

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039899.D
 Acq On : 13 Mar 2019 8:05
 Operator : JU/SJ
 Sample : PB117850BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 15:06:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40392	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	170696	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	120922	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	305289	20.00	ng	0.00
76) Chrysene-d12	21.81	240	310976	20.00	ng	-0.02
87) Perylene-d12	25.18	264	316189	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	332924	140.61	ng	0.00
7) Phenol-d6	7.30	99	478152	135.44	ng	-0.02
23) Nitrobenzene-d5	9.33	82	276820	87.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	191217	135.67	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	688051	81.02	ng	-0.02
79) Terphenyl-d14	20.12	244	1148353	81.31	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.58	88	38102	34.858	ng	97
3) Pyridine	3.99	79	104684	35.773	ng	97
4) n-Nitrosodimethylamine	3.91	42	57934	41.732	ng	92
6) Aniline	7.48	93	79162	17.116	ng	94
8) 2-Chlorophenol	7.71	128	115634	40.257	ng	97
9) Benzaldehyde	7.29	77	52381	23.002	ng	99
10) Phenol	7.33	94	164833	43.100	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	110326	37.000	ng	98
12) 1,3-Dichlorobenzene	8.04	146	120350	37.047	ng	97
13) 1,4-Dichlorobenzene	8.19	146	122951	37.157	ng	97
14) 1,2-Dichlorobenzene	8.51	146	115886	36.247	ng	99
15) Benzyl Alcohol	8.39	79	111318	39.751	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	215474	36.131	ng	98
17) 2-Methylphenol	8.58	107	104467	42.839	ng	98
18) Hexachloroethane	9.24	117	42670	35.938	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	90313	35.542	ng	94
20) 3+4-Methylphenols	8.91	107	143434	42.339	ng	98
22) Acetophenone	8.98	105	175915	38.397	ng	# 95
24) Nitrobenzene	9.37	77	136910	41.350	ng	98
25) Isophorone	9.88	82	260700	39.422	ng	99
26) 2-Nitrophenol	10.08	139	68885	43.090	ng	98
27) 2,4-Dimethylphenol	10.12	122	121006	48.670	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	158836	39.523	ng	99
29) 2,4-Dichlorophenol	10.62	162	136042	48.599	ng	92
30) 1,2,4-Trichlorobenzene	10.83	180	127352	40.430	ng	93
31) Naphthalene	11.03	128	366621	40.566	ng	98
32) Benzoic acid	10.23	122	8219	10.751	ng	# 82
33) 4-Chloroaniline	11.13	127	47601	12.421	ng	98
34) Hexachlorobutadiene	11.29	225	80602	37.446	ng	94
35) Caprolactam	11.92	113	46451	43.440	ng	# 87
36) 4-Chloro-3-methylphenol	12.24	107	146637	45.697	ng	95
37) 2-Methylnaphthalene	12.62	142	282878	41.866	ng	98
38) 1-Methylnaphthalene	12.84	142	269865	41.098	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	156678	38.247	ng	99

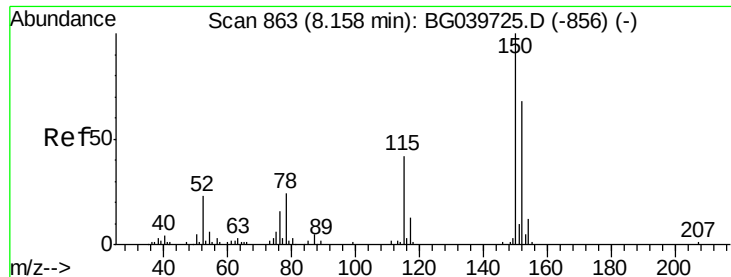
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039899.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	184543	84.061	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	110132	45.920	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	120771	44.675	ng	98
46) 1,1'-Biphenyl	13.61	154	381926	38.401	ng	99
47) 2-Chloronaphthalene	13.67	162	297478	39.759	ng	98
48) 2-Nitroaniline	13.87	65	107334	44.639	ng	88
49) Acenaphthylene	14.51	152	490628	39.945	ng	99
50) Dimethylphthalate	14.22	163	410302	40.578	ng	100
51) 2,6-Dinitrotoluene	14.36	165	92300	43.059	ng	96
52) Acenaphthene	14.84	154	295692	39.999	ng	100
53) 3-Nitroaniline	14.69	138	43005	19.958	ng	# 97
54) 2,4-Dinitrophenol	14.89	184	9779	12.015	ng	92
55) Dibenzofuran	15.17	168	491913	40.557	ng	99
56) 4-Nitrophenol	14.98	139	136117	70.616	ng	92
57) 2,4-Dinitrotoluene	15.14	165	131384	43.621	ng	89
58) Fluorene	15.82	166	391041	41.011	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	116129	43.986	ng	96
60) Diethylphthalate	15.57	149	417067	41.667	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	204428	40.178	ng	99
62) 4-Nitroaniline	15.86	138	97782	41.859	ng	95
63) Azobenzene	16.10	77	379128	41.785	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	19641	10.881	ng	93
66) n-Nitrosodiphenylamine	16.03	169	363654	41.146	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	136560	39.962	ng	96
68) Hexachlorobenzene	16.81	284	140324	39.615	ng	97
69) Atrazine	16.96	200	133767	38.457	ng	95
70) Pentachlorophenol	17.16	266	100057	44.727	ng	95
71) Phenanthrene	17.57	178	666474	39.634	ng	100
72) Anthracene	17.66	178	675912	41.248	ng	99
73) Carbazole	17.93	167	594100	40.216	ng	98
74) Di-n-butylphthalate	18.46	149	720623	41.460	ng	100
75) Fluoranthene	19.57	202	803213	40.417	ng	98
77) Benzidine	19.75	184	135793	13.761	ng	98
78) Pyrene	19.93	202	809460	40.058	ng	100
80) Butylbenzylphthalate	20.79	149	336999	43.046	ng	97
81) Benzo(a)anthracene	21.79	228	802426	41.172	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	109183	15.344	ng	100
83) Chrysene	21.86	228	743547	39.352	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	466840	42.434	ng	# 99
85) Di-n-octyl phthalate	22.91	149	801047	43.975	ng	95
86) Indeno(1,2,3-cd)pyrene	29.05	276	850438	39.675	ng	# 96
88) Benzo(b)fluoranthene	24.10	252	771443	40.915	ng	98
89) Benzo(k)fluoranthene	24.17	252	760849	43.350	ng	98
90) Benzo(a)pyrene	25.02	252	760460	43.647	ng	98
91) Dibenzo(a,h)anthracene	29.12	278	687314	40.239	ng	97
92) Benzo(g,h,i)perylene	30.28	276	688816	40.153	ng	99

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

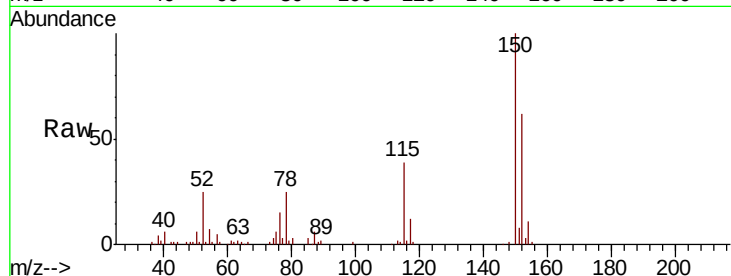


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.7	185.5
115	62.5	45.9	68.9

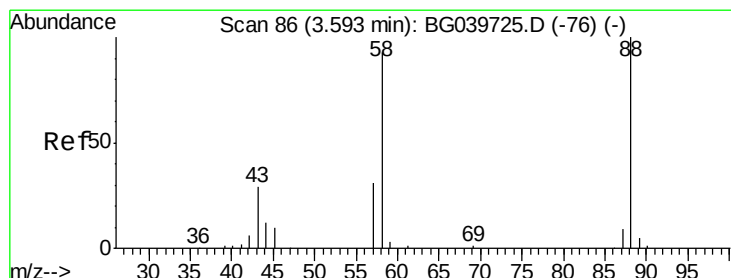
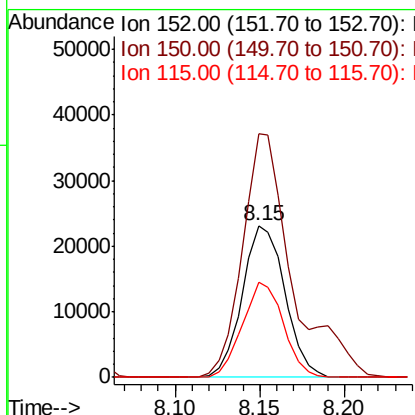
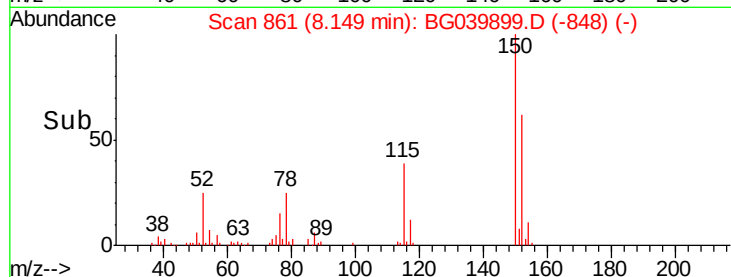


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

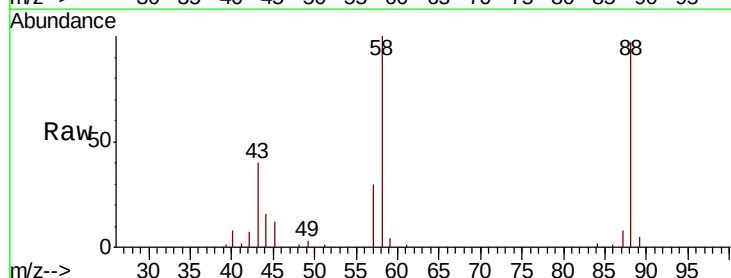
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.858 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.6	81.1	121.7
43	35.5	31.4	47.0

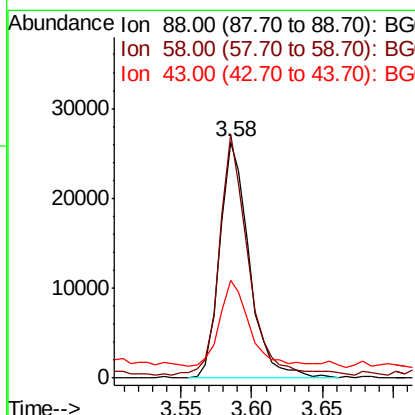
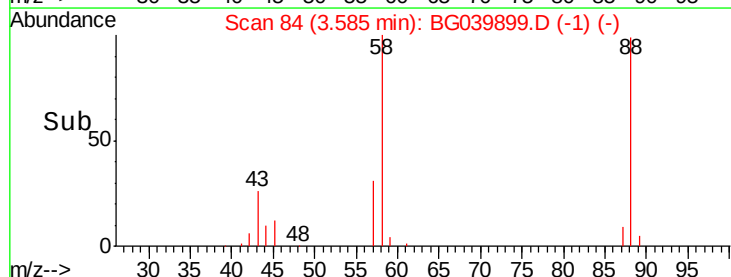


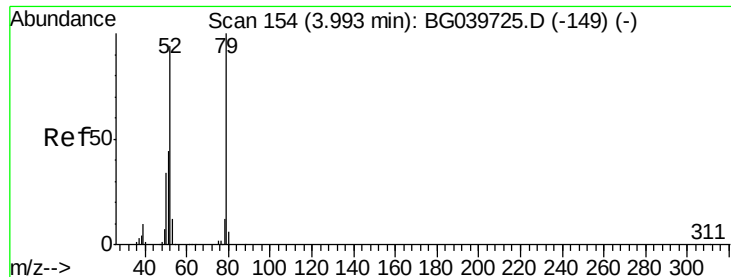
Abundance

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: 35.773 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

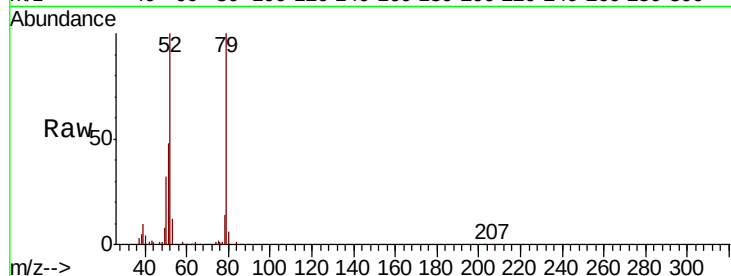
Tot Ion: 79 Resp: 104684

Ion Ratio Lower Upper

79 100

52 99.8 82.6 124.0

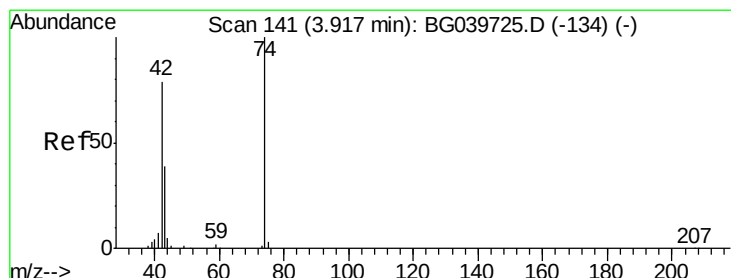
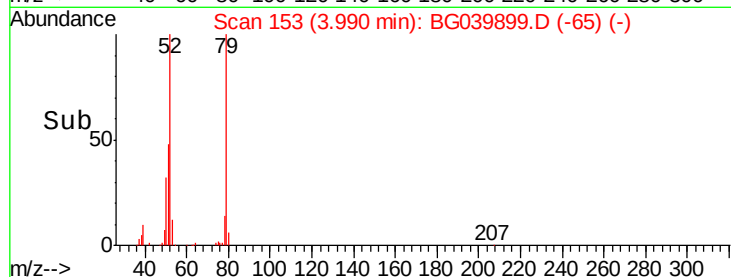
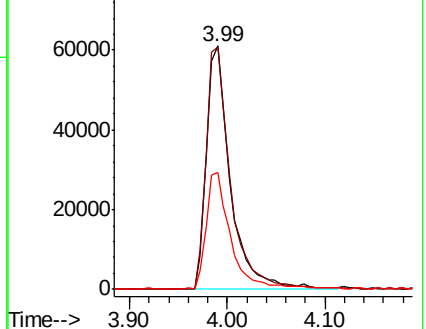
51 48.1 37.5 56.3



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: 41.732 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

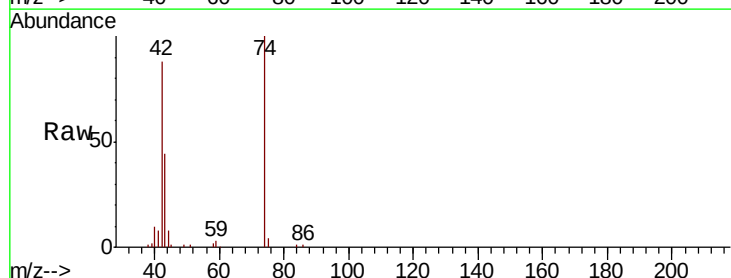
Tgt Ion: 42 Resp: 57934

Ion Ratio Lower Upper

42 100

74 113.2 83.6 125.4

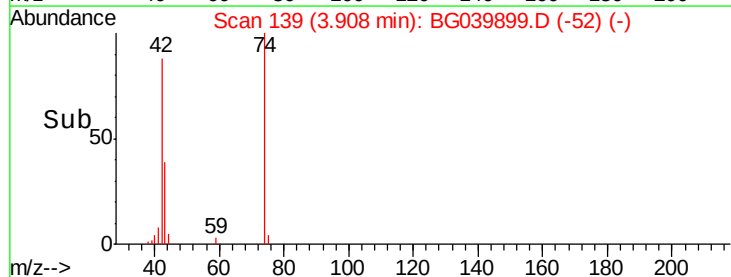
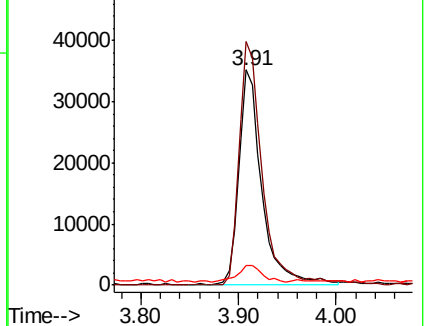
44 9.1 6.9 10.3

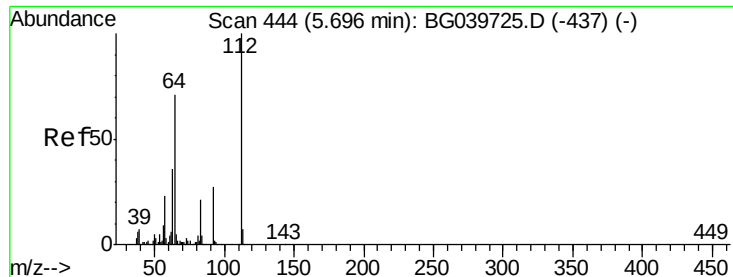


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 140.615 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampled :

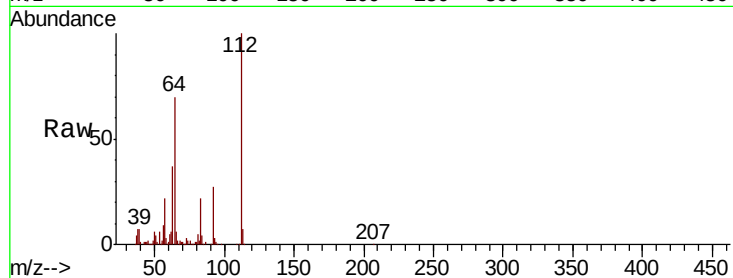
Tot Ion:112 Resp: 332924

Ion Ratio Lower Upper

112 100

64 69.7 57.8 86.8

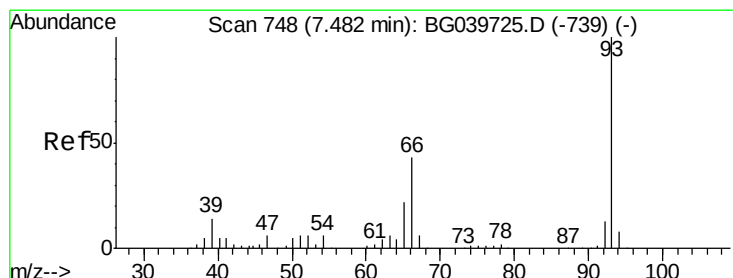
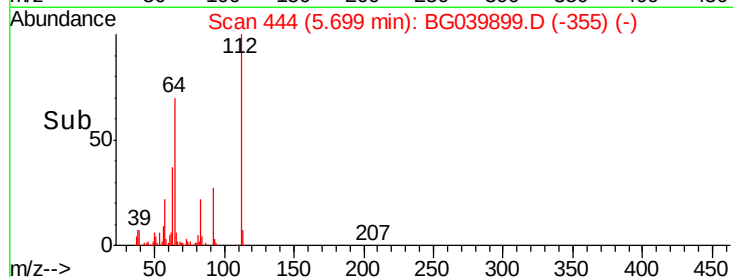
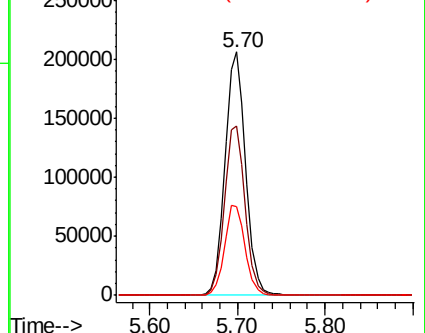
63 36.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.116 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

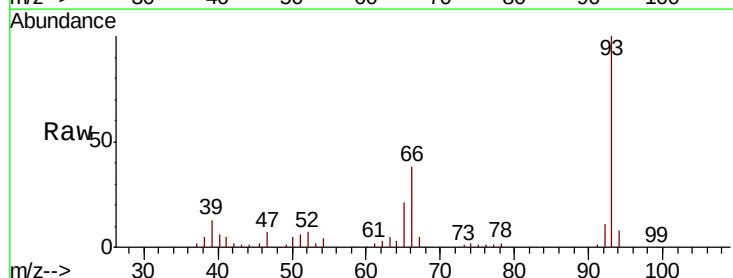
Tgt Ion: 93 Resp: 79162

Ion Ratio Lower Upper

93 100

66 37.8 34.2 51.4

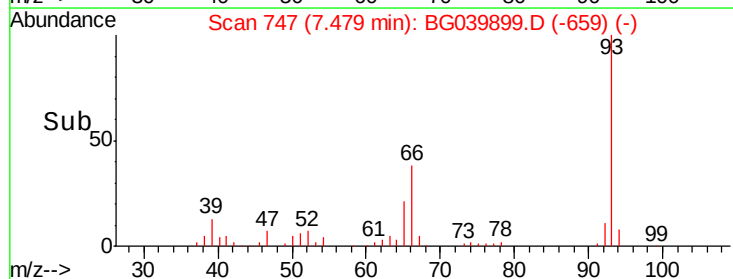
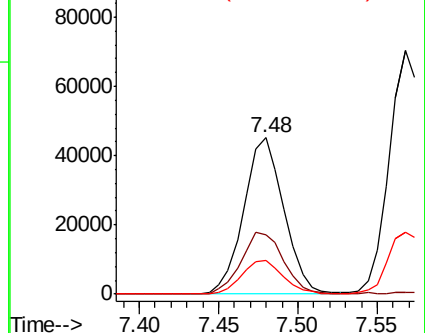
65 21.5 17.7 26.5

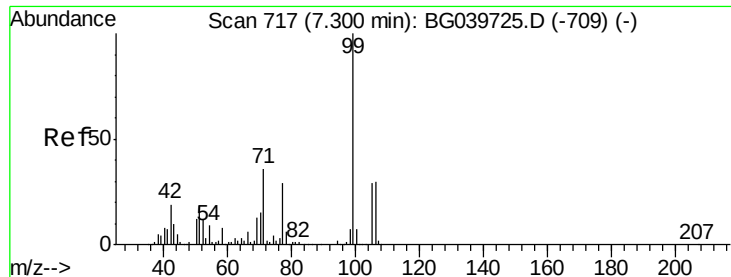


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.443 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

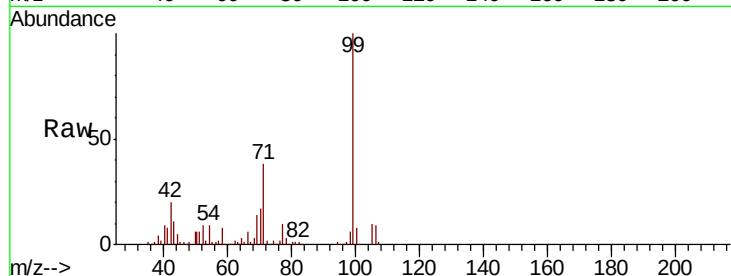
Tot Ion: 99 Resp: 478152

Ion Ratio Lower Upper

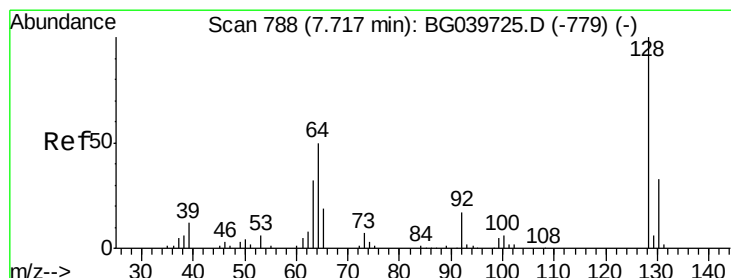
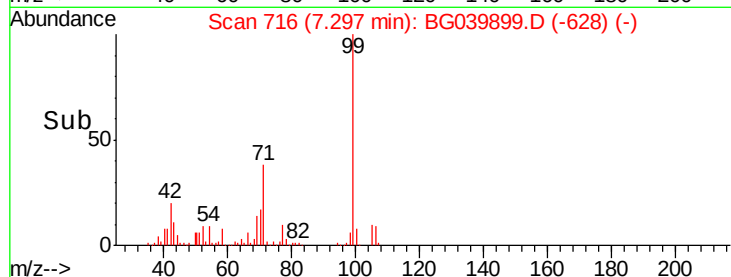
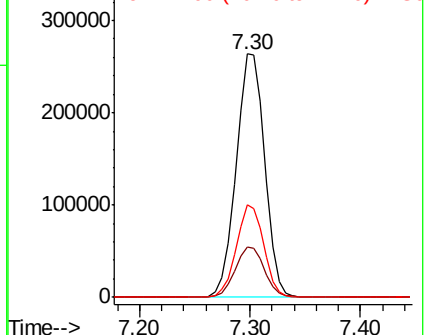
99 100

42 20.5 18.2 27.2

71 37.9 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: 40.257 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

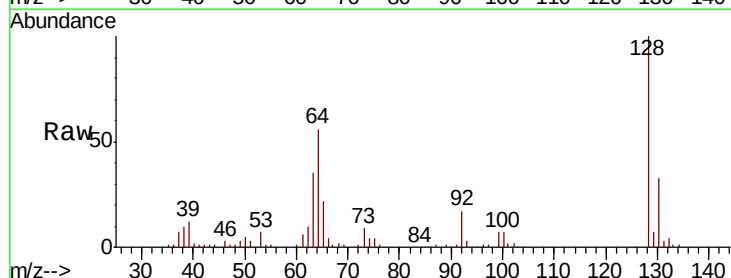
Tgt Ion: 128 Resp: 115634

Ion Ratio Lower Upper

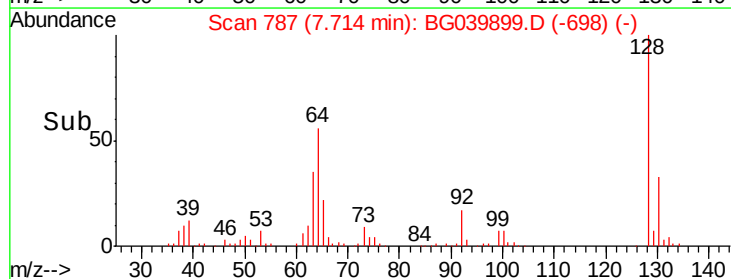
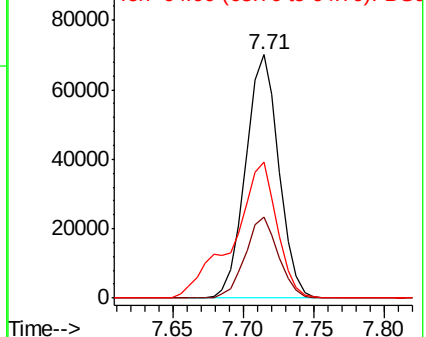
128 100

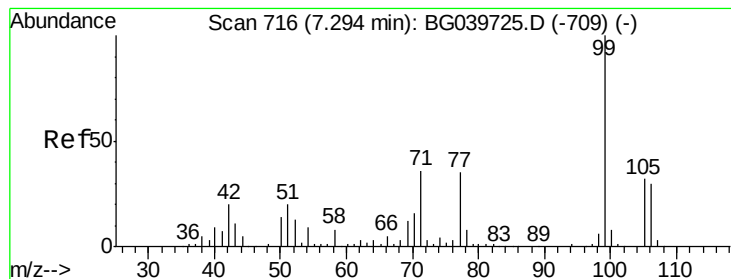
130 33.5 12.9 52.9

64 55.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 23.002 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampled :

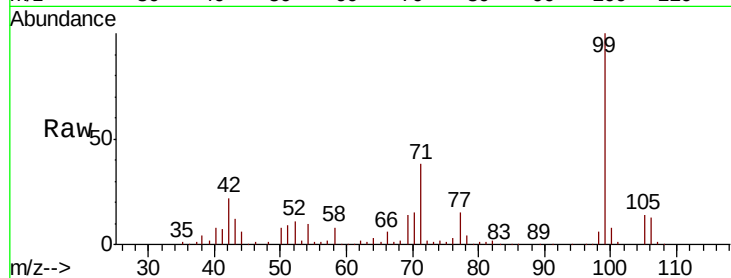
Tot Ion: 77 Resp: 52381

Ion Ratio Lower Upper

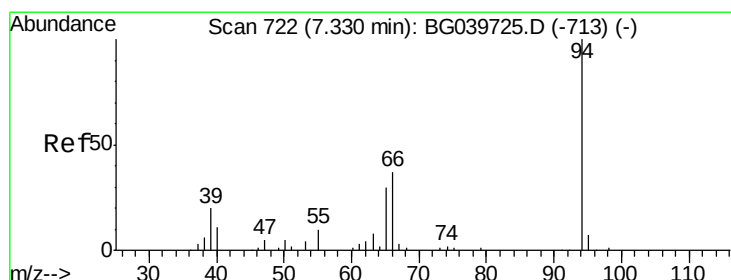
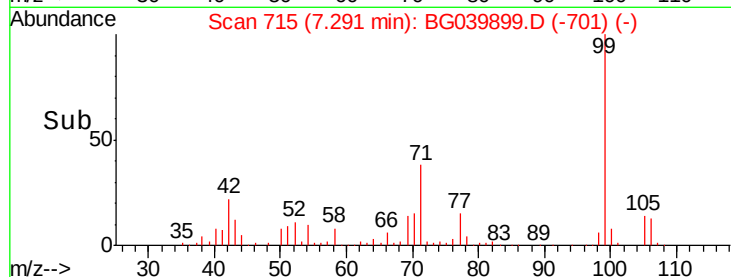
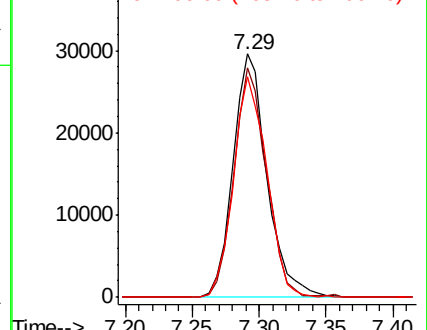
77 100

105 94.3 74.5 114.5

106 90.5 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.100 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

