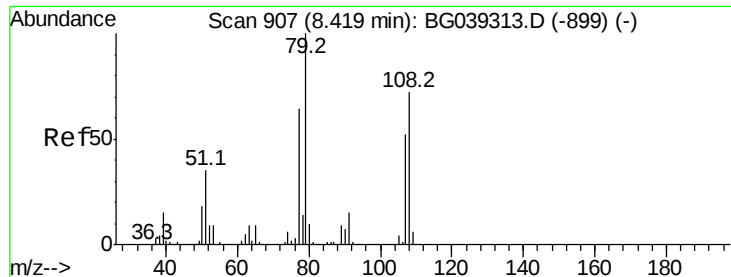
#14
1,2-Dichlorobenzene
Concen: 41.619 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion:146 Resp: 199188
Ion Ratio Lower Upper
146 100
148 63.1 51.5 77.3
111 42.9 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.893 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

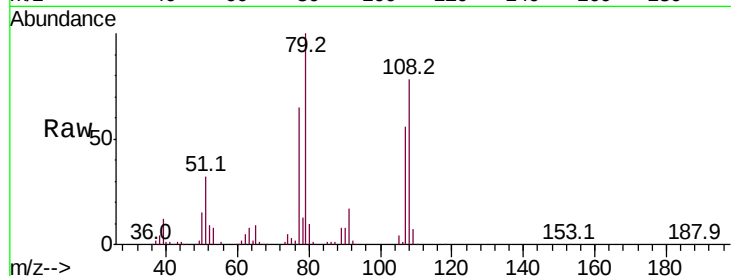
Tot Ion: 79 Resp: 177010

Ion Ratio Lower Upper

79 100

108 77.7 57.8 86.6

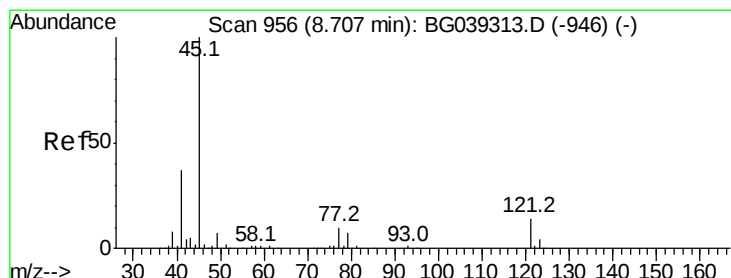
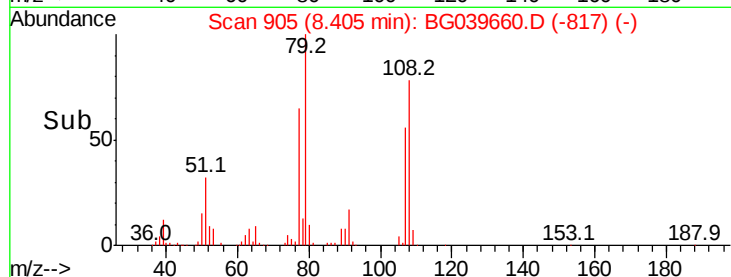
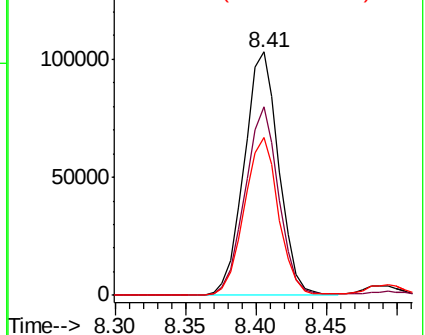
77 64.9 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.312 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

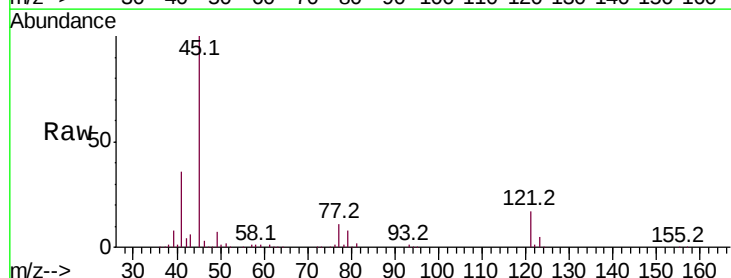
Tgt Ion: 45 Resp: 351899

Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.0

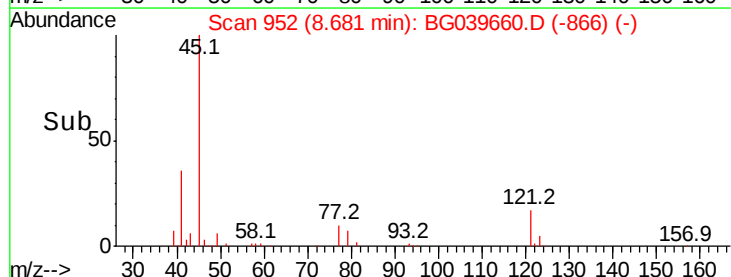
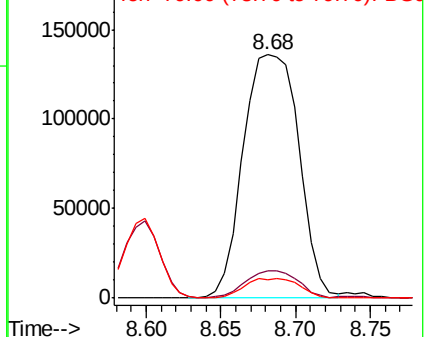
79 7.7 0.0 27.5

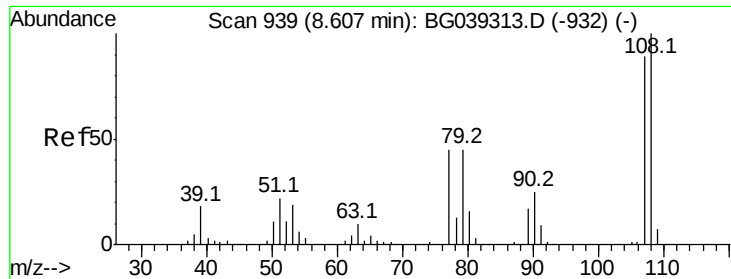


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

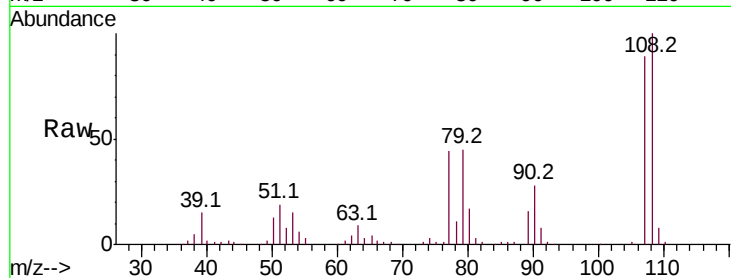




#17
2-Methylphenol
Concen: 42.108 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.8	136.2
77	48.7	40.7	61.1
79	50.4	40.6	60.8



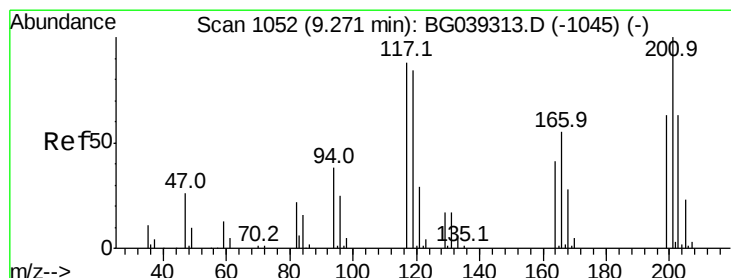
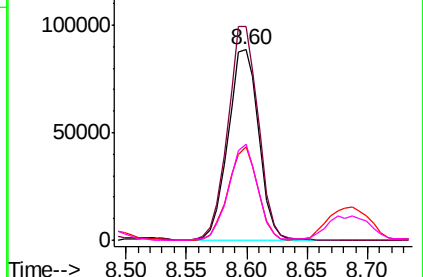
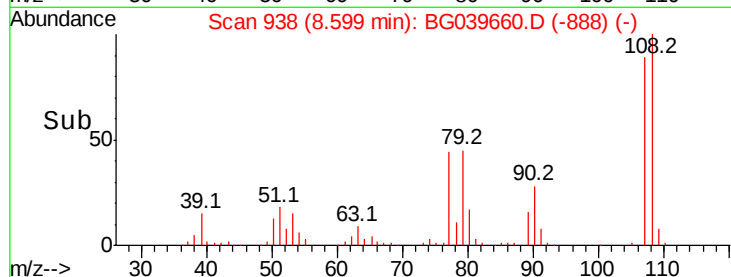
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

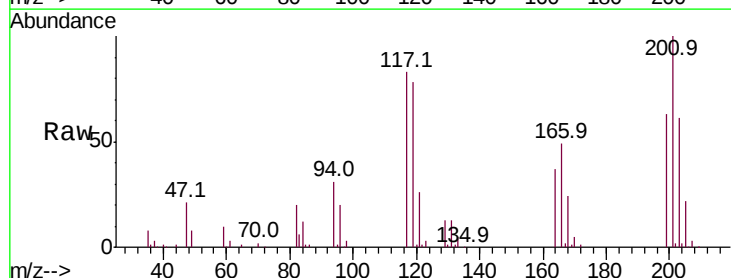
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.296 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.3	114.5
201	119.8	91.1	136.7

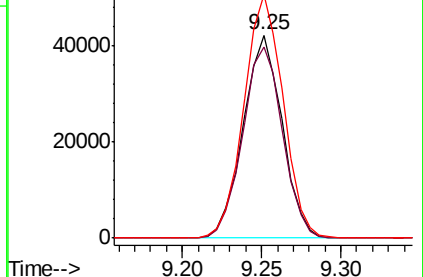
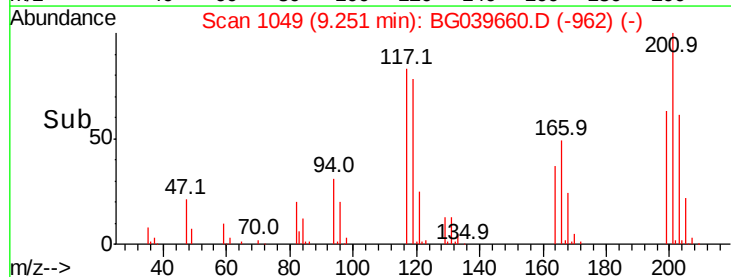


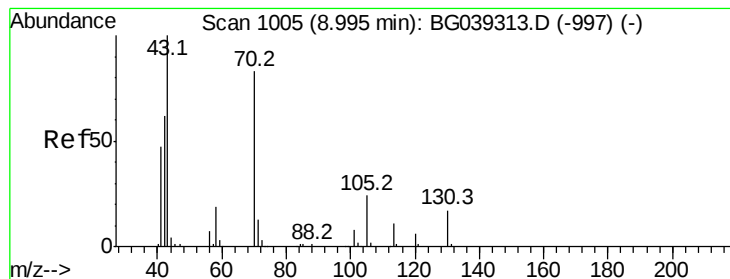
Abundance

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: 40.145 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 157098

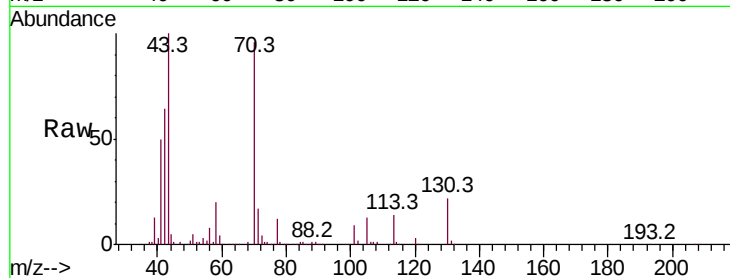
Ion Ratio Lower Upper

70 100

42 66.6 60.4 90.6

101 9.2 7.5 11.3

130 22.8 16.9 25.3

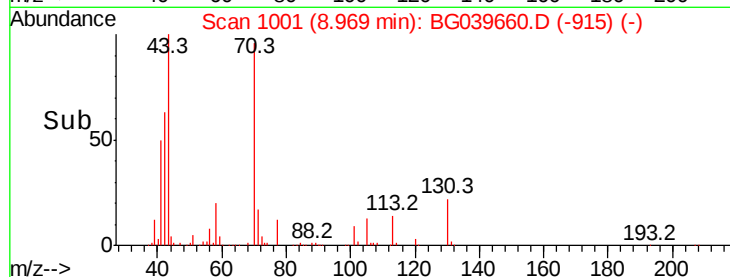
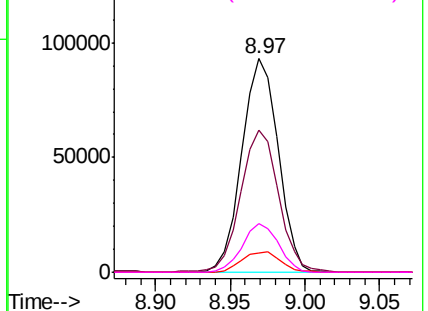


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 43.309 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Tgt Ion: 107 Resp: 221816

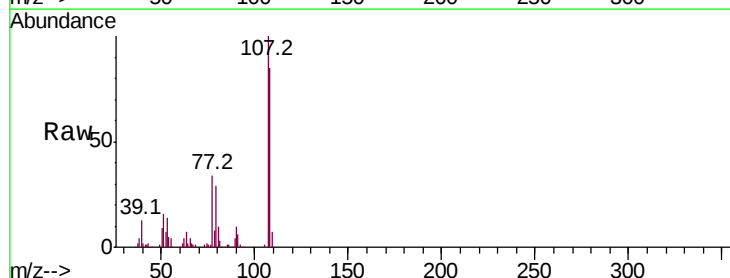
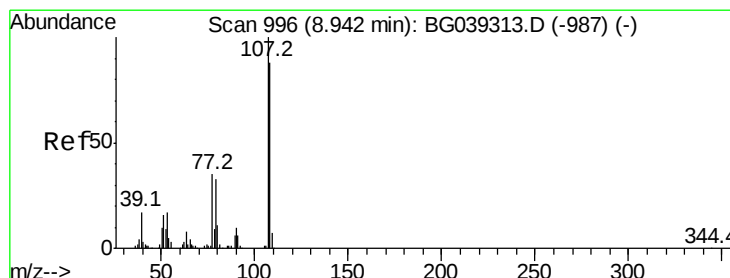
Ion Ratio Lower Upper

107 100

108 85.4 67.9 107.9

77 34.2 15.4 55.4

79 29.0 13.7 53.7

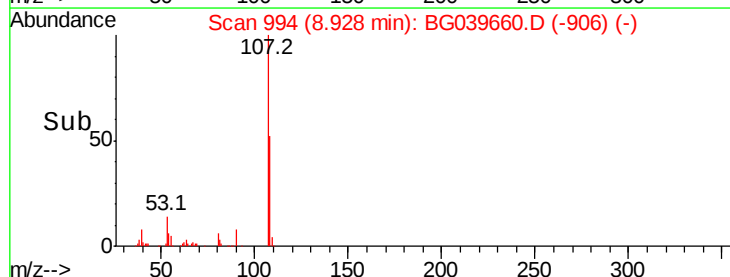
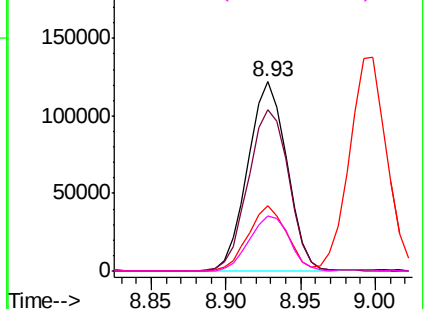


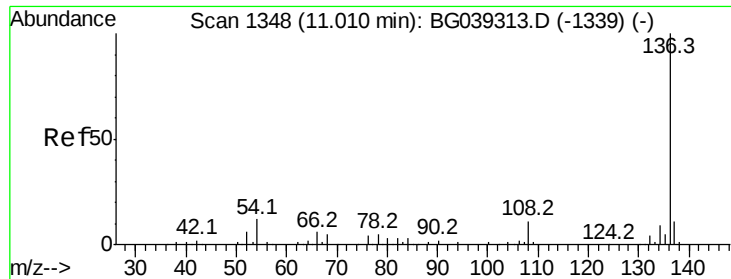
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

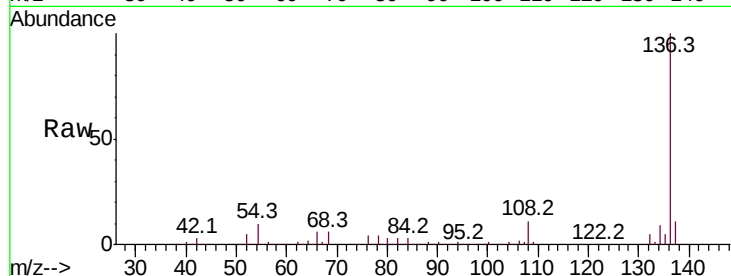




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	285726
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	10.0	9.4 14.2
68	5.7	4.2 6.4



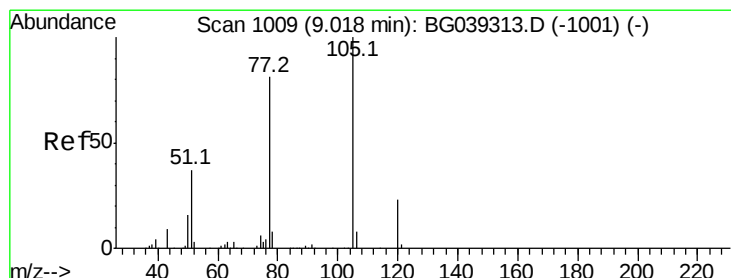
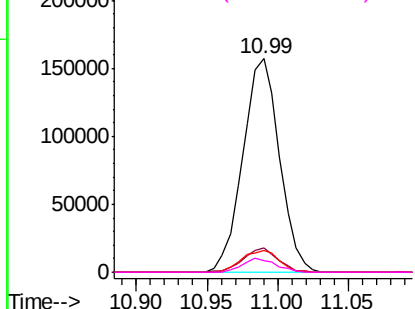
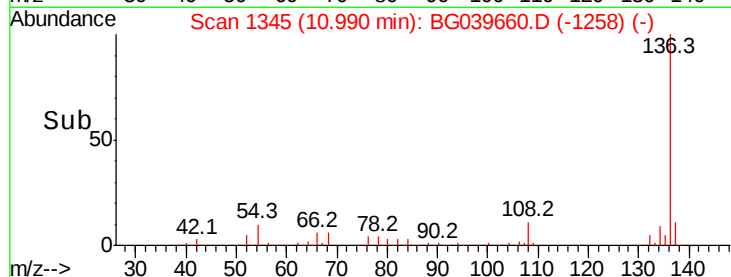
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

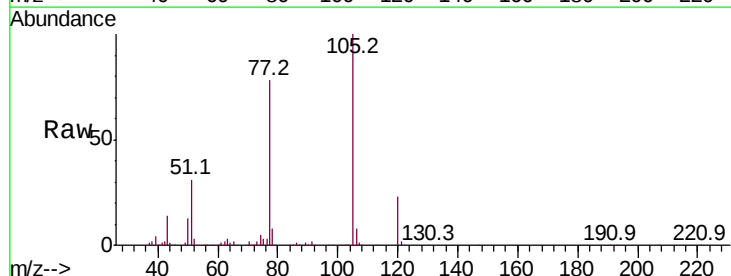
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.851 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion:105	Resp:	305857
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.8 1.2#
51	31.1	30.2 45.2
120	23.1	18.0 27.0



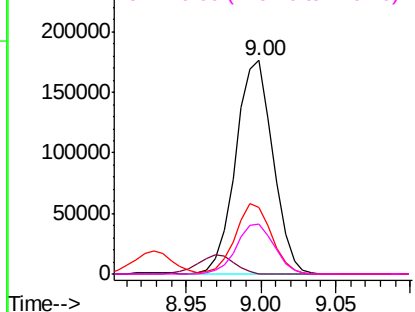
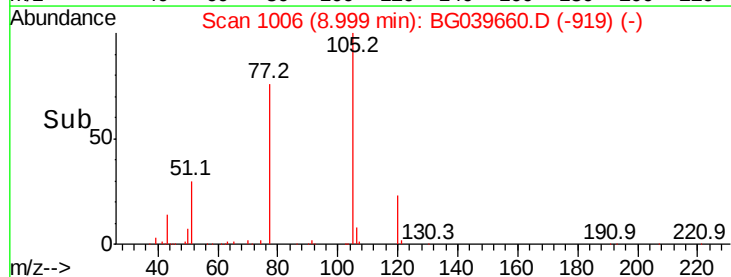
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.230 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

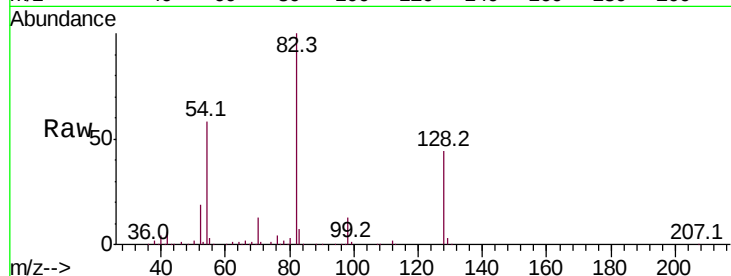
Tot Ion: 82 Resp: 440125

Ion Ratio Lower Upper

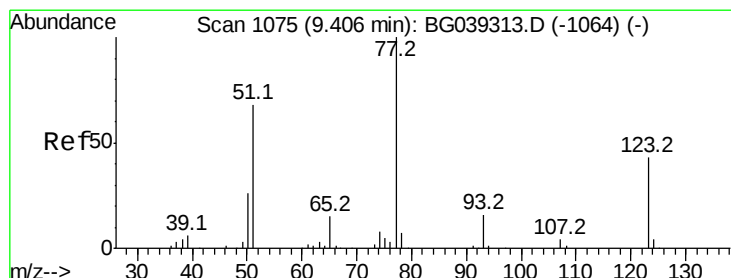
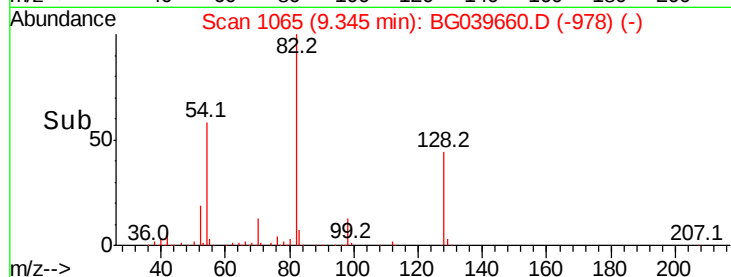
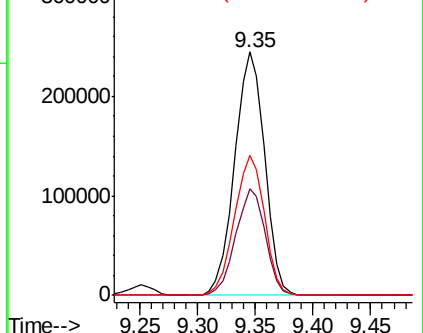
82 100

128 44.0 31.3 46.9

54 57.7 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: 45.797 ng

RT: 9.39 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

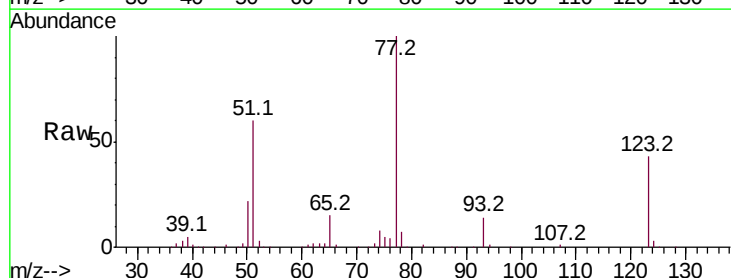
Tgt Ion: 77 Resp: 226286

Ion Ratio Lower Upper

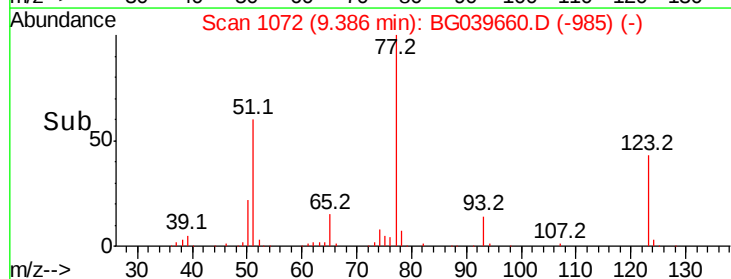
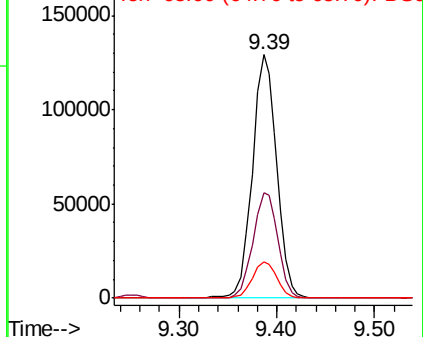
77 100