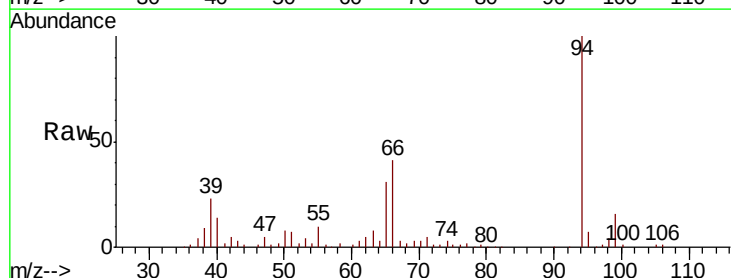
Tgt Ion: 94 Resp: 164833

Ion Ratio Lower Upper

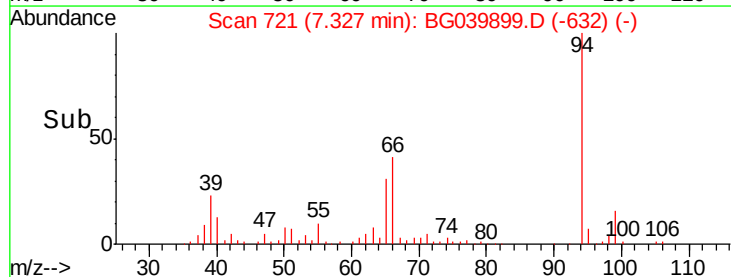
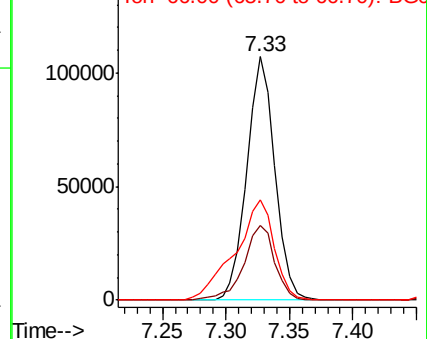
94 100

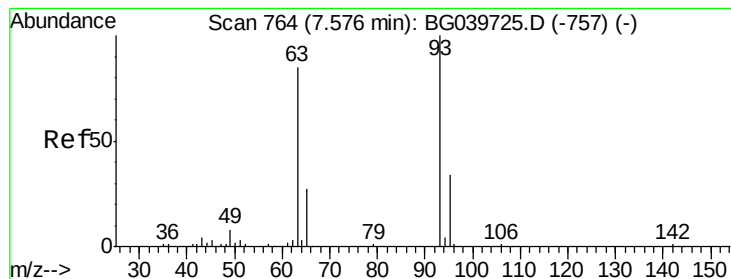
65 30.6 11.7 51.7

66 41.3 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.000 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

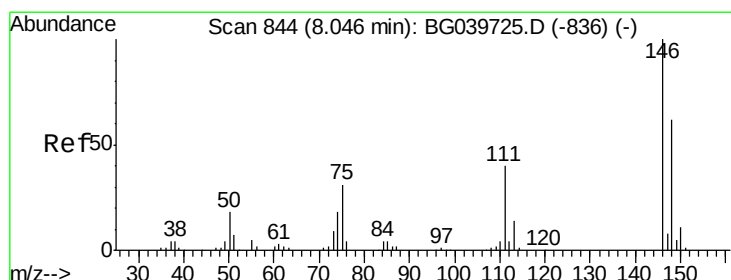
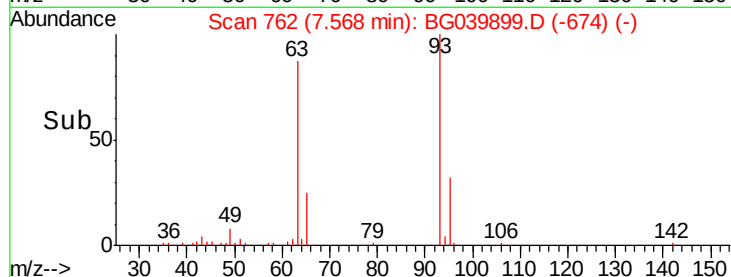
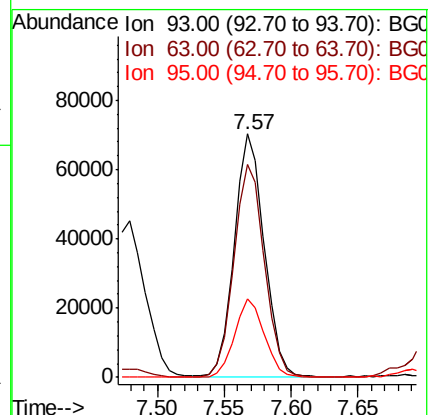
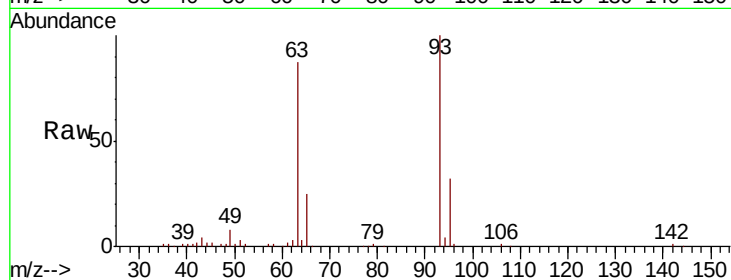
Tot Ion: 93 Resp: 110326

Ion Ratio Lower Upper

93 100

63 87.3 69.5 109.5

95 32.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 37.047 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

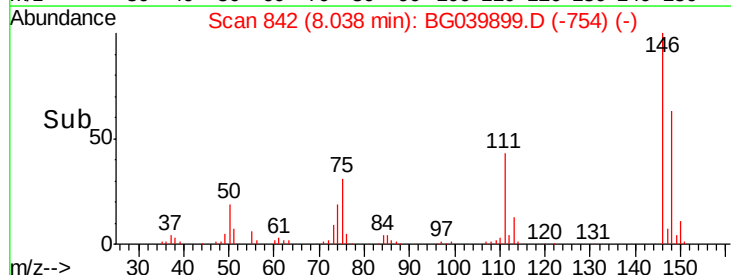
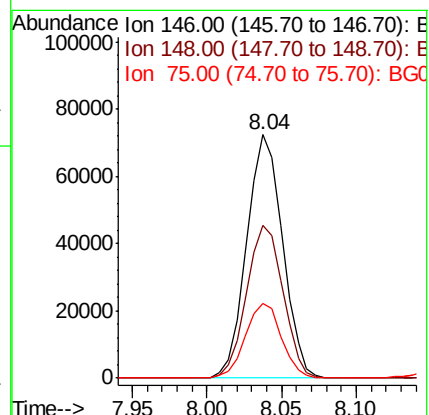
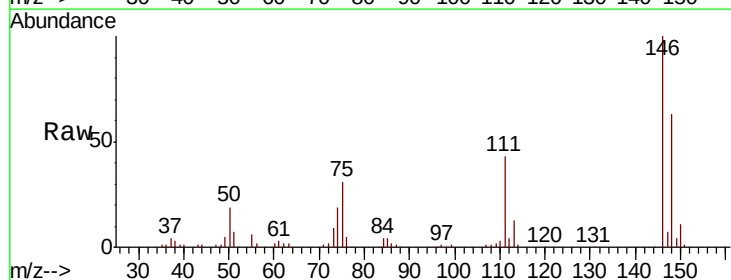
Tgt Ion: 146 Resp: 120350

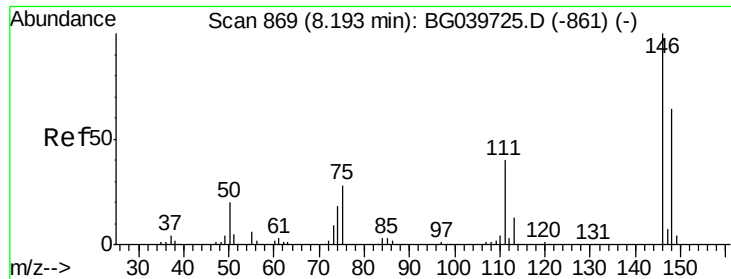
Ion Ratio Lower Upper

146 100

148 63.0 52.6 79.0

75 30.9 25.8 38.6

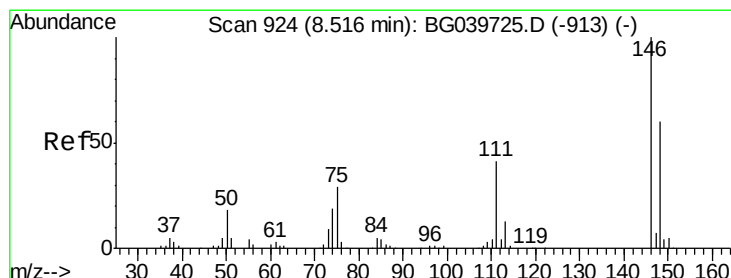
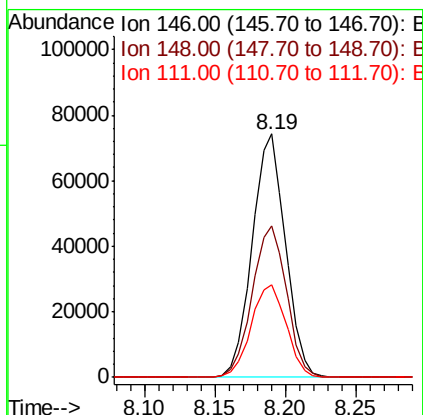
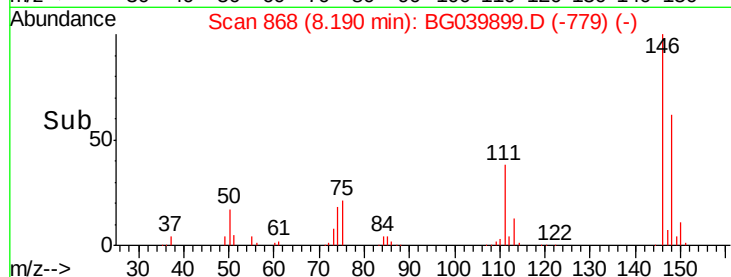
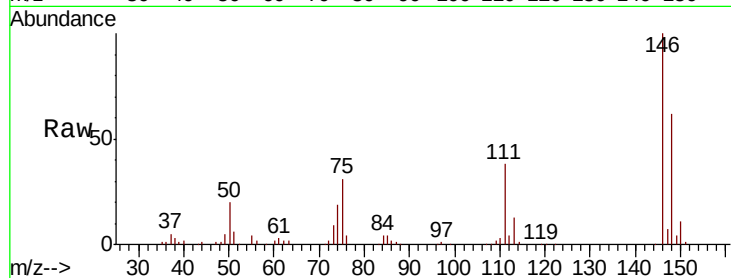




#13
 1,4-Dichlorobenzene
 Concen: 37.157 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

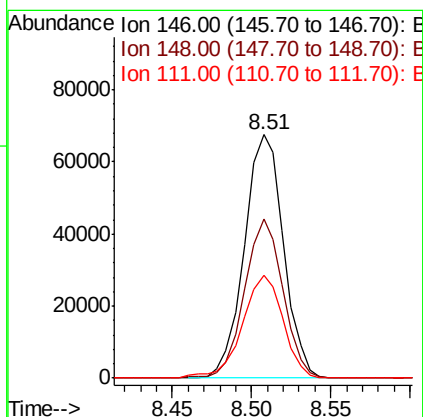
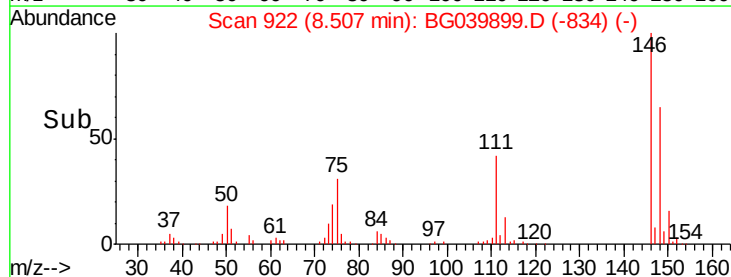
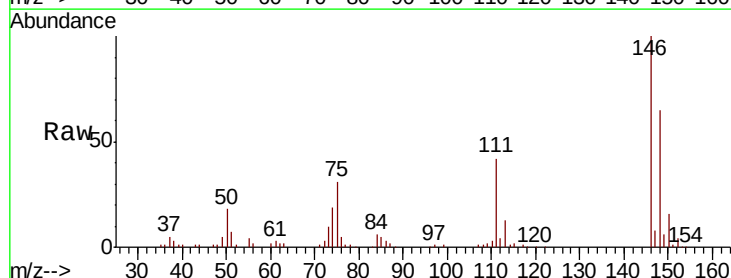
Instrument :
 BNA_G
 ClientSampled :

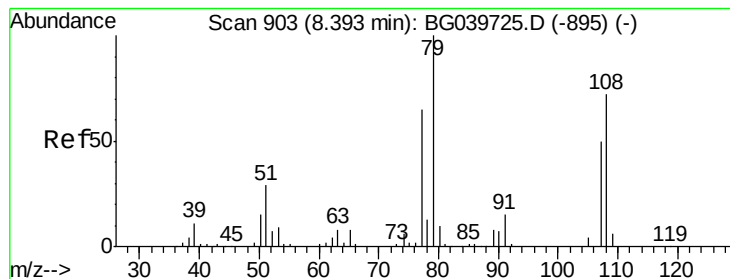
Tot Ion:146 Resp: 122951
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.1 76.7
 111 38.3 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 36.247 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Tgt Ion:146 Resp: 115886
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.5 77.3
 111 42.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 39.751 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

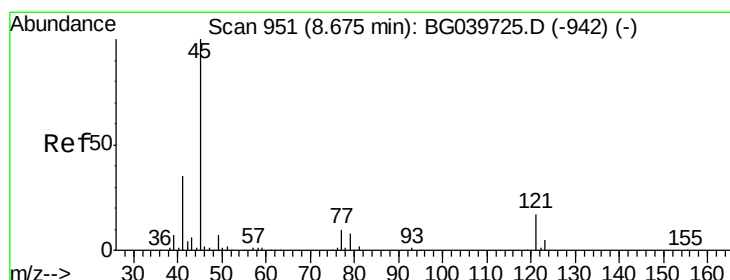
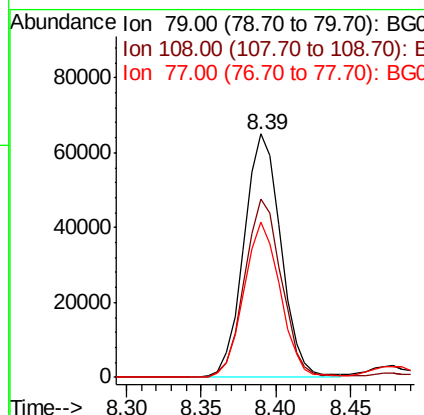
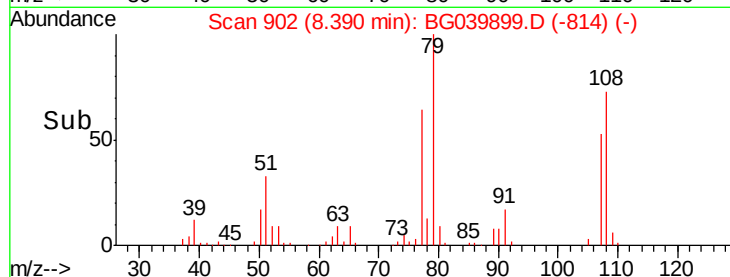
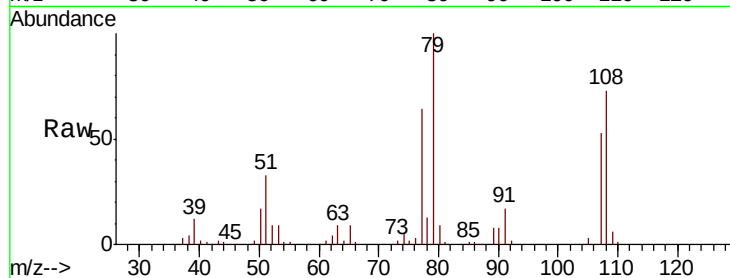
Tot Ion: 79 Resp: 111318

Ion Ratio Lower Upper

79 100

108 73.2 57.8 86.6

77 64.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.131 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

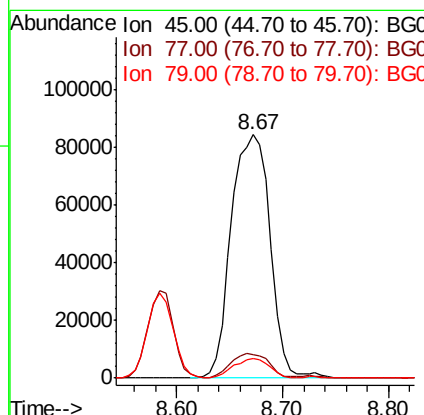
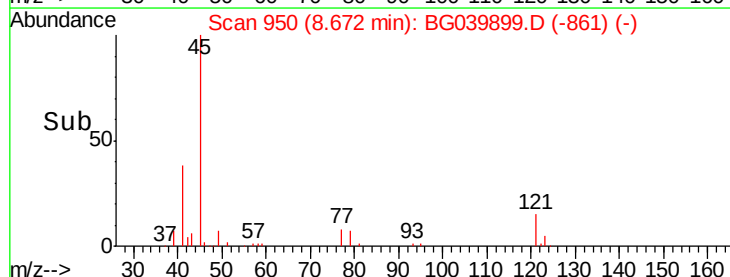
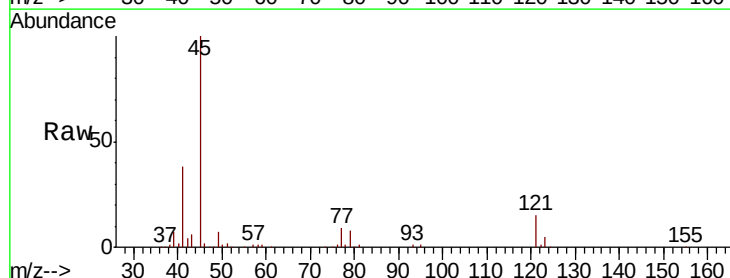
Tgt Ion: 45 Resp: 215474

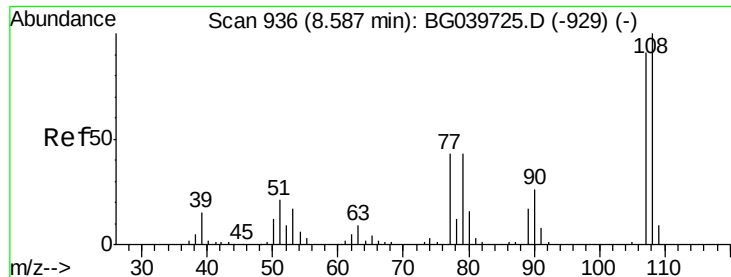
Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 8.3 0.0 27.5

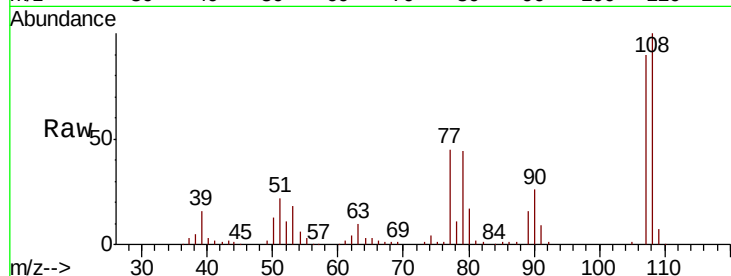




#17
2-Methylphenol
Concen: 42.839 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.8	136.2
77	50.0	40.7	61.1
79	48.5	40.6	60.8



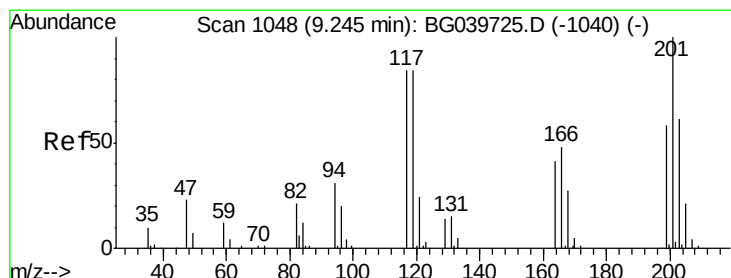
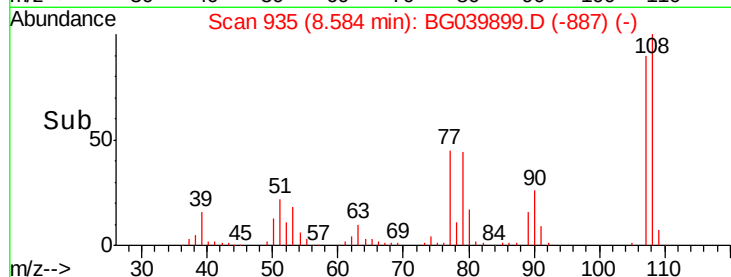
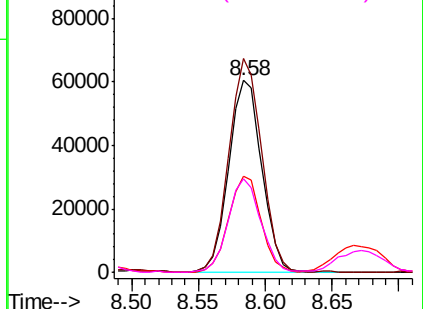
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

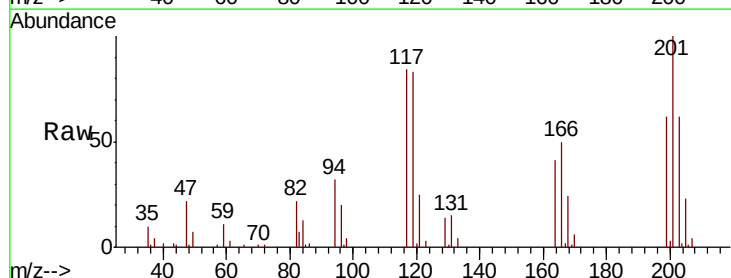
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.938 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.3	114.5
201	118.4	91.1	136.7

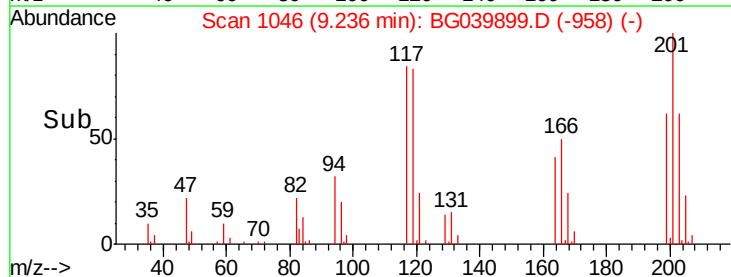
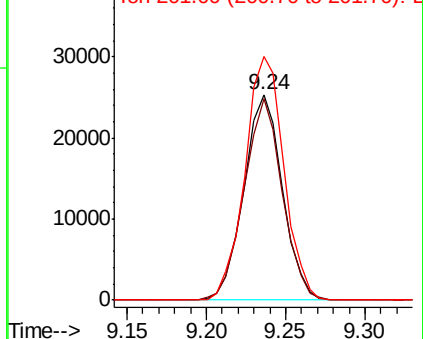


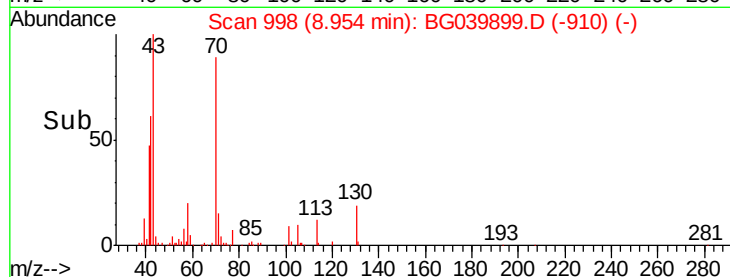
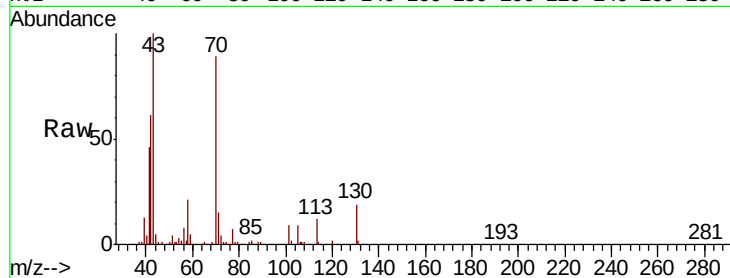
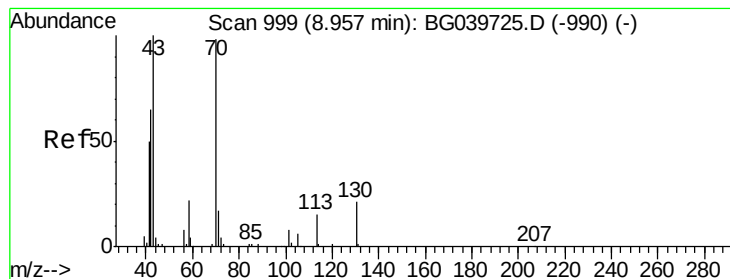
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.542 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 90313

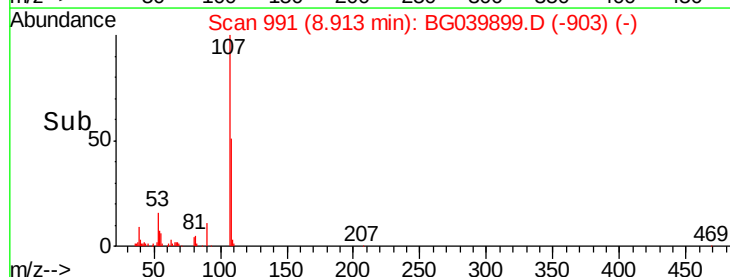
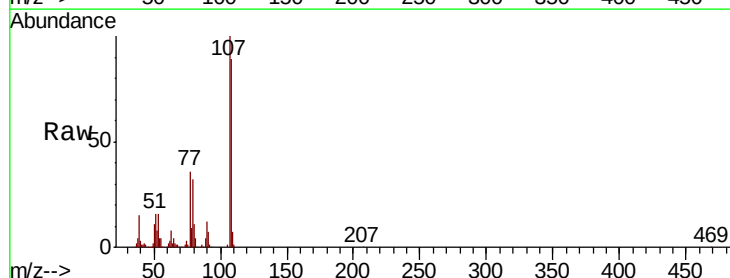
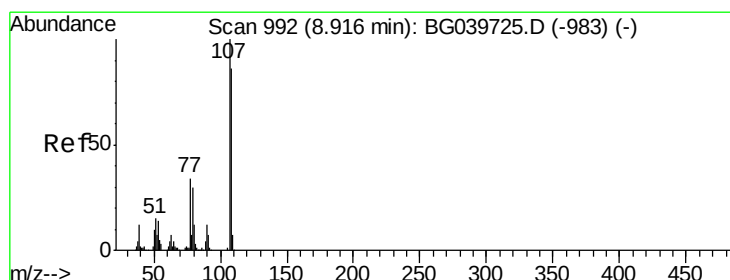
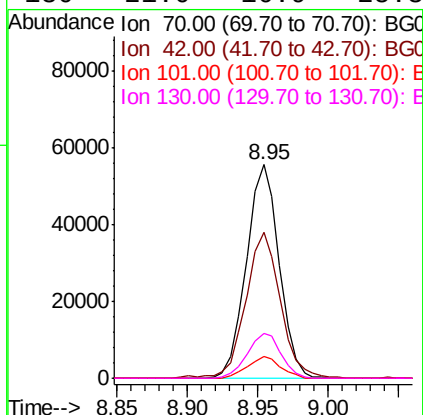
Ion Ratio Lower Upper

70 100

42 68.3 60.4 90.6

101 10.1 7.5 11.3

130 21.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.339 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Tgt Ion: 107 Resp: 143434

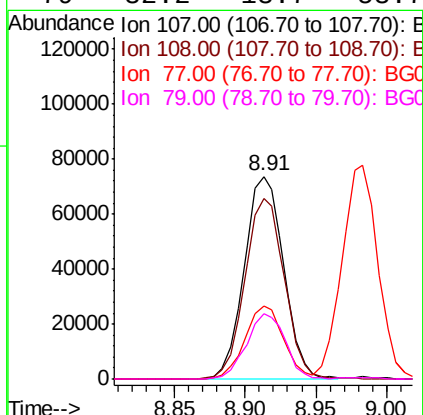
Ion Ratio Lower Upper

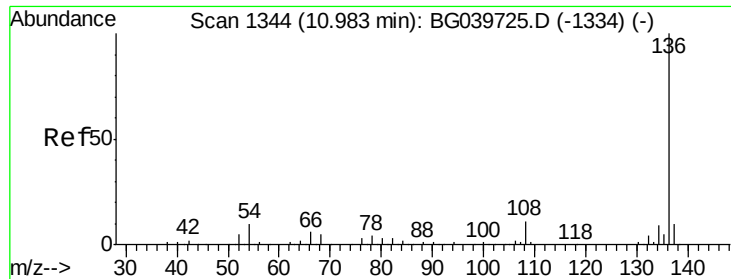
107 100

108 89.3 67.9 107.9

77 36.3 15.4 55.4

79 32.2 13.7 53.7

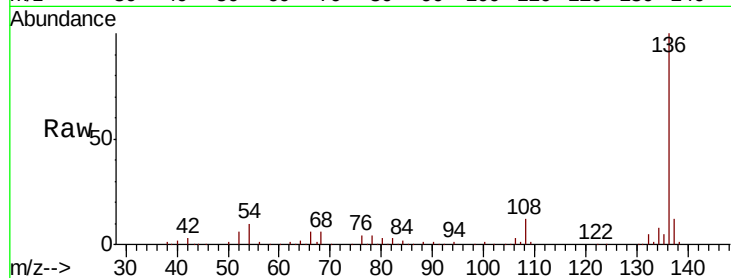




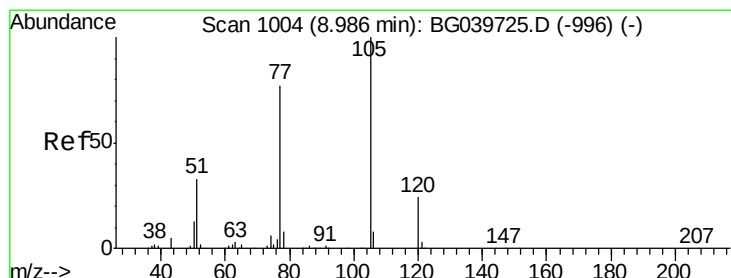
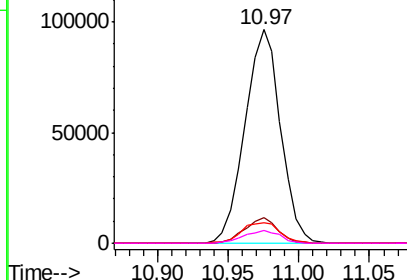
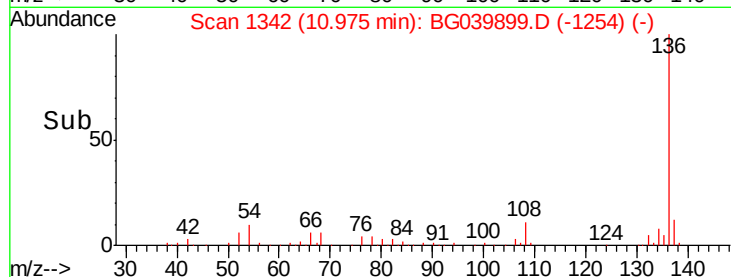
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	170696
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.1 13.7
54	9.9	9.4 14.2
68	6.0	4.2 6.4