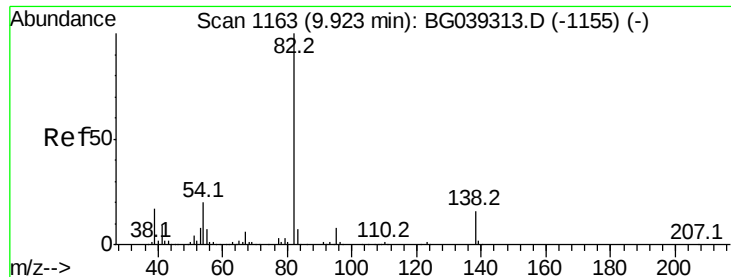
123 43.4 34.1 51.1

65 14.7 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

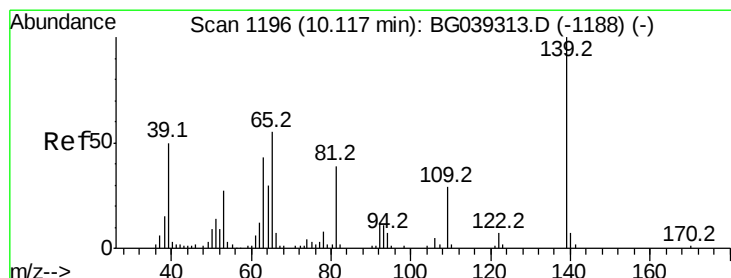
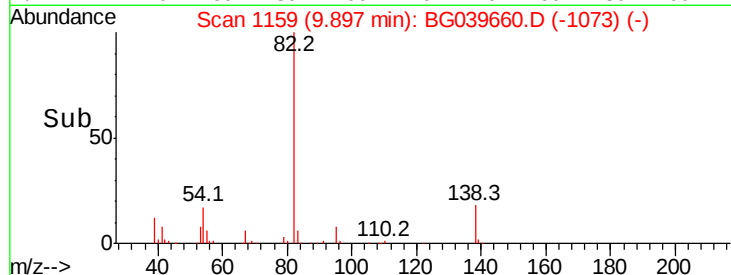
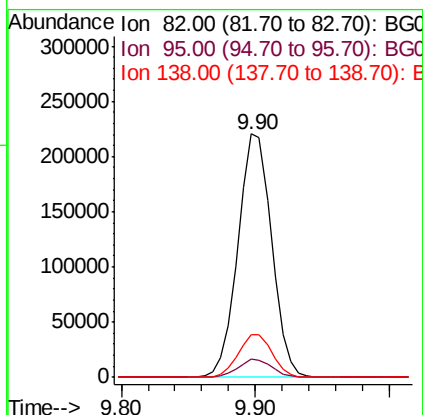
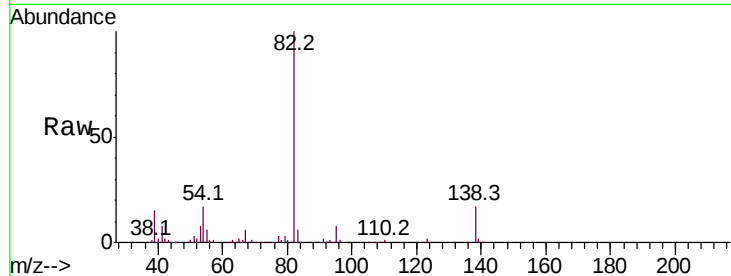




#25
Isophorone
Concen: 37.977 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

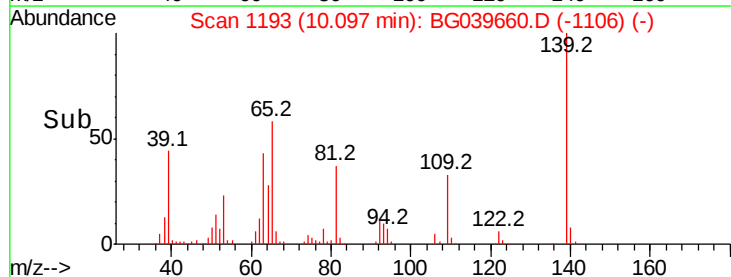
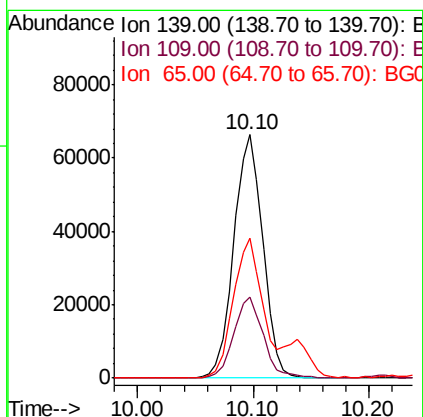
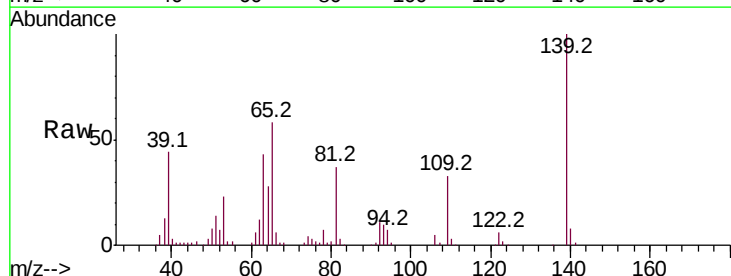
Instrument :
BNA_G
ClientSampleId :

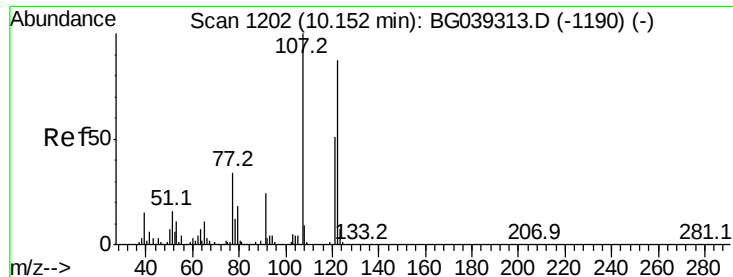
Tot Ion	82	Resp	384907
Ion Ratio	100		
Lower	6.2		
Upper	9.2		
138	17.5	13.0	19.4



#26
2-Nitrophenol
Concen: 56.430 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion	139	Resp	115488
Ion Ratio	100		
Lower	23.4		
Upper	35.0		
109	33.1	44.3	66.5
65	57.6		





#27

2,4-Dimethylphenol

Concen: 40.873 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

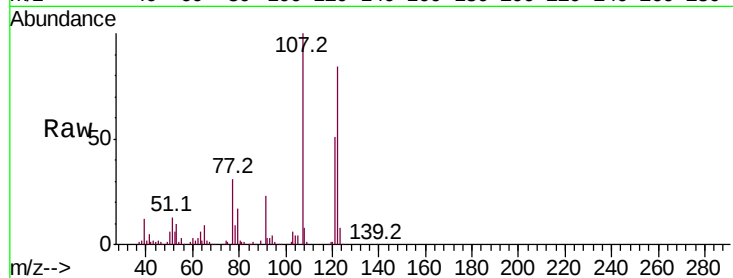
Tot Ion:122 Resp: 167579

Ion Ratio Lower Upper

122 100

107 118.6 91.7 137.5

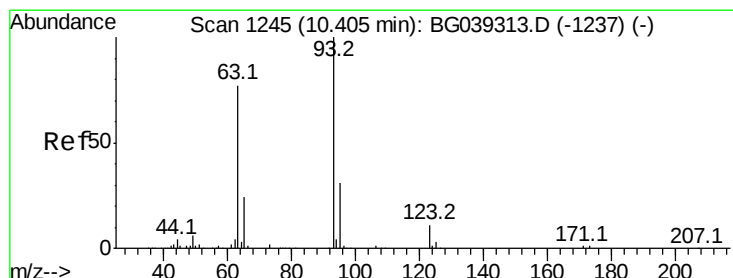
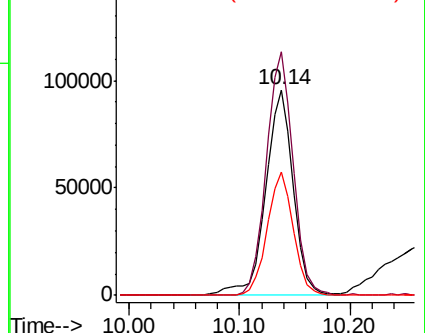
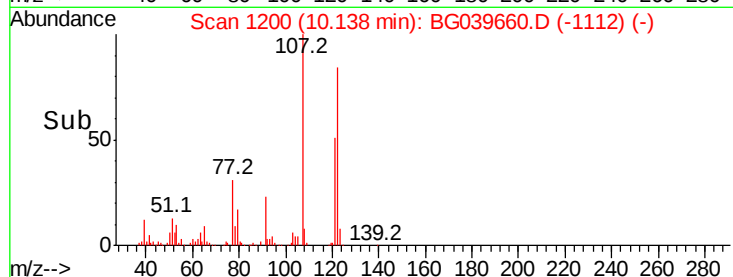
121 60.3 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.048 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

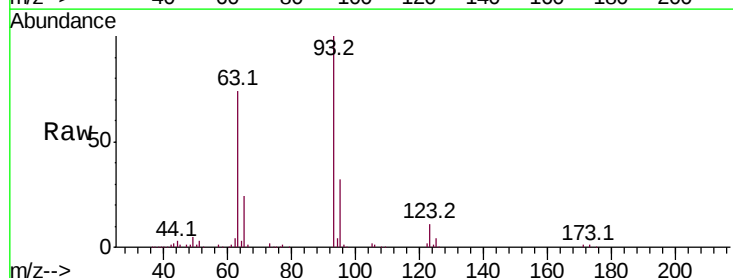
Tgt Ion: 93 Resp: 250011

Ion Ratio Lower Upper

93 100

95 32.5 25.0 37.4

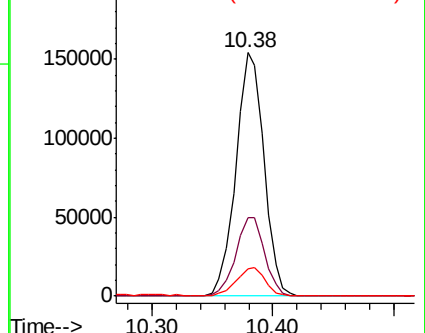
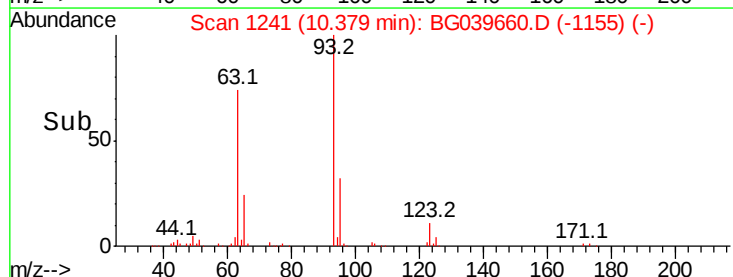
123 11.2 8.6 12.8

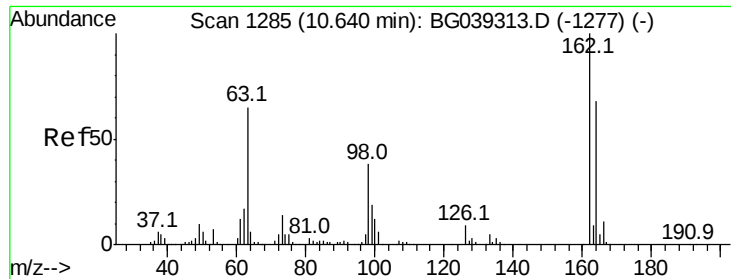


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

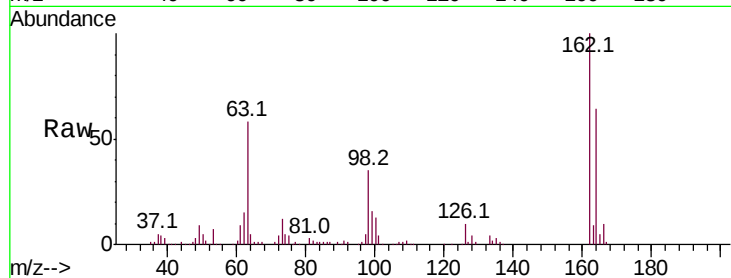




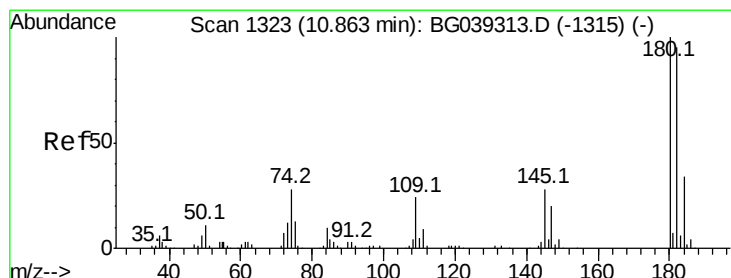
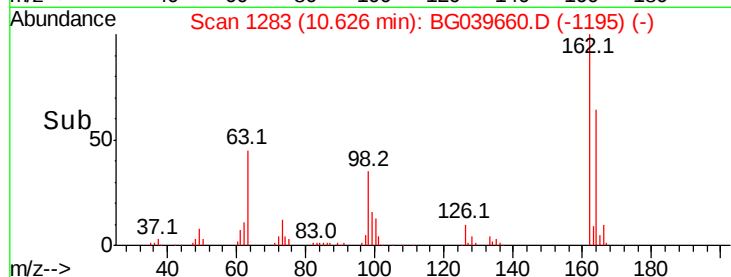
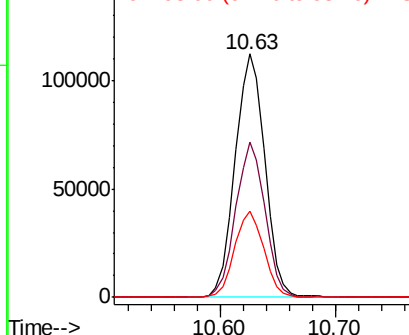
#29
 2,4-Dichlorophenol
 Concen: 44.840 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	48.1	88.1
98	35.2	18.1	58.1

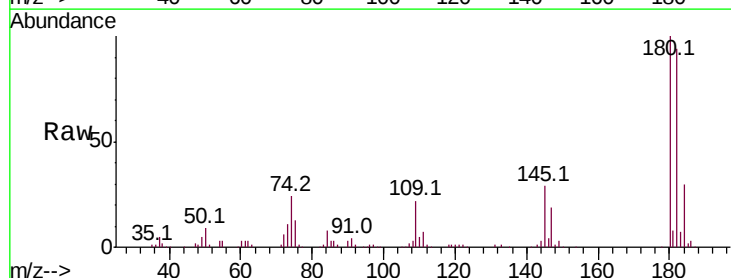


Abundance Ion 162.00 (161.70 to 162.70): E
 150000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

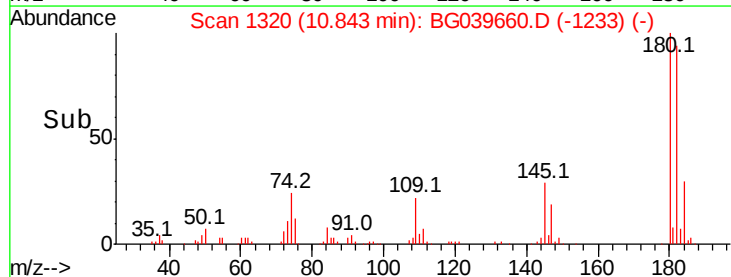
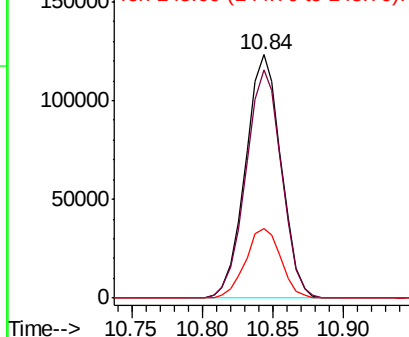


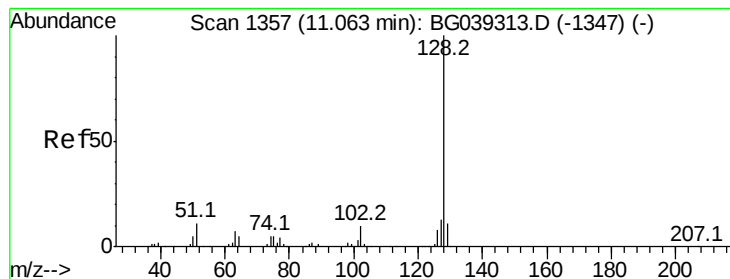
#30
 1,2,4-Trichlorobenzene
 Concen: 43.173 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.0	114.0
145	28.6	22.7	34.1



Abundance Ion 180.00 (179.70 to 180.70): E
 150000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.164 ng

RT: 11.04 min Scan# 1353

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

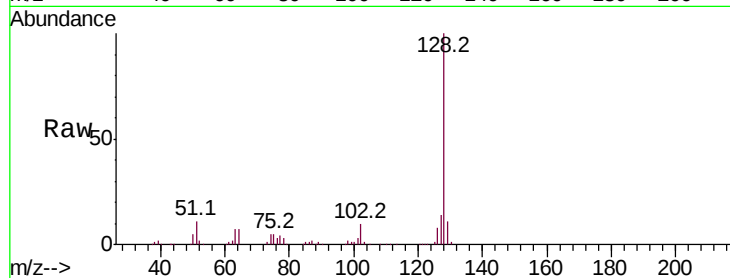
Tot Ion:128 Resp: 555136

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

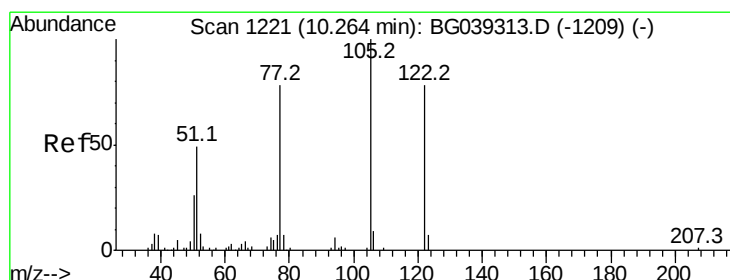
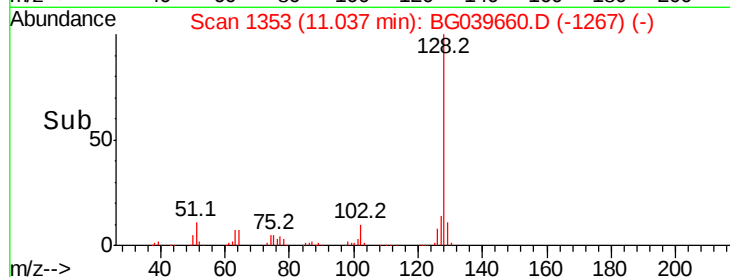
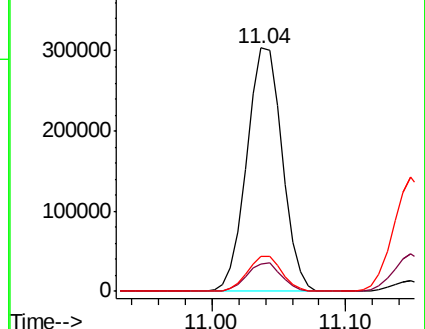
127 14.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.216 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

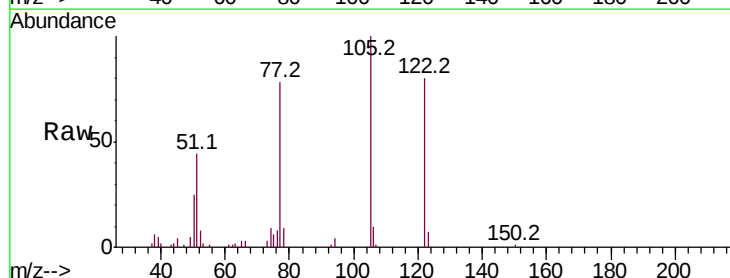
Tgt Ion:122 Resp: 93215

Ion Ratio Lower Upper

122 100

105 125.4 101.8 141.8

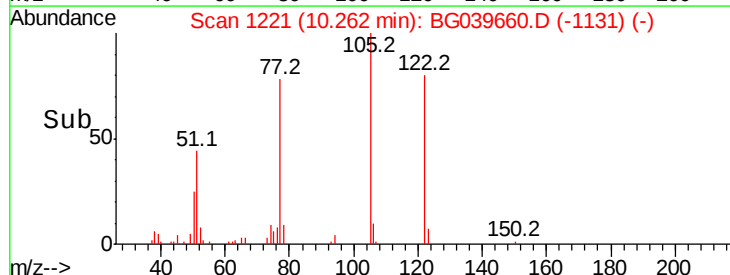
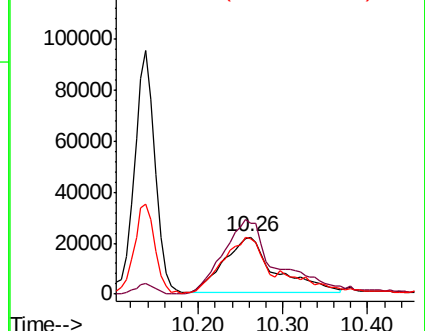
77 98.0 76.3 116.3

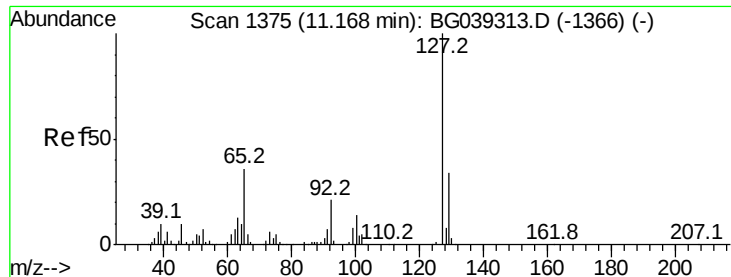


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

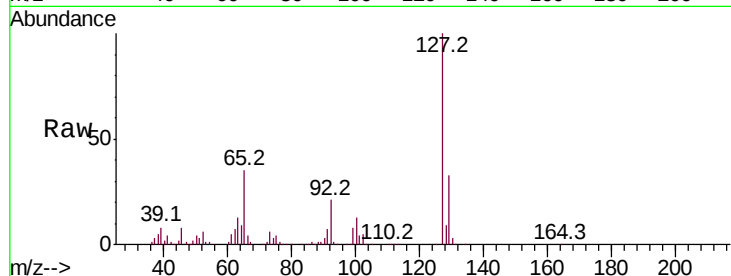




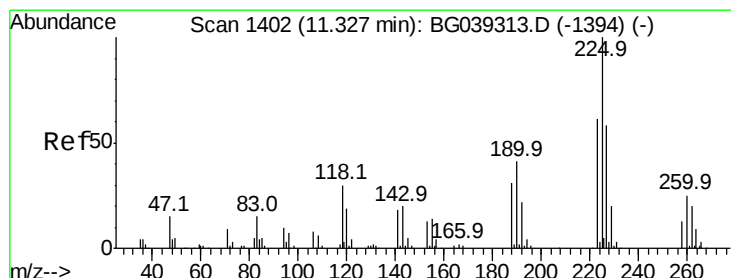
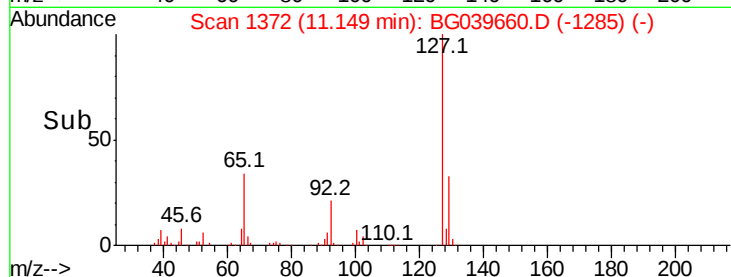
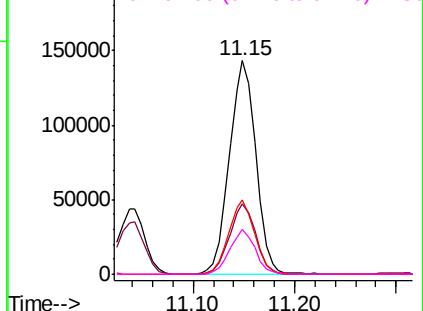
#33
4-Chloroaniline
Concen: 39.304 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	258318
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.4
65	34.6	28.8	43.2
92	20.8	16.6	25.0