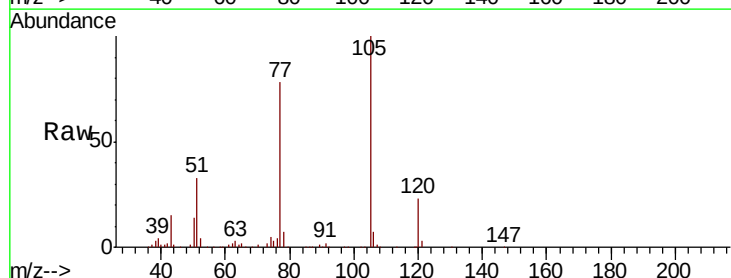


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

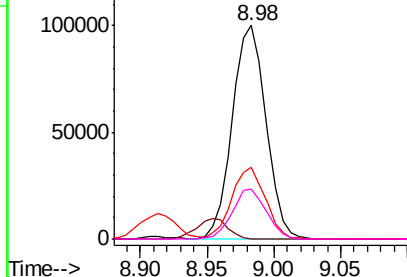
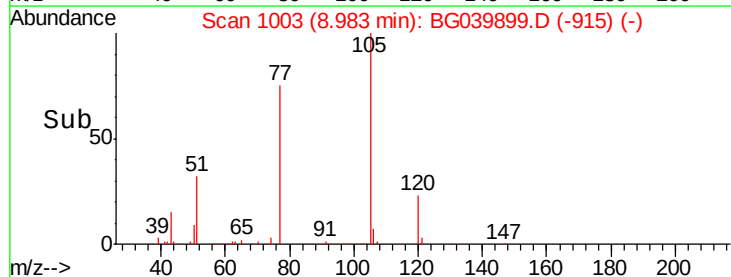


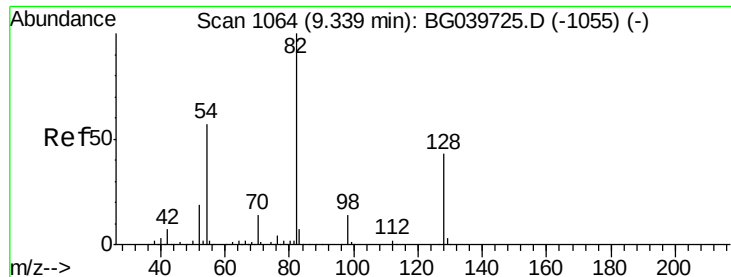
#22
Acetophenone
Concen: 38.397 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion:105	Resp:	175915
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.8 1.2#
51	33.4	30.2 45.2
120	23.4	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
150000
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: 87.709 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

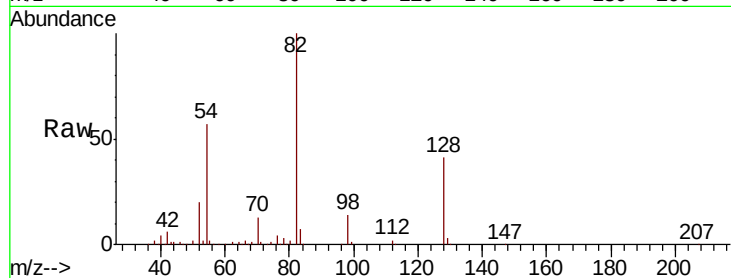
Tot Ion: 82 Resp: 276820

Ion Ratio Lower Upper

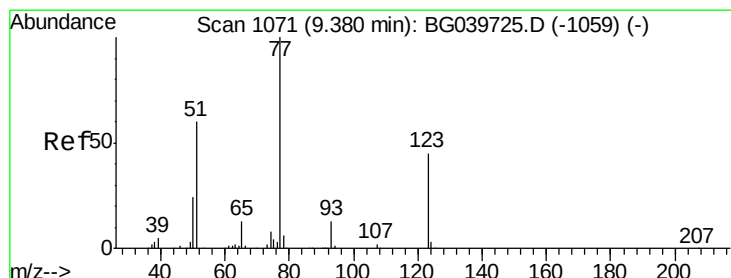
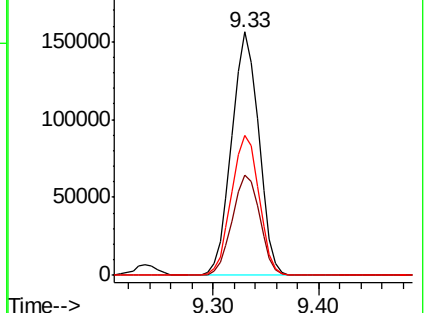
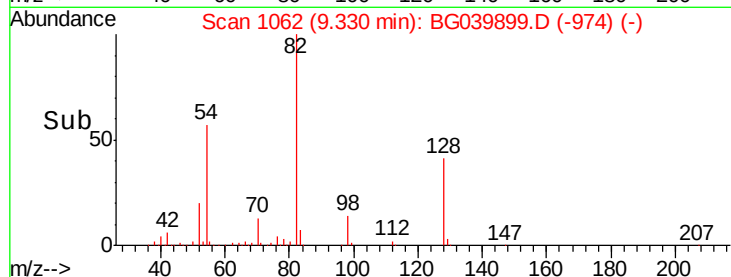
82 100

128 41.2 31.3 46.9

54 57.5 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: 41.350 ng

RT: 9.37 min Scan# 1069

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

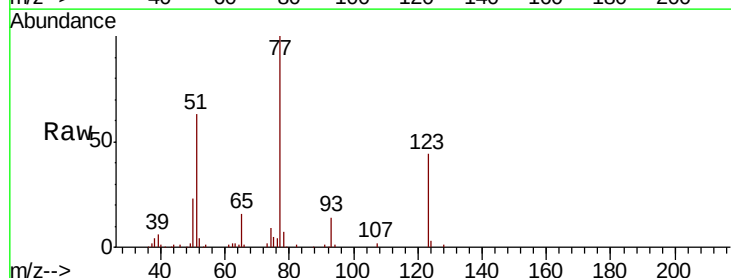
Tgt Ion: 77 Resp: 136910

Ion Ratio Lower Upper

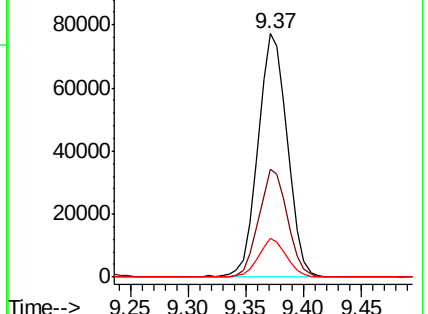
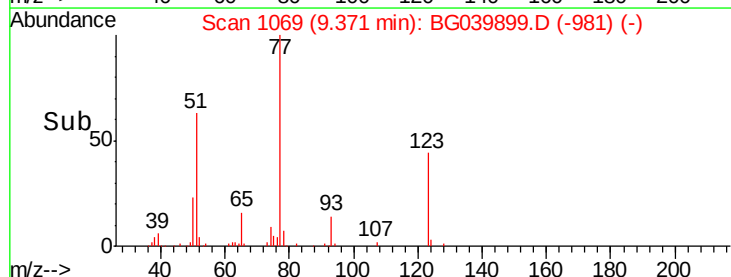
77 100

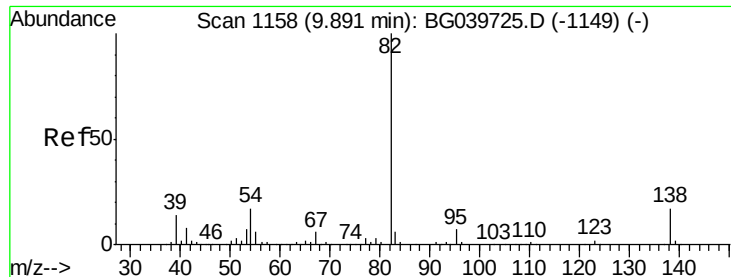
123 44.4 34.1 51.1

65 15.8 12.3 18.5



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





#25

Isophorone

Concen: 39.422 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

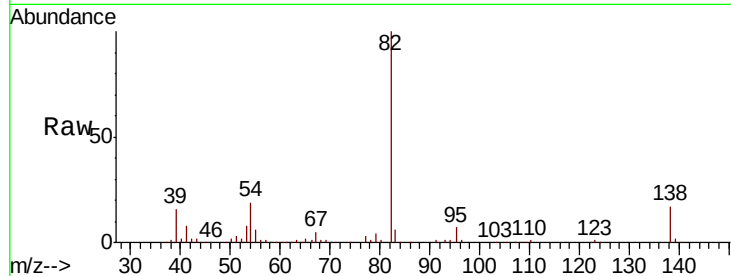
Tot Ion: 82 Resp: 260700

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

138 16.6 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039725.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BG039725.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BG039725.D (-1149) (-)

200000

150000

100000

50000

0

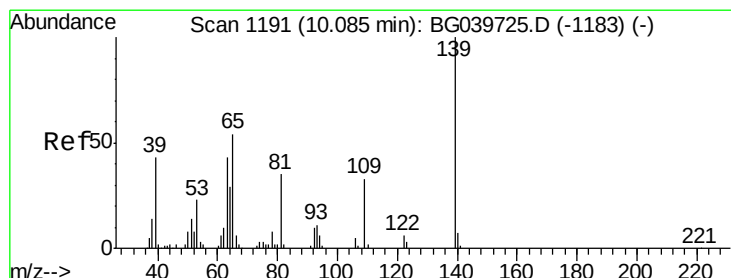
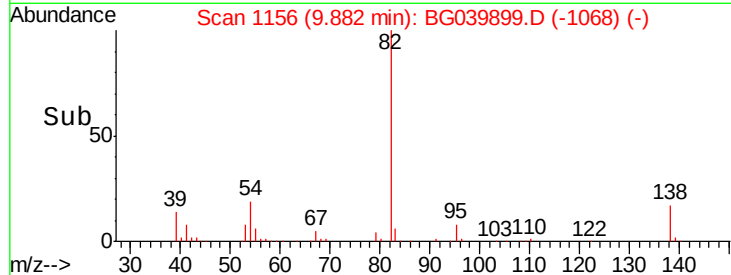
9.88

9.80

9.90

10.00

Time-->



#26

2-Nitrophenol

Concen: 43.090 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

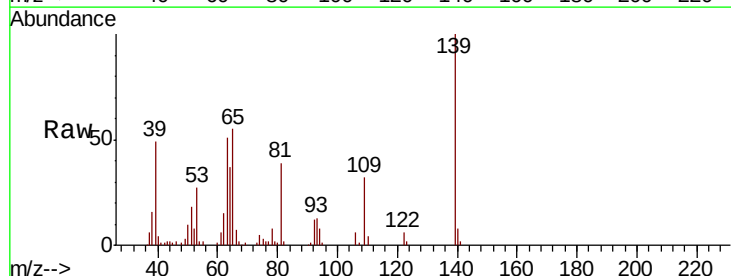
Tgt Ion: 139 Resp: 68885

Ion Ratio Lower Upper

139 100

109 31.6 23.4 35.0

65 54.8 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BG039725.D (-1183) (-)

Ion 109.00 (108.70 to 109.70): BG039725.D (-1183) (-)

Ion 65.00 (64.70 to 65.70): BG039725.D (-1183) (-)

50000

40000

30000

20000

10000

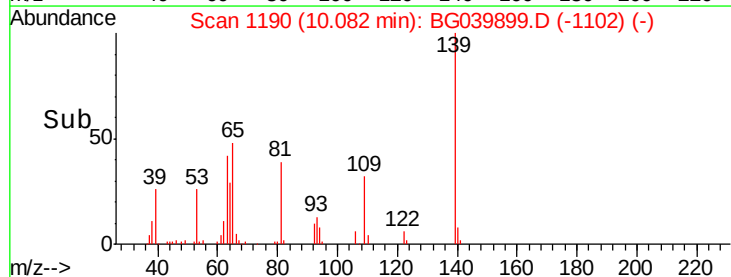
0

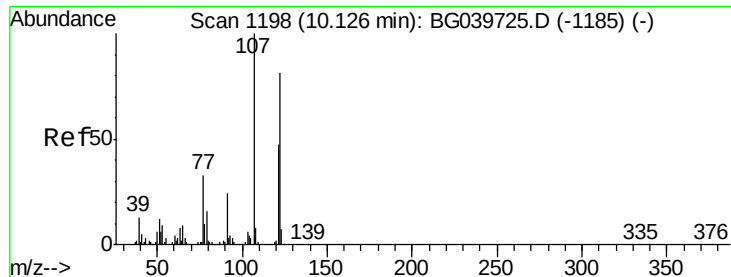
10.08

10.00

10.10

Time-->

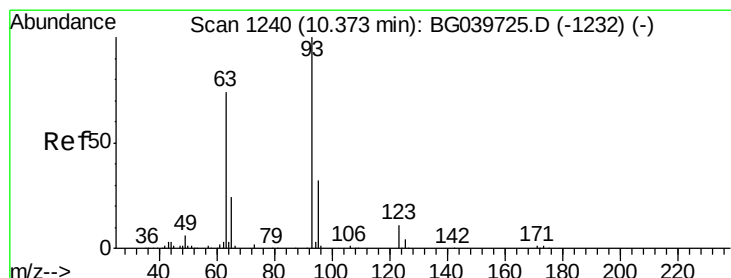
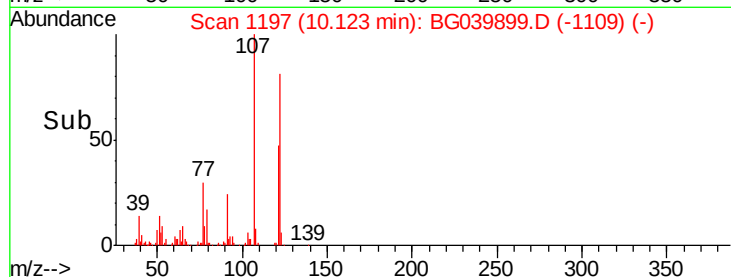
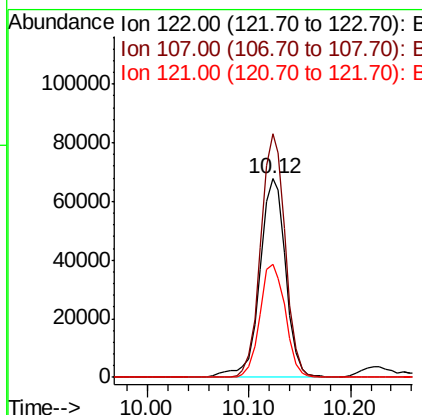
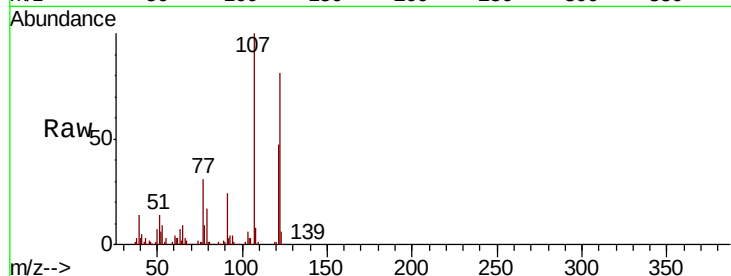




#27
2,4-Dimethylphenol
Concen: 48.670 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

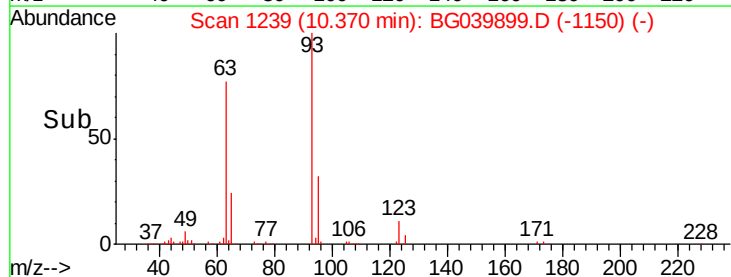
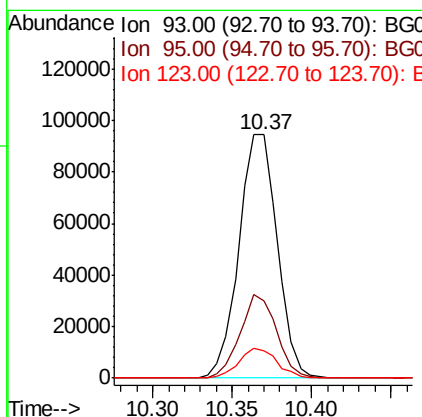
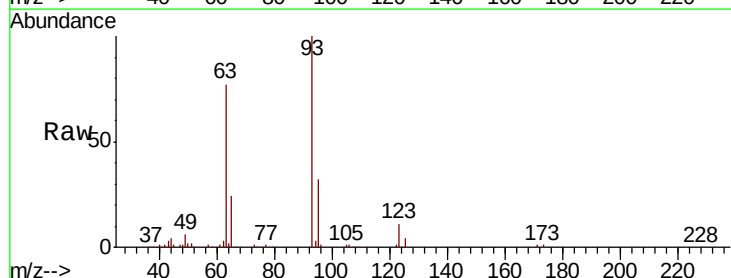
Instrument :
BNA_G
ClientSampled :

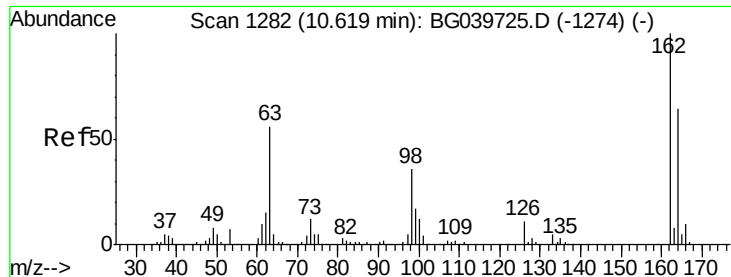
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.8	91.7	137.5
121	57.2	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.523 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.0	37.4
123	11.0	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 48.599 ng

RT: 10.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampled :

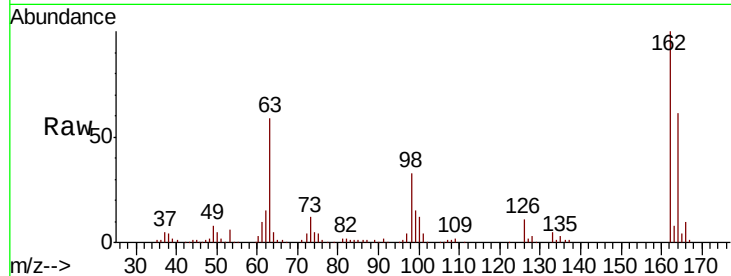
Tot Ion:162 Resp: 136042

Ion Ratio Lower Upper

162 100

164 61.2 48.1 88.1

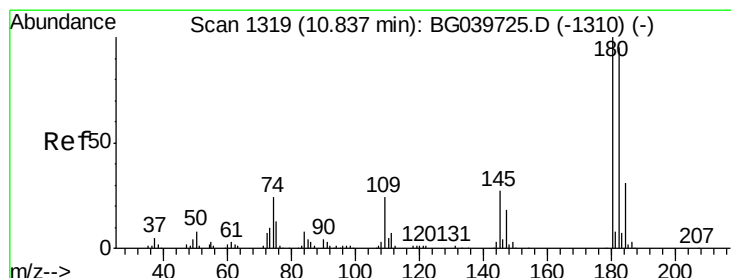
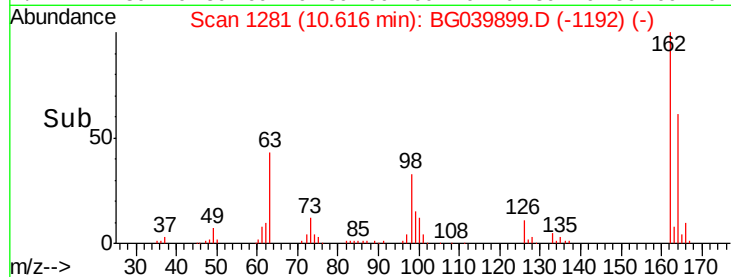
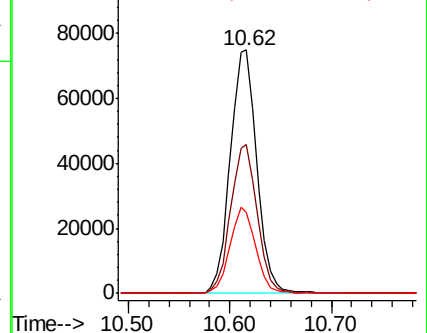
98 33.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.430 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

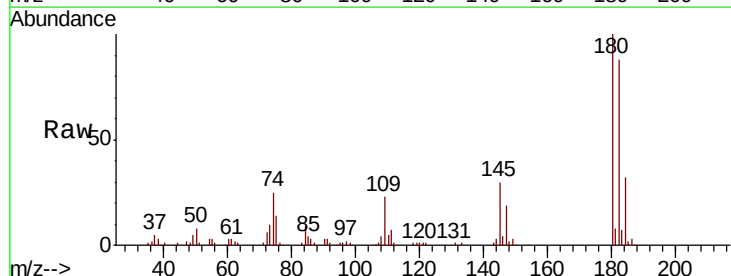
Tgt Ion:180 Resp: 127352

Ion Ratio Lower Upper

180 100

182 87.6 76.0 114.0

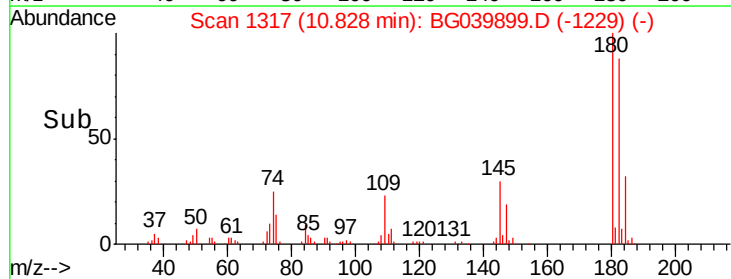
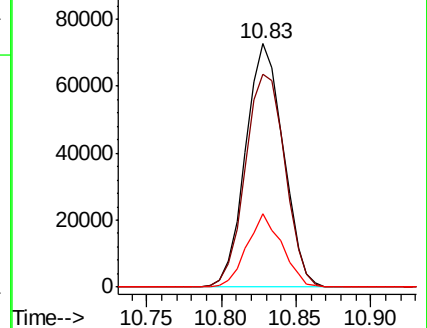
145 30.2 22.7 34.1

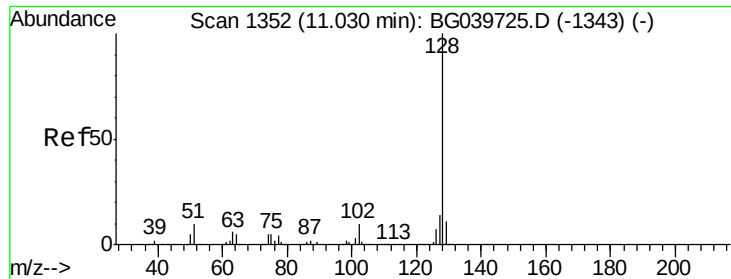


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

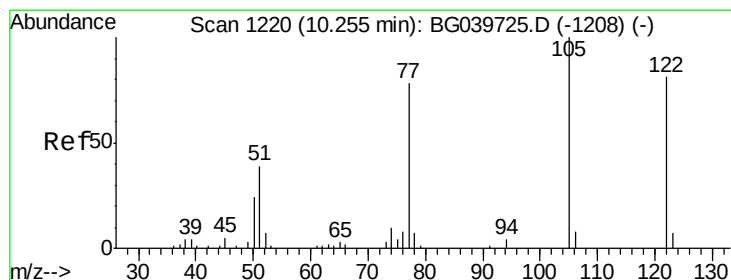
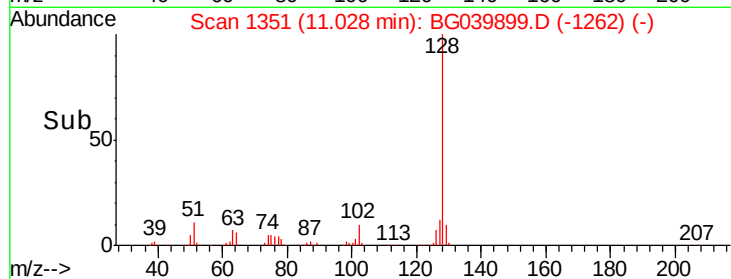
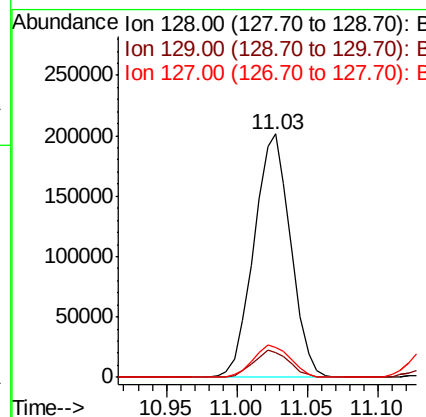
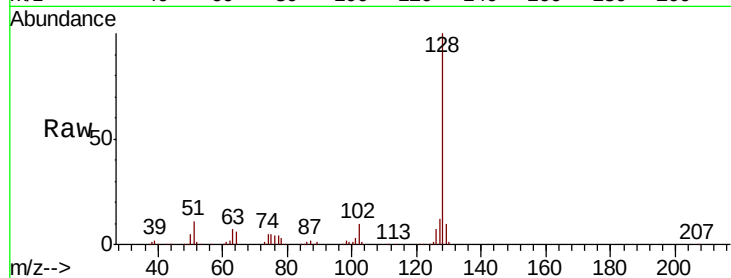




#31
Naphthalene
Concen: 40.566 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

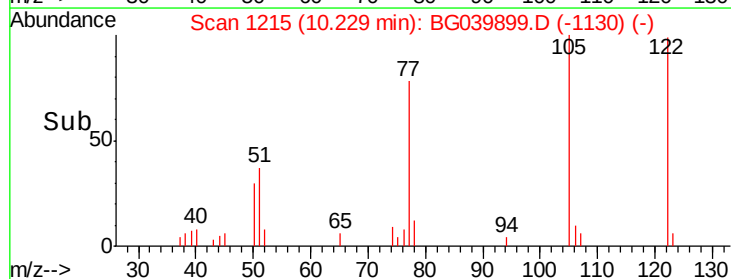
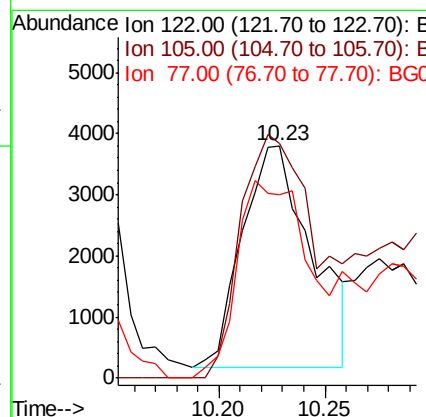
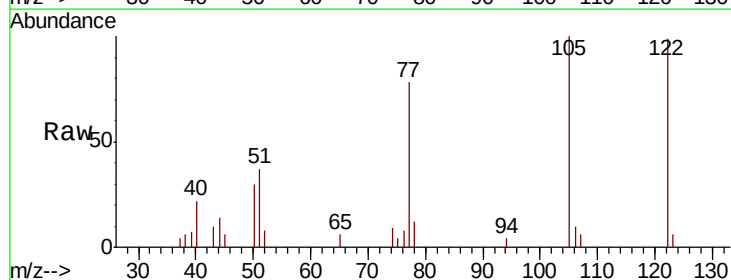
Instrument :
BNA_G
ClientSampled :

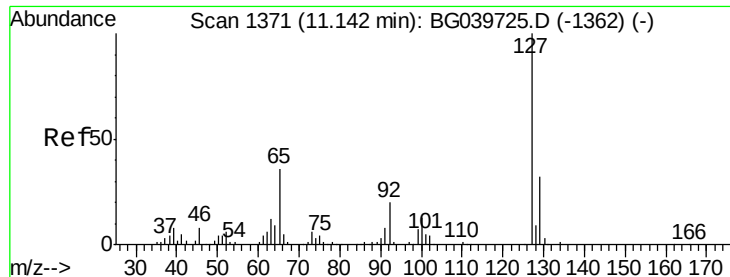
Tot Ion:128 Resp: 366621
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 12.3 10.8 16.2



#32
Benzoic acid
Concen: 10.751 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion:122 Resp: 8219
Ion Ratio Lower Upper
122 100
105 100.8 101.8 141.8#
77 79.0 76.3 116.3