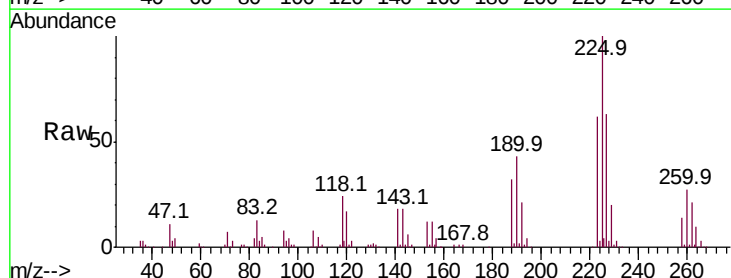


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

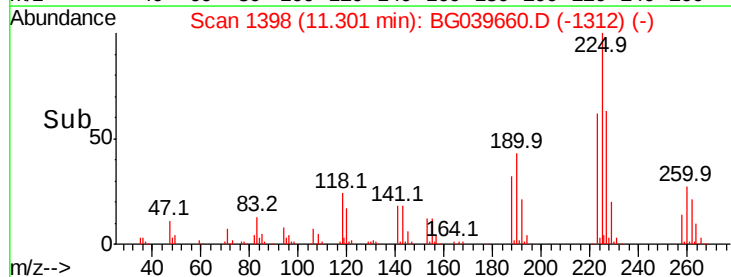
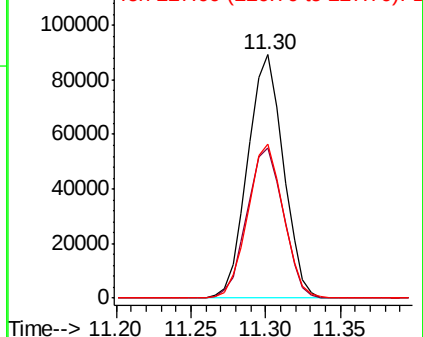


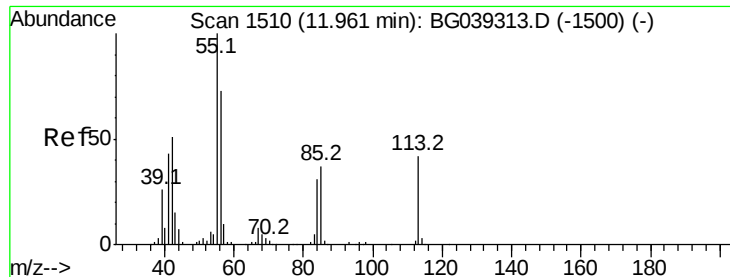
#34
Hexachlorobutadiene
Concen: 43.973 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion:	225	Resp:	147118
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.0	73.6
227	63.2	46.3	69.5



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





#35

Caprolactam

Concen: 37.210 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

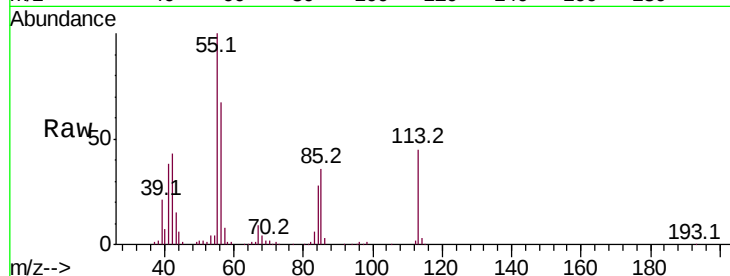
Tot Ion:113 Resp: 68997

Ion Ratio Lower Upper

113 100

55 222.4 216.9 256.9

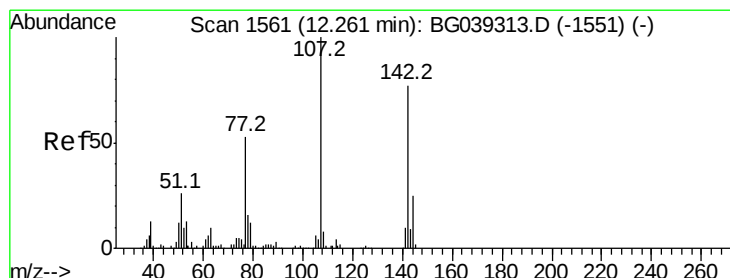
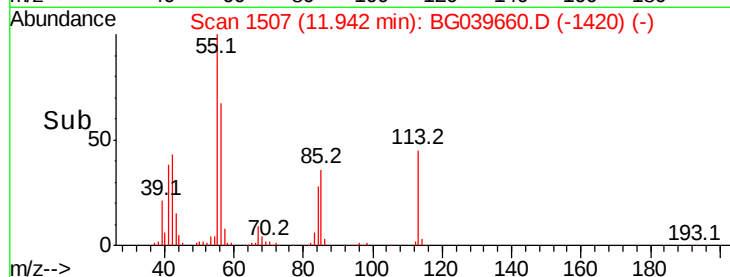
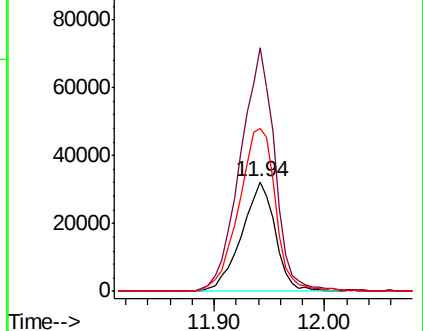
56 148.8 152.6 192.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.037 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

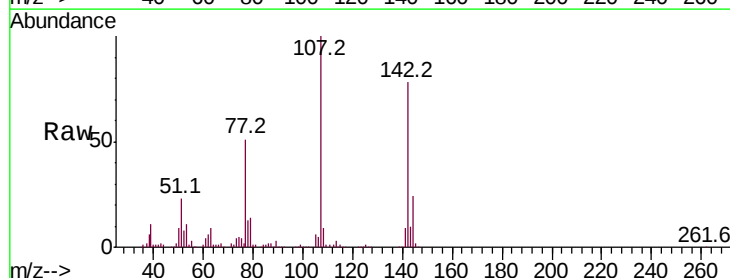
Tgt Ion:107 Resp: 207484

Ion Ratio Lower Upper

107 100

144 23.9 20.2 30.2

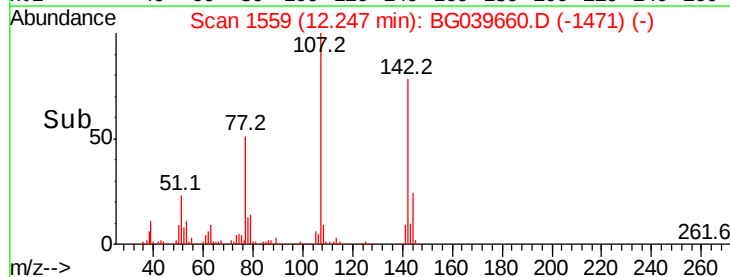
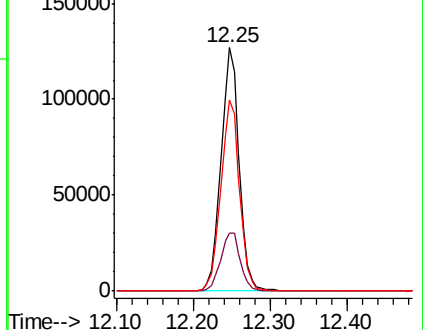
142 78.4 61.4 92.2

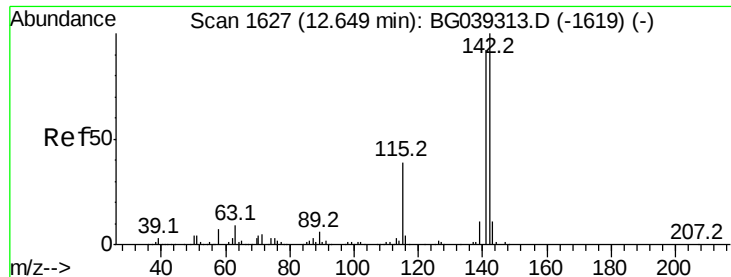


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.903 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

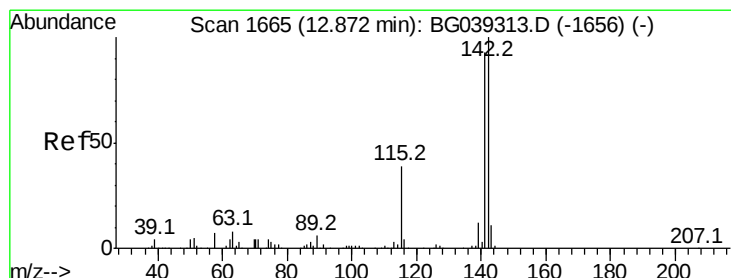
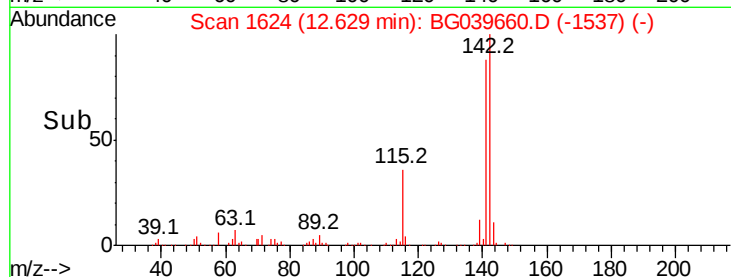
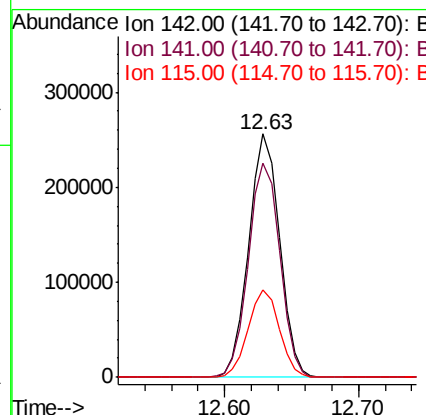
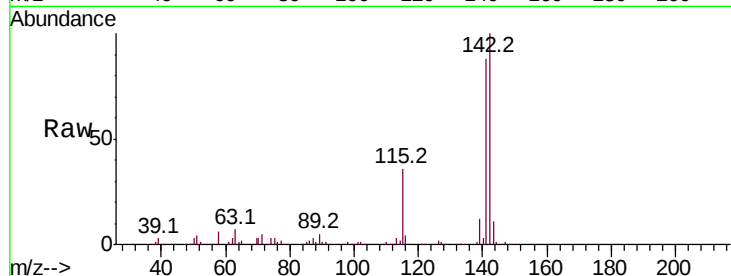
Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 408423

Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.5	110.3
115	35.8	30.8	46.2



#38

1-Methylnaphthalene

Concen: 38.646 ng

RT: 12.85 min Scan# 1661

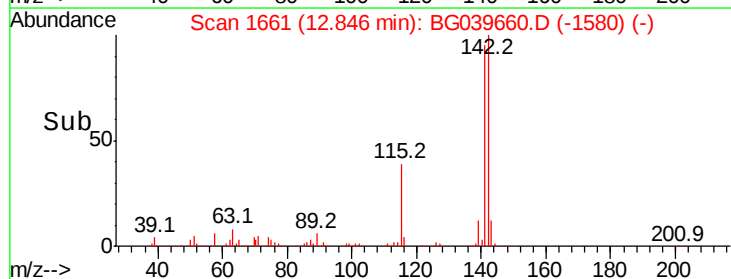
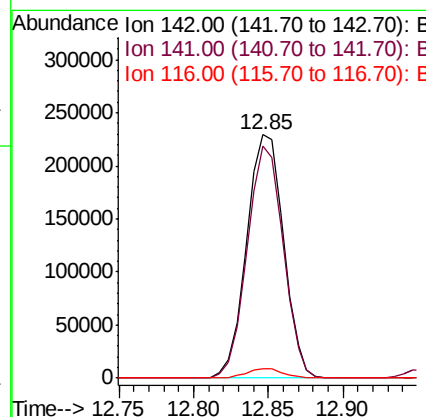
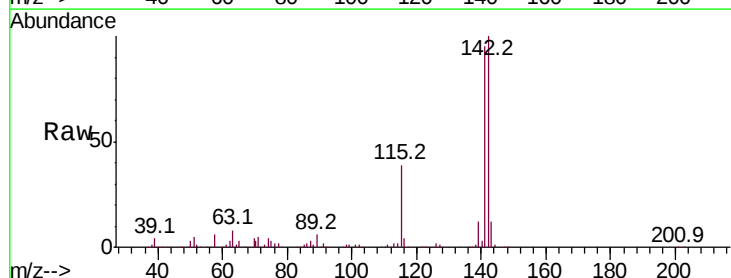
Delta R.T. -0.03 min

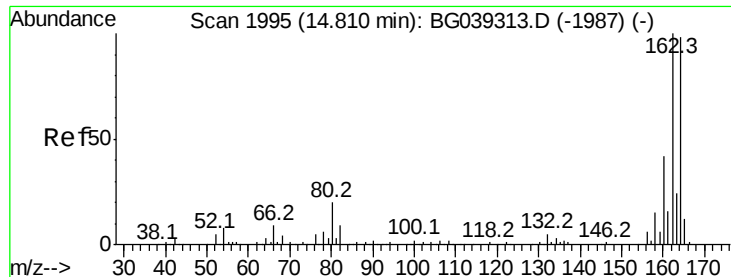
Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Tgt Ion:142 Resp: 391096

Ion	Ratio	Lower	Upper
142	100		
141	95.2	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

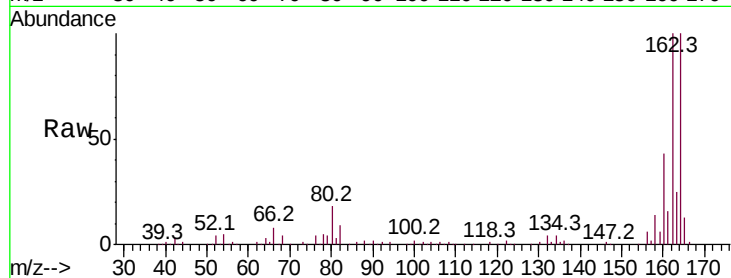
Tot Ion:164 Resp: 179562

Ion Ratio Lower Upper

164 100

162 99.7 81.6 122.4

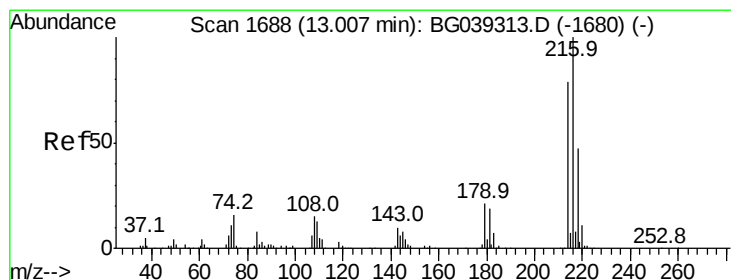
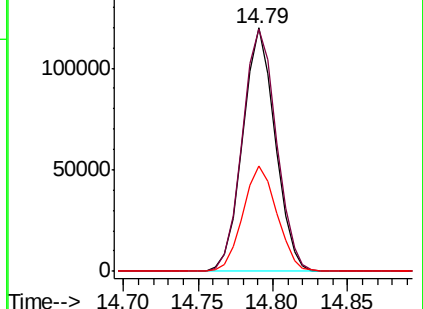
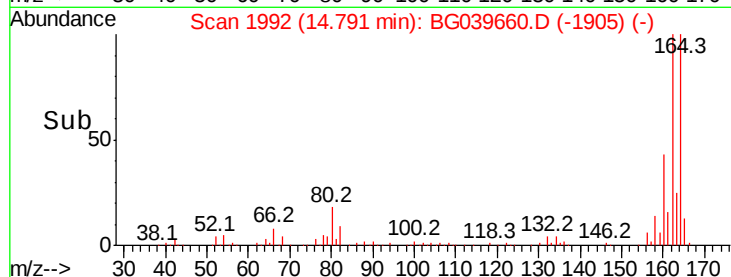
160 43.4 34.2 51.2



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: 44.755 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Tgt Ion:216 Resp: 255693

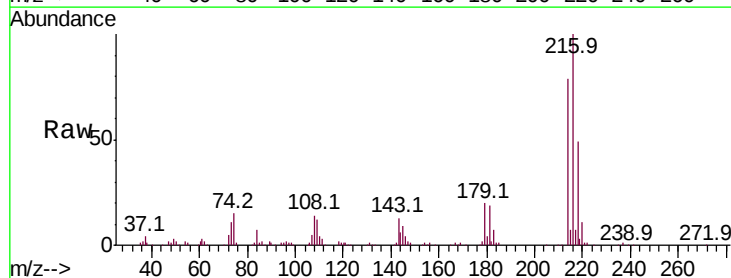
Ion Ratio Lower Upper

216 100

214 80.2 62.6 94.0

179 20.5 16.6 25.0

108 15.4 14.0 21.0

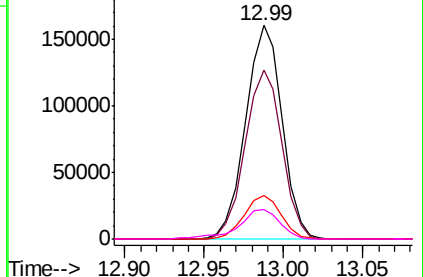
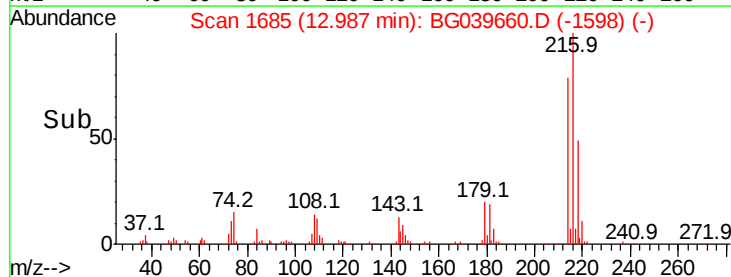


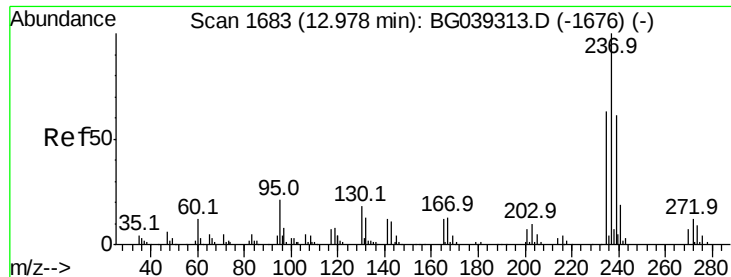
Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.609 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

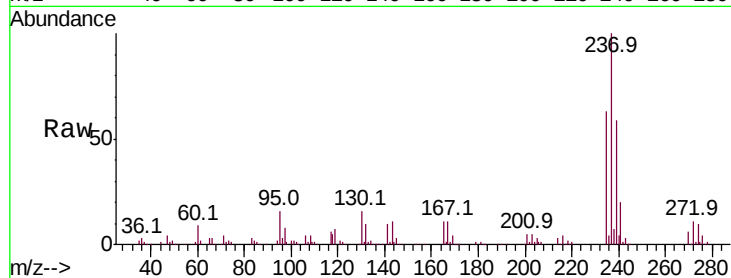
Tot Ion:237 Resp: 132649

Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.3	83.3
272	10.6	0.0	32.3

237 100

235 62.6 43.3 83.3

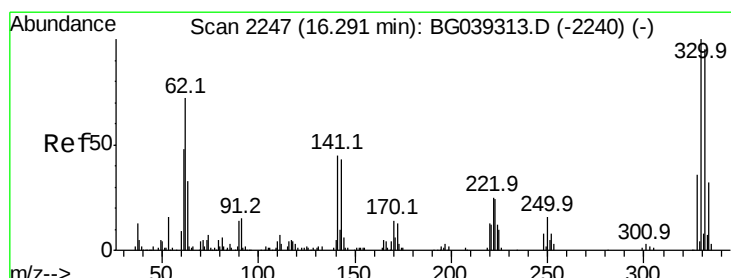
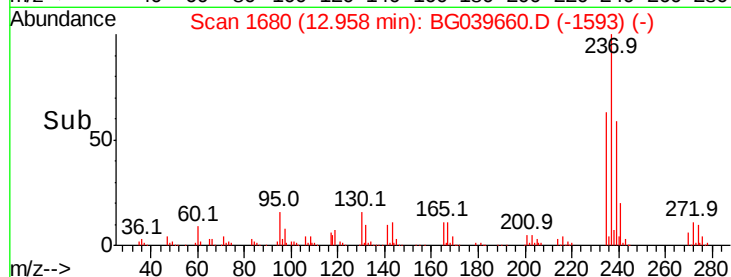
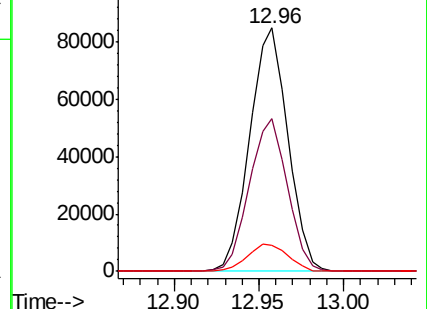
272 10.6 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.984 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

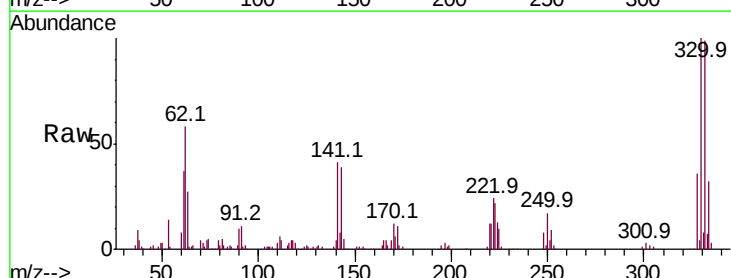
Tgt Ion:330 Resp: 156588

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	41.1	35.6	53.4

330 100

332 96.6 75.7 113.5

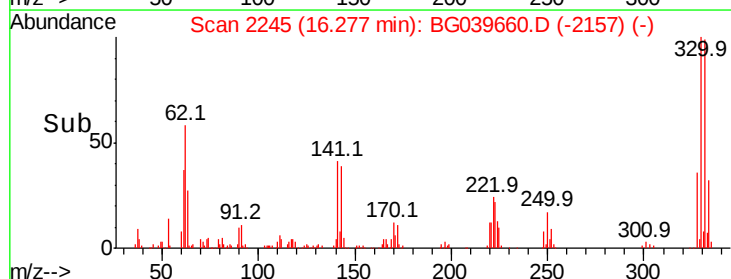
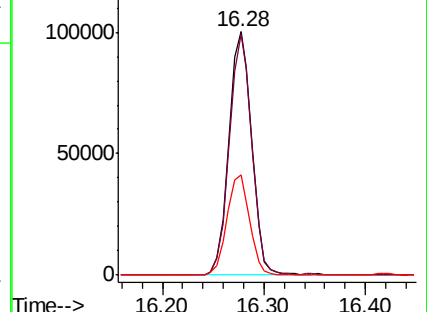
141 41.1 35.6 53.4

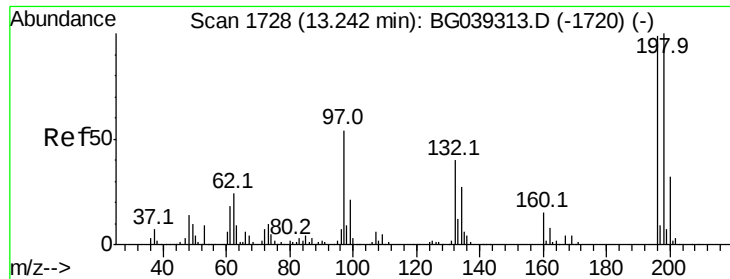


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

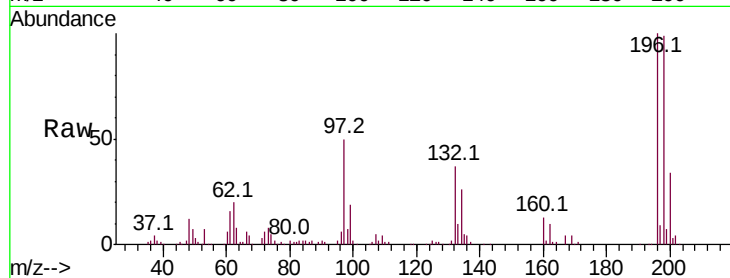




#43
 2,4,6-Trichlorophenol
 Concen: 45.890 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	80.6	121.0
200	34.1	26.1	39.1

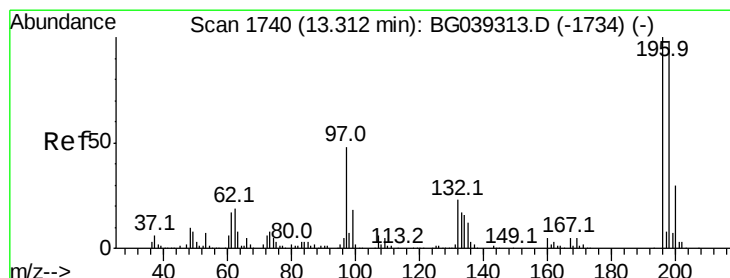
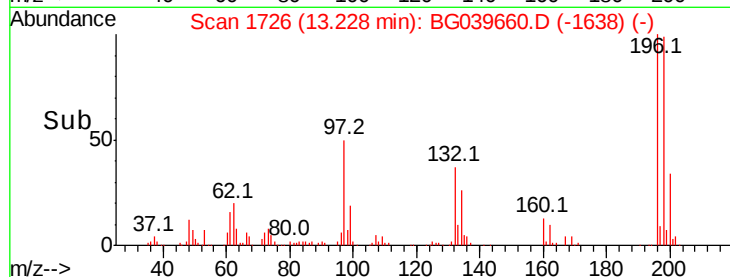
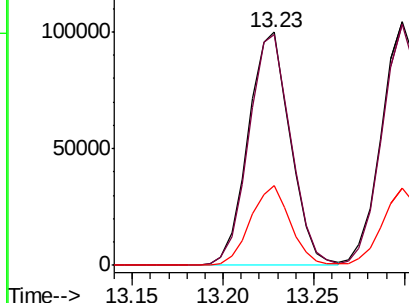