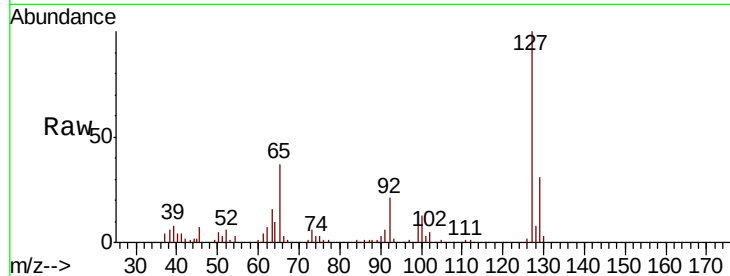




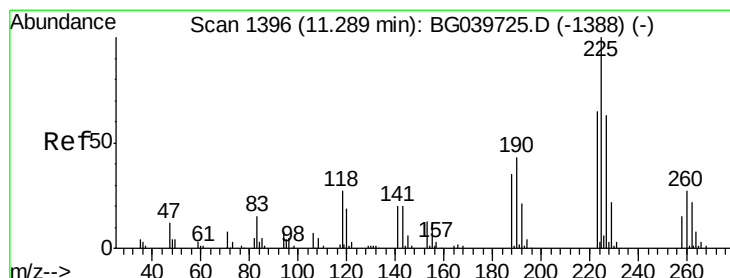
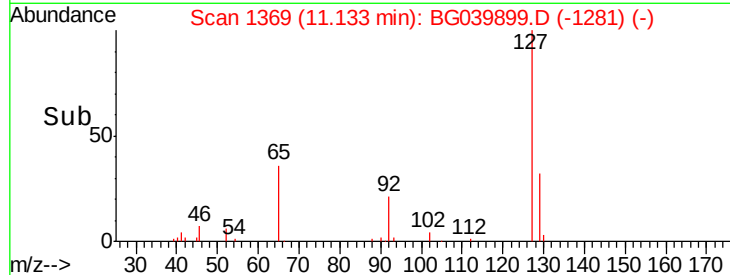
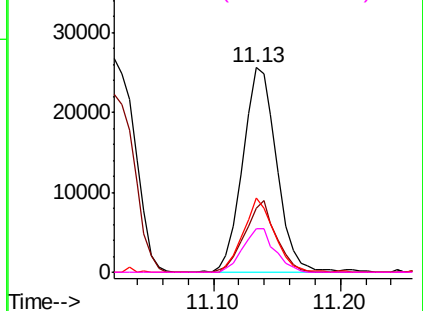
#33
4-Chloroaniline
Concen: 12.421 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	47601
Ion	Ratio	Lower	Upper
127	100		
129	31.5	27.0	40.4
65	36.6	28.8	43.2
92	21.3	16.6	25.0

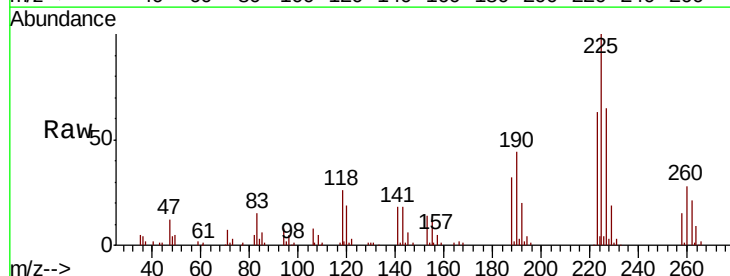


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

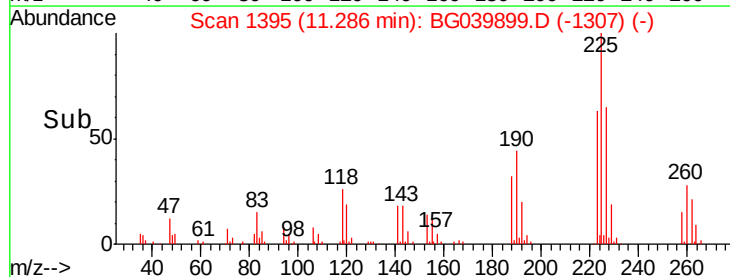
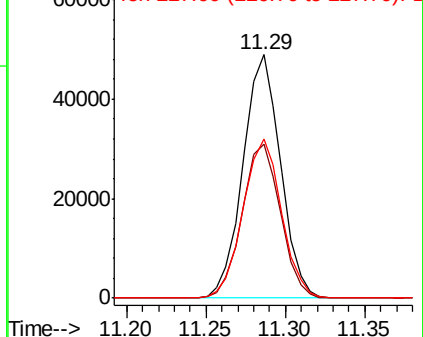


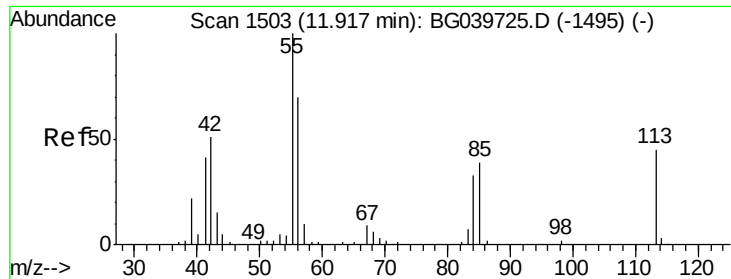
#34
Hexachlorobutadiene
Concen: 37.446 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion:	225	Resp:	80602
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.0	73.6
227	65.1	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

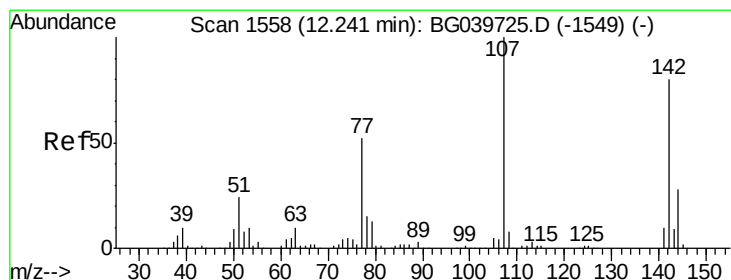
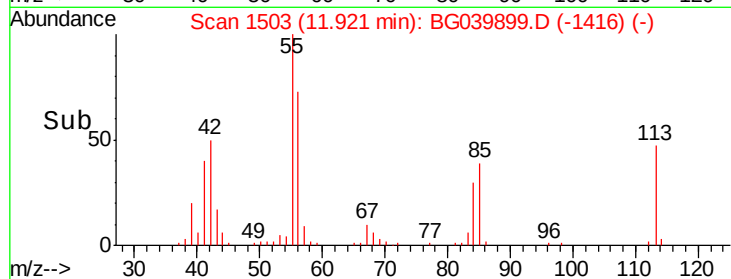
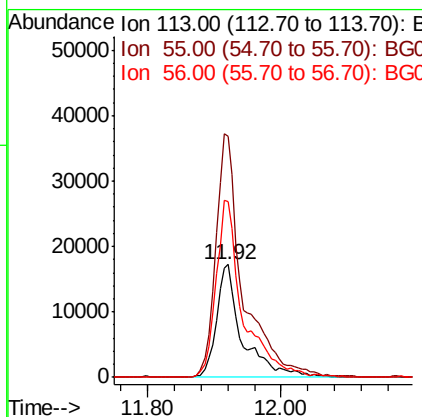
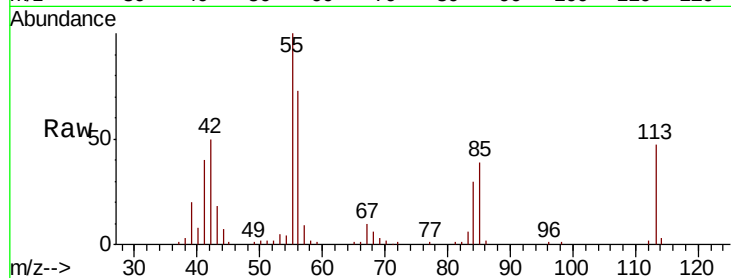




#35
 Caprolactam
 Concen: 43.440 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

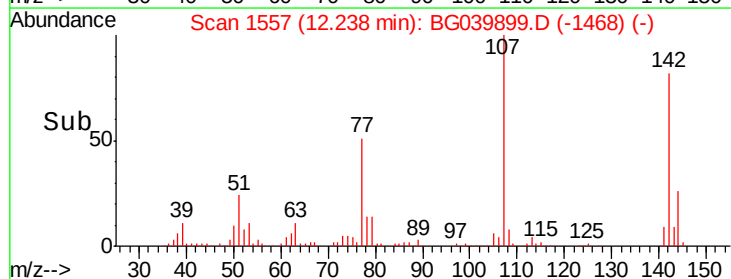
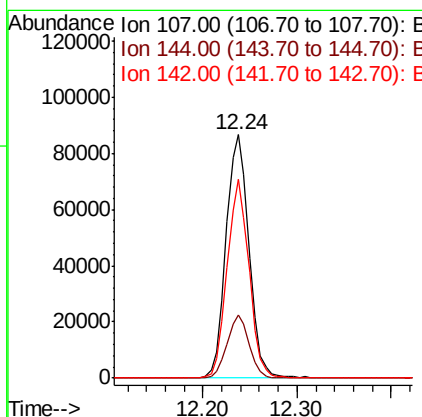
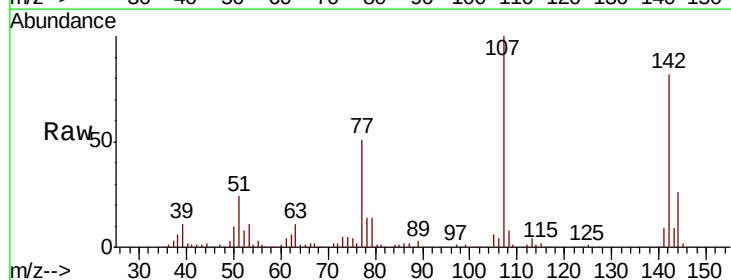
Instrument :
 BNA_G
 ClientSampleId :

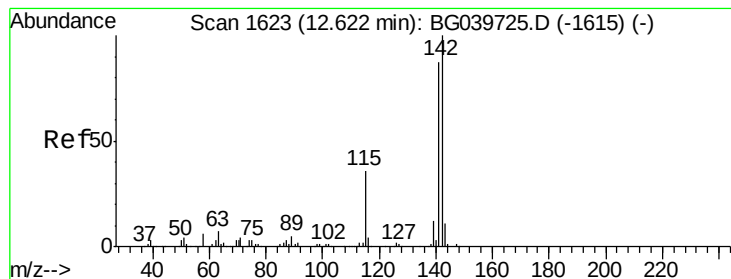
Tot Ion:113 Resp: 46451
 Ion Ratio Lower Upper
 113 100
 55 213.8 216.9 256.9#
 56 155.9 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.697 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Tgt Ion:107 Resp: 146637
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 81.8 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.866 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

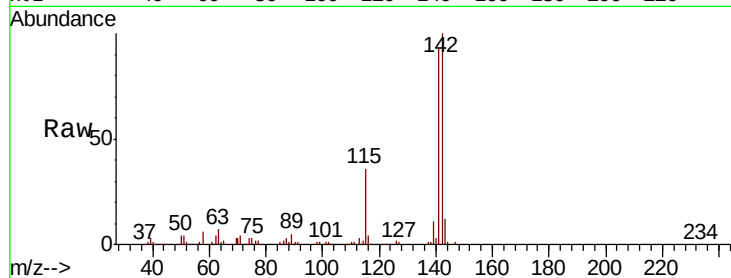
Tot Ion:142 Resp: 282878

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3

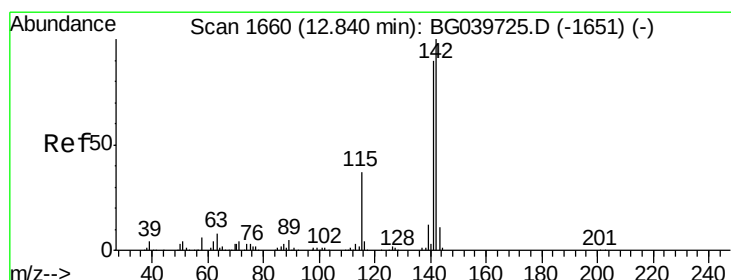
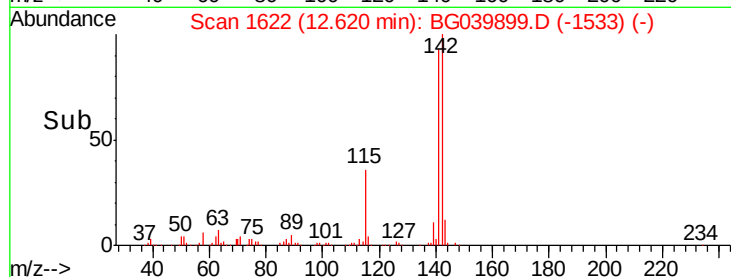
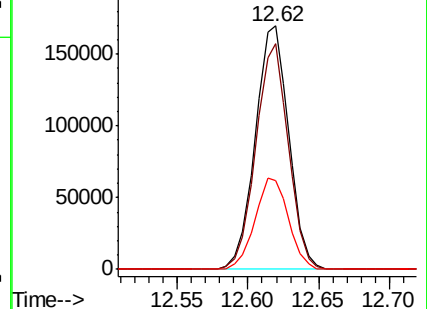
115 36.4 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.098 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

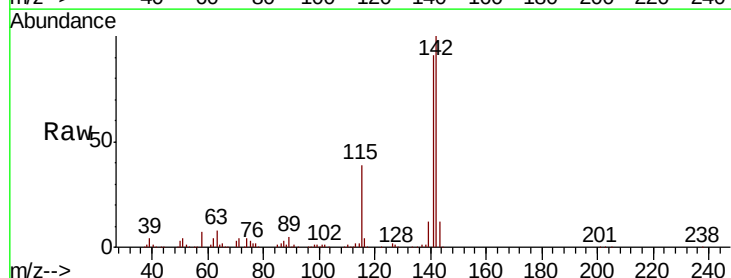
Tgt Ion:142 Resp: 269865

Ion Ratio Lower Upper

142 100

141 90.9 74.2 111.4

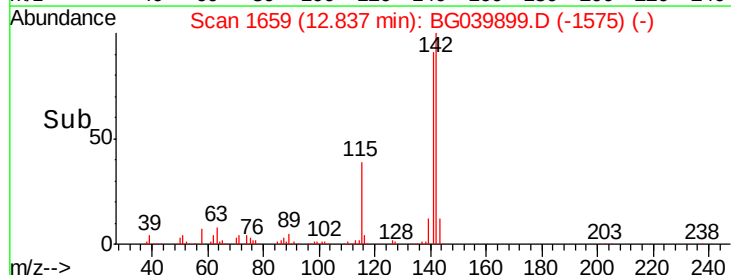
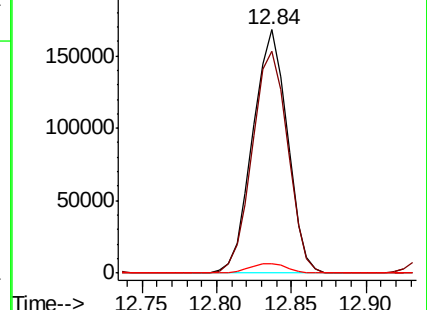
116 4.1 3.0 4.6

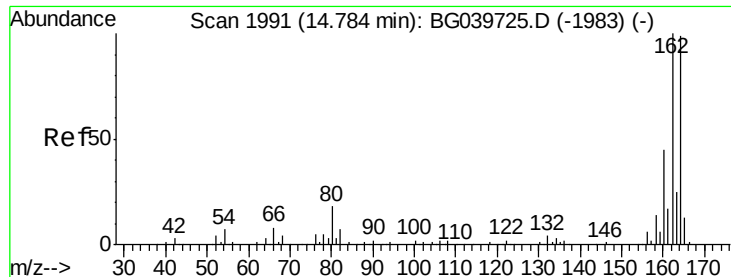


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampled :

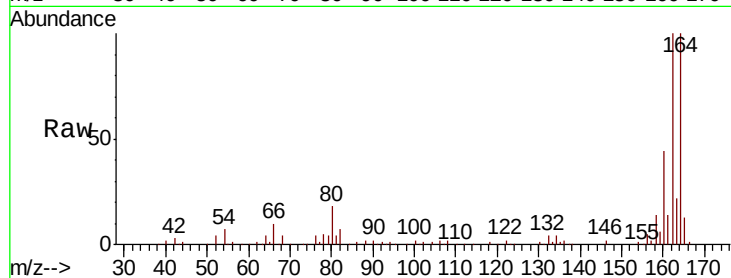
Tot Ion:164 Resp: 120922

Ion Ratio Lower Upper

164 100

162 100.2 81.6 122.4

160 44.1 34.2 51.2

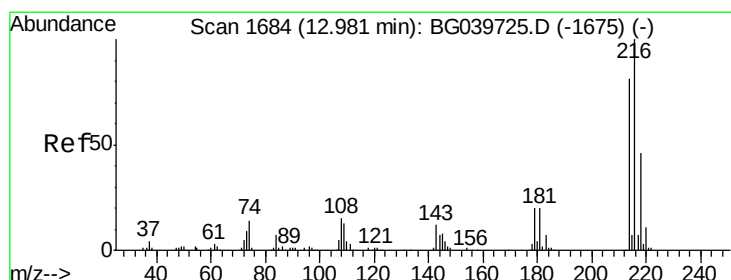
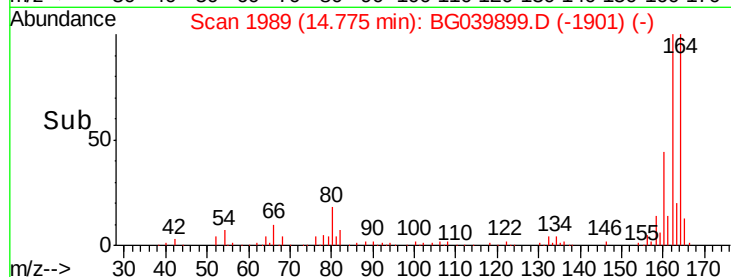
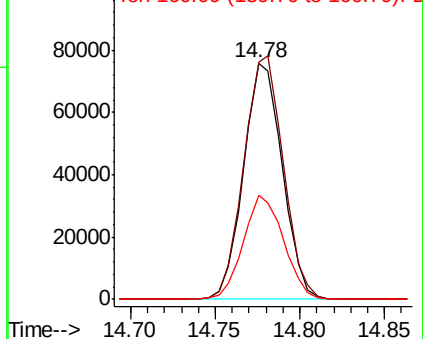


Abundance

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: 38.247 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Tgt Ion:216 Resp: 156678

Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.4 16.6 25.0

108 18.2 14.0 21.0

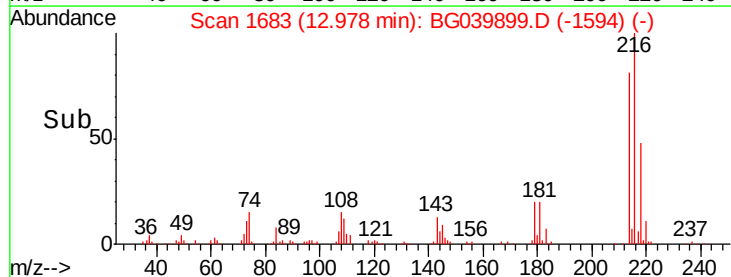
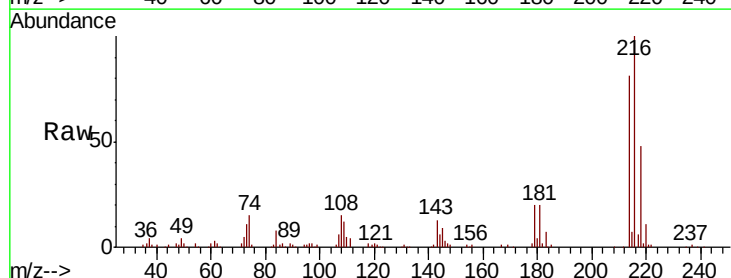
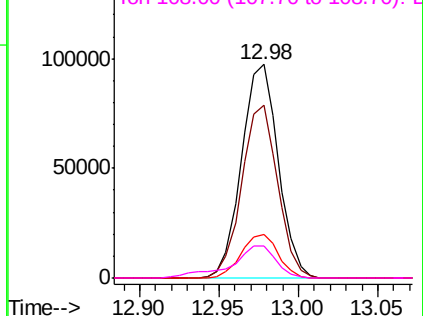
Abundance

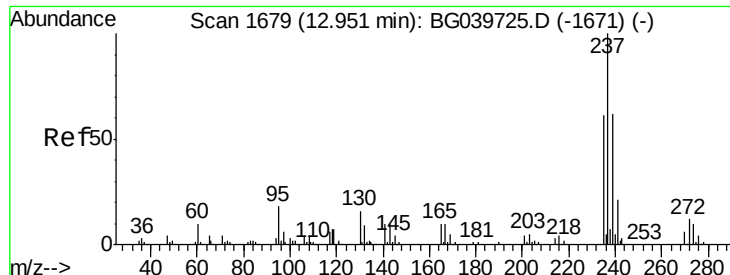
Ion 216.00 (215.70 to 216.70): E

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: 84.061 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

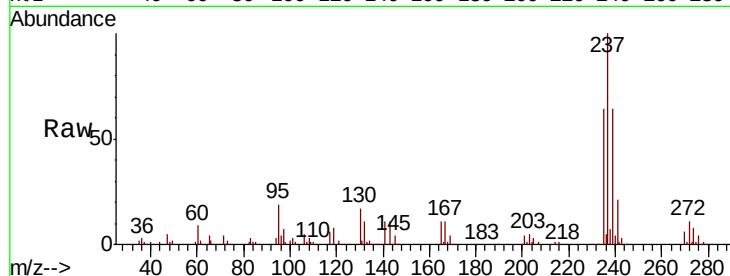
Tot Ion:237 Resp: 184543

Ion Ratio Lower Upper

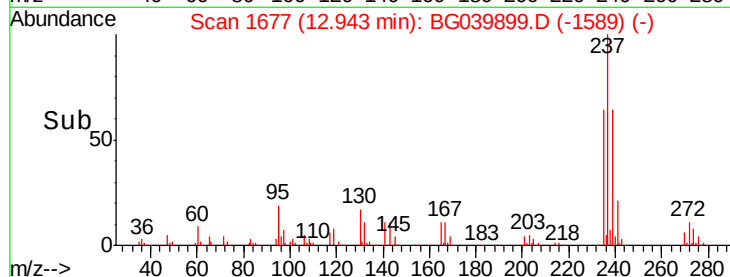
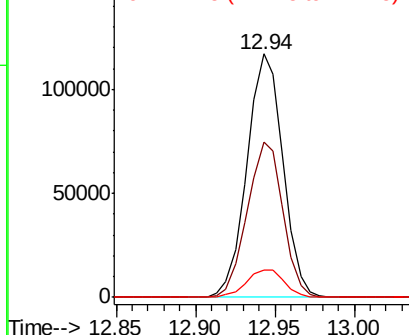
237 100

235 63.6 43.3 83.3

272 11.1 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: 135.669 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

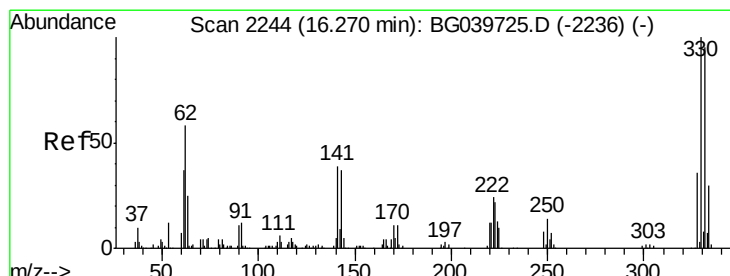
Tgt Ion:330 Resp: 191217

Ion Ratio Lower Upper

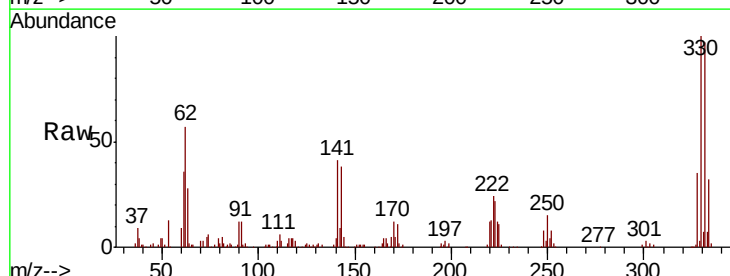
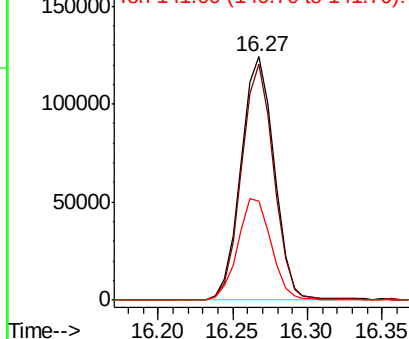
330 100

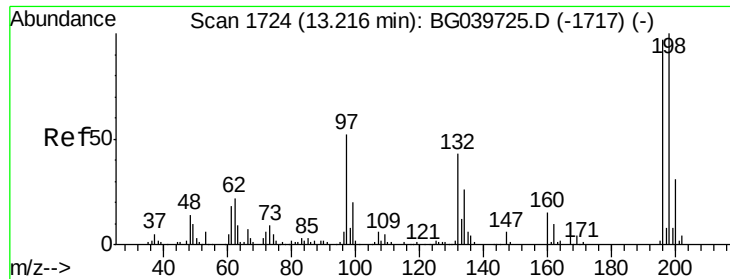
332 95.1 75.7 113.5

141 42.2 35.6 53.4



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

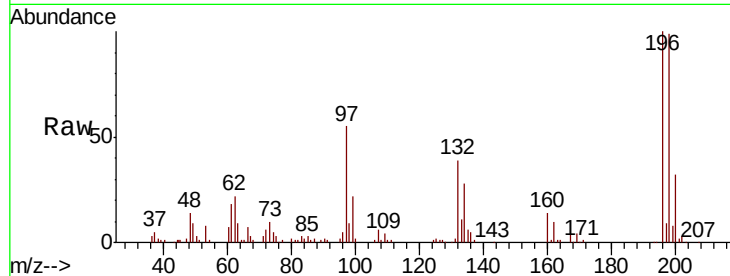




#43
 2,4,6-Trichlorophenol
 Concen: 45.920 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	80.6	121.0
200	31.8	26.1	39.1

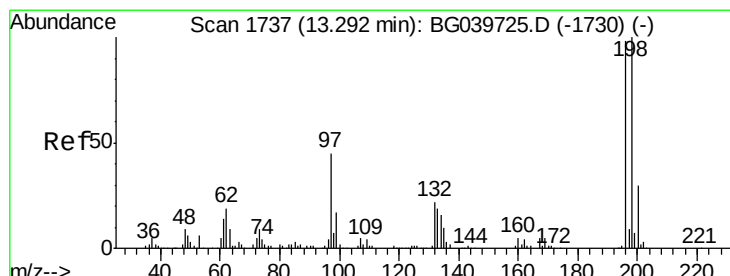
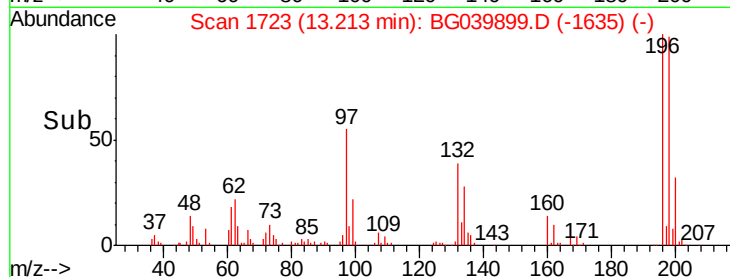
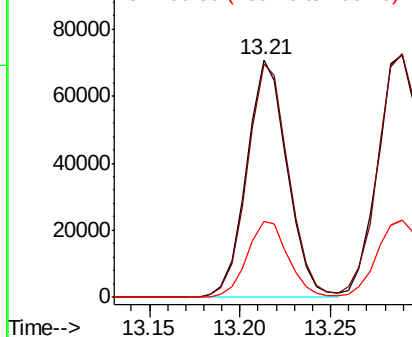


Abundance

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: 44.675 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	78.5	117.7
97	48.9	38.4	57.6
132	24.3	19.2	28.8

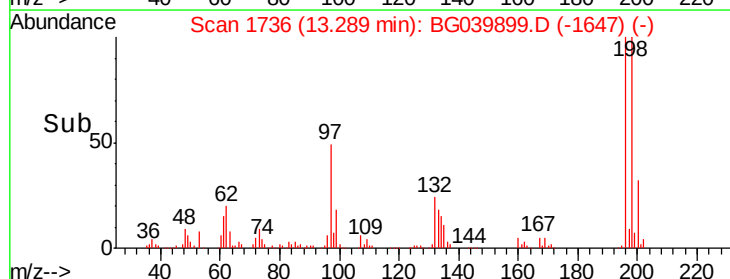
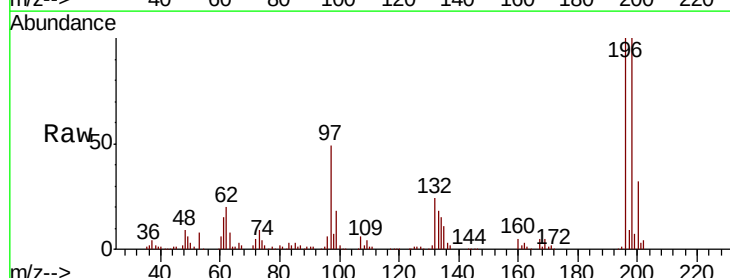
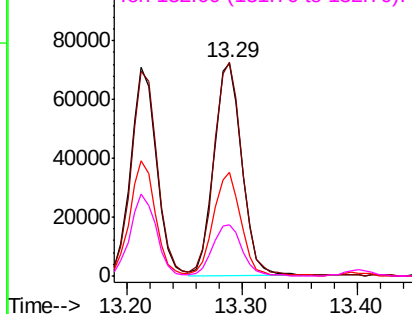
Abundance

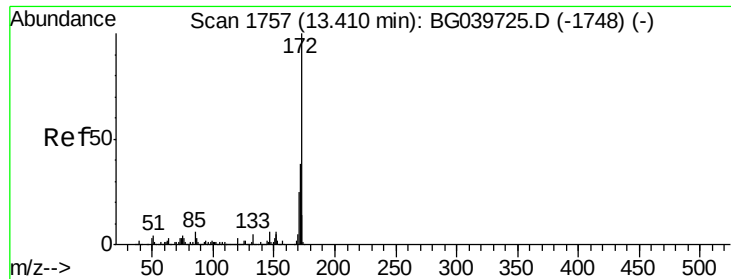
Ion 196.00 (195.70 to 196.70): E

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: 81.016 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