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.790 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	78.5	117.7
97	45.5	38.4	57.6
132	25.7	19.2	28.8

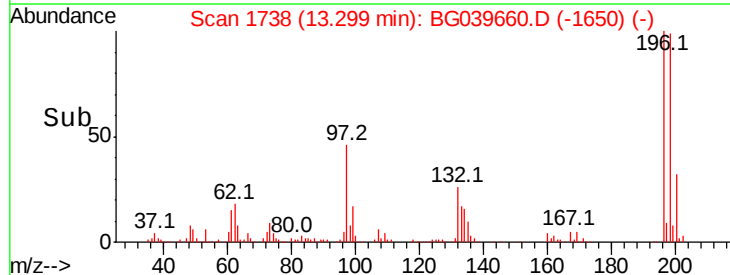
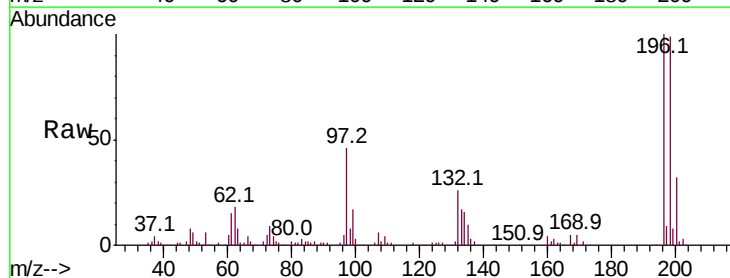
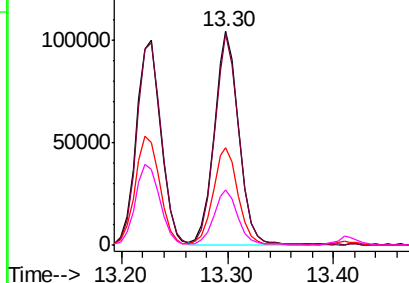
Abundance

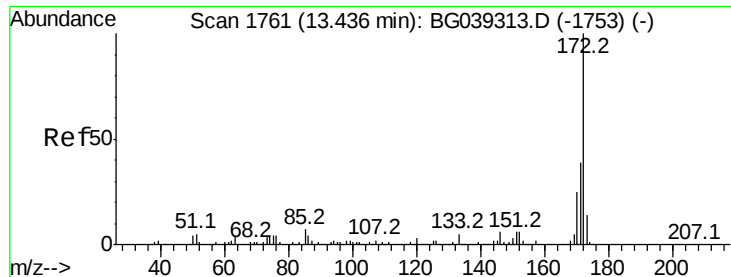
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



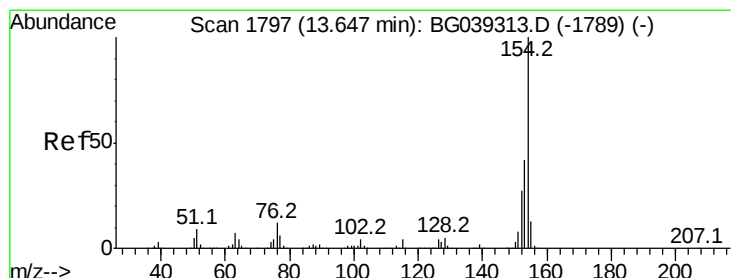
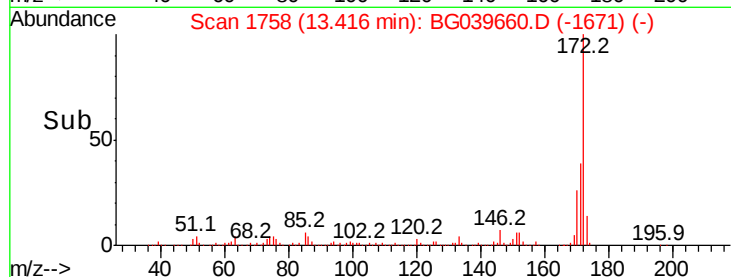
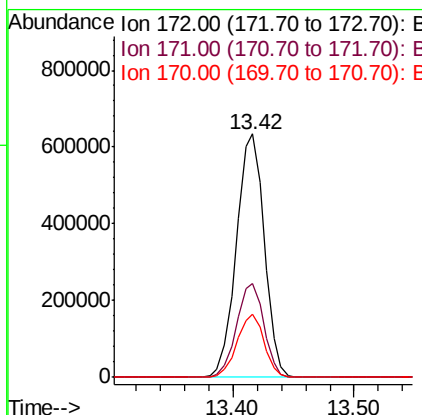
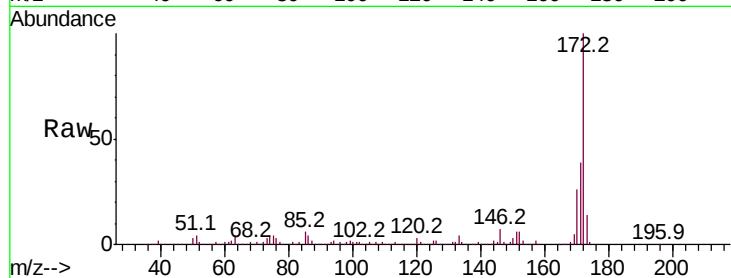


#45
 2-Fluorobiphenyl
 Concen: 81.488 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1019984

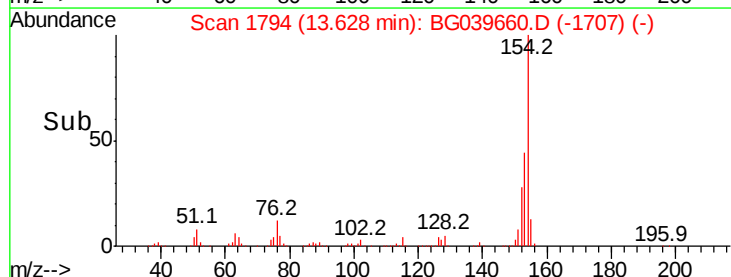
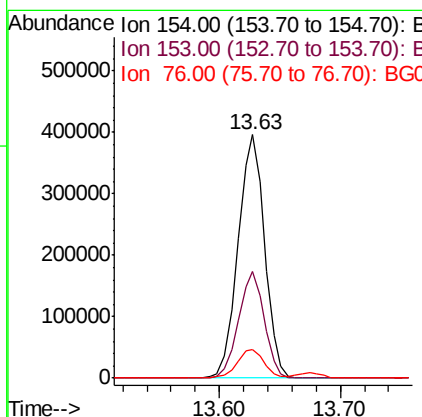
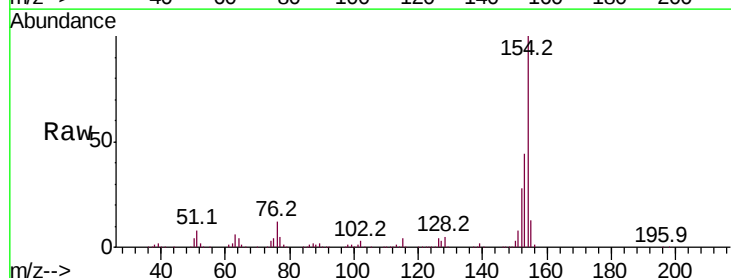
Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	26.1	20.2	30.4

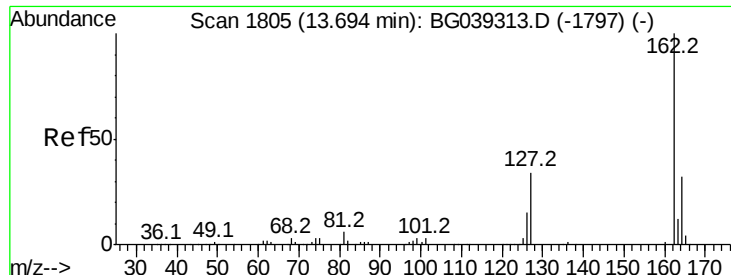


#46
 1,1'-Biphenyl
 Concen: 40.505 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Tgt Ion:154 Resp: 605142

Ion	Ratio	Lower	Upper
154	100		
153	43.7	22.1	62.1
76	11.8	0.0	32.4

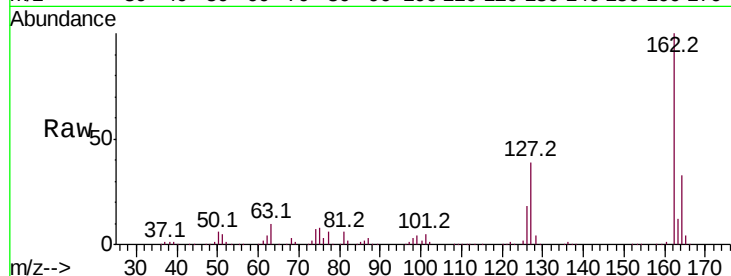




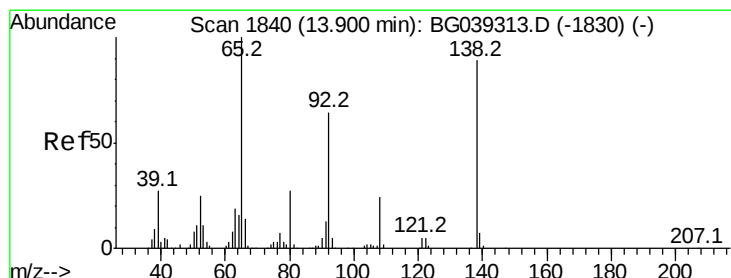
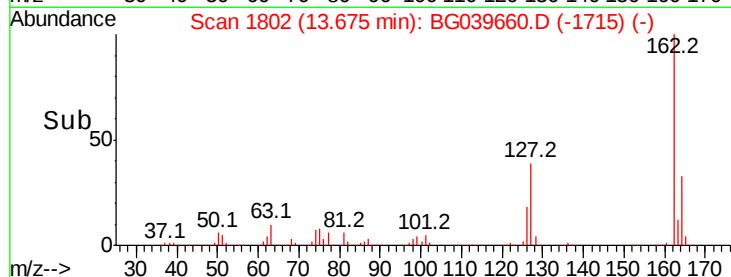
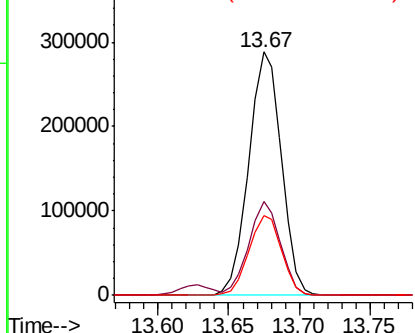
#47
 2-Chloronaphthalene
 Concen: 41.719 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.6
164	32.9	25.7	38.5

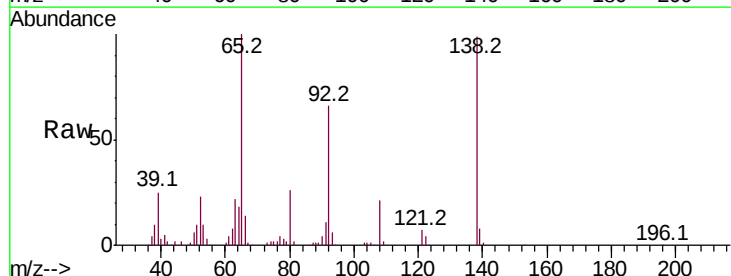


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

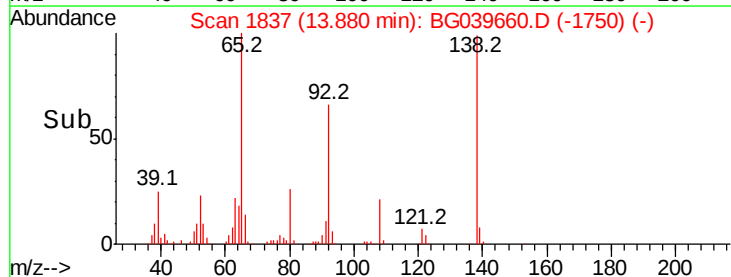
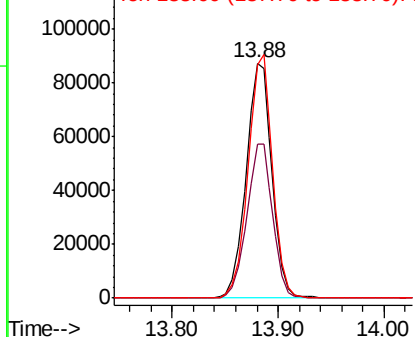


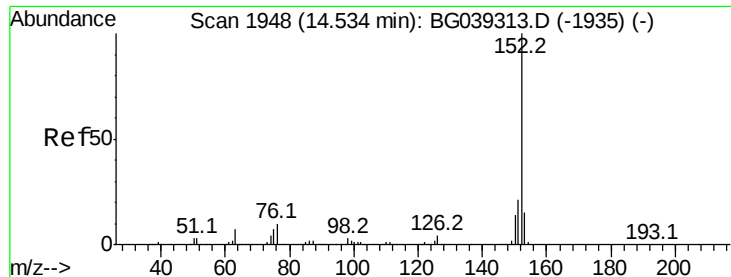
#48
 2-Nitroaniline
 Concen: 46.174 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	51.4	77.2
138	99.2	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: 39.545 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

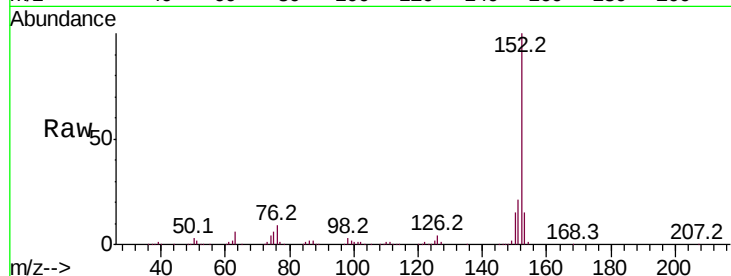
Tot Ion:152 Resp: 670638

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

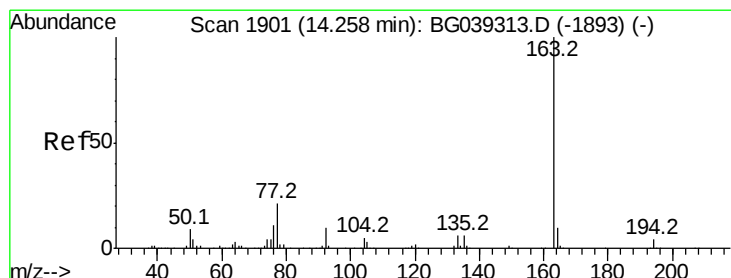
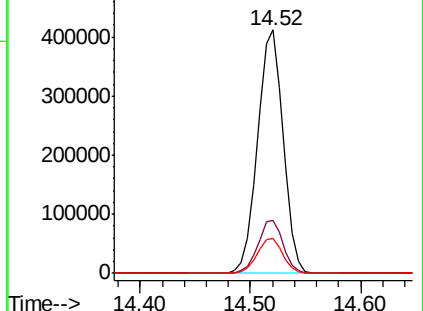
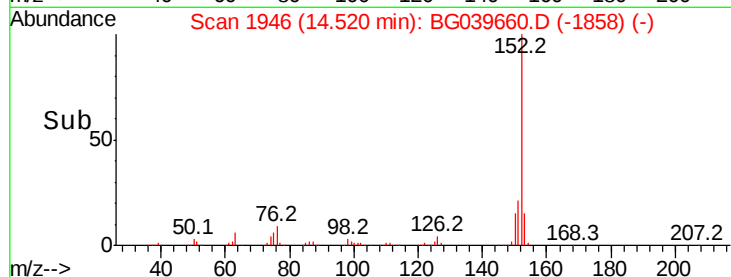
153 14.6 11.7 17.5



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: 39.033 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

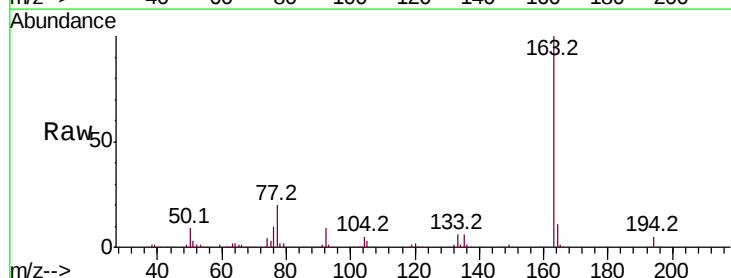
Tgt Ion:163 Resp: 566057

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

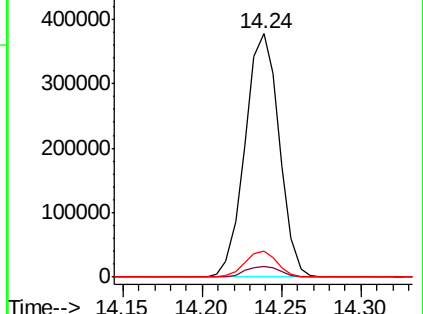
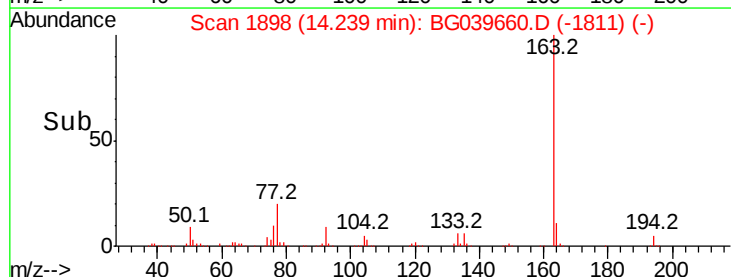
164 10.6 8.4 12.6

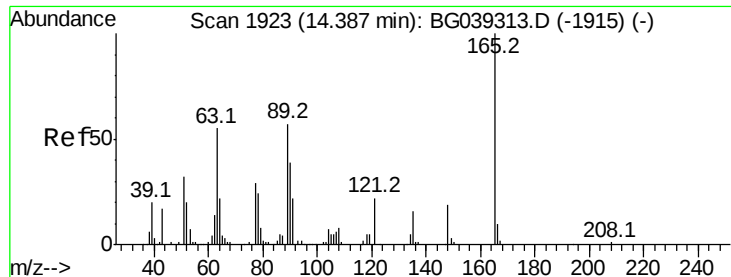


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

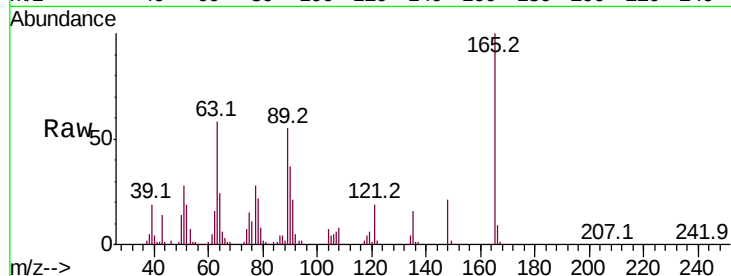




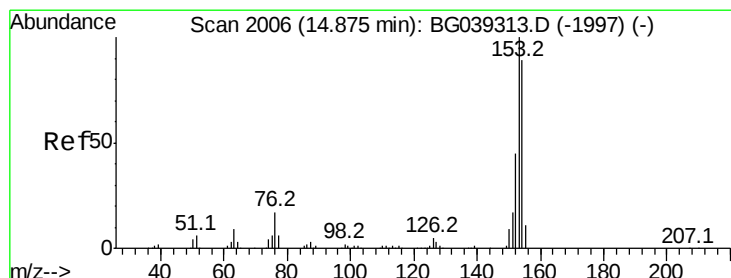
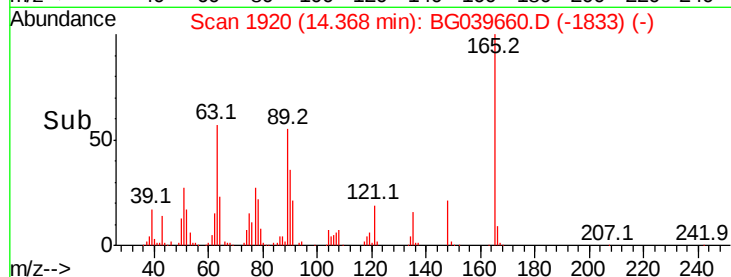
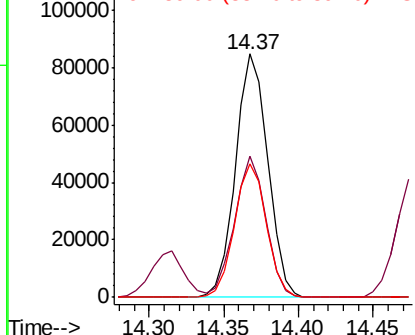
#51
2,6-Dinitrotoluene
Concen: 47.046 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 127105
Ion Ratio Lower Upper
165 100
63 58.1 47.0 70.6
89 54.9 45.8 68.8

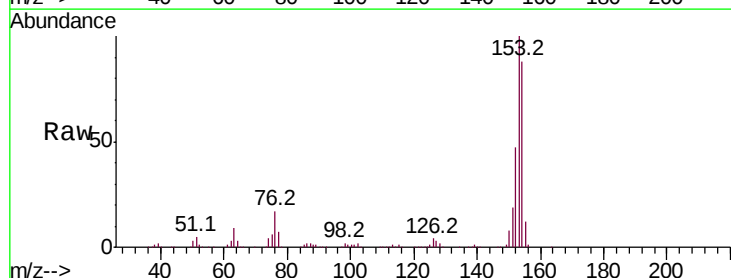


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

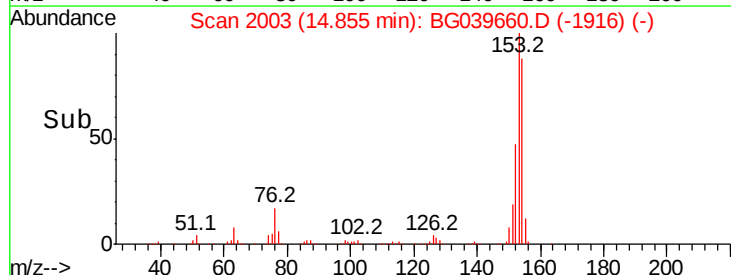
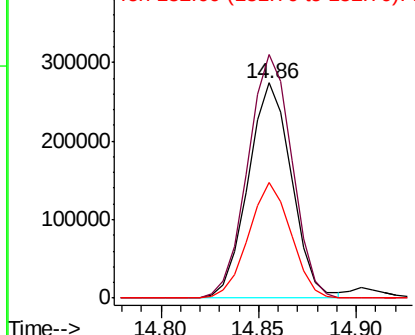


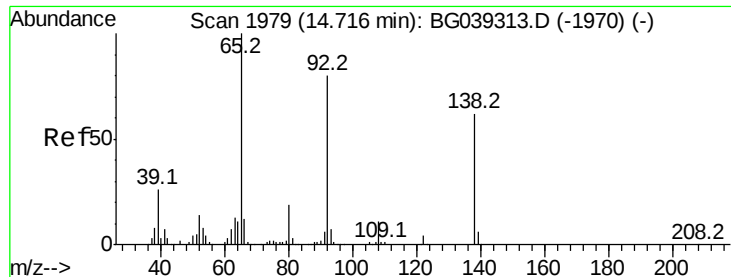
#52
Acenaphthene
Concen: 38.403 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion:154 Resp: 422750
Ion Ratio Lower Upper
154 100
153 113.1 90.1 135.1
152 53.6 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

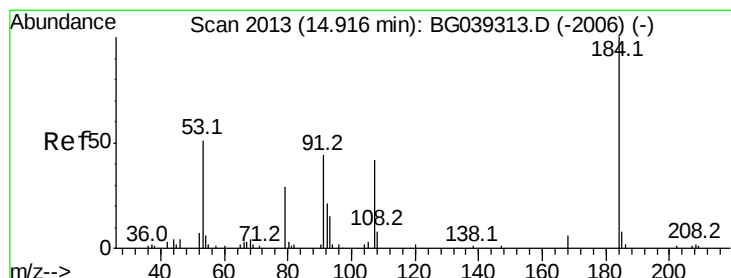
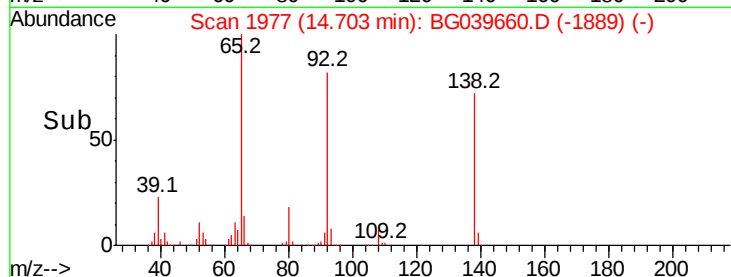
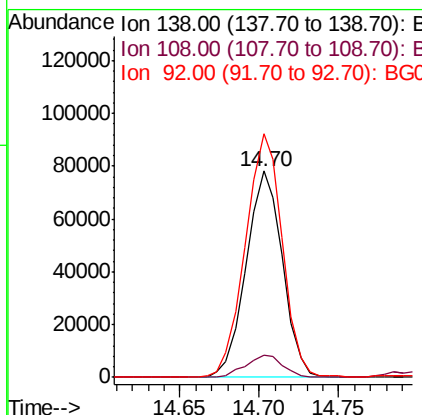
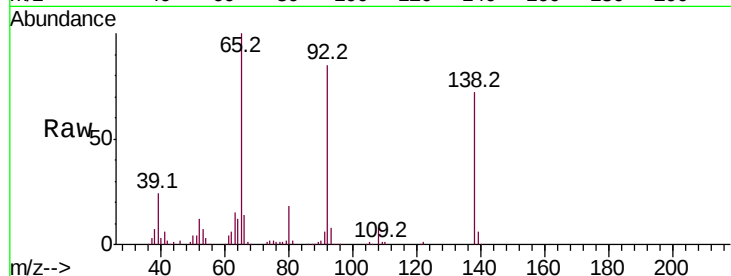




#53
3-Nitroaniline
Concen: 43.187 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

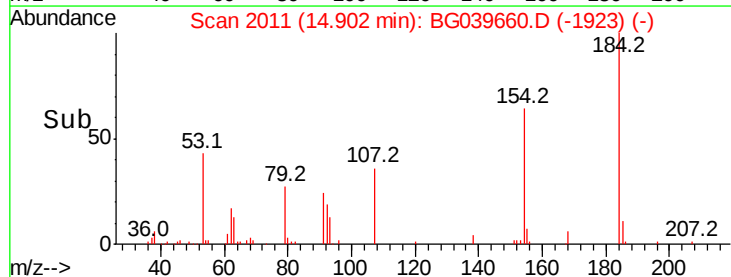
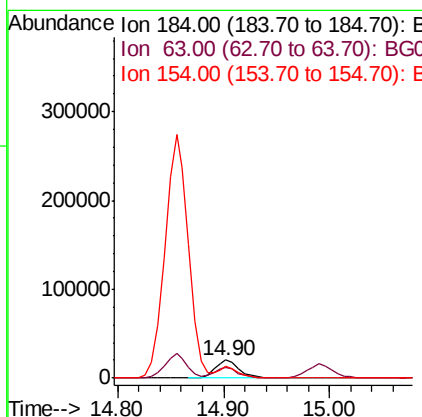
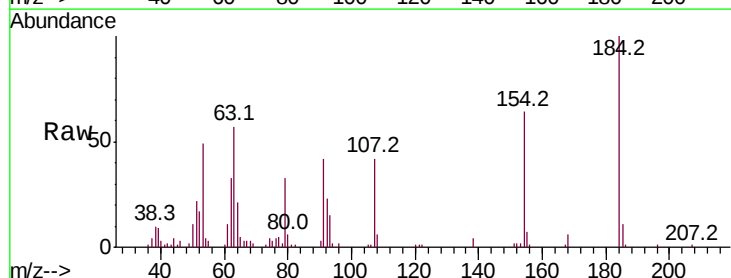
Instrument :
BNA_G
ClientSampleId :

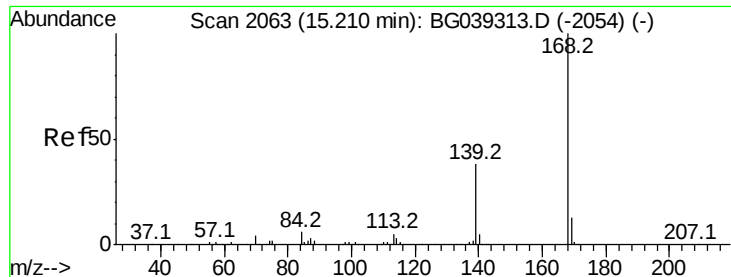
Tot Ion:138 Resp: 124371
Ion Ratio Lower Upper
138 100
108 10.7 13.8 20.8#
92 118.2 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 38.944 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion:184 Resp: 34631
Ion Ratio Lower Upper
184 100
63 57.3 50.9 76.3
154 64.3 53.0 79.6





#55

Dibenzofuran

Concen: 39.320 ng

RT: 15.18 min Scan# 2059

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

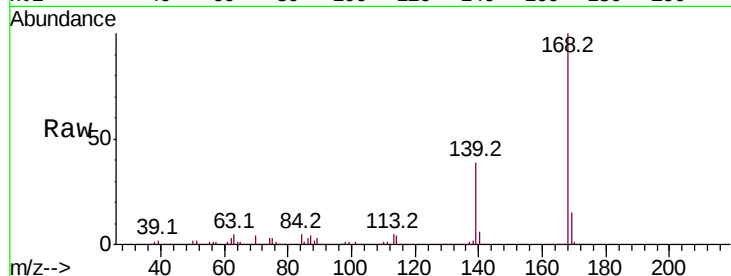
Tot Ion:168 Resp: 694004

Ion Ratio Lower Upper

168 100

139 38.7 30.1 45.1

169 14.5 10.6 16.0

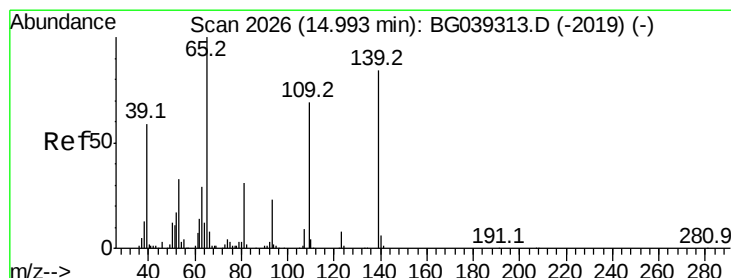
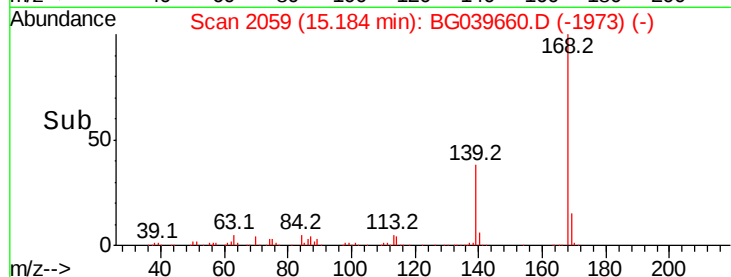
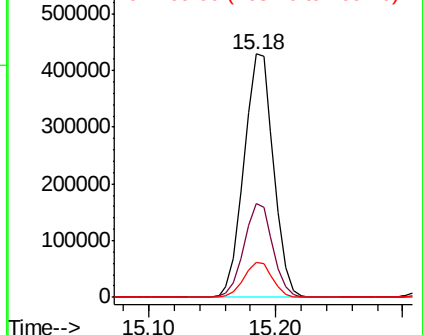


Abundance

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: 35.251 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

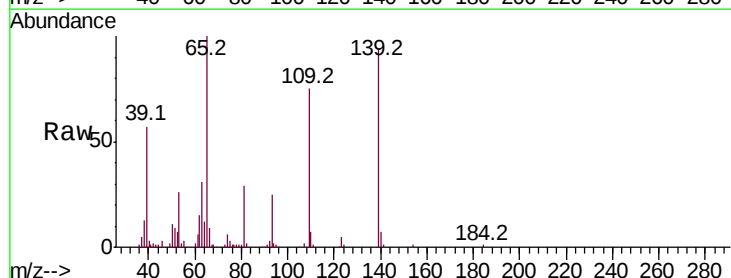
Tgt Ion:139 Resp: 83270

Ion Ratio Lower Upper

139 100

109 80.0 61.9 101.9

65 106.9 99.1 139.1

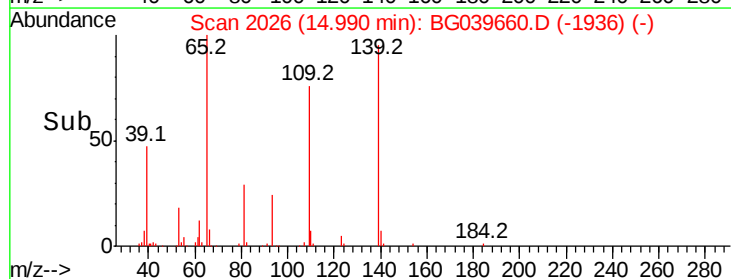
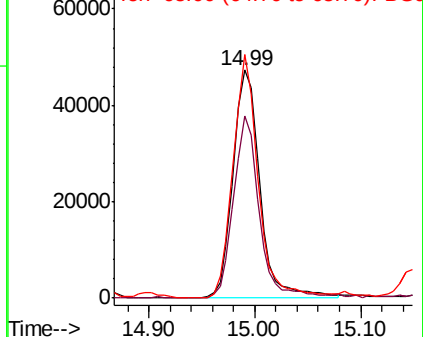


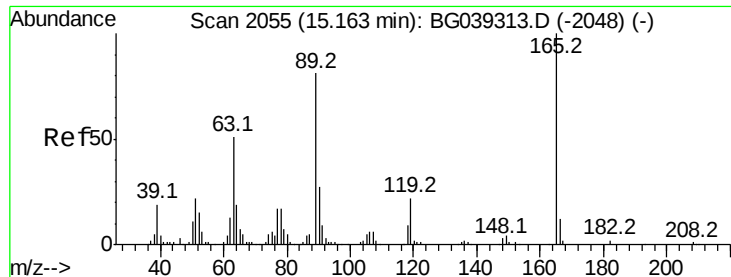
Abundance

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): BGC

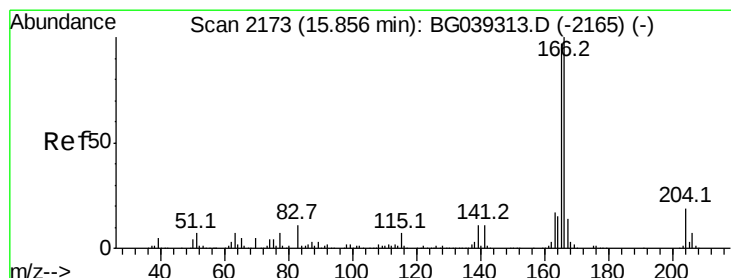
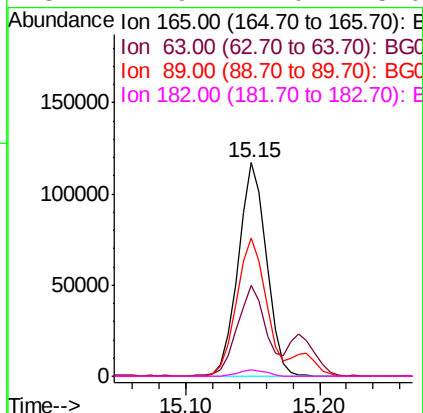
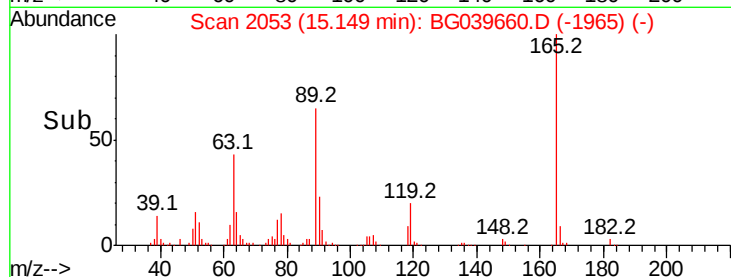
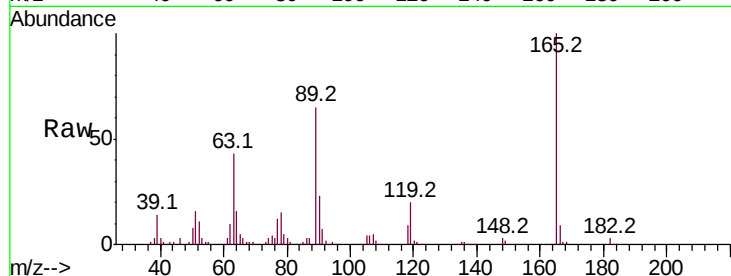




#57
2,4-Dinitrotoluene
Concen: 49.009 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

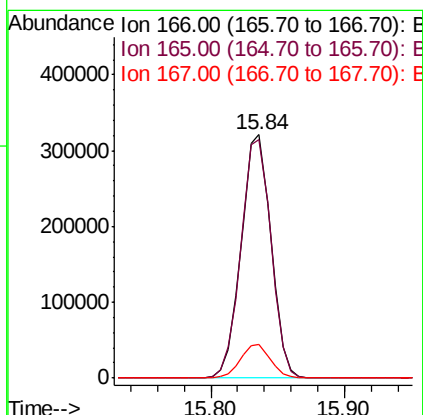
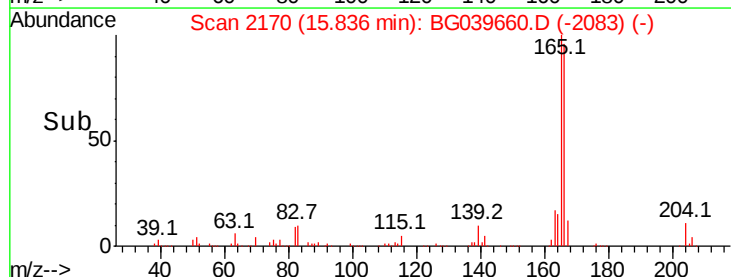
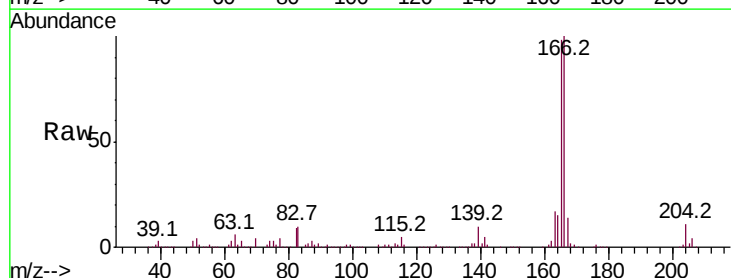
Instrument :
BNA_G
ClientSampleId :

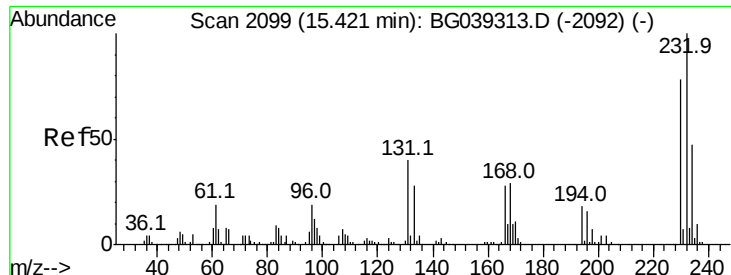
Tot Ion:165 Resp: 170833
Ion Ratio Lower Upper
165 100
63 42.8 41.0 61.6
89 64.7 64.6 96.8
182 2.9 2.0 3.0



#58
Fluorene
Concen: 37.500 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion:166 Resp: 493399
Ion Ratio Lower Upper
166 100
165 98.0 77.9 116.9
167 13.6 10.8 16.2

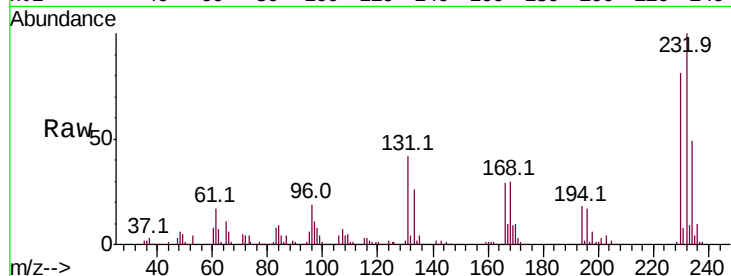




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.690 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.7	34.9	52.3
130	2.5	2.0	3.0
166	29.2	24.1	36.1



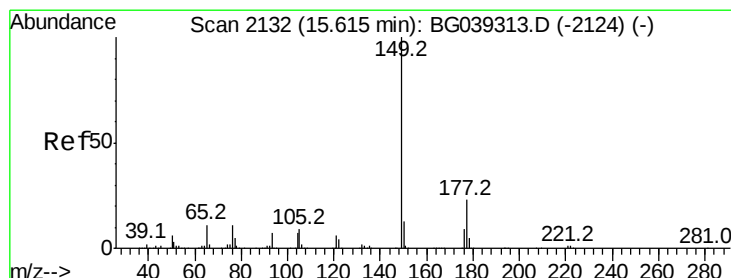
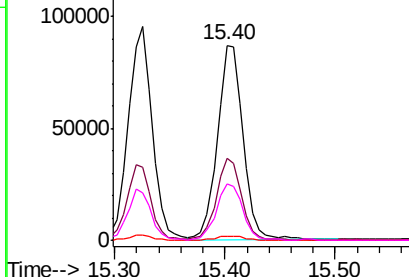
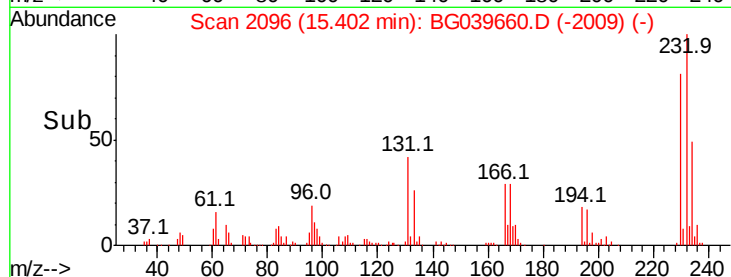
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

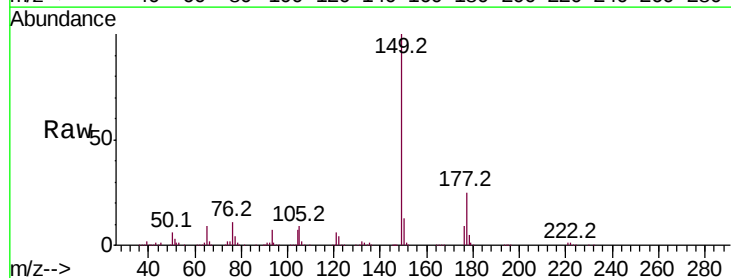
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.138 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.3	27.5
150	12.6	10.2	15.2

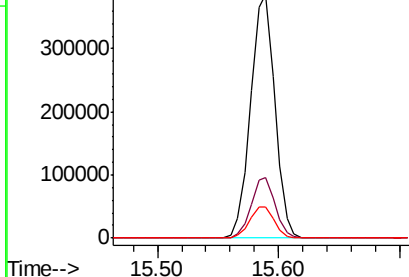
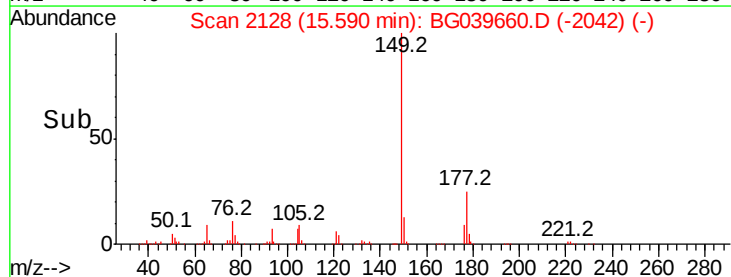


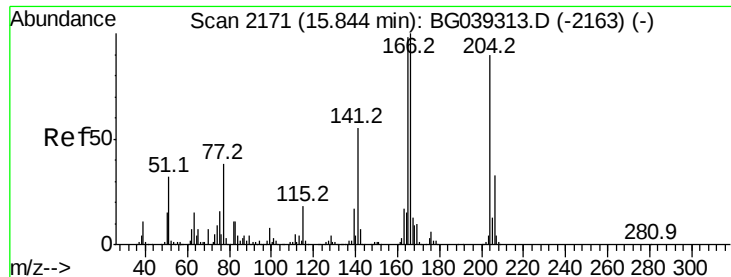
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.786 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

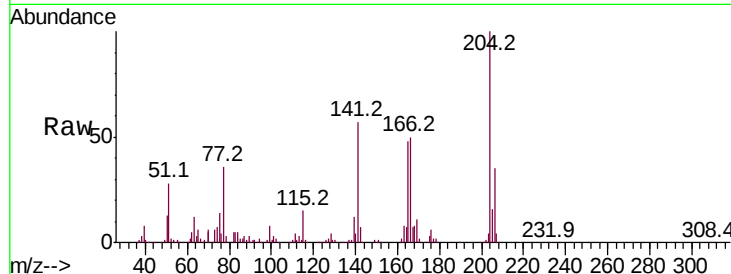
Tot Ion:204 Resp: 303860

Ion Ratio Lower Upper

204 100

206 35.4 29.2 43.8

141 57.5 49.0 73.4

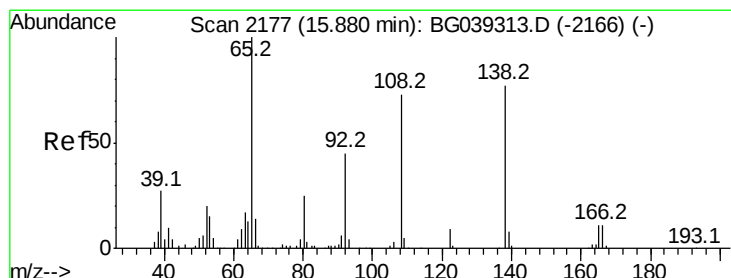
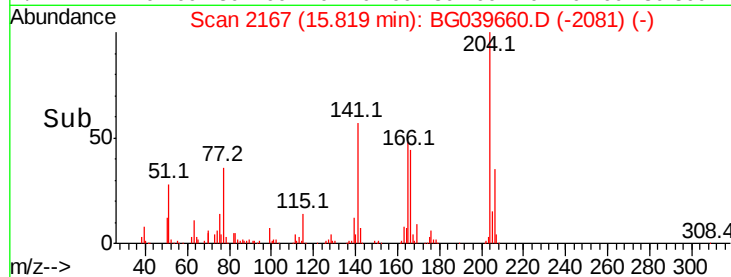
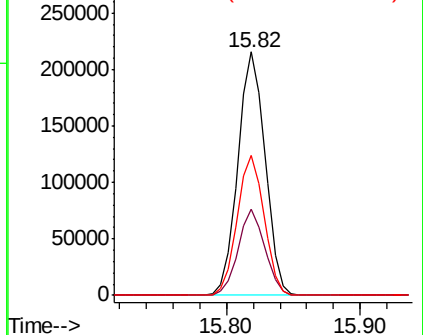


Abundance

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: 39.204 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

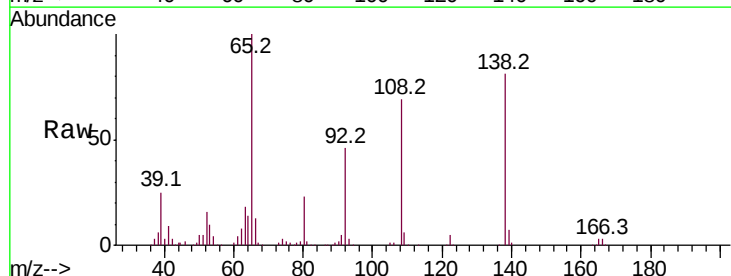
Tgt Ion:138 Resp: 116655

Ion Ratio Lower Upper

138 100

92 56.5 38.7 78.7

108 84.8 74.6 114.6

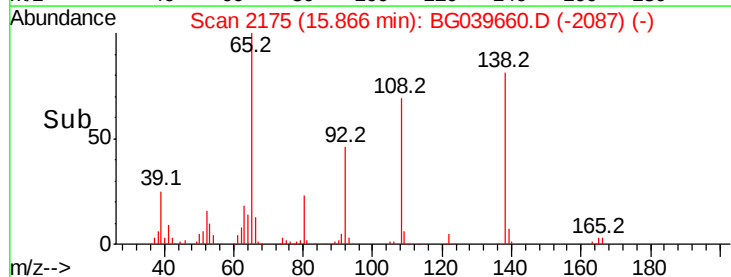
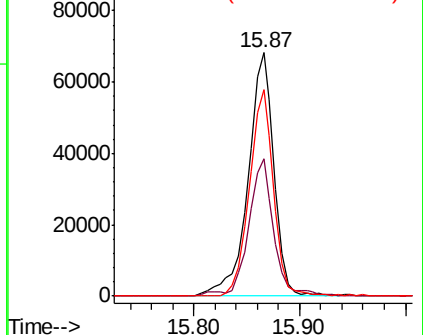