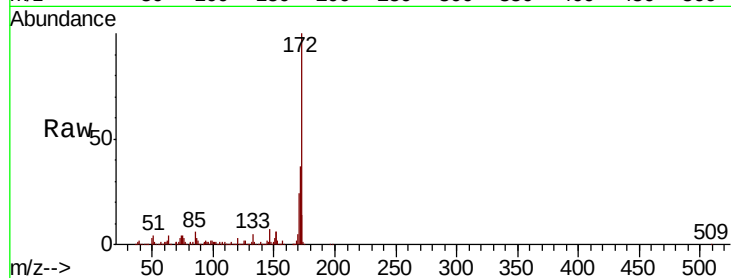
Tot Ion:172 Resp: 688051

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

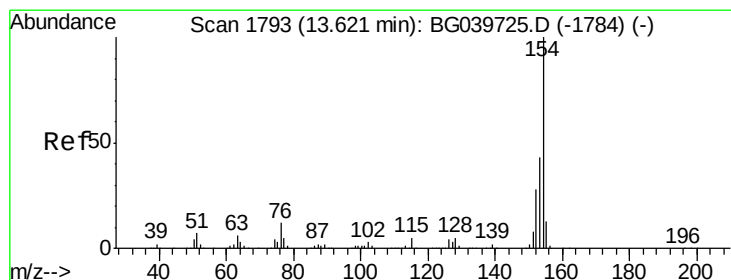
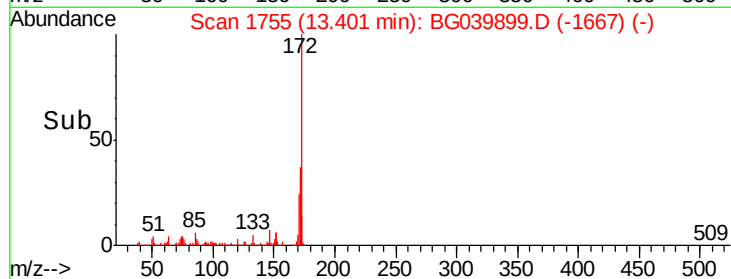
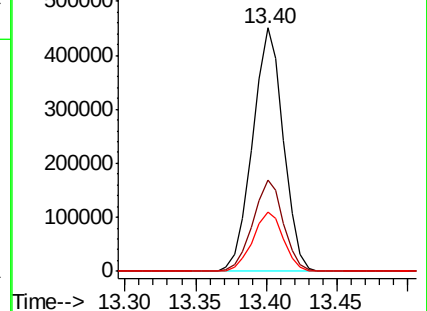
170 24.4 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.401 ng

RT: 13.61 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

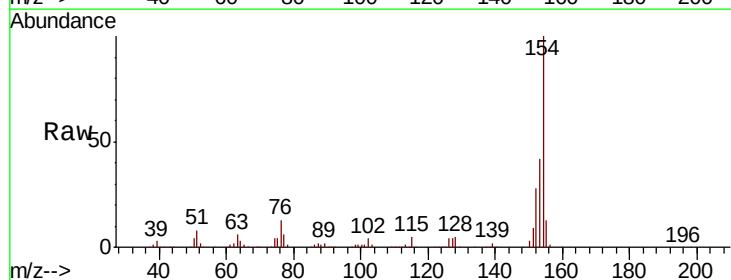
Tgt Ion:154 Resp: 381926

Ion Ratio Lower Upper

154 100

153 41.5 22.1 62.1

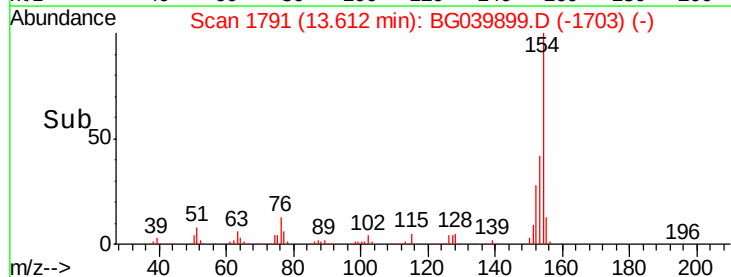
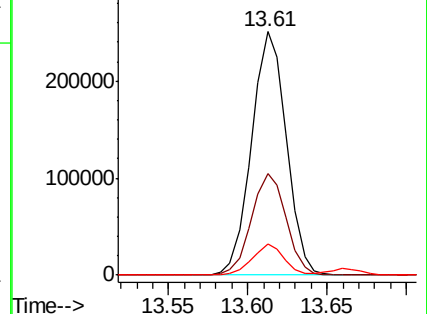
76 12.8 0.0 32.4

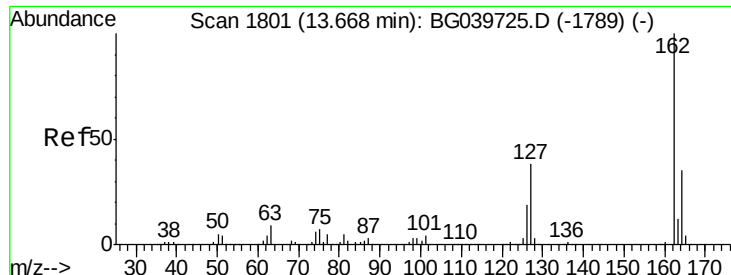


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

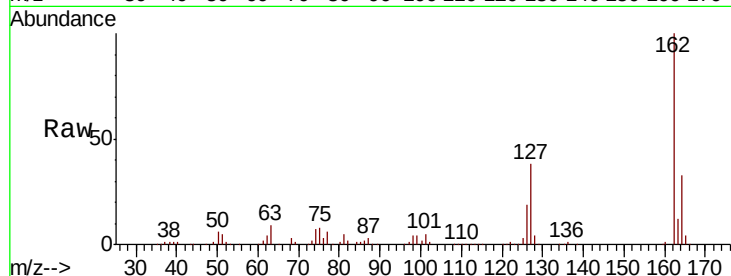




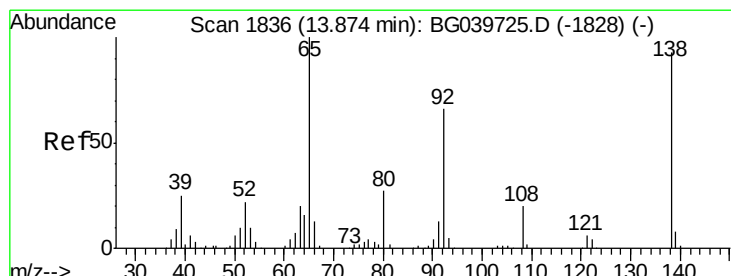
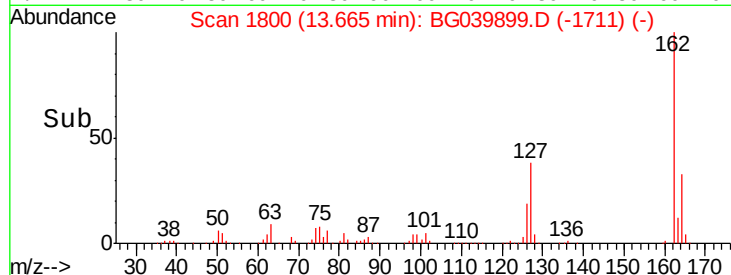
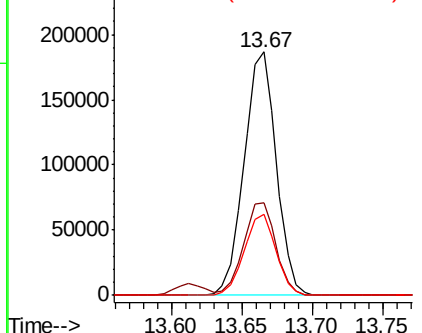
#47
 2-Chloronaphthalene
 Concen: 39.759 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 297478
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.0 46.6
 164 33.1 25.7 38.5

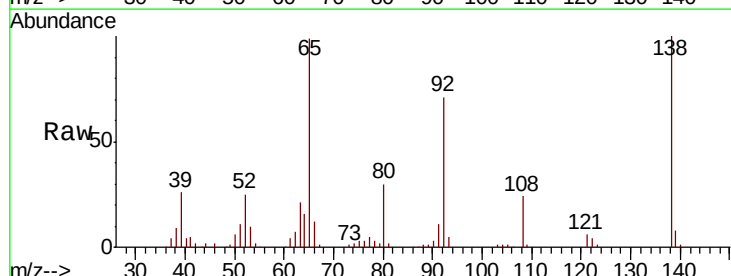


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

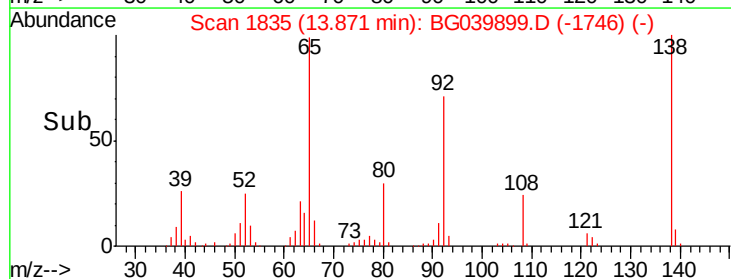
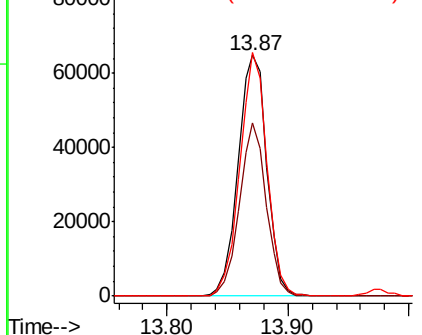


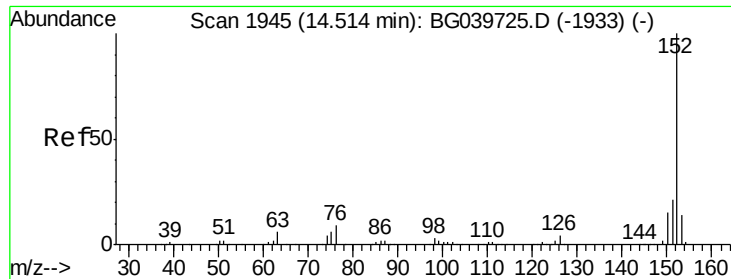
#48
 2-Nitroaniline
 Concen: 44.639 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Tgt Ion: 65 Resp: 107334
 Ion Ratio Lower Upper
 65 100
 92 72.1 51.4 77.2
 138 101.2 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: 39.945 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

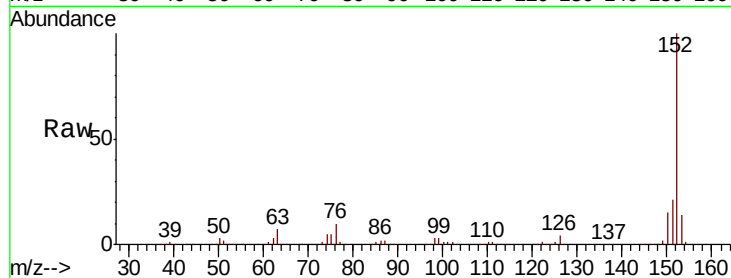
Tot Ion:152 Resp: 490628

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

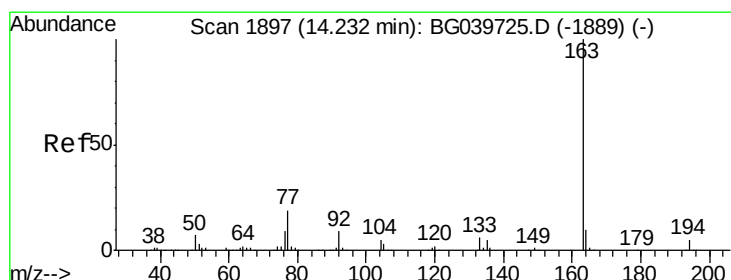
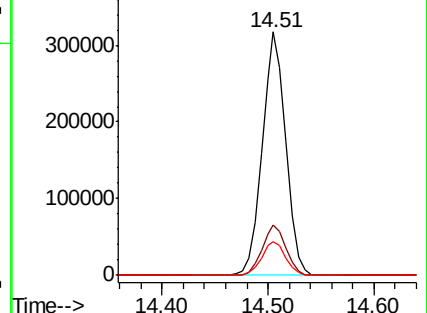
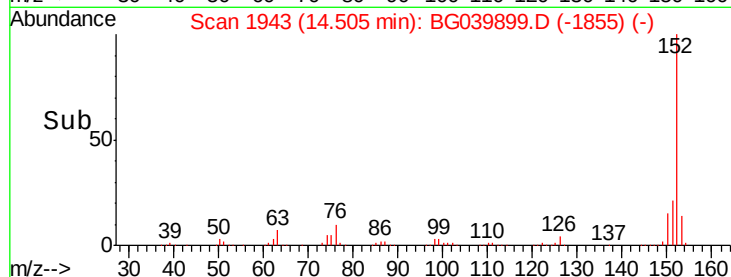
153 13.7 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.578 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

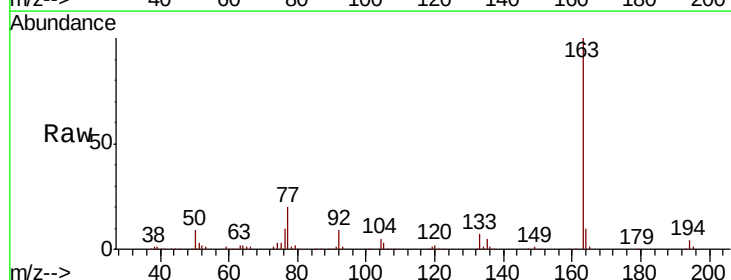
Tgt Ion:163 Resp: 410302

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

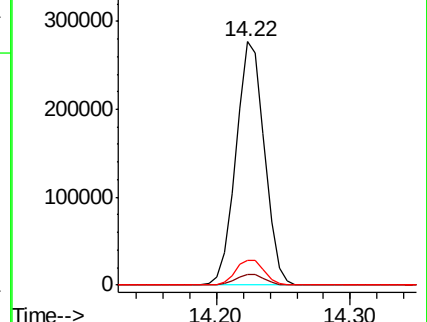
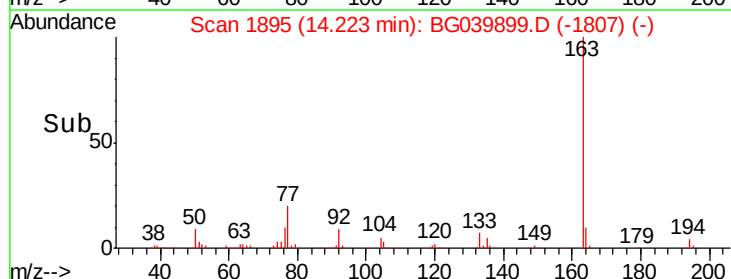
164 10.4 8.4 12.6

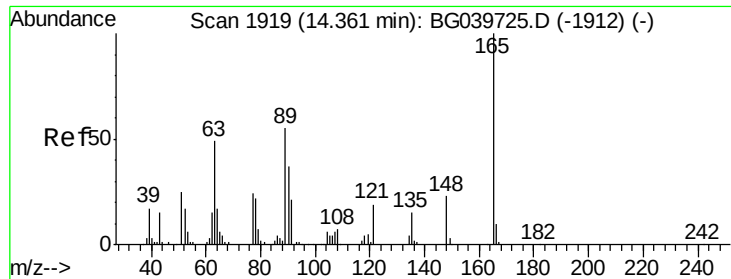


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

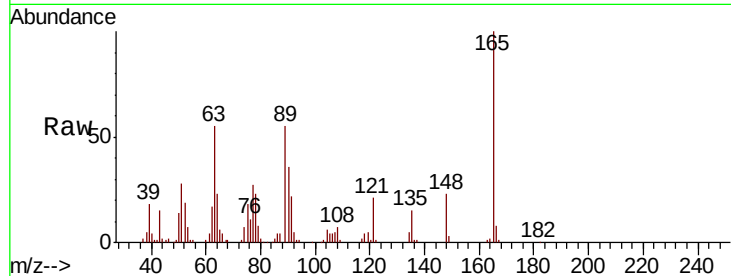




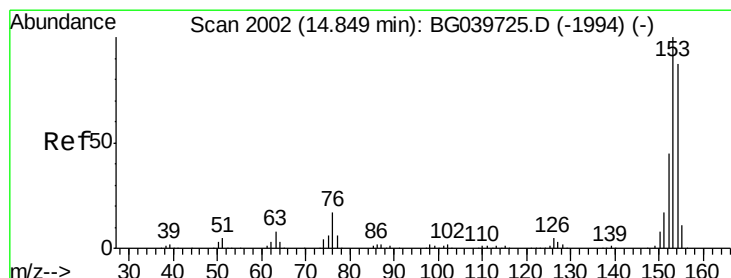
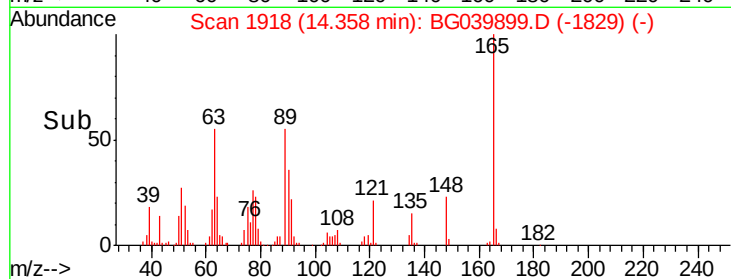
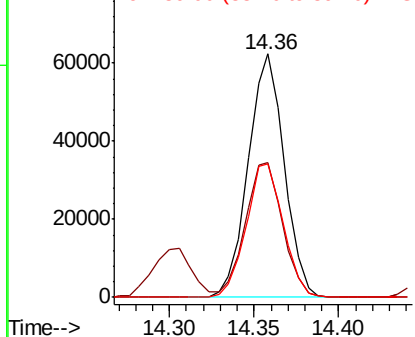
#51
2,6-Dinitrotoluene
Concen: 43.059 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 92300
Ion Ratio Lower Upper
165 100
63 55.4 47.0 70.6
89 54.9 45.8 68.8

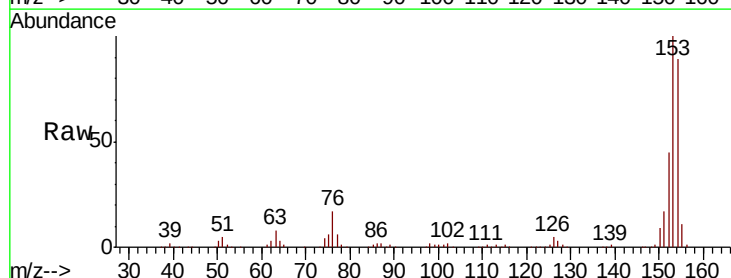


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

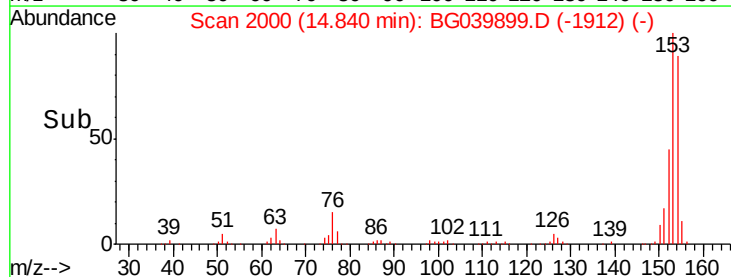
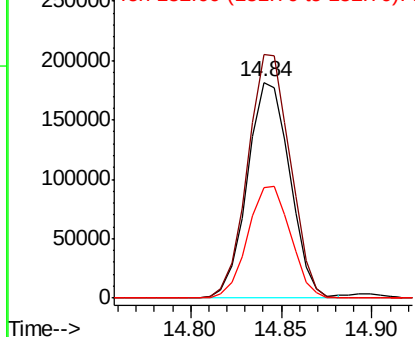


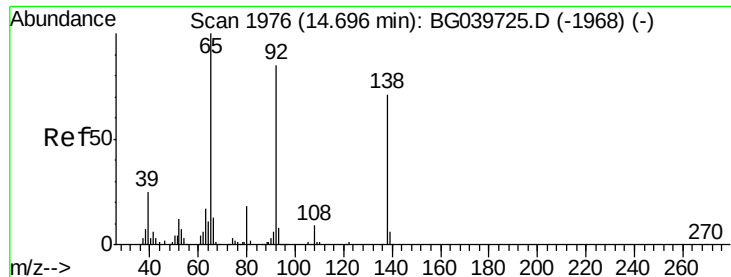
#52
Acenaphthene
Concen: 39.999 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion:154 Resp: 295692
Ion Ratio Lower Upper
154 100
153 112.9 90.1 135.1
152 51.2 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

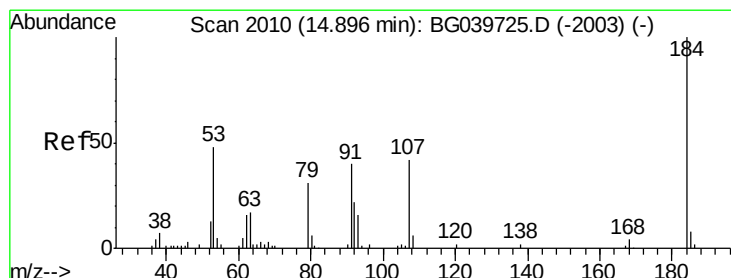
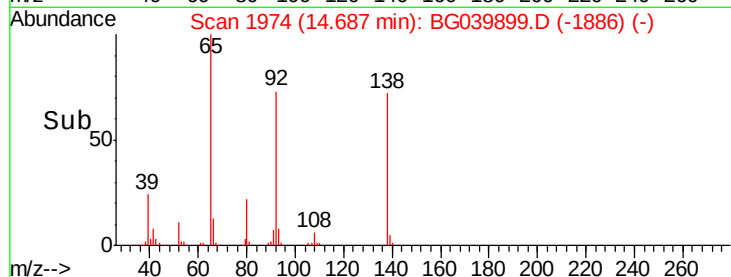
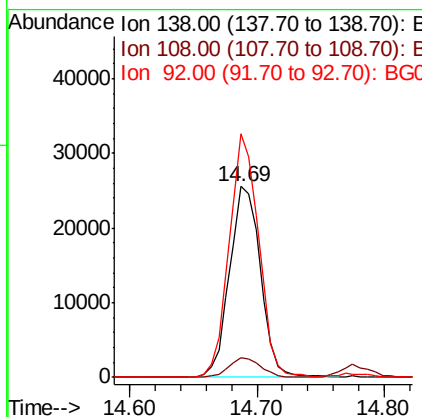
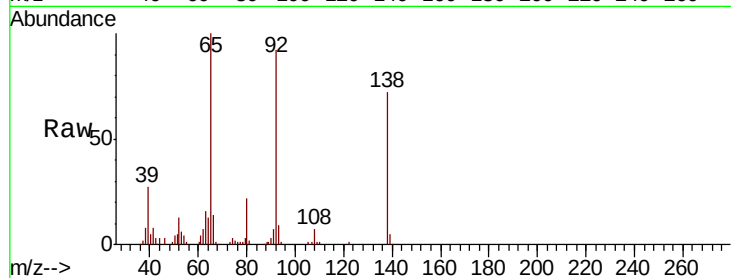




#53
3-Nitroaniline
Concen: 19.958 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

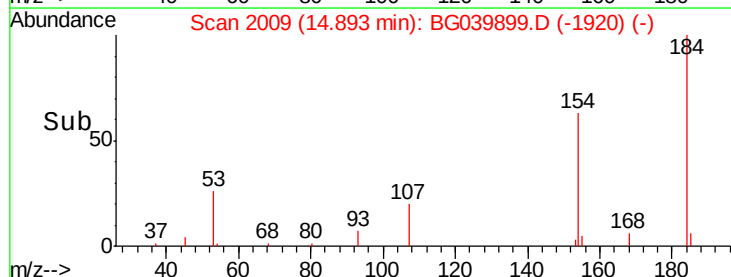
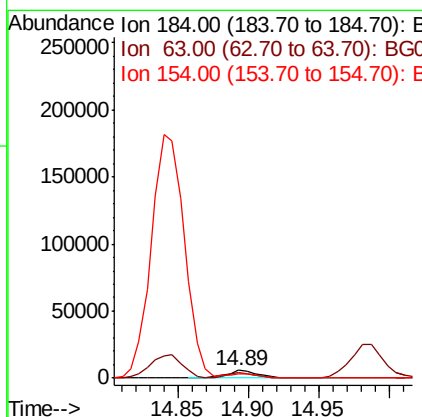
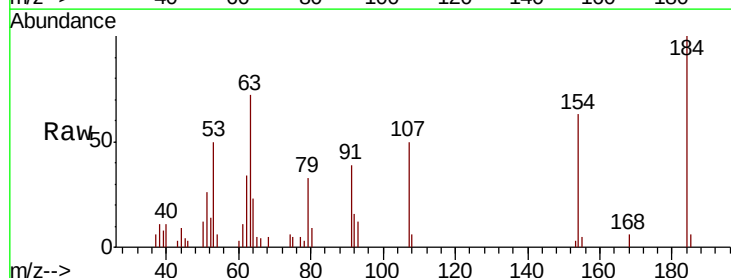
Instrument :
BNA_G
ClientSampleId :

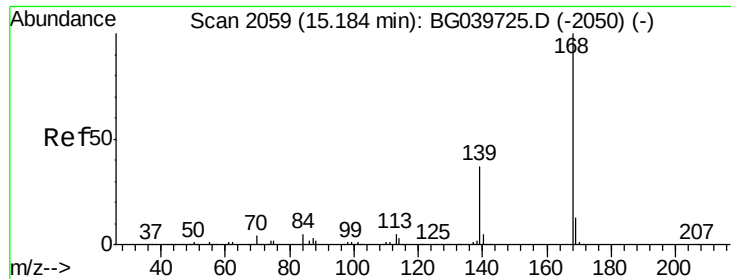
Tot Ion:138 Resp: 43005
Ion Ratio Lower Upper
138 100
108 10.2 13.8 20.8#
92 127.5 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 12.015 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion:184 Resp: 9779
Ion Ratio Lower Upper
184 100
63 72.2 50.9 76.3
154 62.6 53.0 79.6





#55

Dibenzenofuran

Concen: 40.557 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

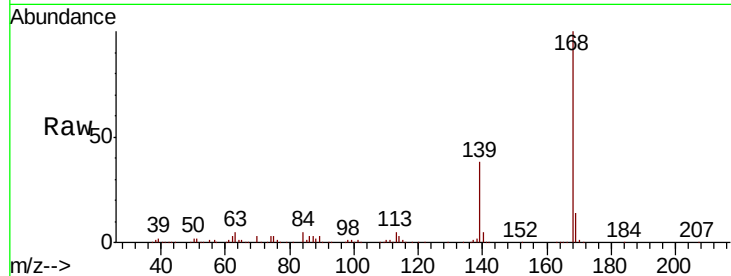
Tot Ion:168 Resp: 491913

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

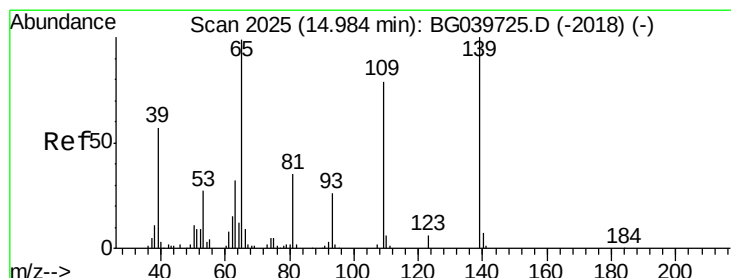
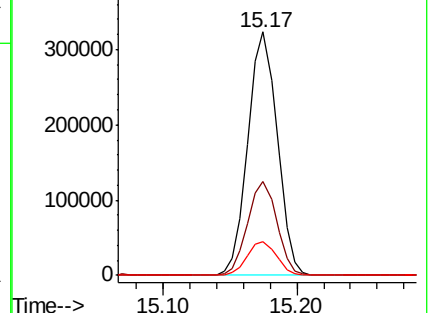
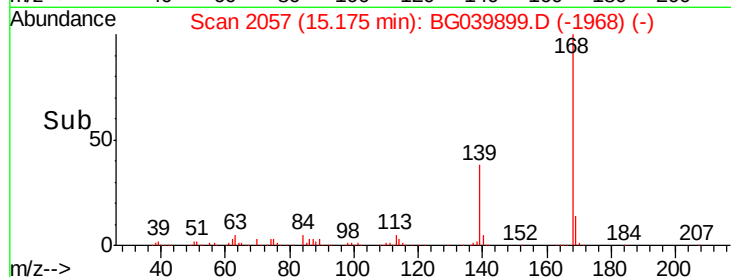
169 13.9 10.6 16.0



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: 70.616 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

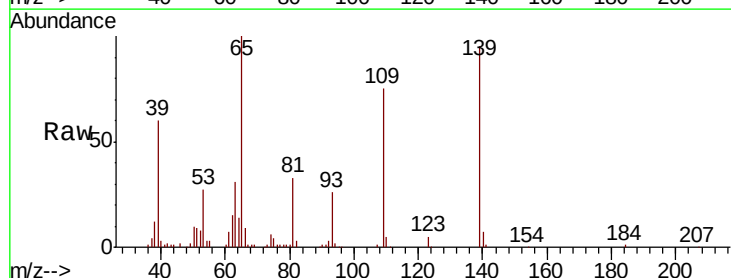
Tgt Ion:139 Resp: 136117

Ion Ratio Lower Upper

139 100

109 79.7 61.9 101.9

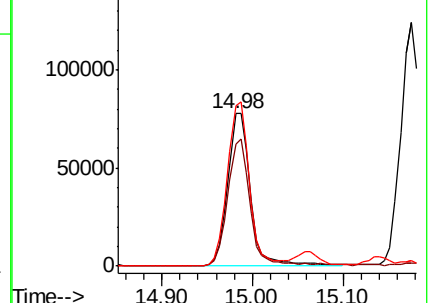
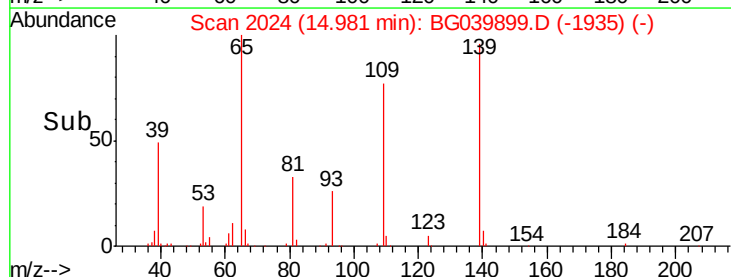
65 105.6 99.1 139.1