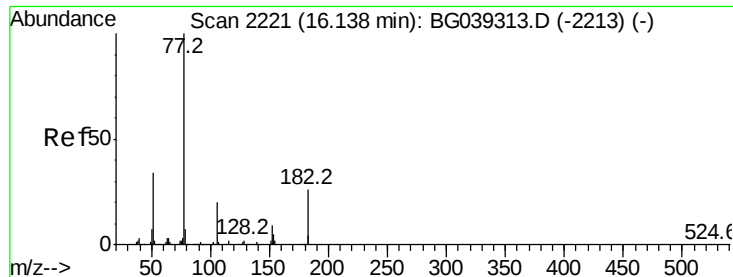
Abundance

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

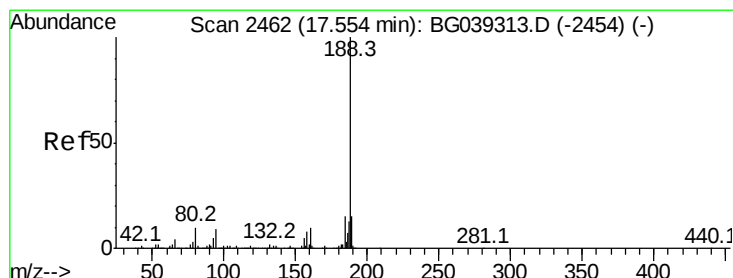
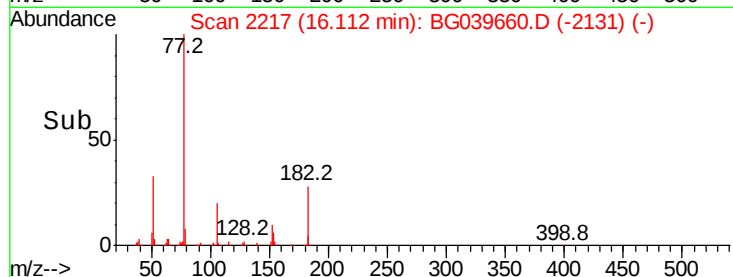
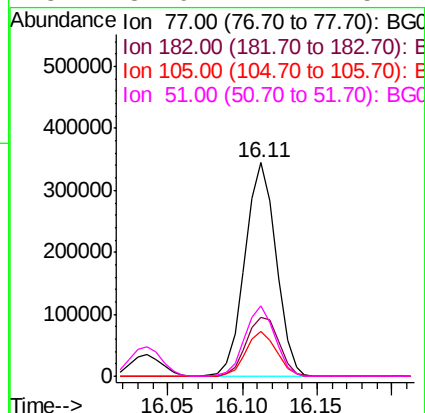
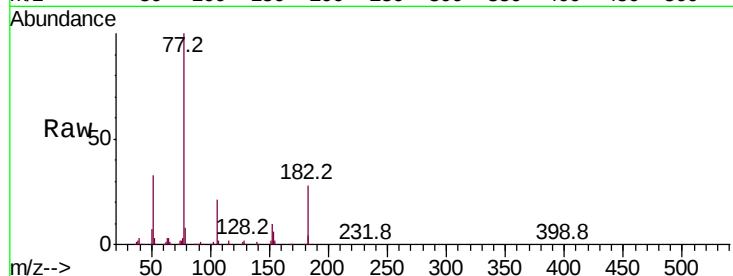




#63
Azobenzene
Concen: 33.784 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

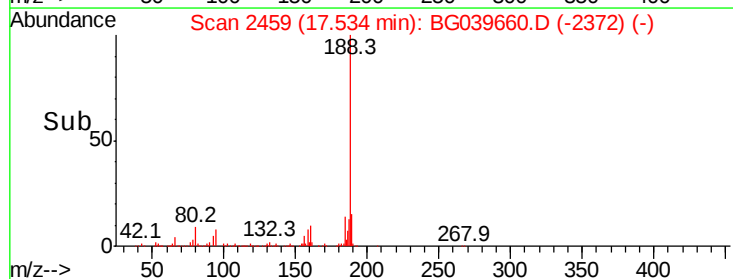
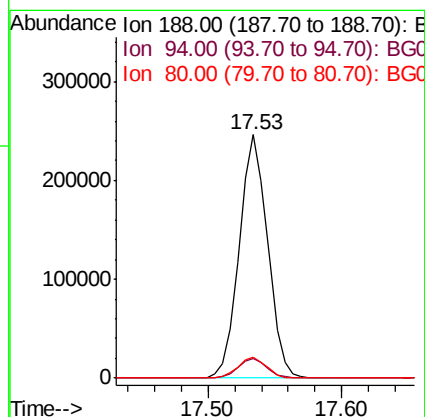
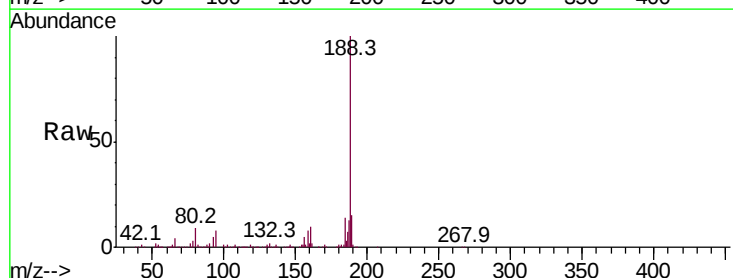
Instrument :
BNA_G
ClientSampleId :

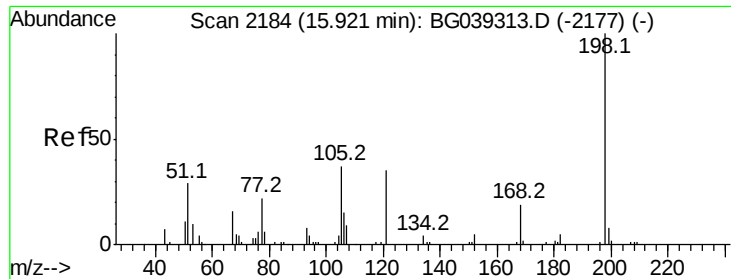
Tot Ion:	77	Resp:	495122
Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.4	46.4
105	20.9	0.0	39.8
51	32.9	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion:	188	Resp:	361847
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.8	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 54.148 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

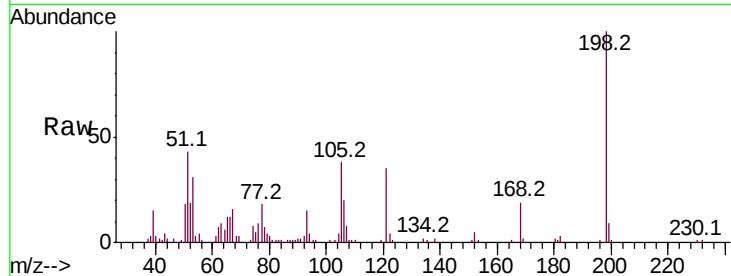
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 81167

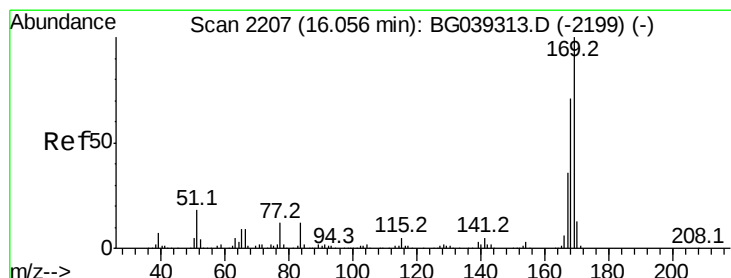
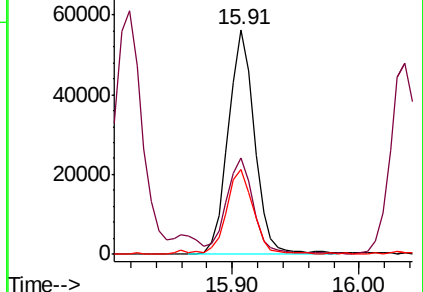
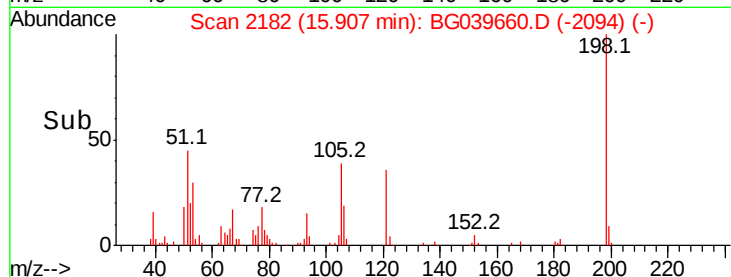
Ion	Ratio	Lower	Upper
198	100		
51	42.8	27.4	67.4
105	37.6	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.289 ng

RT: 16.04 min Scan# 2204

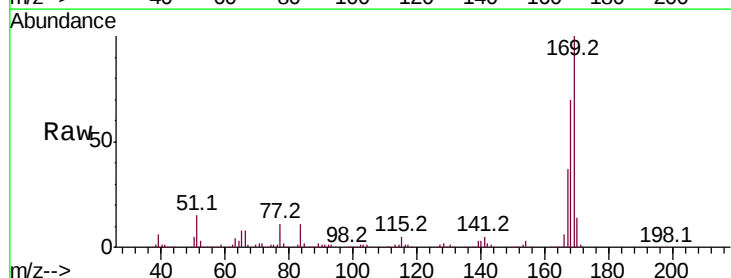
Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Tgt Ion:169 Resp: 476291

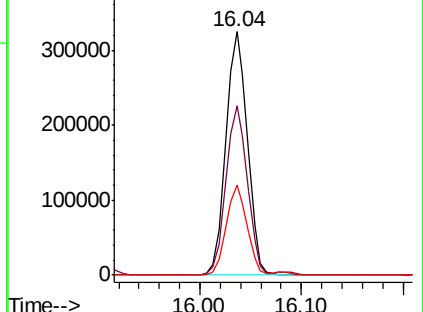
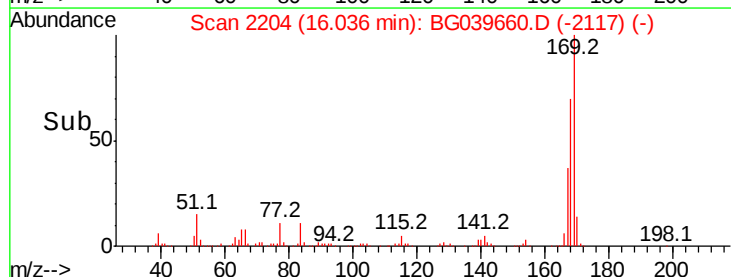
Ion	Ratio	Lower	Upper
169	100		
168	69.7	56.6	85.0
167	36.8	28.8	43.2

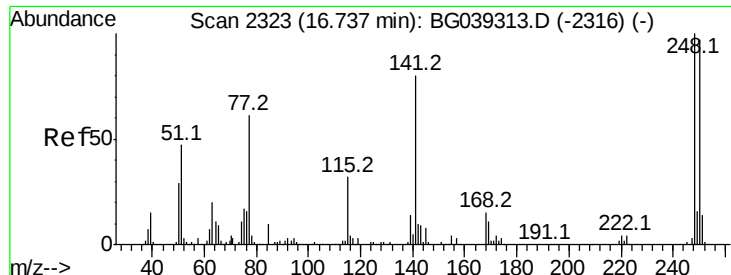


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

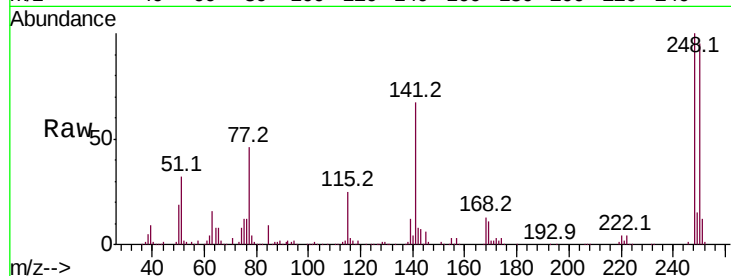




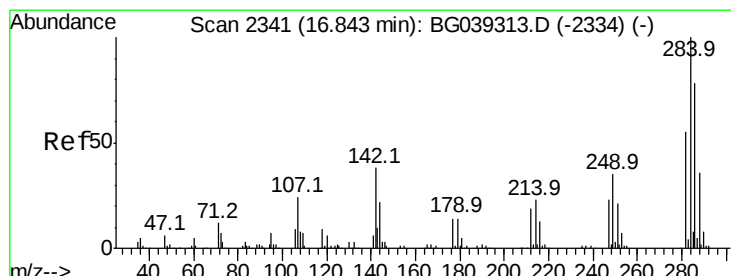
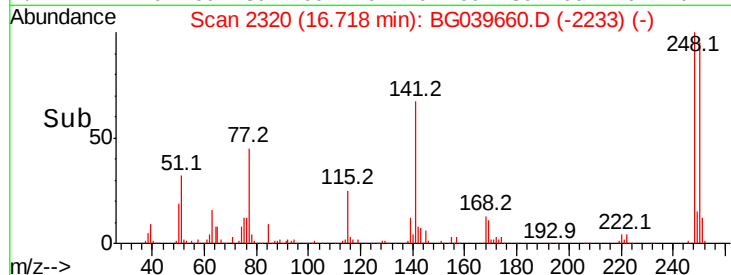
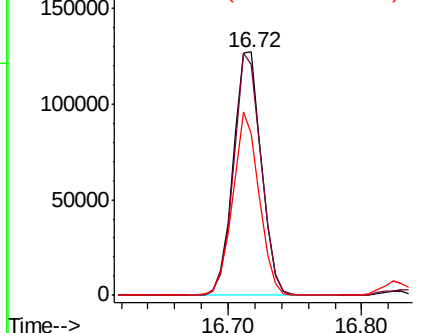
#67
 4-Bromophenyl-phenylether
 Concen: 46.264 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 185718
 Ion Ratio Lower Upper
 248 100
 250 94.7 77.6 116.4
 141 66.5 63.9 95.9

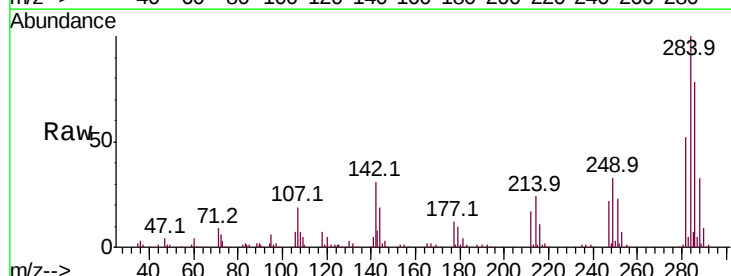


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

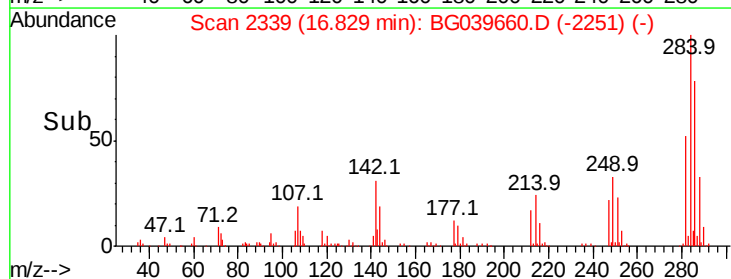
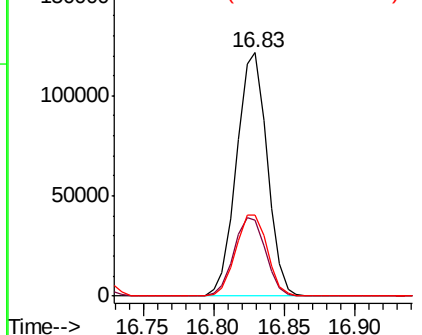


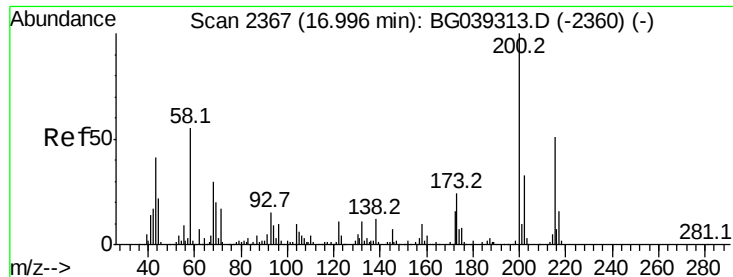
#68
 Hexachlorobenzene
 Concen: 45.718 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039660.D
 Acq: 28 Feb 2019 15:03

Tgt Ion:284 Resp: 184131
 Ion Ratio Lower Upper
 284 100
 142 31.3 30.6 45.8
 249 33.2 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: 32.116 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

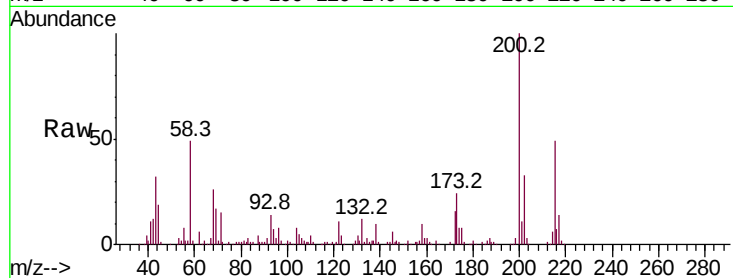
Tot Ion:200 Resp: 129132

Ion Ratio Lower Upper

200 100

173 24.2 3.9 43.9

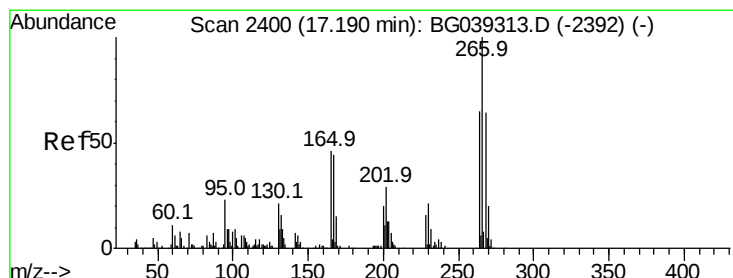
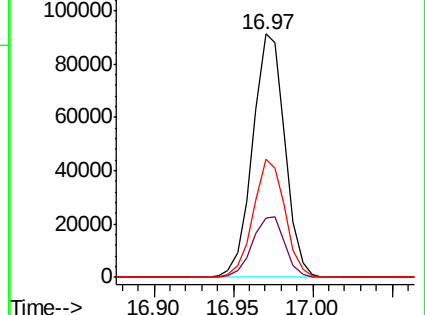
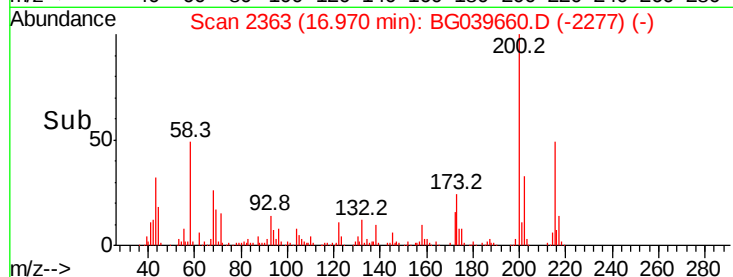
215 48.8 30.9 70.9



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: 35.127 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

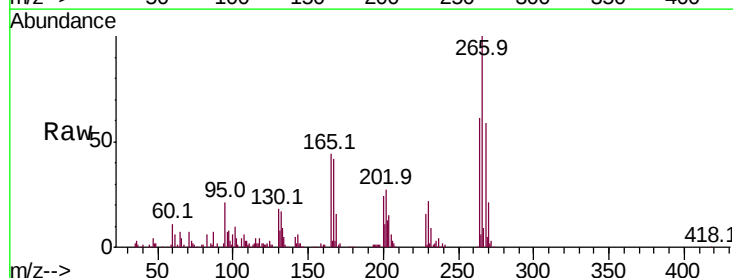
Tgt Ion:266 Resp: 98327

Ion Ratio Lower Upper

266 100

268 58.8 51.1 76.7

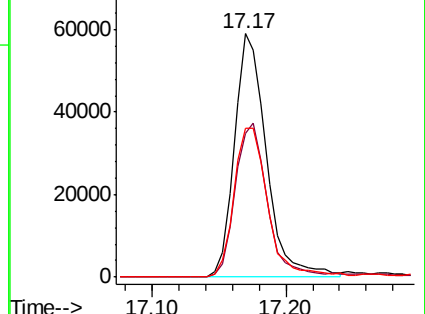
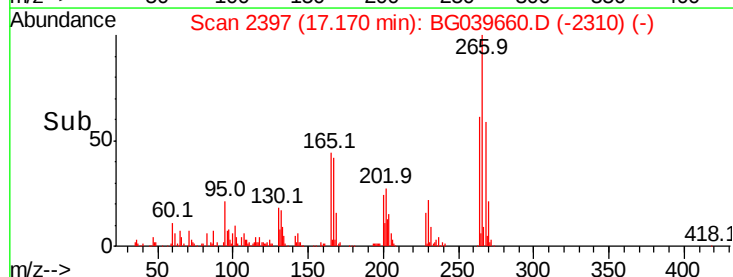
264 61.3 52.1 78.1

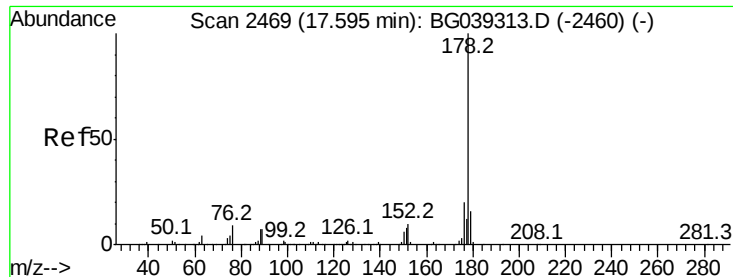


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

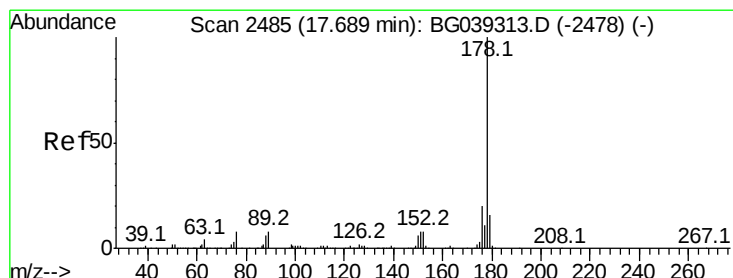
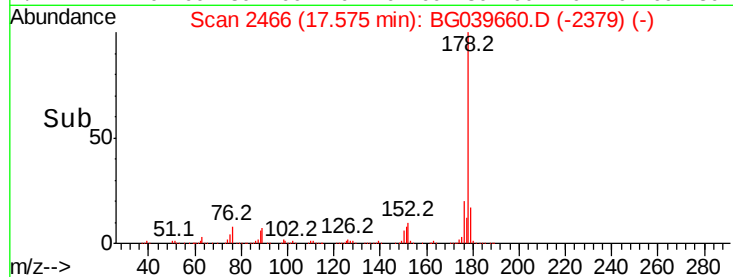
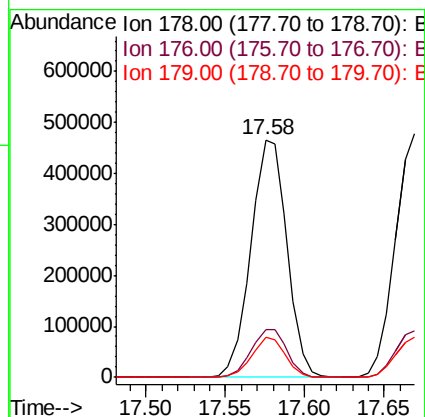
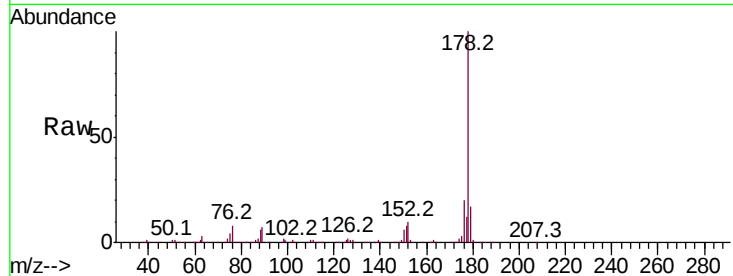




#71
Phenanthrene
Concen: 39.305 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

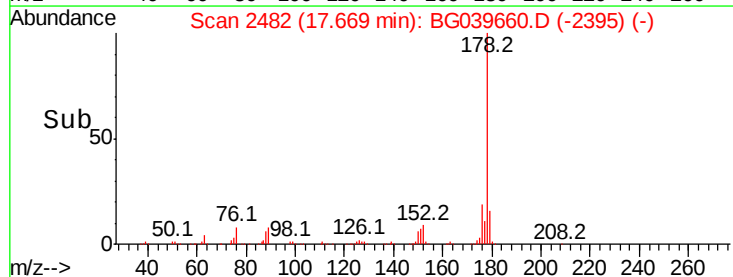
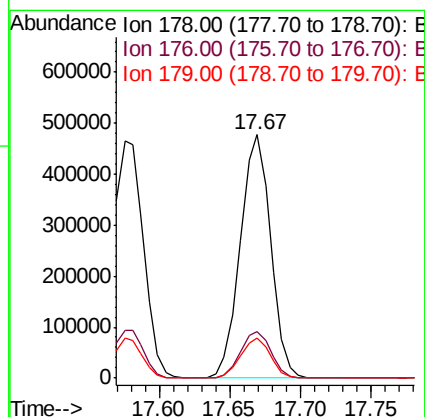
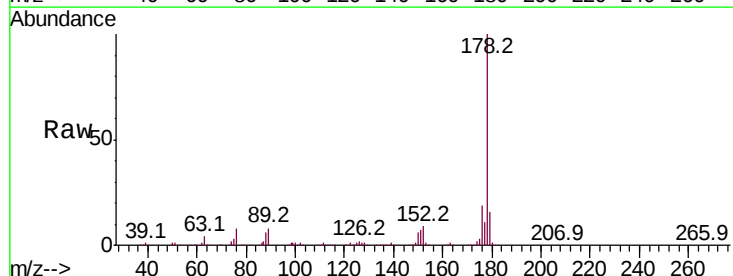
Instrument :
BNA_G
ClientSampleId :