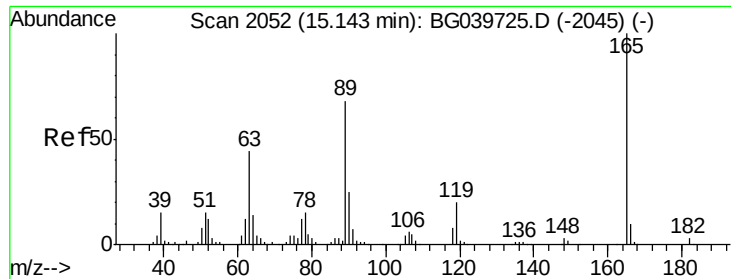


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

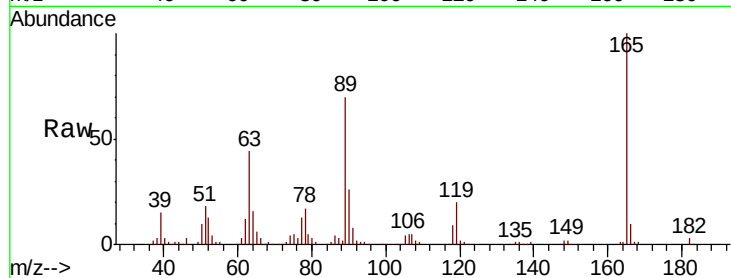




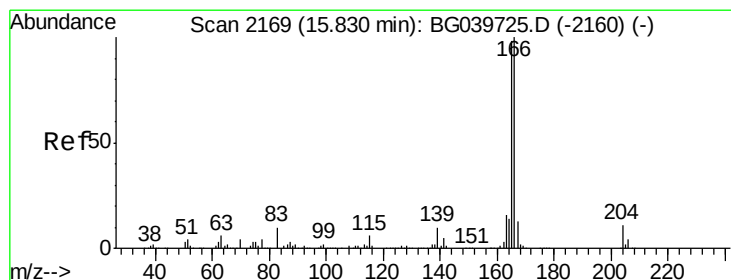
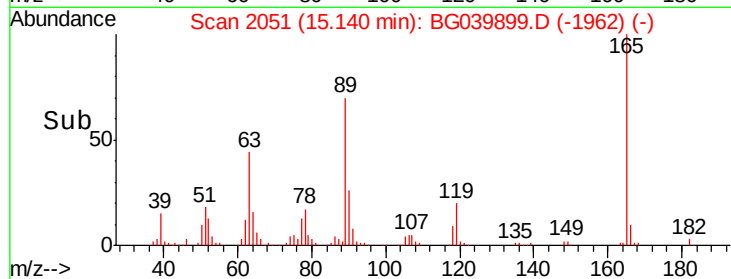
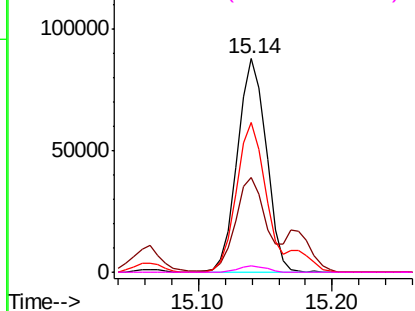
#57
2,4-Dinitrotoluene
Concen: 43.621 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	131384
Ion	Ratio	Lower Upper
165	100	
63	44.3	41.0 61.6
89	70.0	64.6 96.8
182	2.9	2.0 3.0

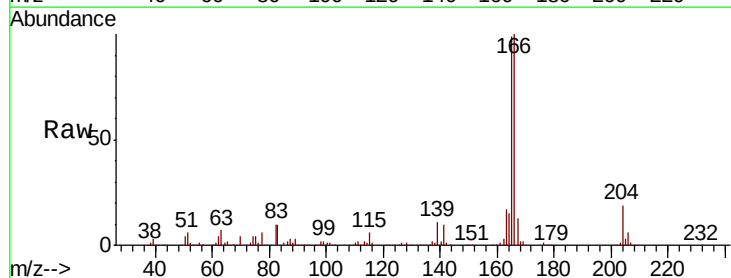


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

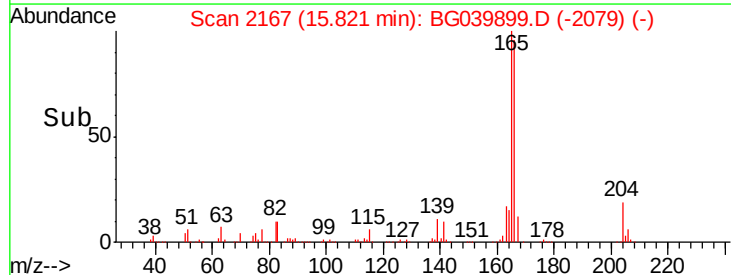
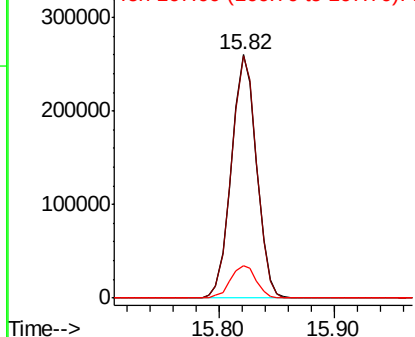


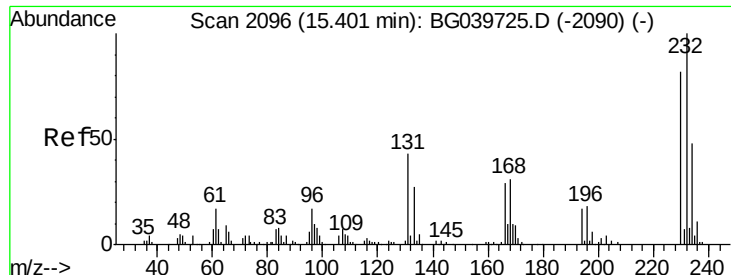
#58
Fluorene
Concen: 41.011 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion:166	Resp:	391041
Ion	Ratio	Lower Upper
166	100	
165	99.4	77.9 116.9
167	13.2	10.8 16.2



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

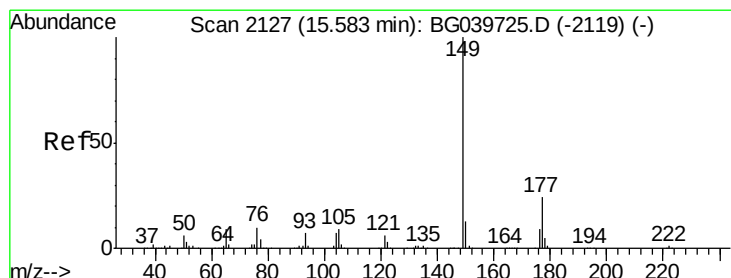
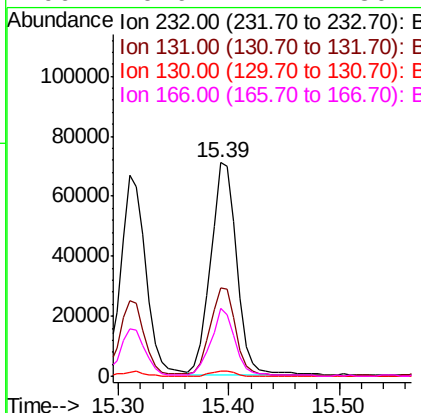
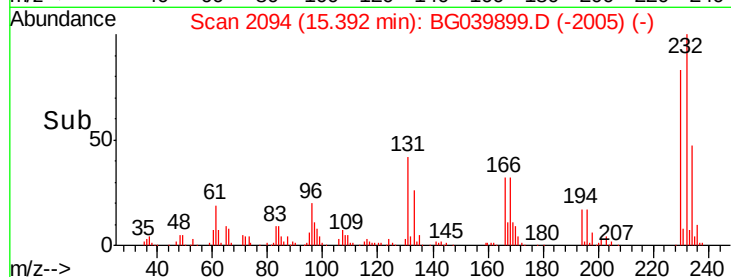
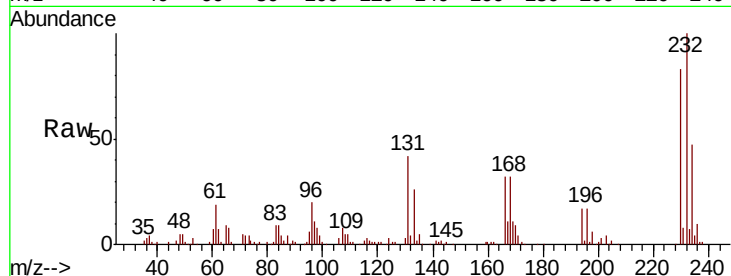




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.986 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

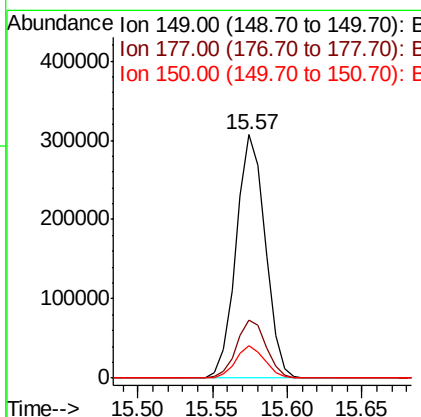
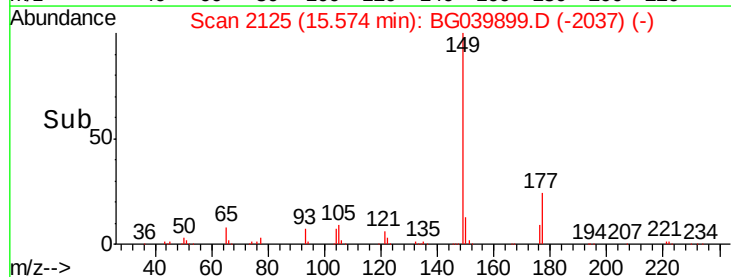
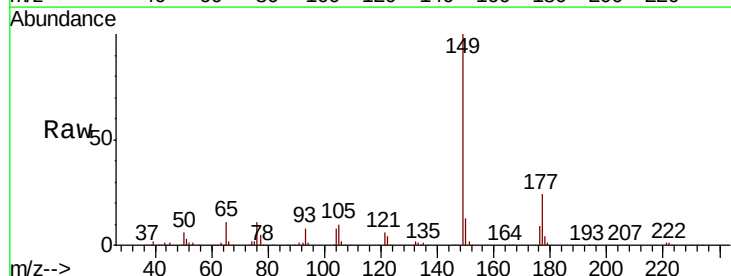
Instrument :
 BNA_G
 ClientSampleId :

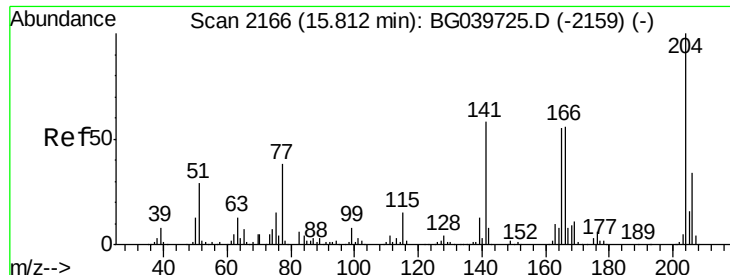
Tot Ion:232	Resp:	116129
Ion Ratio	Lower	Upper
232	100	
131	39.4	34.9 52.3
130	2.4	2.0 3.0
166	29.6	24.1 36.1



#60
 Diethylphthalate
 Concen: 41.667 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Tgt Ion:149	Resp:	417067
Ion Ratio	Lower	Upper
149	100	
177	23.8	18.3 27.5
150	13.1	10.2 15.2

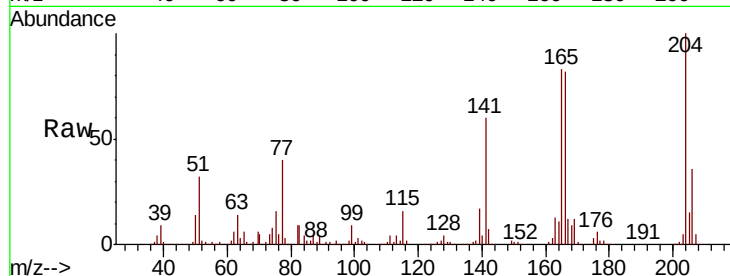




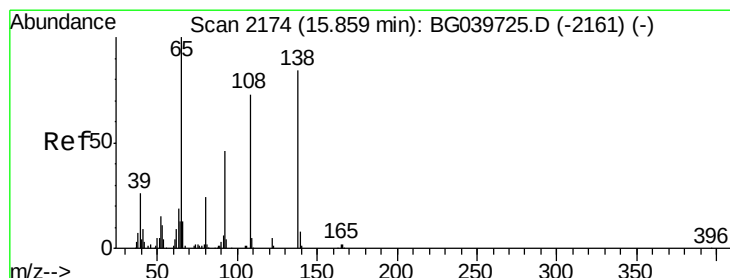
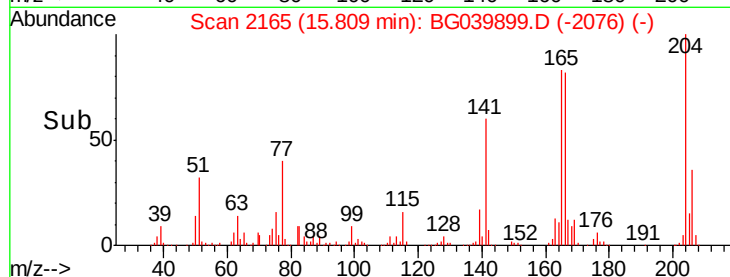
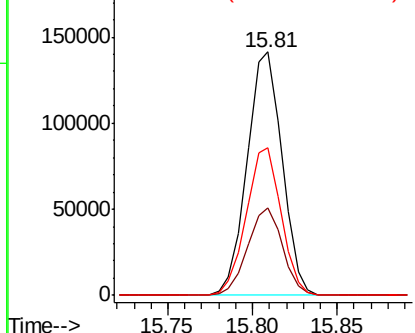
#61
4-Chlorophenyl-phenylether
Concen: 40.178 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 204428
Ion Ratio Lower Upper
204 100
206 35.9 29.2 43.8
141 60.4 49.0 73.4

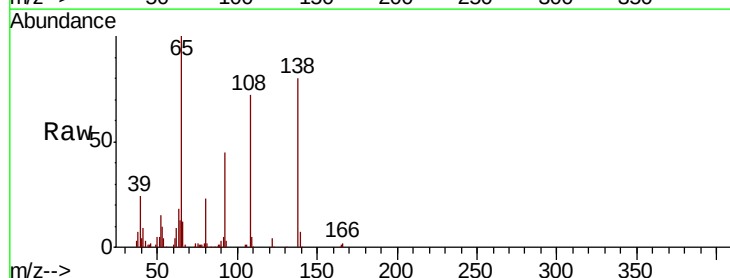


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

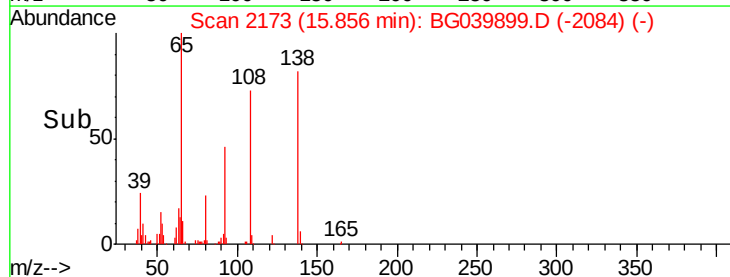
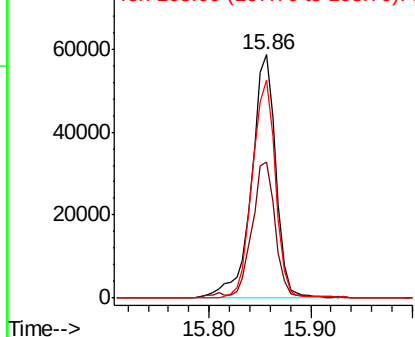


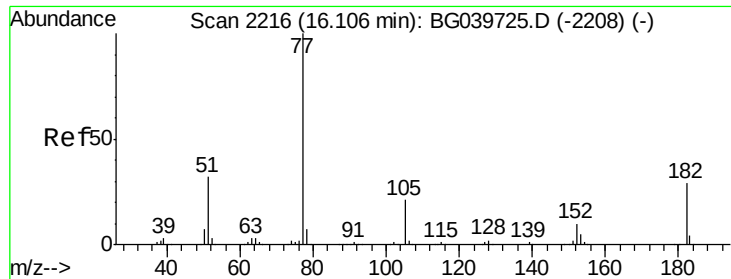
#62
4-Nitroaniline
Concen: 41.859 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion:138 Resp: 97782
Ion Ratio Lower Upper
138 100
92 55.8 38.7 78.7
108 89.6 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: 41.785 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 379128

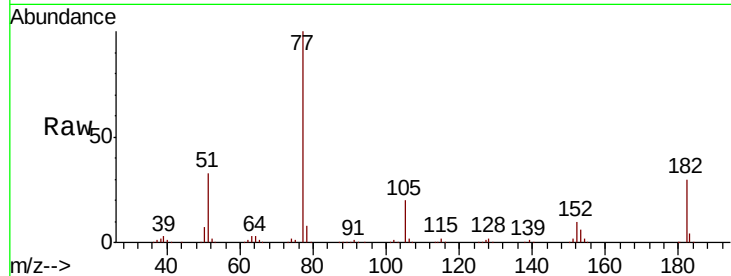
Ion Ratio Lower Upper

77 100

182 29.6 6.4 46.4

105 20.3 0.0 39.8

51 33.3 14.1 54.1

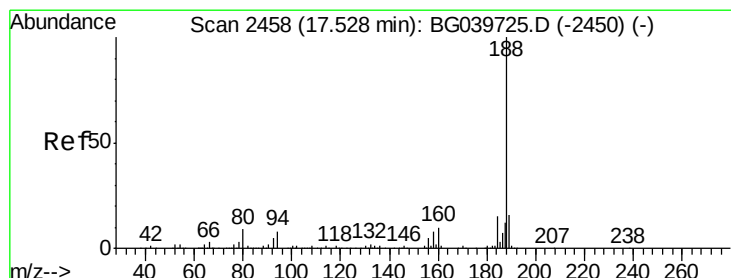
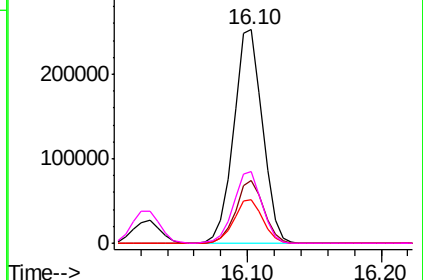
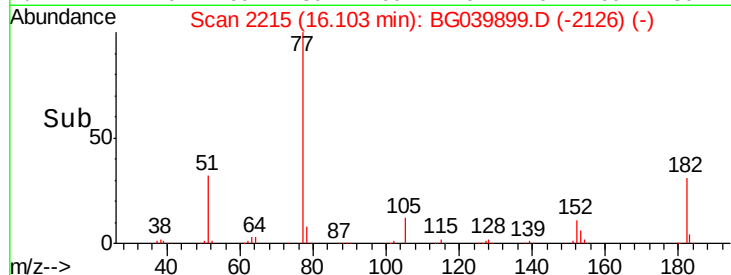


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

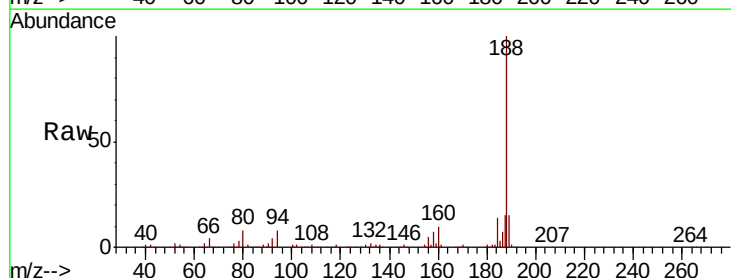
Tgt Ion: 188 Resp: 305289

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

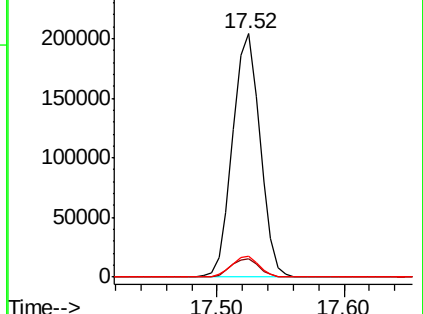
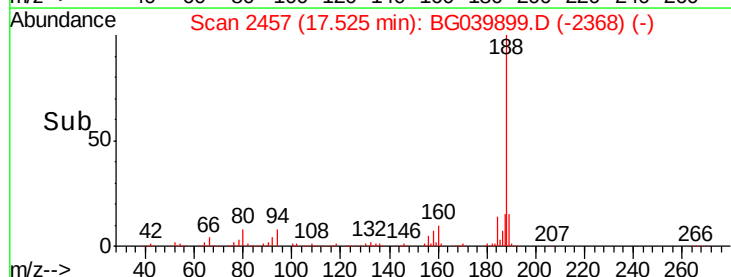
80 8.5 8.1 12.1

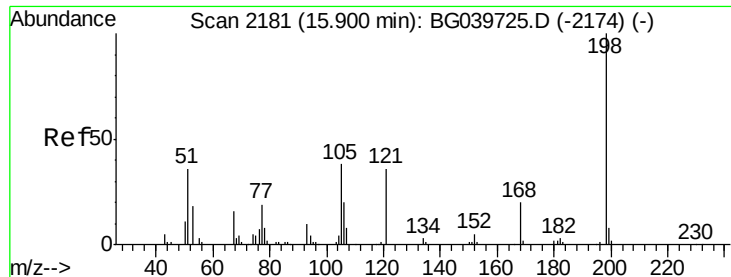


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 10.881 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

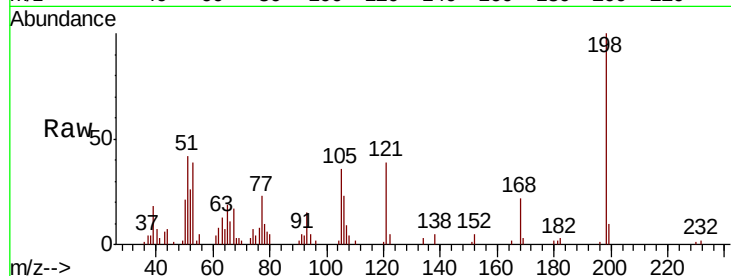
Tot Ion:198 Resp: 19641

Ion Ratio Lower Upper

198 100

51 42.1 27.4 67.4

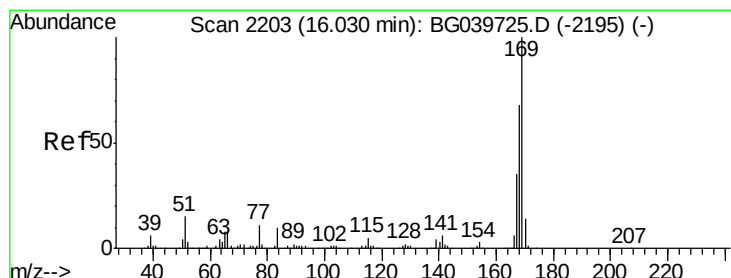
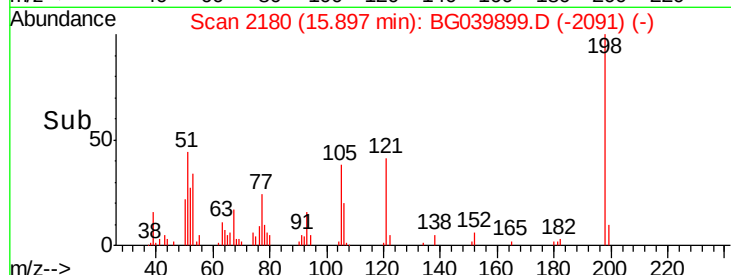
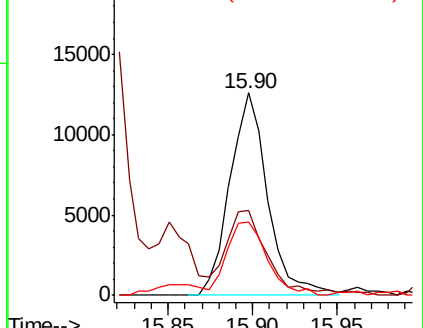
105 36.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039725.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.146 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

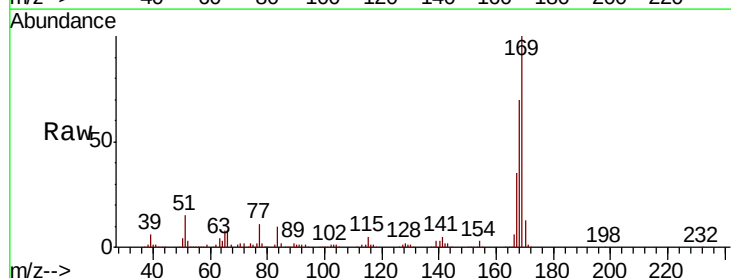
Tgt Ion:169 Resp: 363654

Ion Ratio Lower Upper

169 100

168 70.1 56.6 85.0

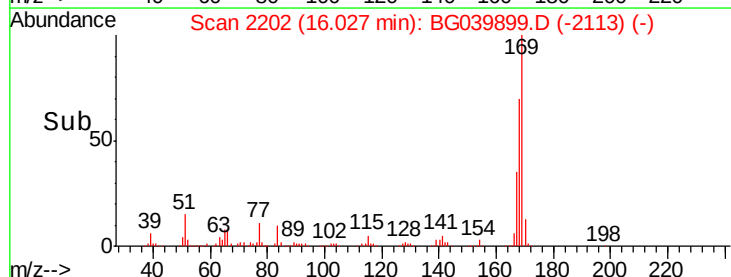
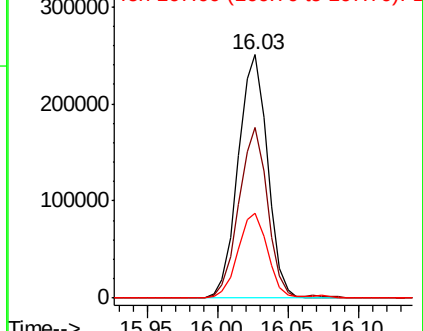
167 34.7 28.8 43.2

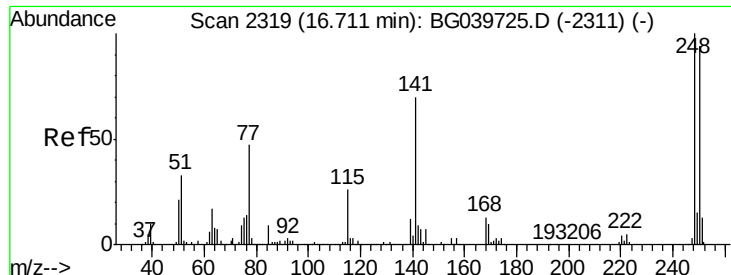


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

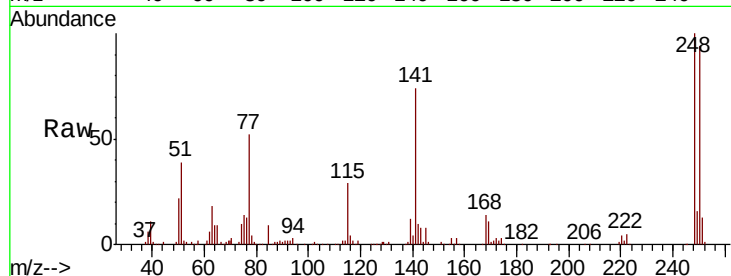




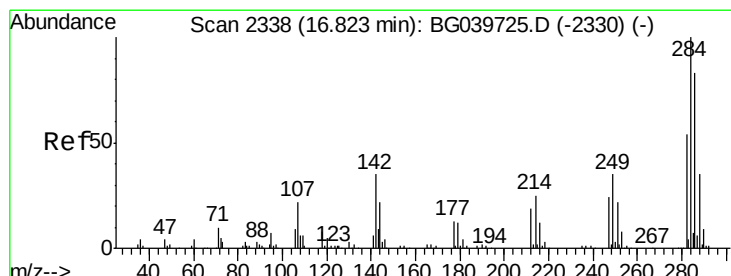
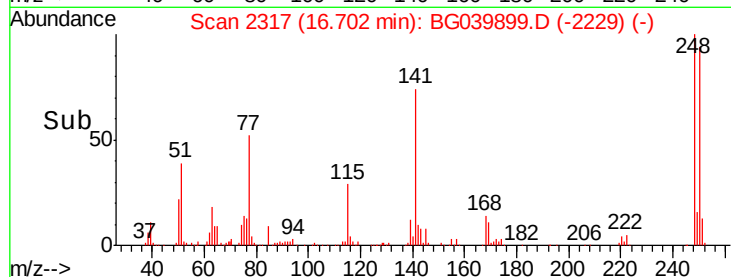
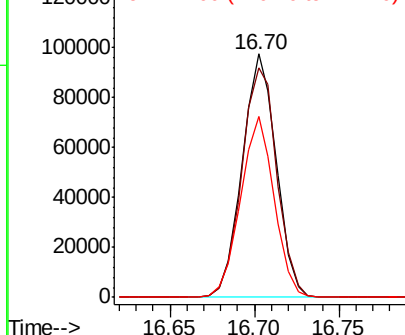
#67
4-Bromophenyl-phenylether
Concen: 39.962 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 136560
Ion Ratio Lower Upper
248 100
250 94.3 77.6 116.4
141 74.3 63.9 95.9

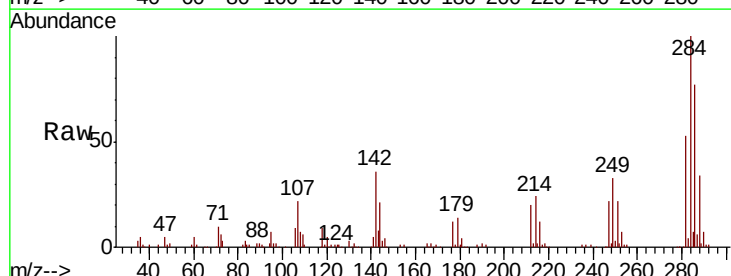


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

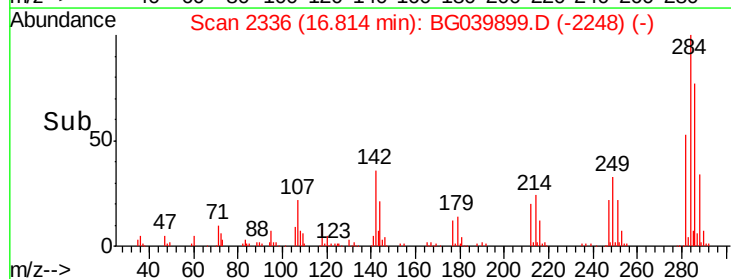
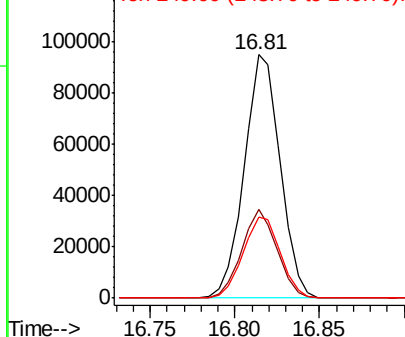


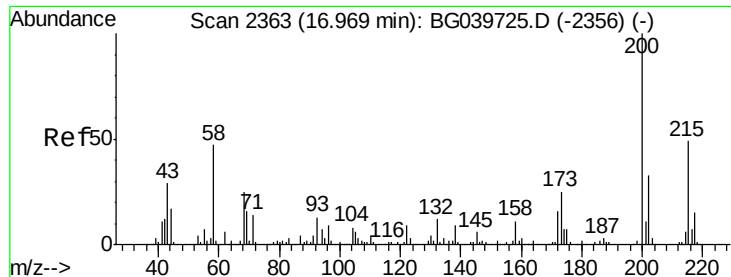
#68
Hexachlorobenzene
Concen: 39.615 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion:284 Resp: 140324
Ion Ratio Lower Upper
284 100
142 36.3 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

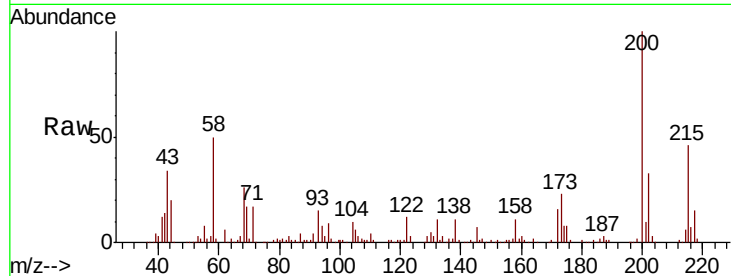




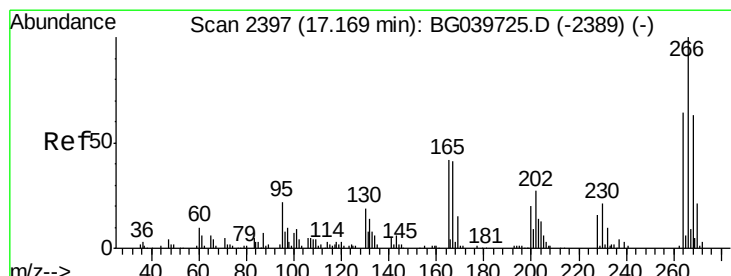
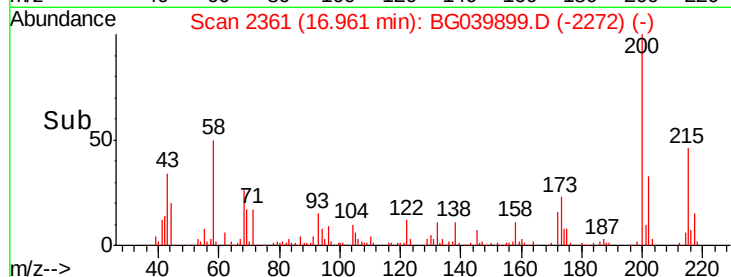
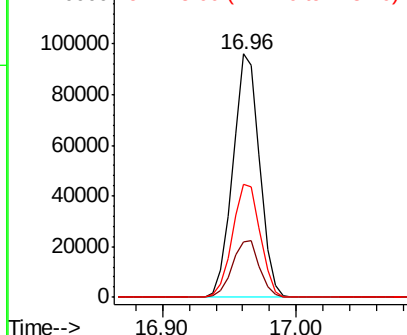
#69
 Atrazine
 Concen: 38.457 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.8	3.9	43.9
215	46.4	30.9	70.9

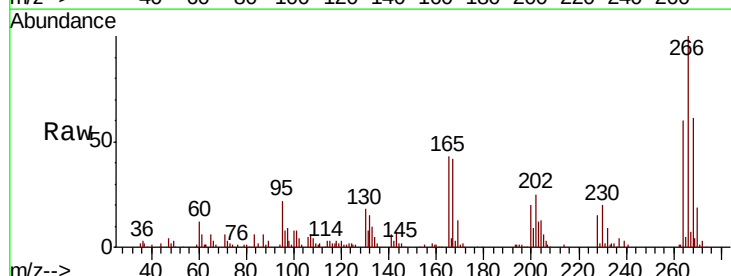


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

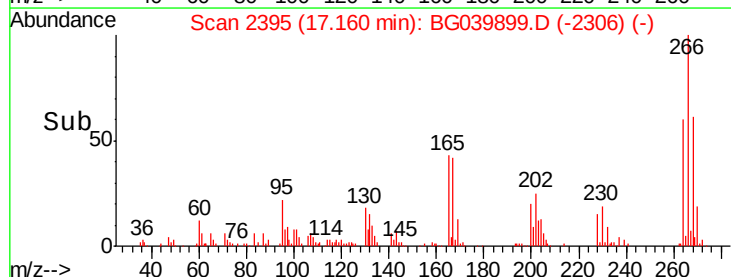
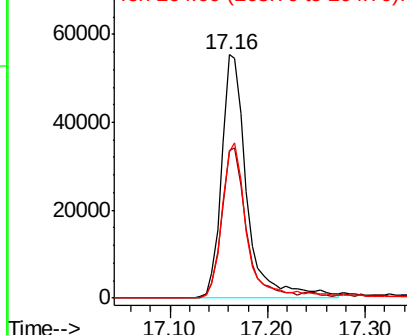


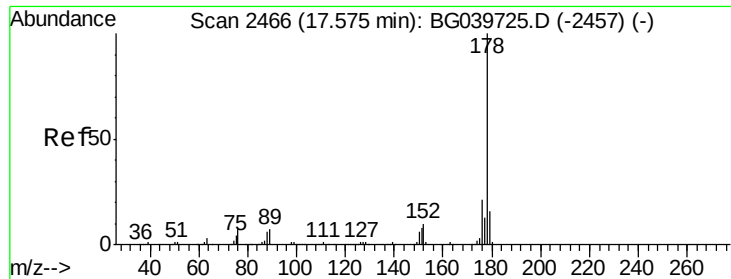
#70
 Pentachlorophenol
 Concen: 44.727 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	60.1	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

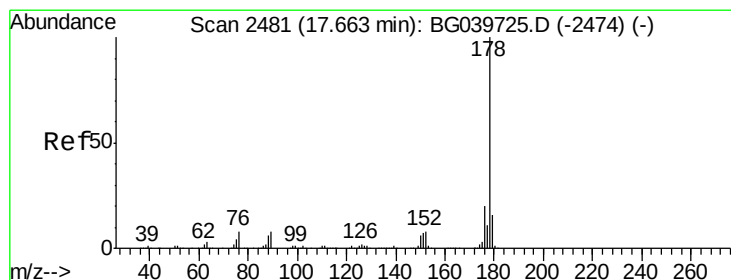
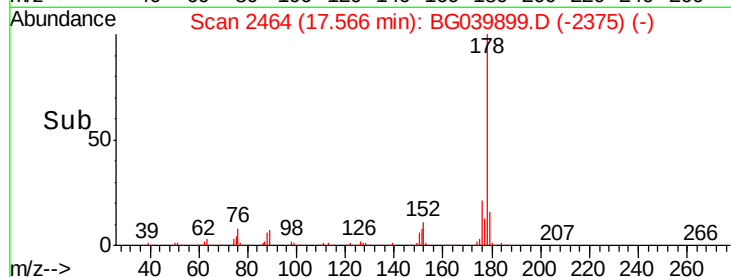
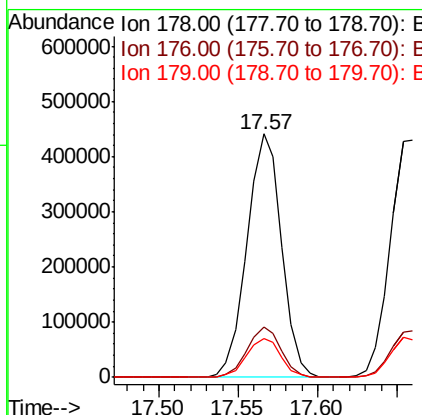
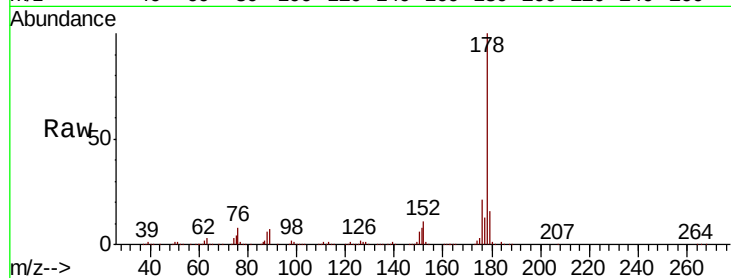




#71
Phenanthrene
Concen: 39.634 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

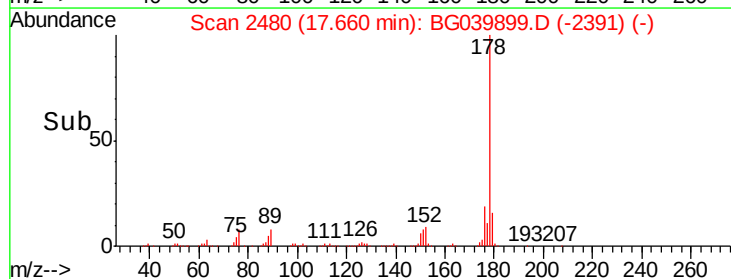
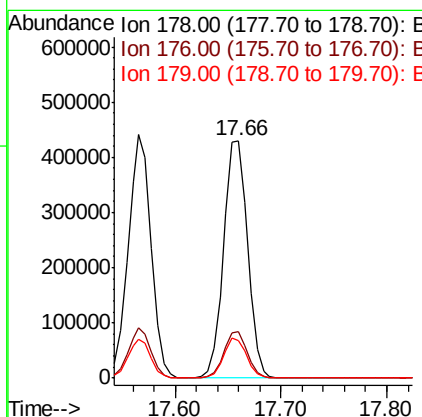
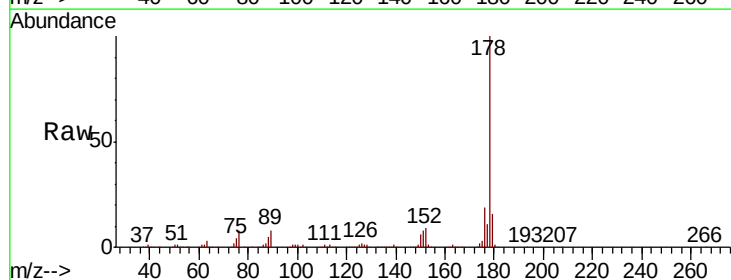
Instrument :
BNA_G
ClientSampled :

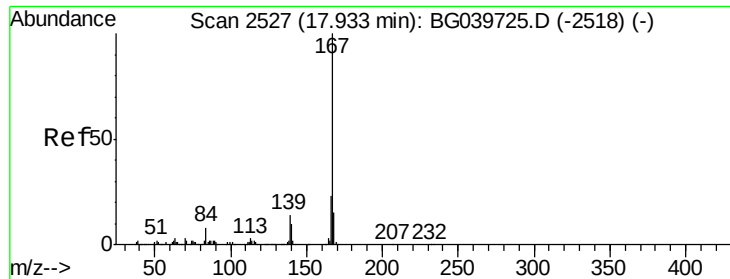
Tot Ion:178 Resp: 666474
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 15.9 12.6 19.0



#72
Anthracene
Concen: 41.248 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion:178 Resp: 675912
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.8 12.5 18.7





#73

Carbazole

Concen: 40.216 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

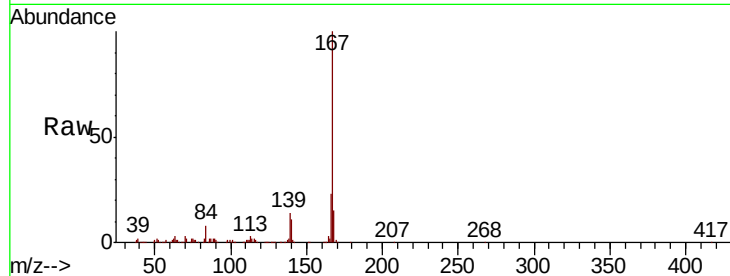
Tot Ion:167 Resp: 594100

Ion Ratio Lower Upper

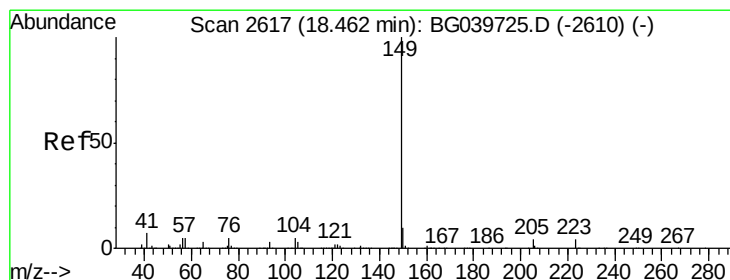
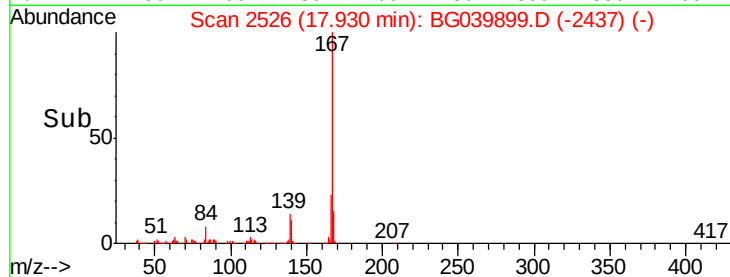
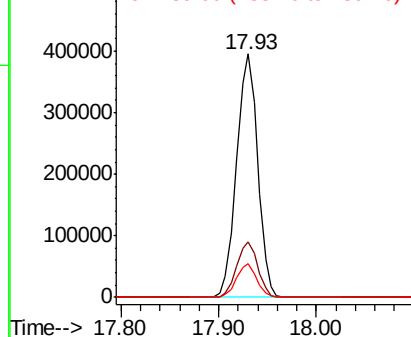
167 100

166 23.0 19.4 29.2

139 14.0 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: 41.460 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

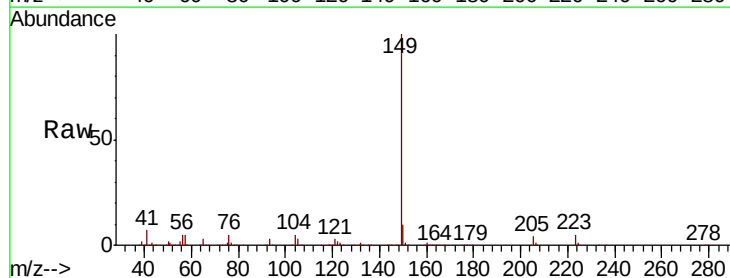
Tgt Ion:149 Resp: 720623

Ion Ratio Lower Upper

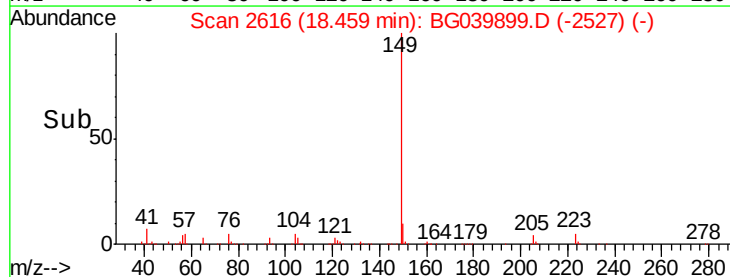
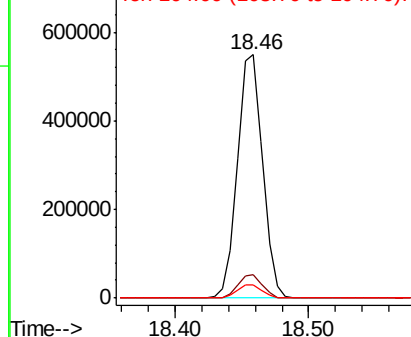
149 100

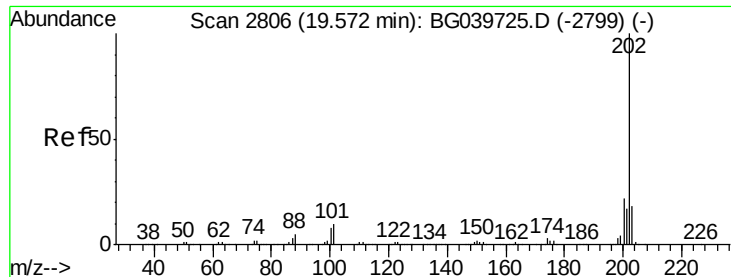
150 9.6 7.7 11.5

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: 40.417 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

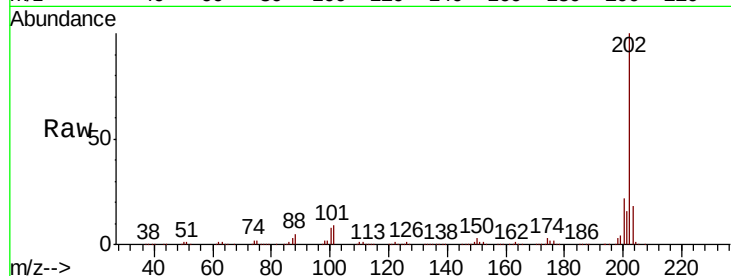
Tot Ion:202 Resp: 803213

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.0

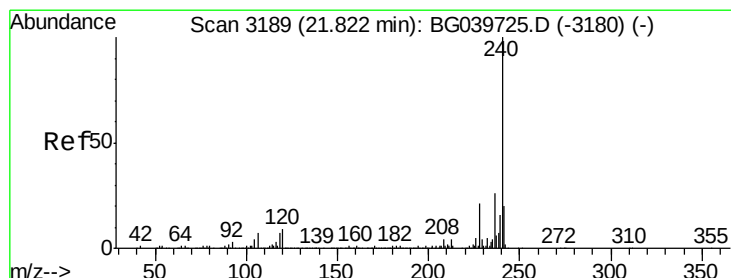
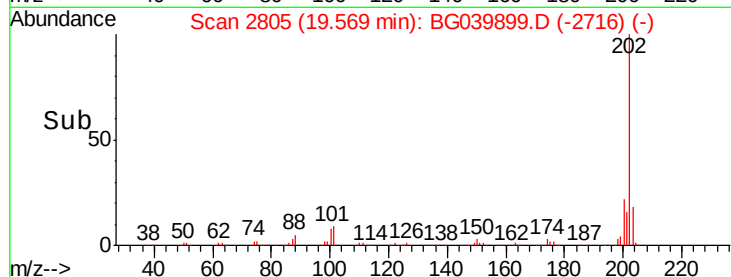
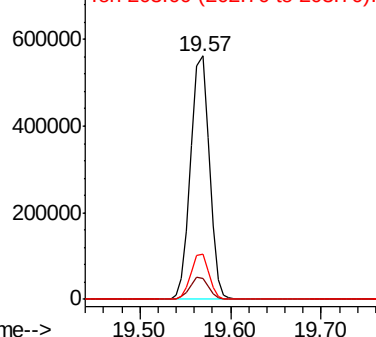
203 18.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

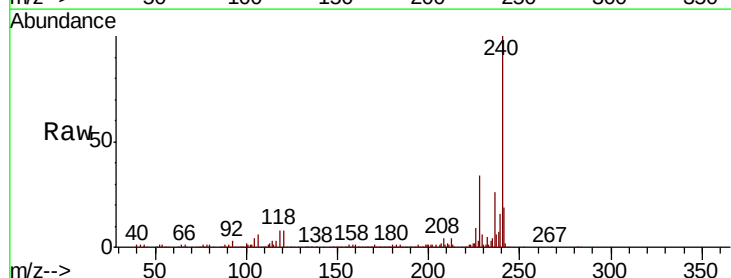
Tgt Ion:240 Resp: 310976

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

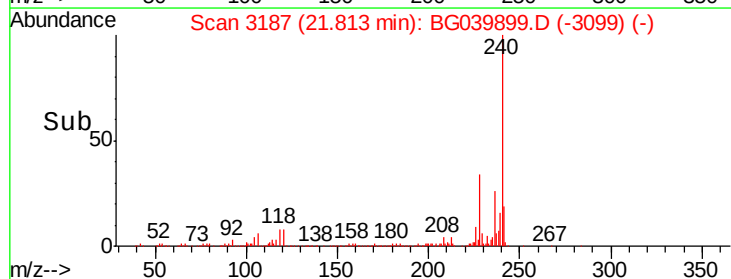
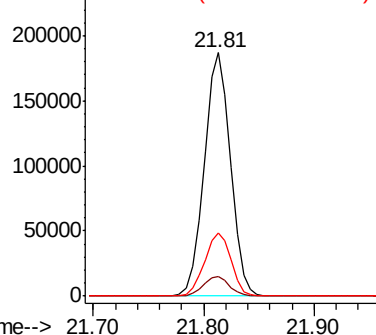
236 25.9 21.0 31.4

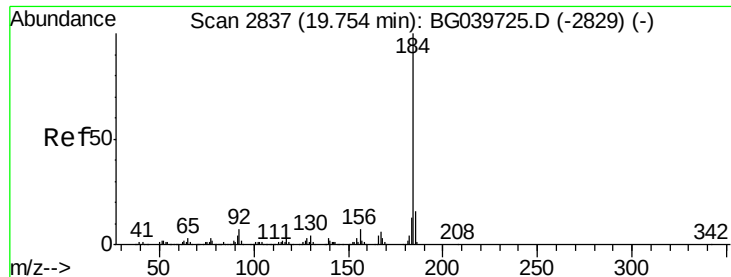


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.761 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

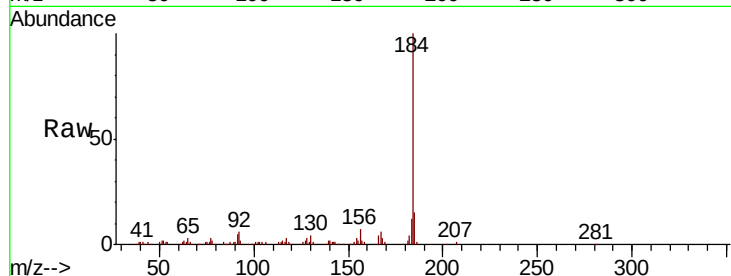
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 135793

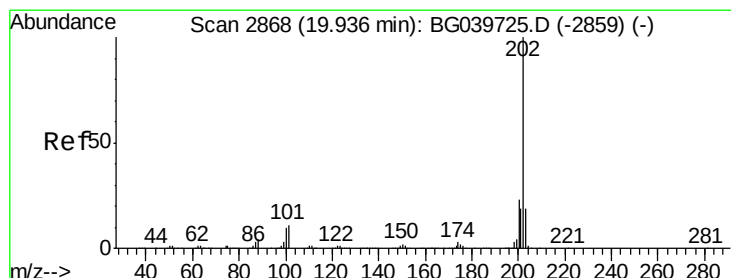
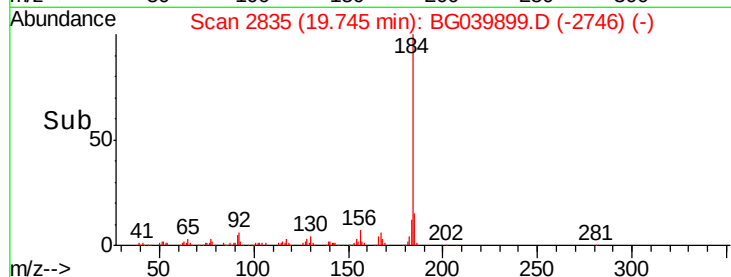
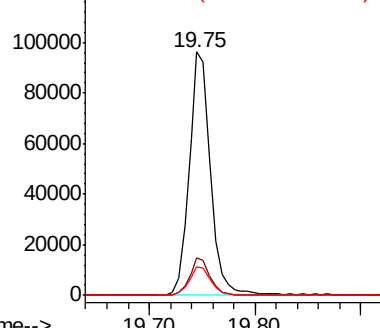
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	12.0	10.6	15.8



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: 40.058 ng

RT: 19.93 min Scan# 2866

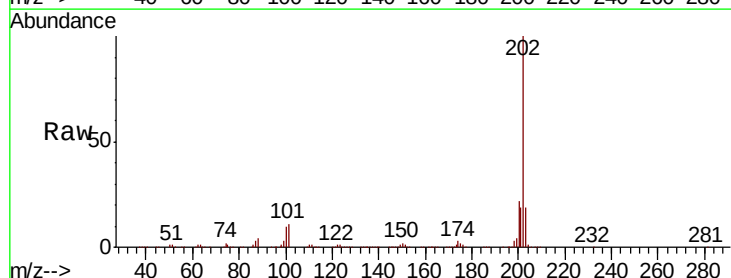
Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Tgt Ion:202 Resp: 809460

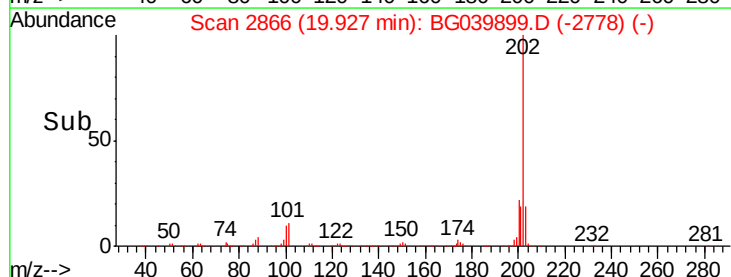
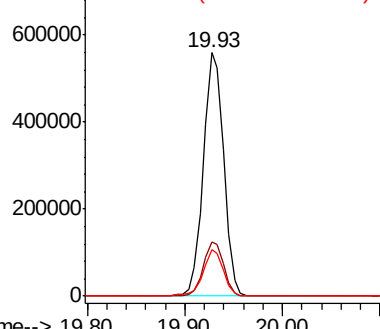
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.8
203	19.0	15.3	22.9

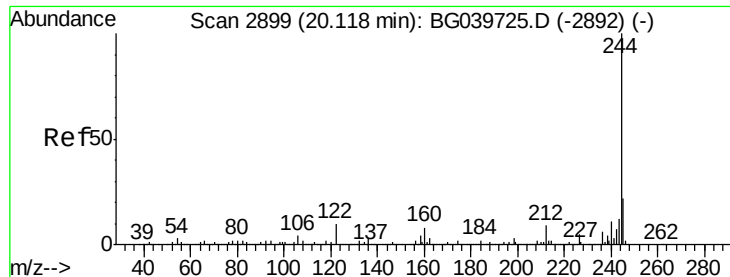


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.307 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampled :

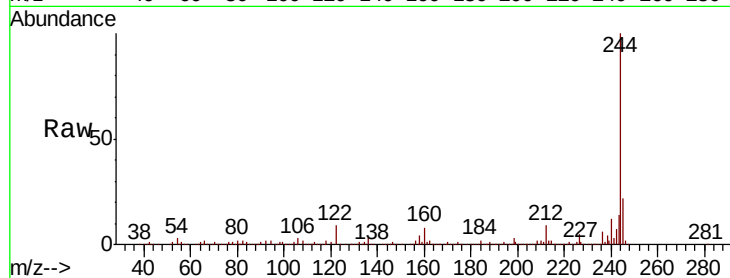
Tot Ion:244 Resp: 1148353

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

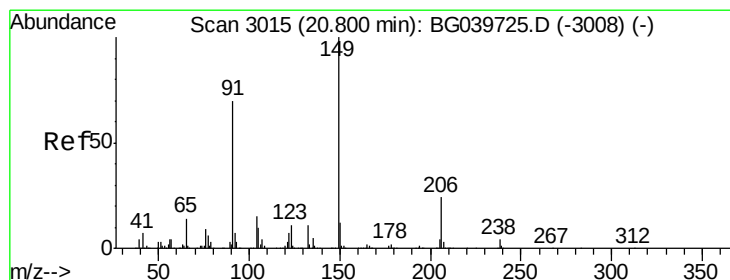
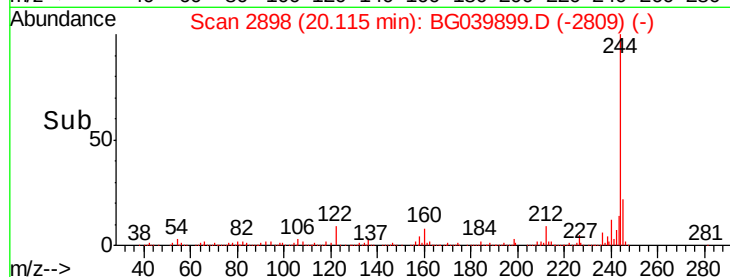
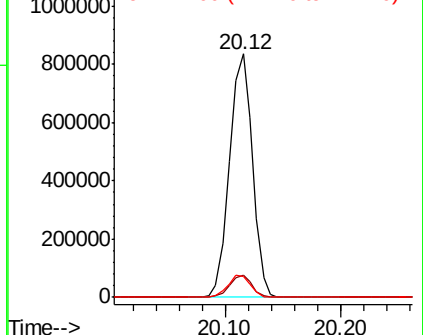
122 8.8 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.046 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

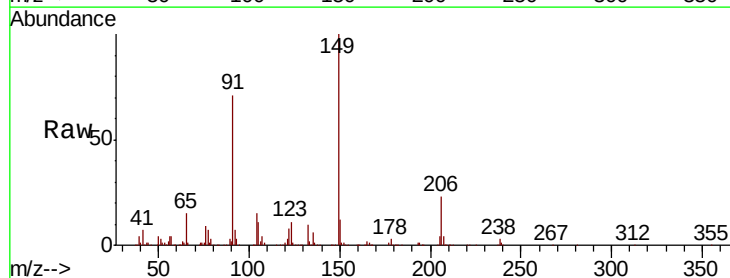
Tgt Ion:149 Resp: 336999

Ion Ratio Lower Upper

149 100

91 70.8 59.5 89.3

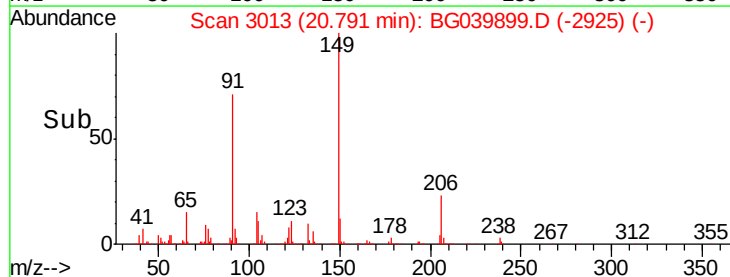
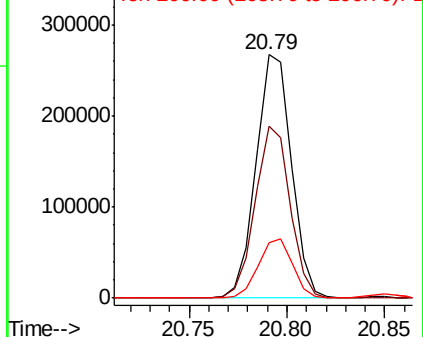
206 22.6 18.6 27.8