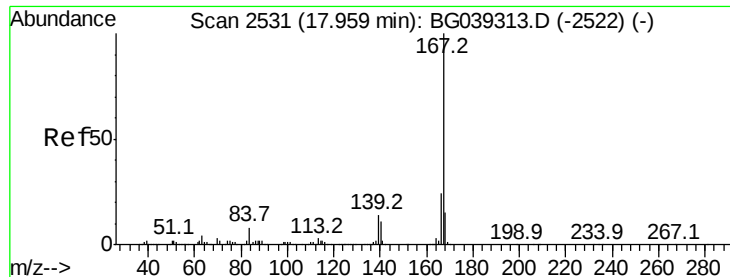
Tot Ion:178 Resp: 736104
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.8 12.6 19.0



#72
Anthracene
Concen: 38.912 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion:178 Resp: 717828
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 16.3 12.5 18.7





#73

Carbazole

Concen: 36.955 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

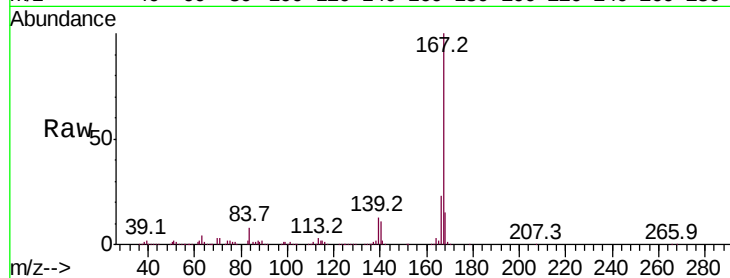
Tot Ion:167 Resp: 680352

Ion Ratio Lower Upper

167 100

166 23.1 19.4 29.2

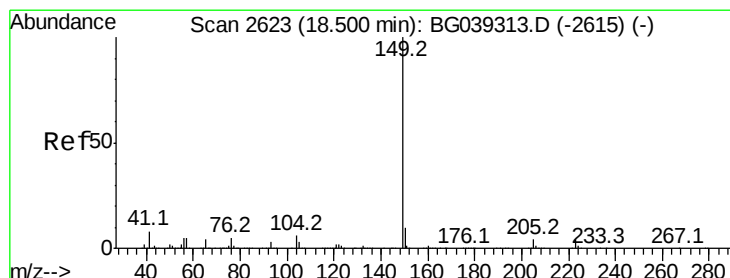
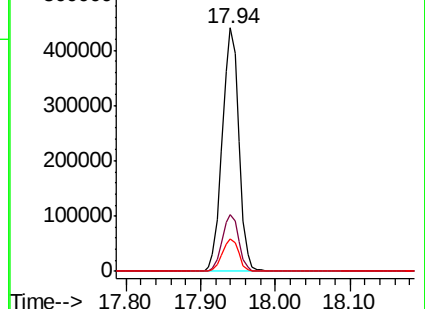
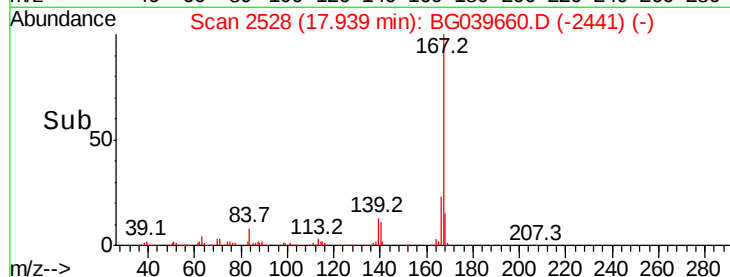
139 13.1 10.8 16.2



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: 35.431 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

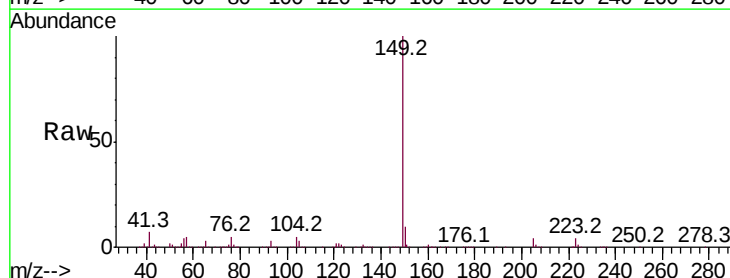
Tgt Ion:149 Resp: 760975

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

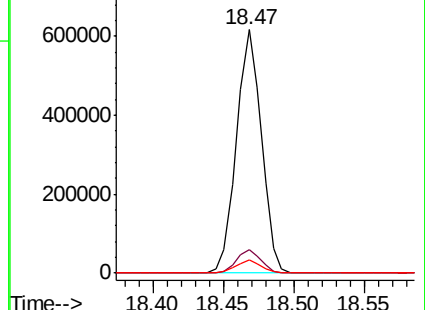
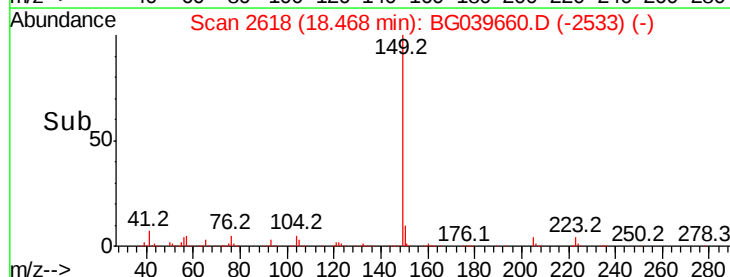
104 5.3 4.5 6.7

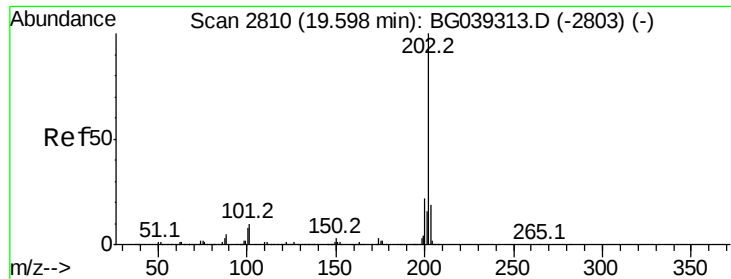


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.747 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

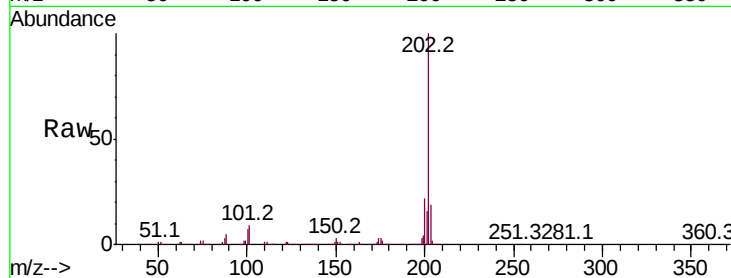
Tot Ion:202 Resp: 820522

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

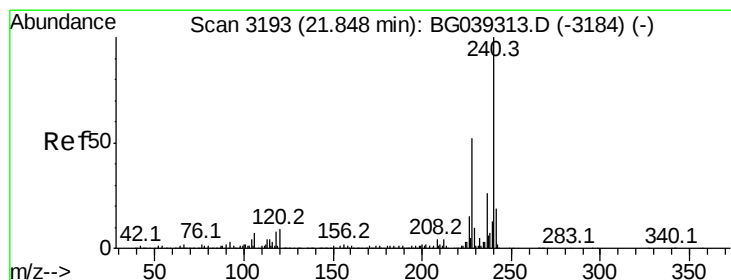
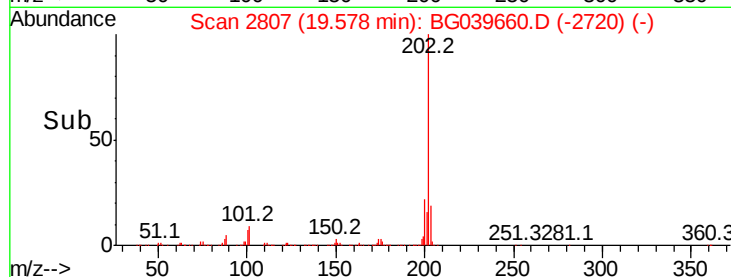
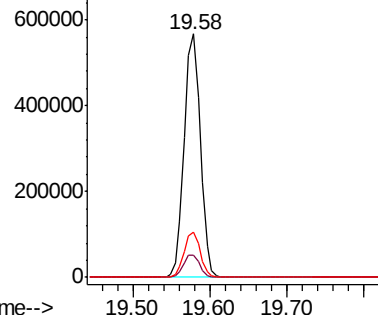
203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

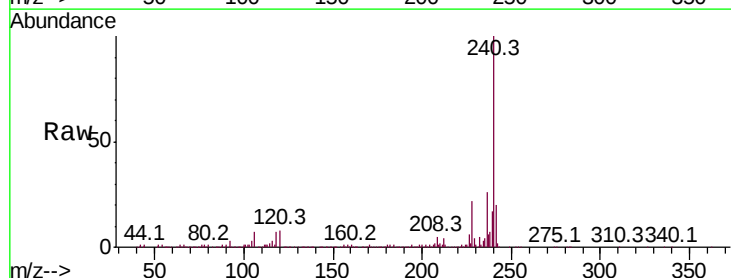
Tgt Ion:240 Resp: 357418

Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.6

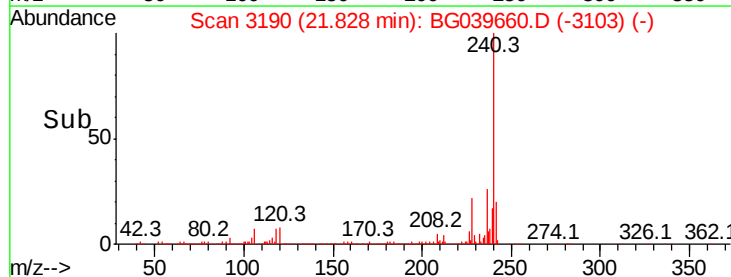
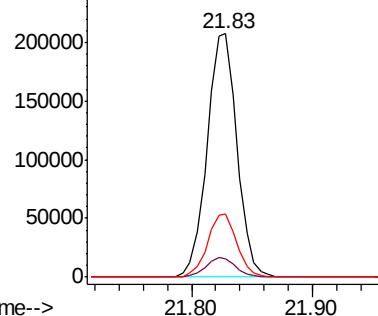
236 25.9 21.0 31.4

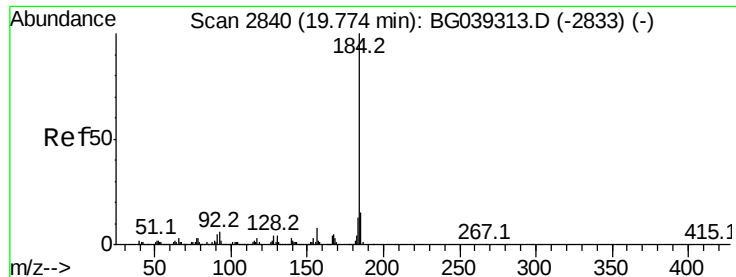


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.590 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

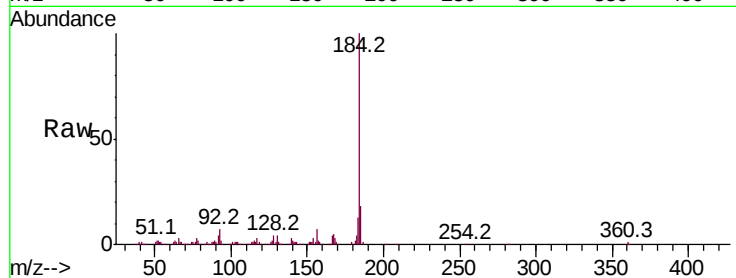
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 346746

Ion	Ratio	Lower	Upper
184	100		
185	17.7	12.2	18.2
183	13.0	10.6	15.8

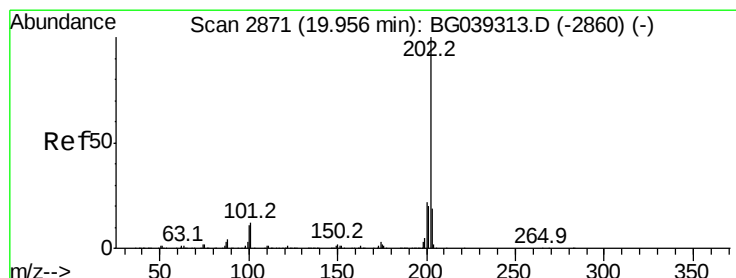
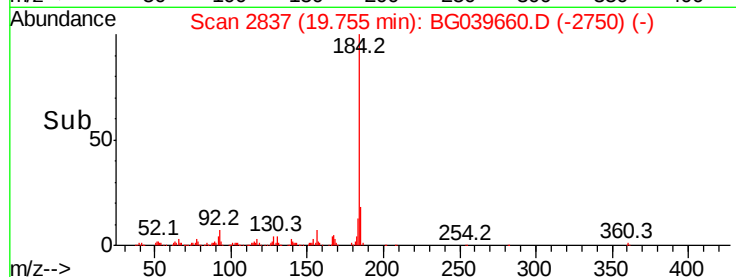
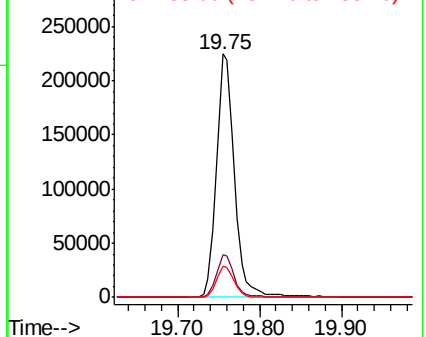


Abundance

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: 37.531 ng

RT: 19.94 min Scan# 2869

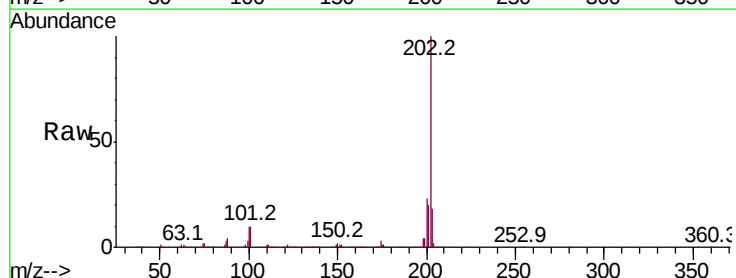
Delta R.T. -0.01 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Tgt Ion:202 Resp: 835084

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.8	26.8
203	18.3	15.3	22.9

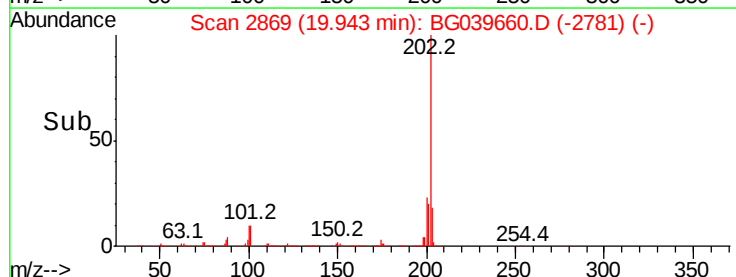
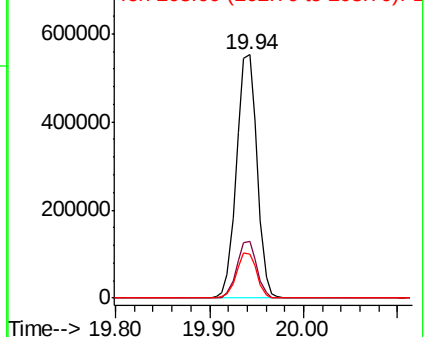


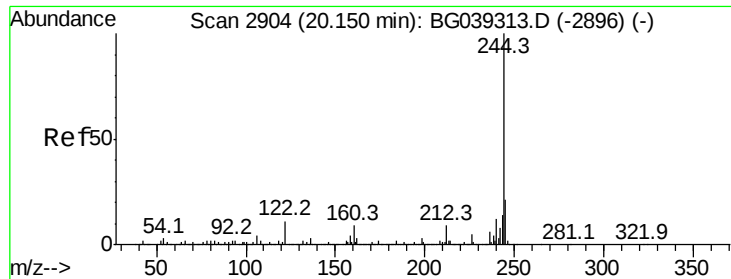
Abundance

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: 74.414 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

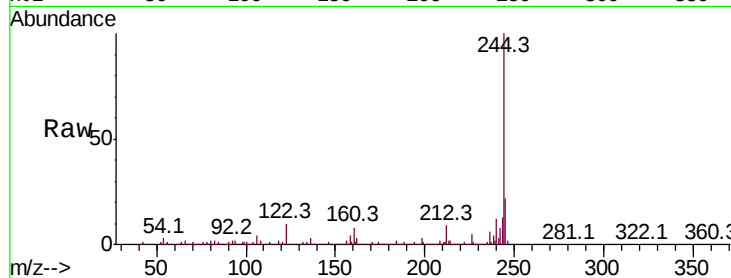
Tot Ion:244 Resp: 1256531

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.9	8.4	12.6

244 100

212 9.2 7.3 10.9

122 9.9 8.4 12.6

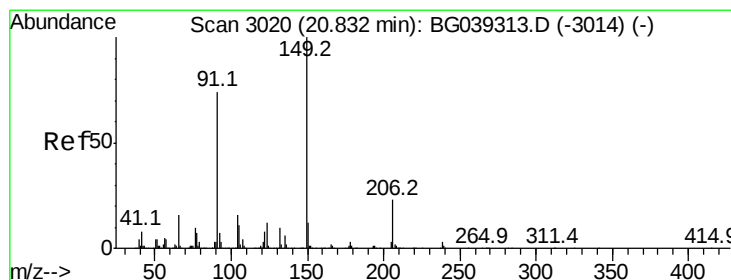
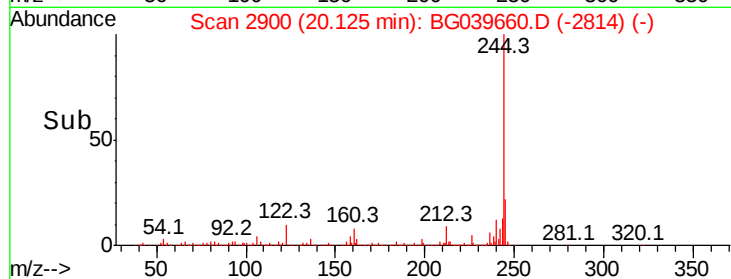
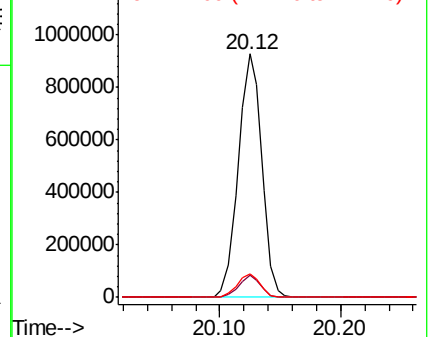


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.451 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

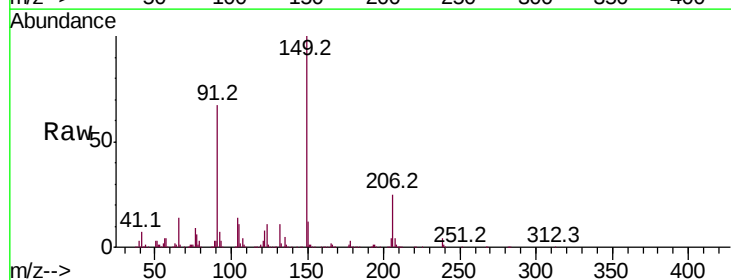
Tgt Ion:149 Resp: 379669

Ion	Ratio	Lower	Upper
149	100		
91	67.1	59.5	89.3
206	24.8	18.6	27.8

149 100

91 67.1 59.5 89.3

206 24.8 18.6 27.8

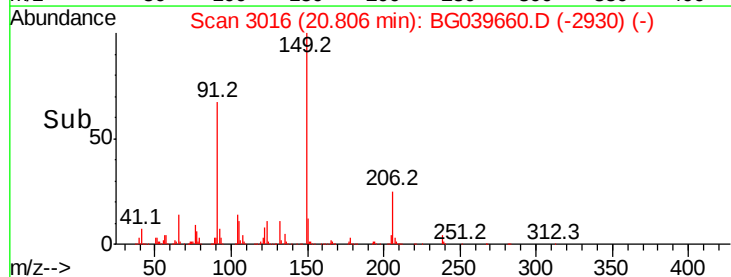
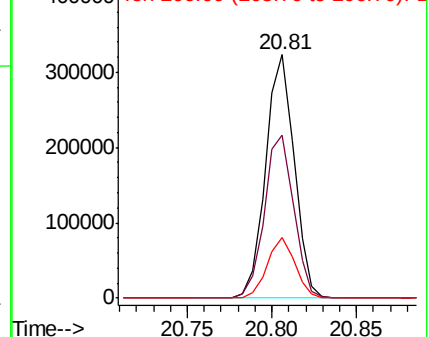


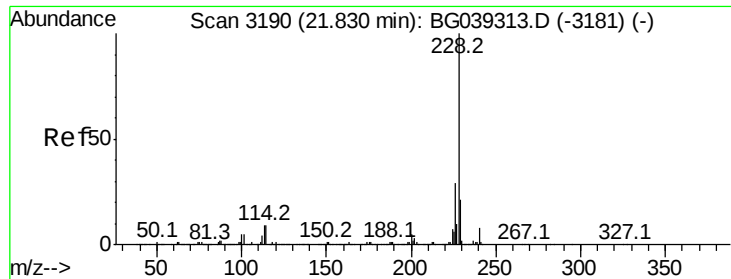
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.952 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

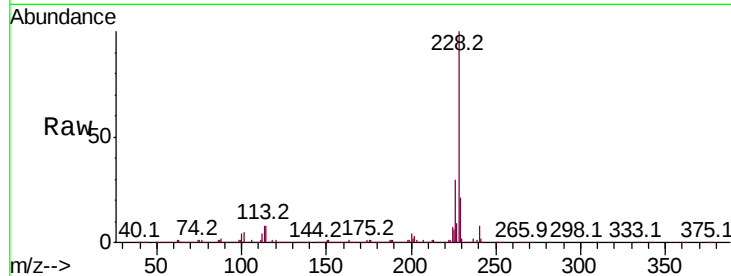
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 843764

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.6
229	20.8	16.9	25.3

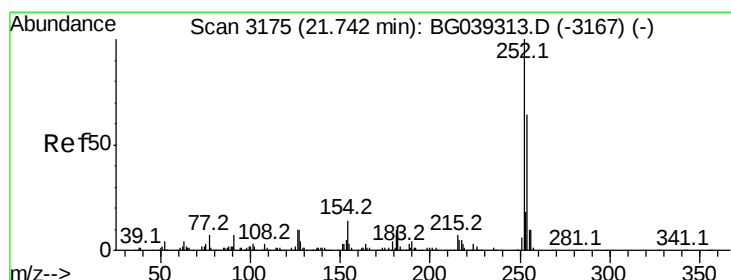
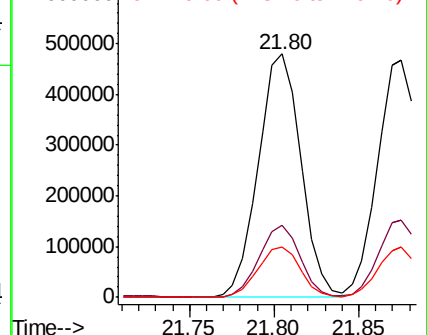
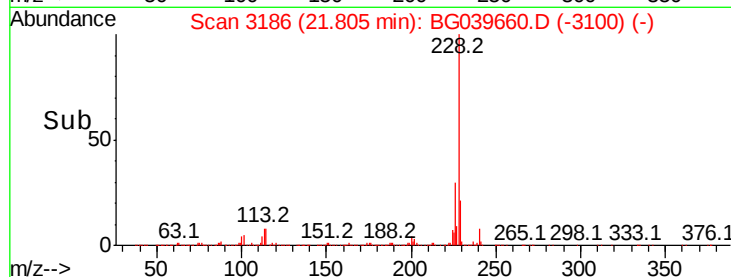