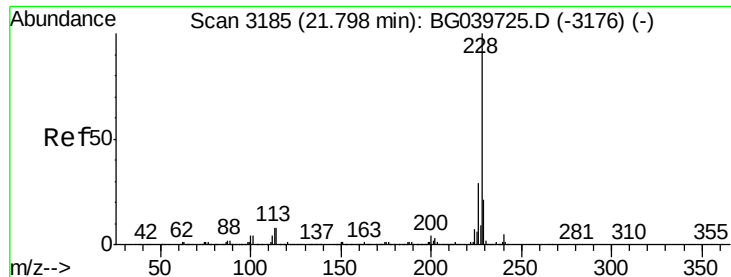


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.172 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG039899.D

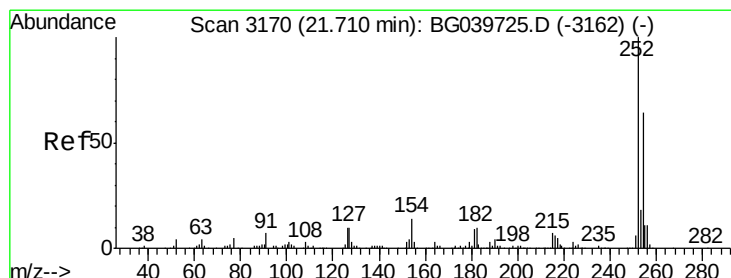
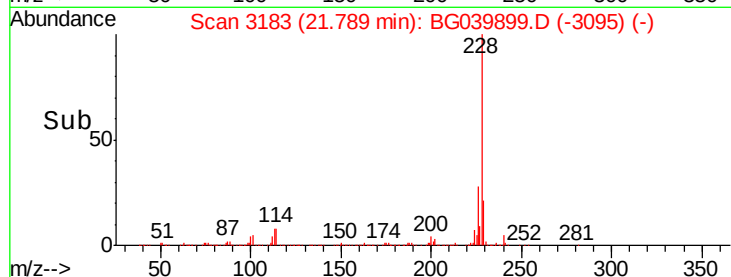
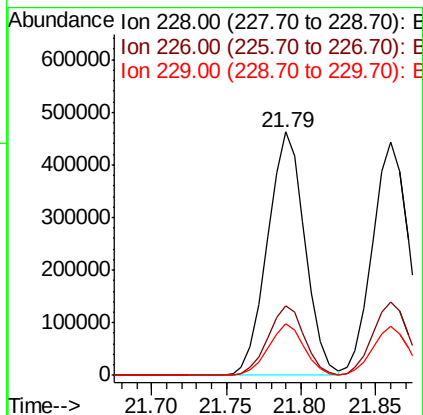
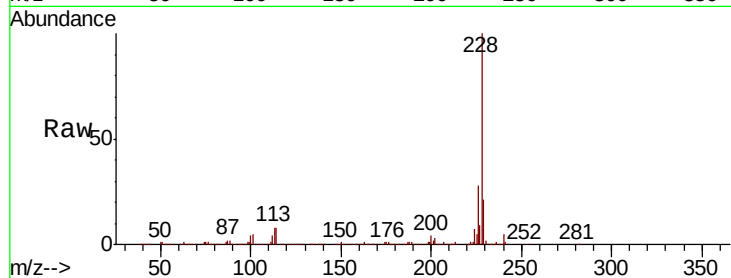
Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	228	Resp:	802426
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	21.2	16.9	25.3



#82

3,3'-Dichlorobenzidine

Concen: 15.344 ng

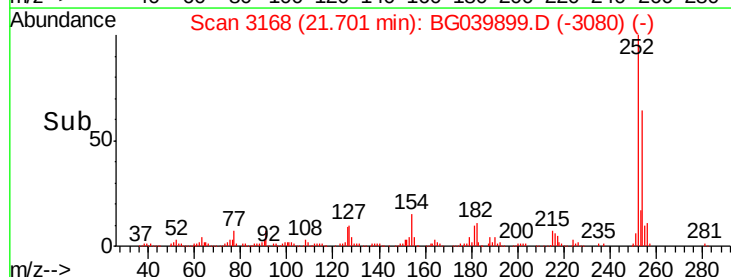
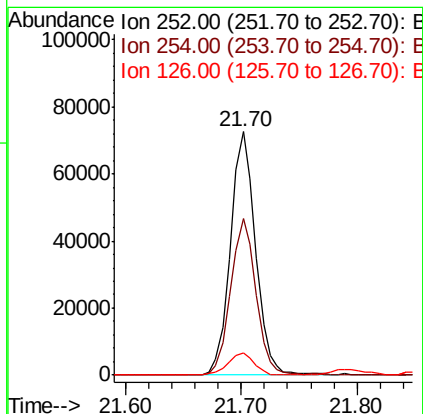
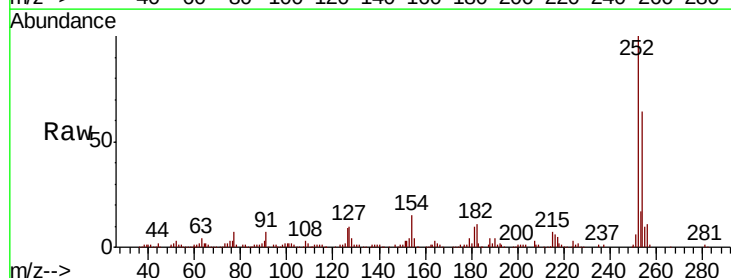
RT: 21.70 min Scan# 3168

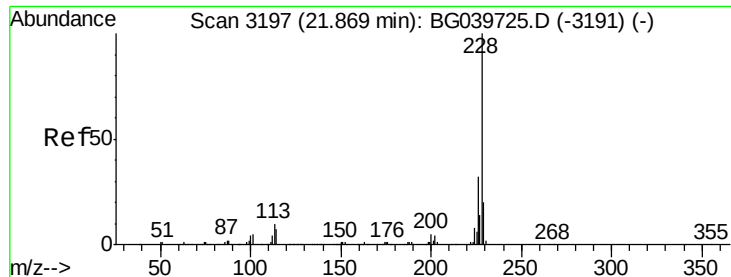
Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Tgt Ion:	252	Resp:	109183
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	9.2	8.0	12.0





#83

Chrysene

Concen: 39.352 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

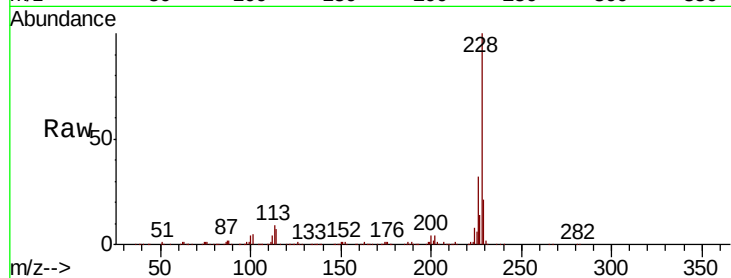
Tot Ion:228 Resp: 743547

Ion Ratio Lower Upper

228 100

226 31.6 25.8 38.6

229 21.0 16.6 25.0

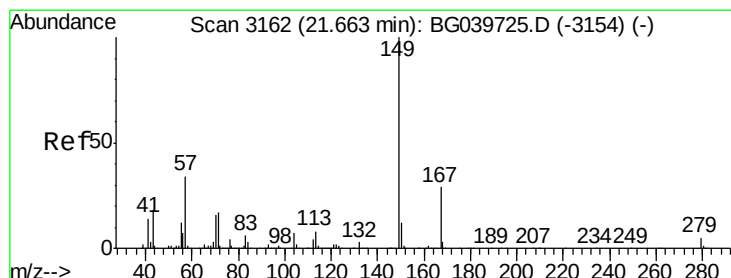
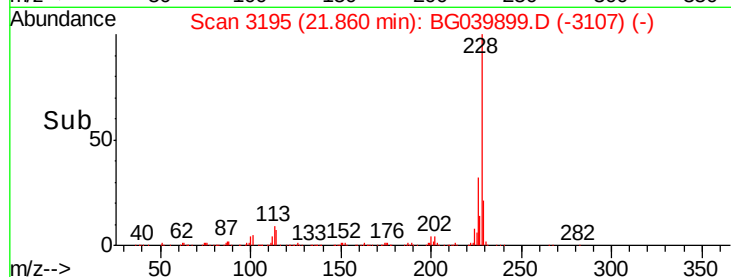
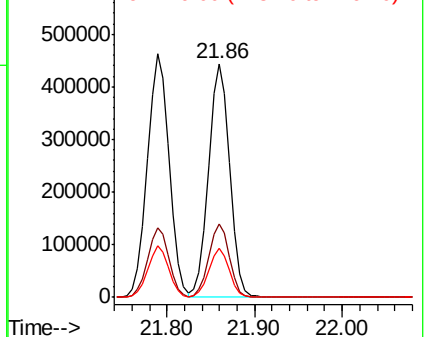


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.434 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

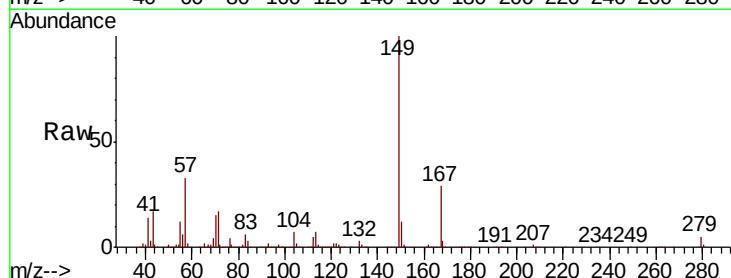
Tgt Ion:149 Resp: 466840

Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

279 5.3 3.5 5.3#

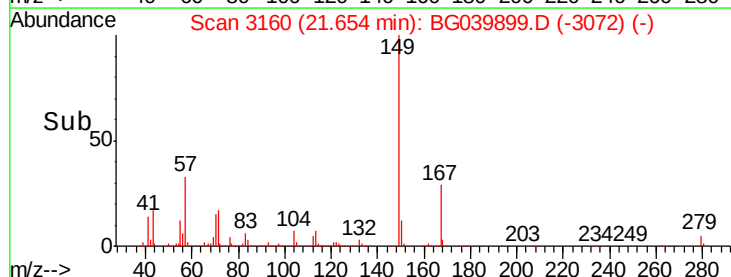
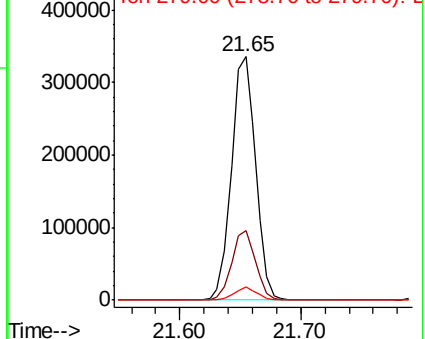


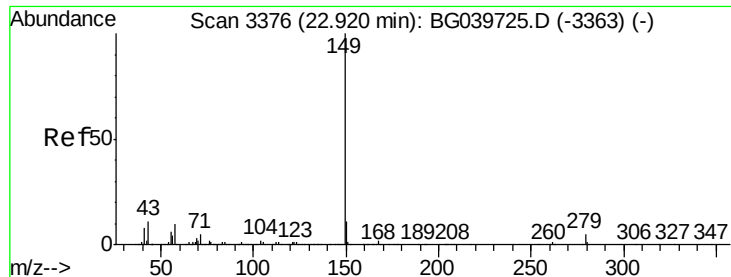
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

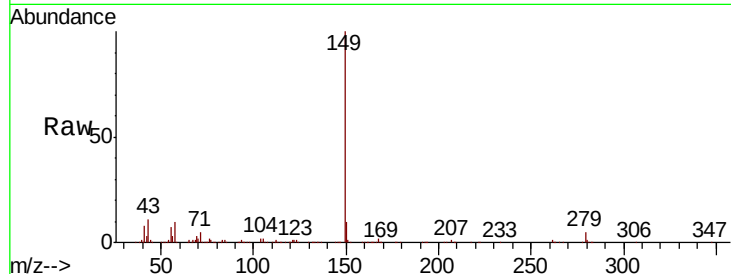




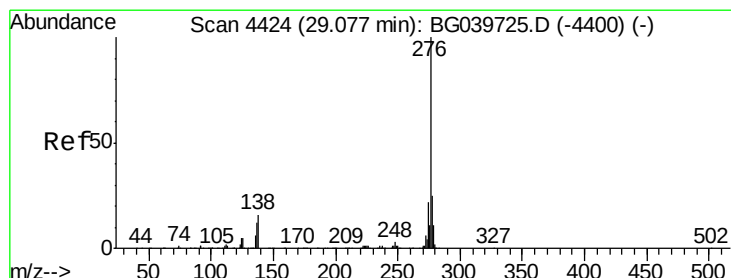
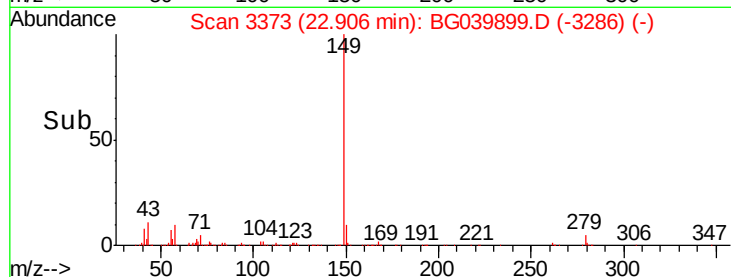
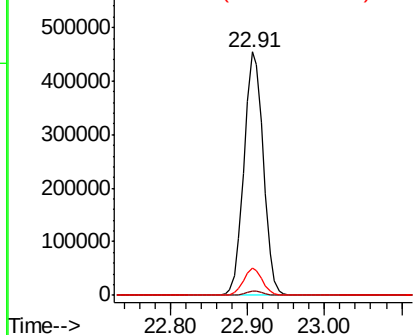
#85
Di-n-octyl phthalate
Concen: 43.975 ng
RT: 22.91 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.8	10.2	15.4

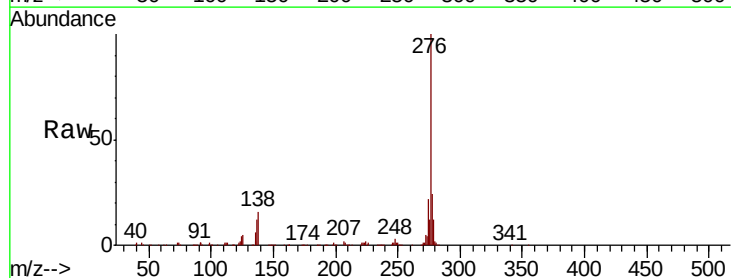


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

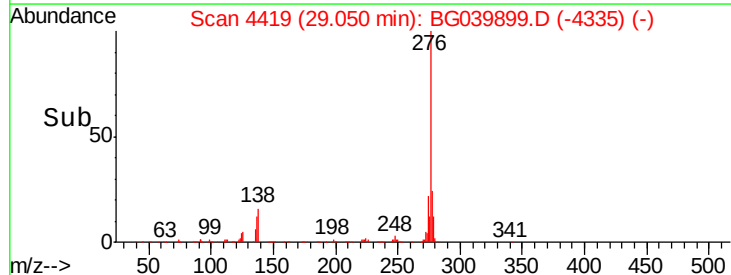
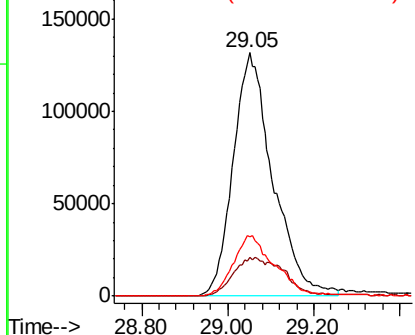


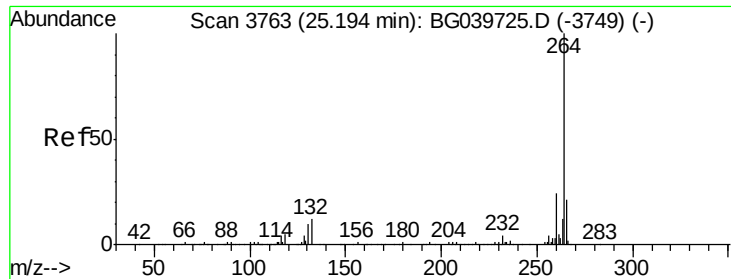
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.675 ng
RT: 29.05 min Scan# 4419
Delta R.T. -0.04 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.9	12.6	19.0#
277	25.7	20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

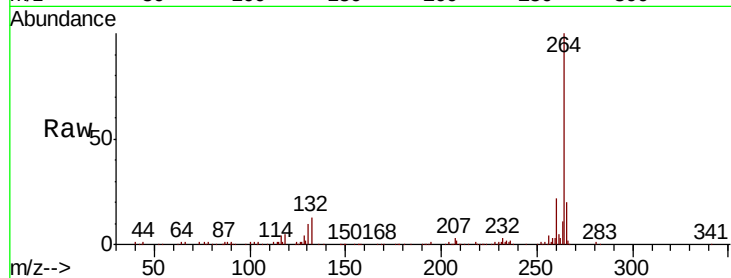
Tot Ion:264 Resp: 316189

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

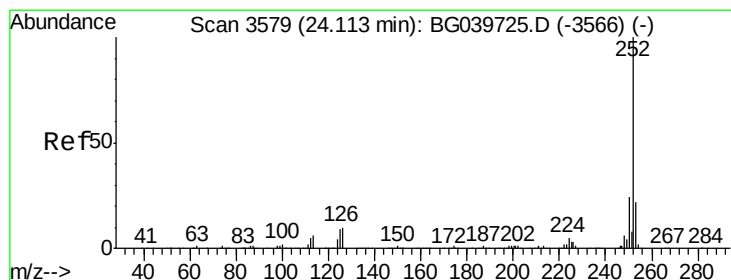
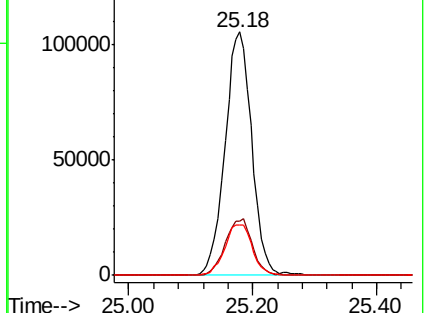
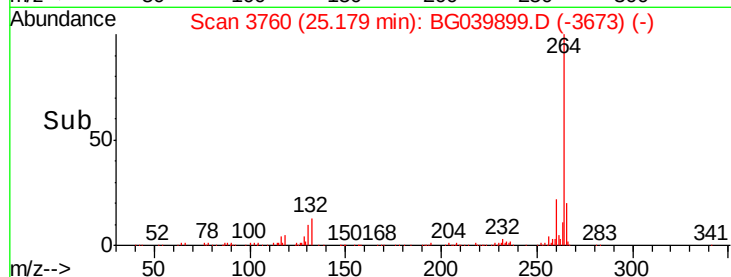
265 20.4 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.915 ng

RT: 24.10 min Scan# 3576

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

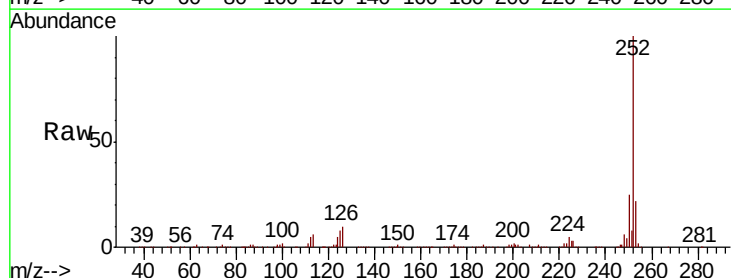
Tgt Ion:252 Resp: 771443

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

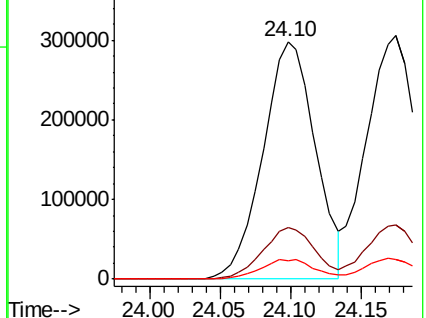
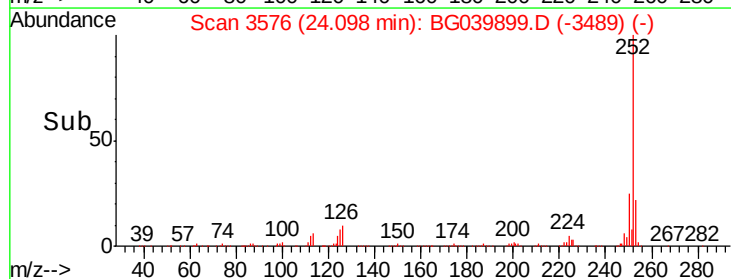
125 8.0 7.8 11.6

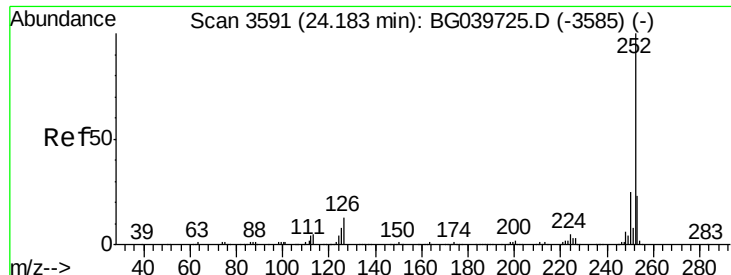


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.350 ng

RT: 24.17 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

Instrument :

BNA_G

ClientSampleId :

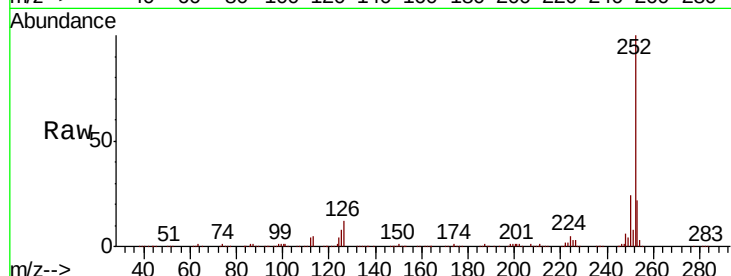
Tot Ion:252 Resp: 760849

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

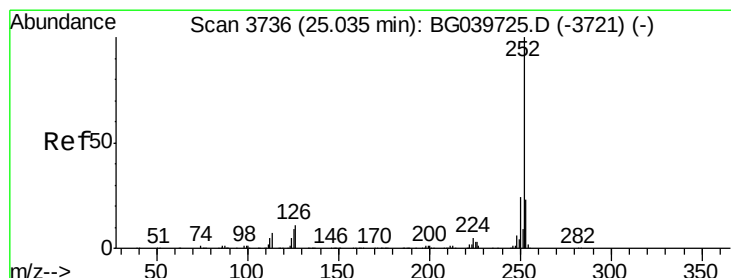
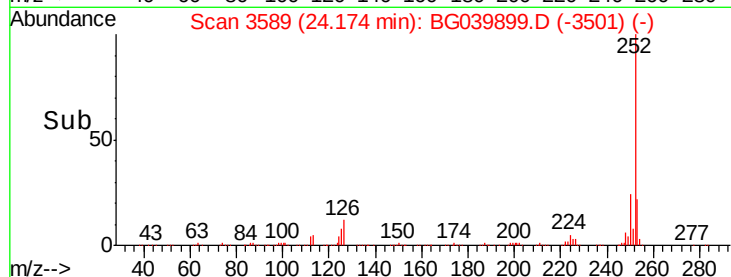
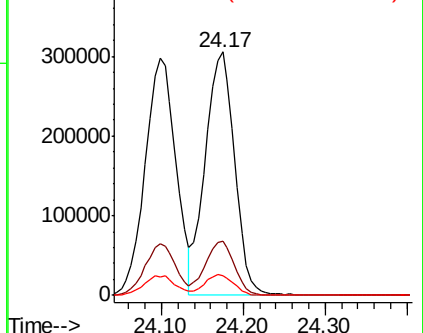
125 8.0 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.647 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG039899.D

Acq: 13 Mar 2019 8:05

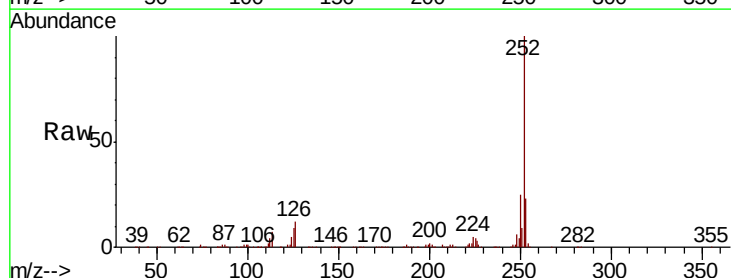
Tgt Ion:252 Resp: 760460

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

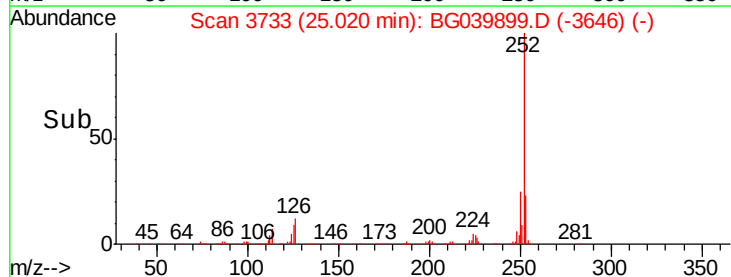
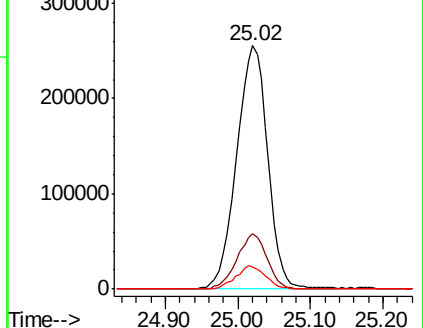
125 9.1 8.3 12.5

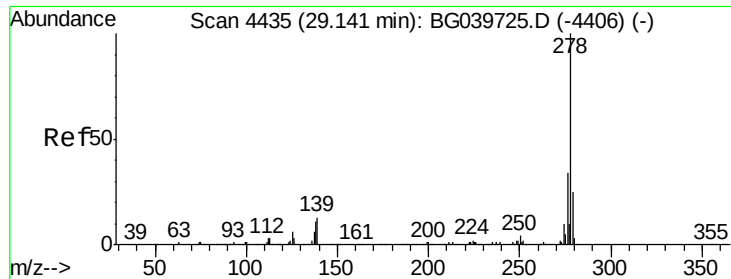


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

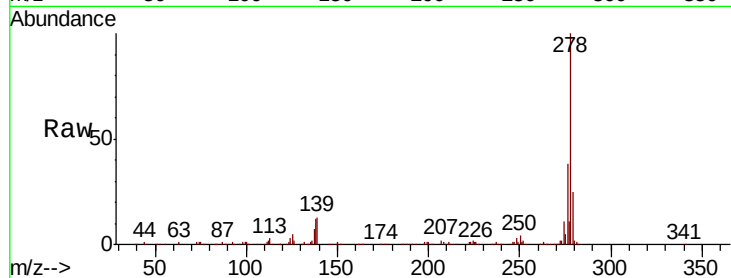




#91
Dibenzo(a,h)anthracene
Concen: 40.239 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.03 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.7	17.5
279	24.9	19.1	28.7

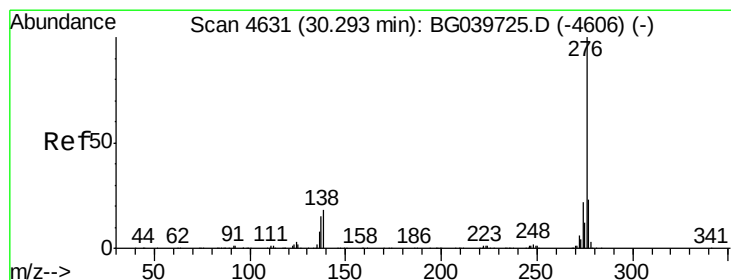
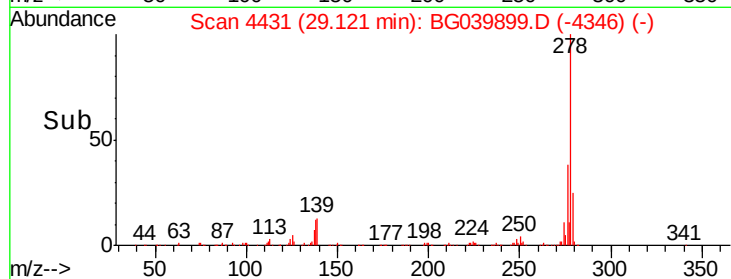
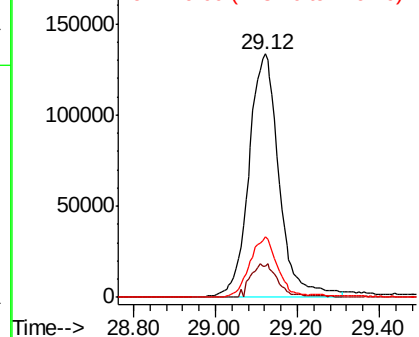


Abundance

Ion 278.00 (277.70 to 278.70): E

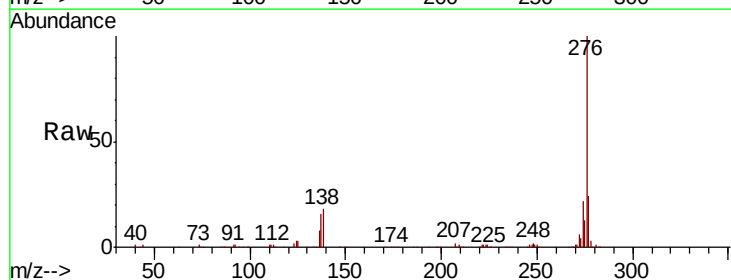
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.153 ng
RT: 30.28 min Scan# 4628
Delta R.T. -0.03 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	18.2	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