Abundance

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: 41.857 ng

RT: 21.72 min Scan# 3171

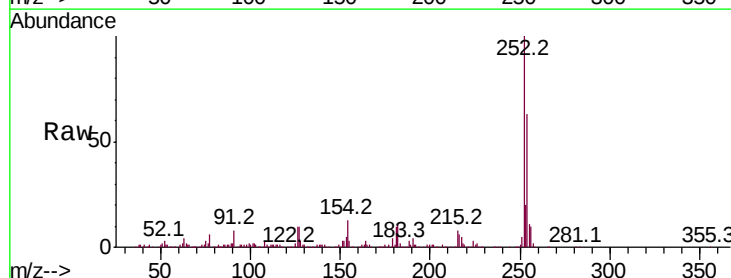
Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Tgt Ion:252 Resp: 327785

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.3	76.9
126	9.9	8.0	12.0

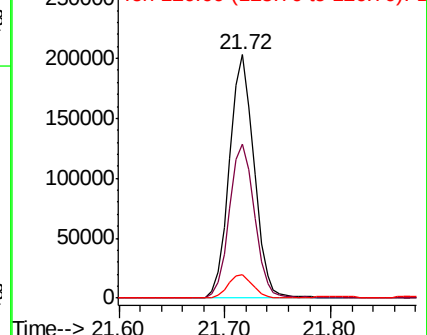
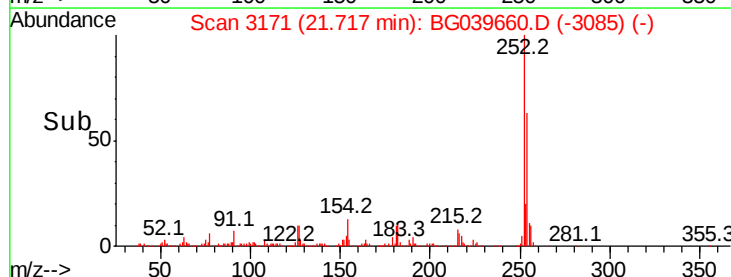


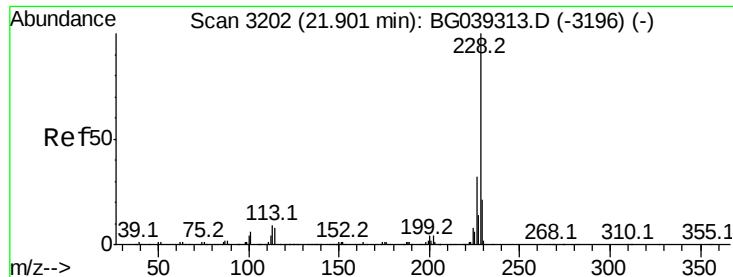
Abundance

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: 40.298 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

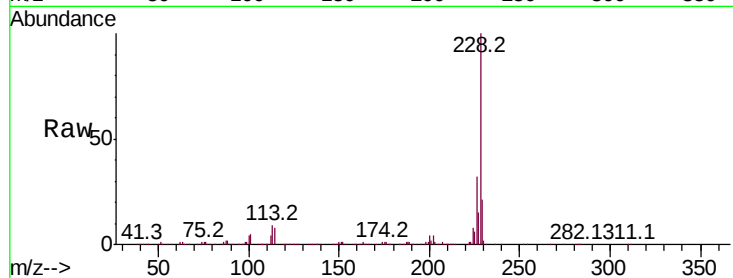
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 810164

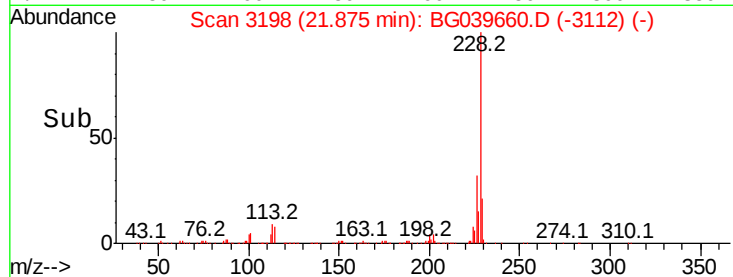
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.6
229	21.2	16.6	25.0



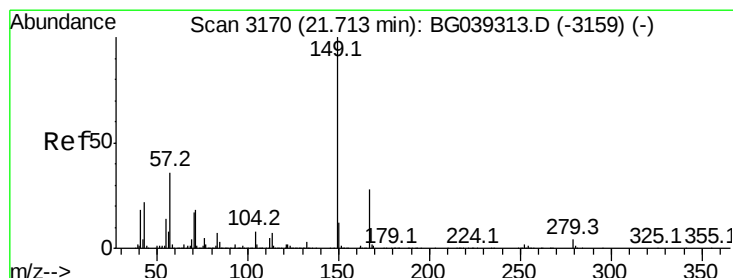
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.454 ng

RT: 21.67 min Scan# 3163

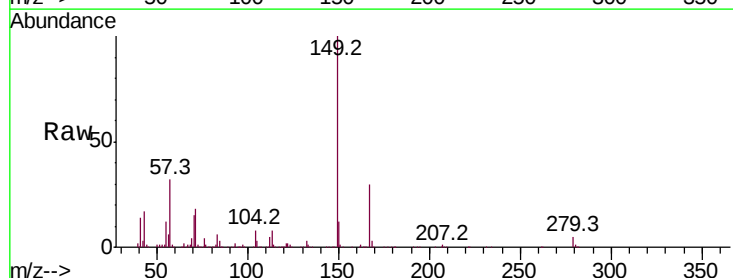
Delta R.T. -0.04 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Tgt Ion:149 Resp: 528312

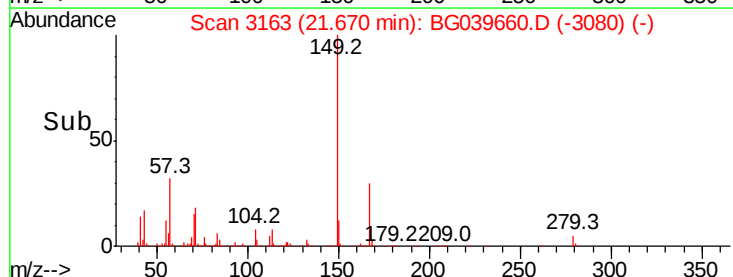
Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.6	34.0
279	4.8	3.5	5.3



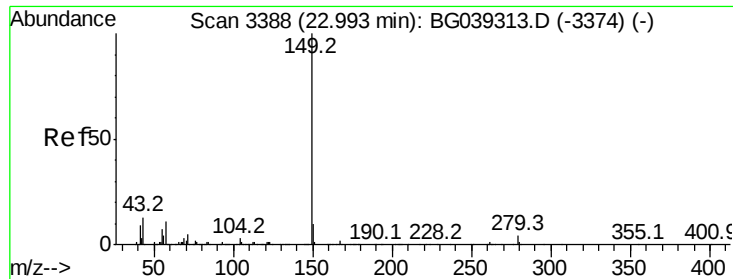
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 39.964 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.07 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

Instrument :

BNA_G

ClientSampleId :

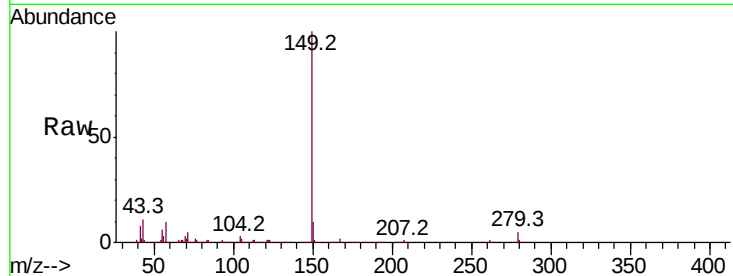
Tot Ion:149 Resp: 884103

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

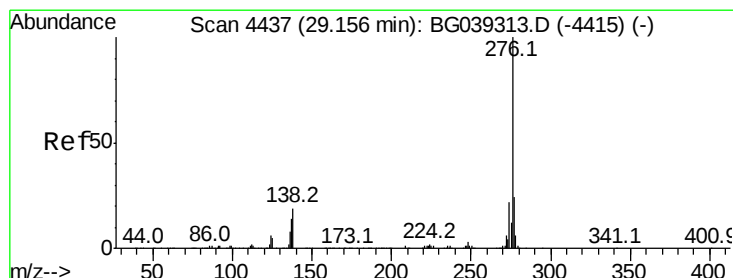
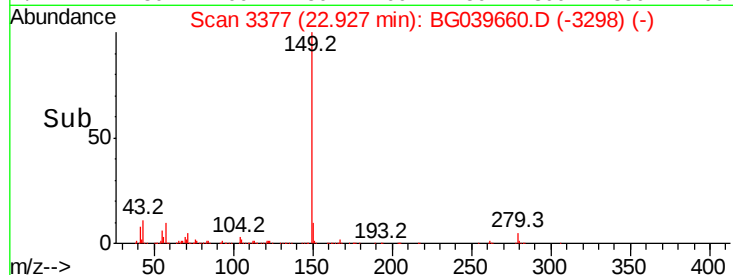
22.93

400000

200000

0

Time--> 22.80 22.90 23.00



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.963 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039660.D

Acq: 28 Feb 2019 15:03

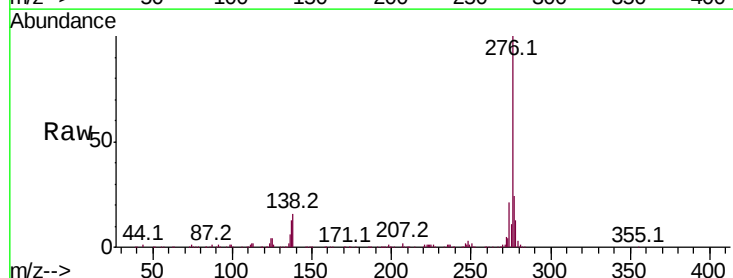
Tgt Ion:276 Resp: 926733

Ion Ratio Lower Upper

276 100

138 12.1 12.6 19.0#

277 25.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

29.09

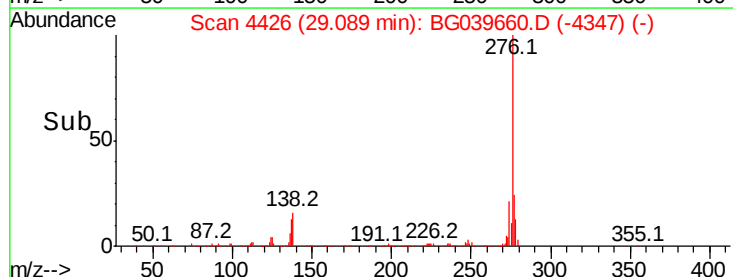
150000

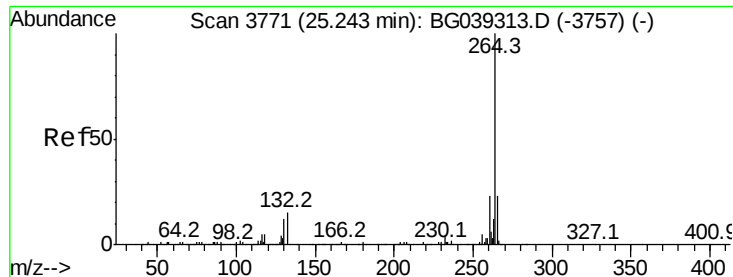
100000

50000

0

Time--> 28.80 29.00 29.20 29.40

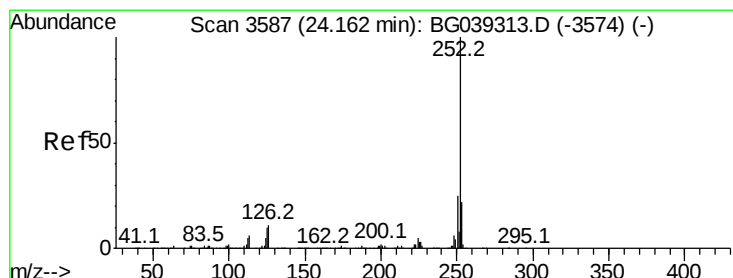
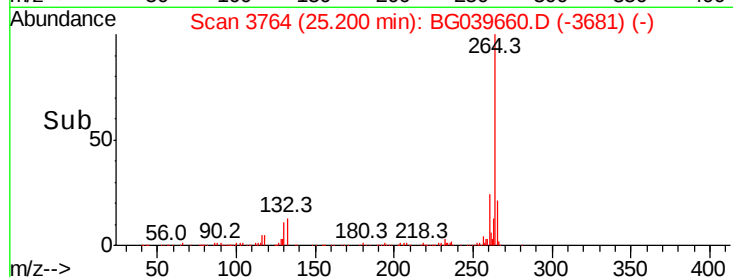
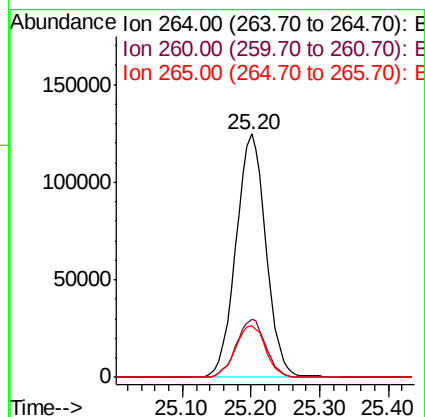
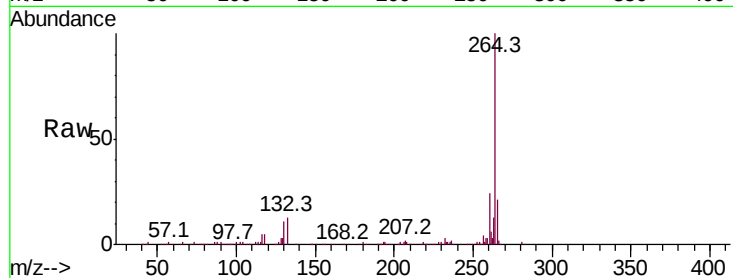




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

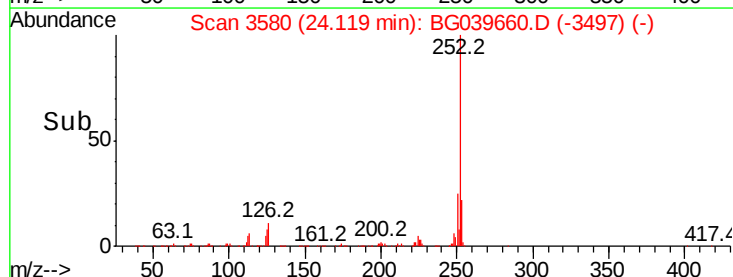
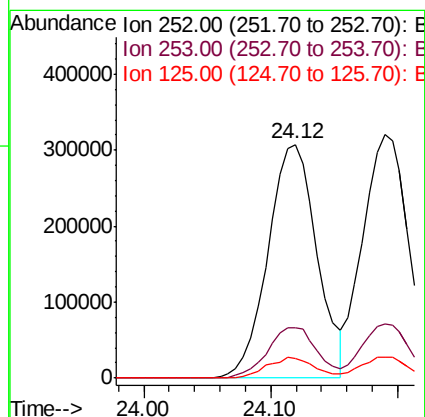
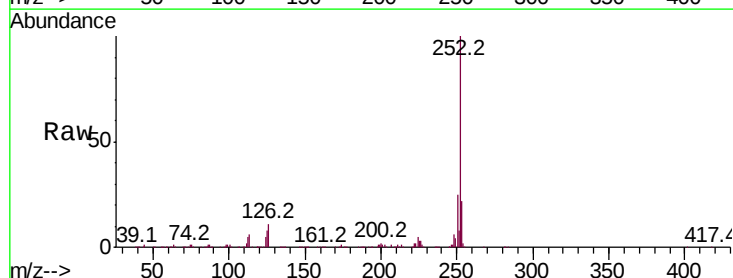
Instrument :
BNA_G
ClientSampleId :

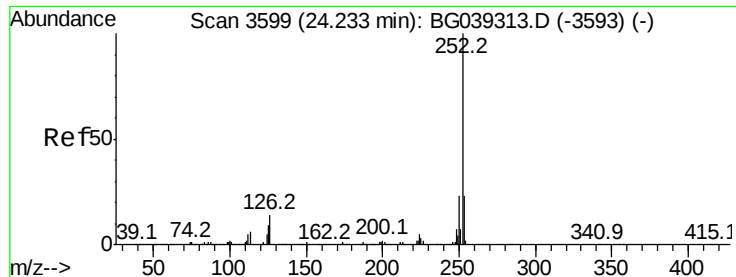
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.0	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 40.172 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.4	7.8	11.6

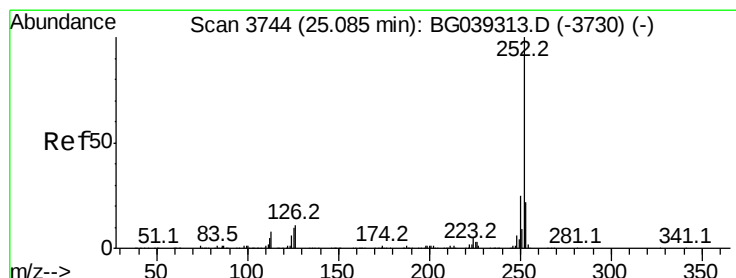
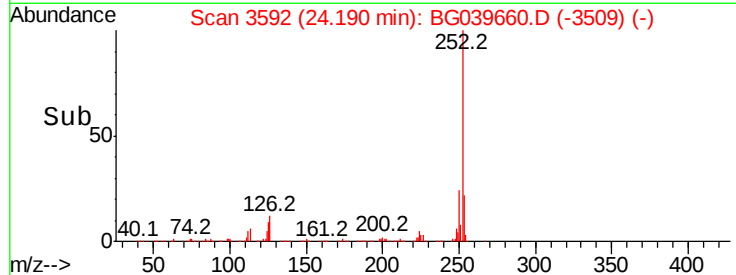
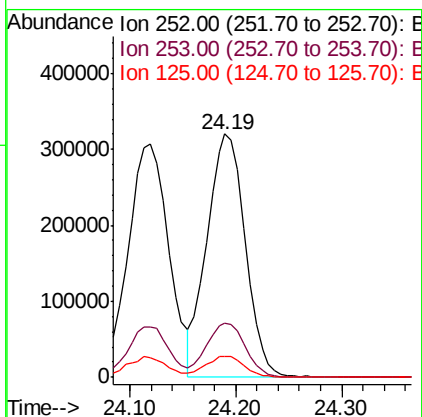
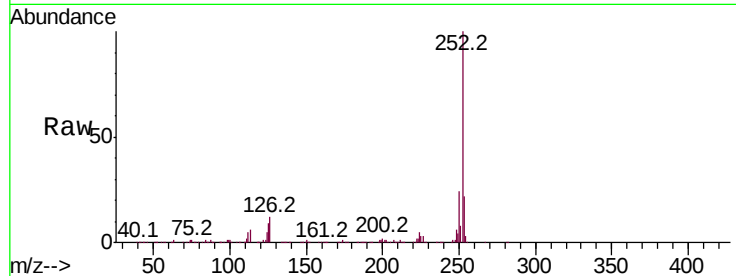




#89
Benzo(k)fluoranthene
Concen: 38.812 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.04 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

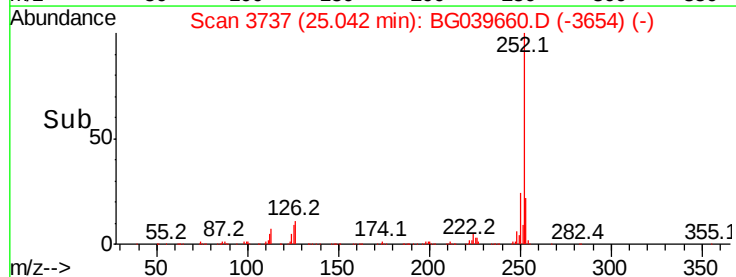
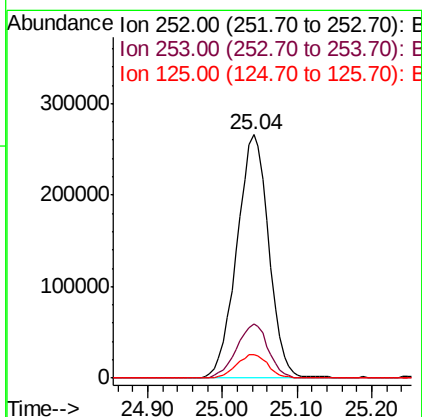
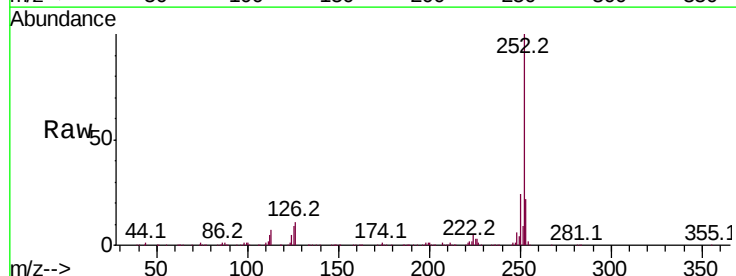
Instrument :
BNA_G
ClientSampleId :

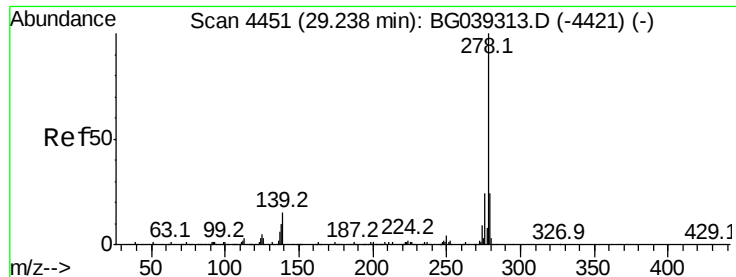
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.7	7.4	11.2



#90
Benzo(a)pyrene
Concen: 39.755 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.04 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.4	8.3	12.5

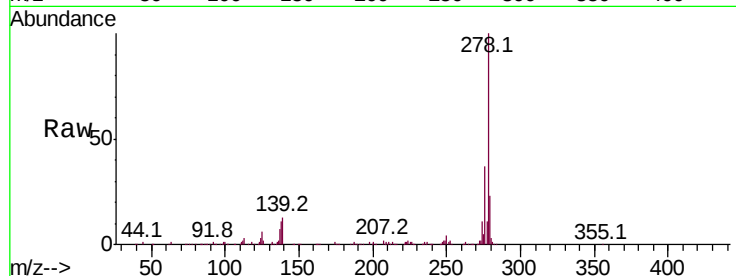




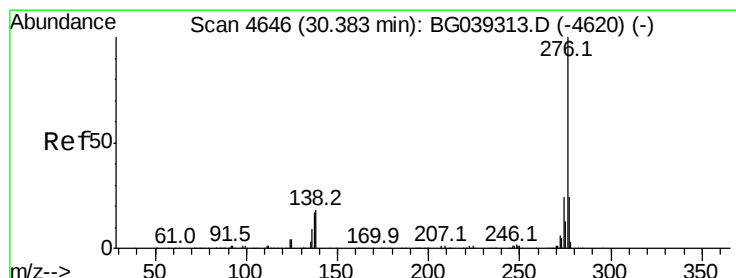
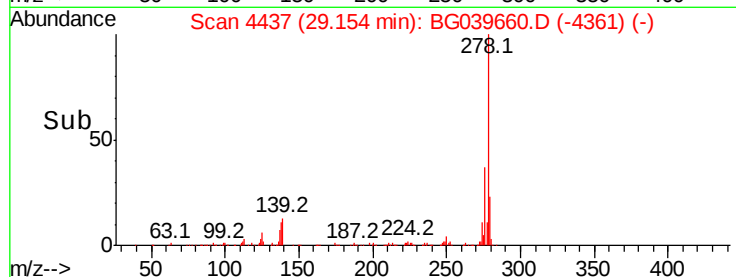
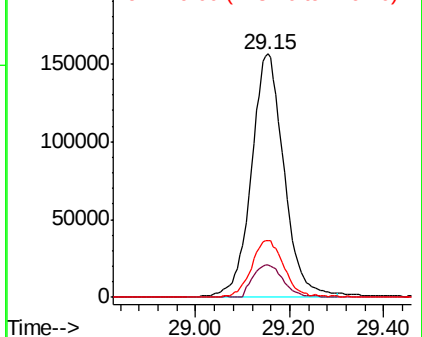
#91
Dibenzo(a,h)anthracene
Concen: 40.681 ng
RT: 29.15 min Scan# 4437
Delta R.T. -0.08 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.7	17.5
279	23.2	19.1	28.7

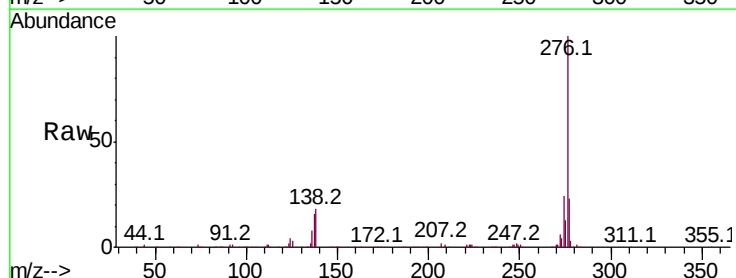


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.544 ng
RT: 30.31 min Scan# 4634
Delta R.T. -0.07 min
Lab File: BG039660.D
Acq: 28 Feb 2019 15:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	18.4	14.7	22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

