

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 :
 PB117850BS

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

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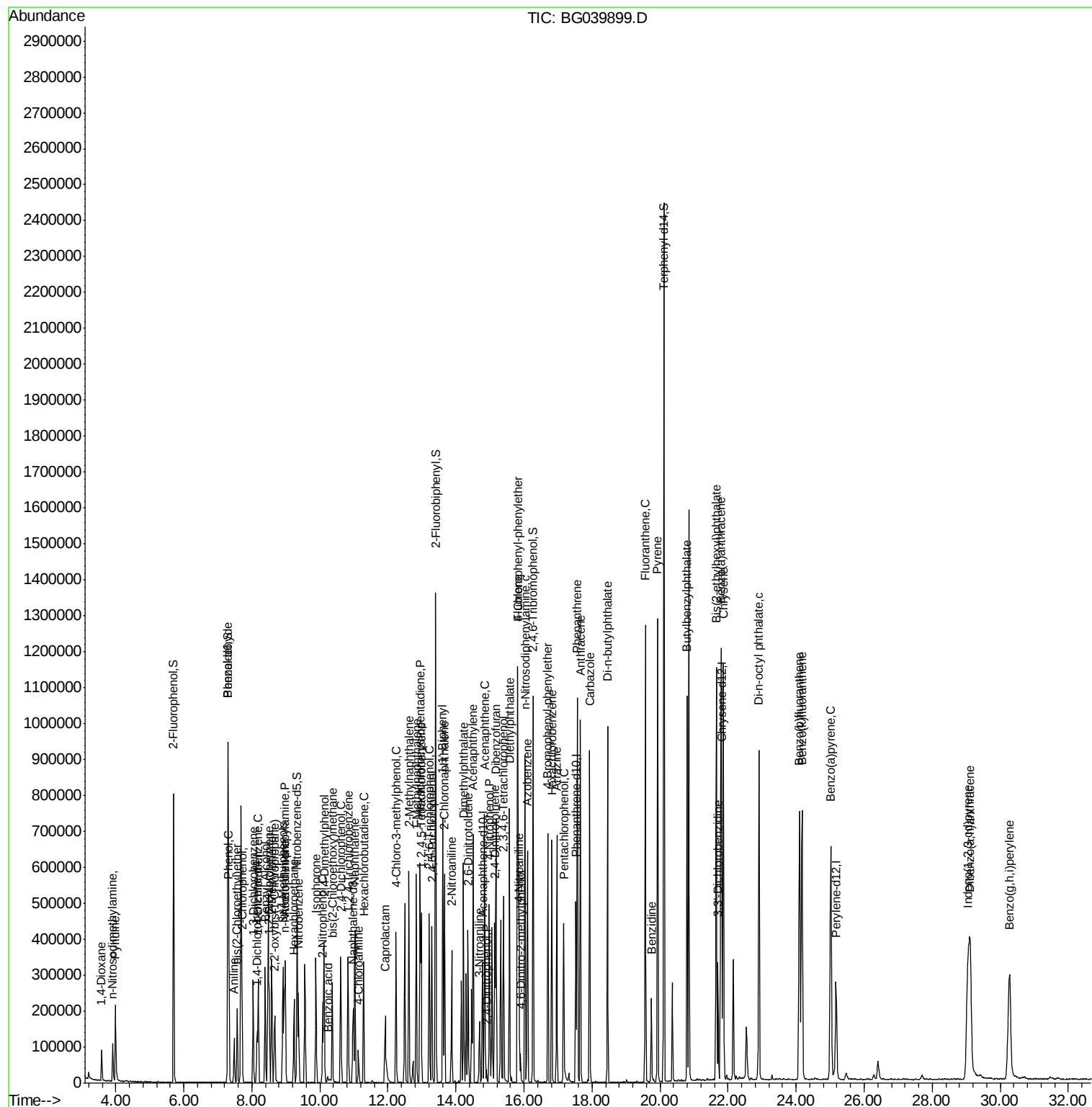
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	184543	84.061	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	110132	45.920	nq	98
44) 2,4,5-Trichlorophenol	13.29	196	120771	44.675	nq	98
46) 1,1'-Biphenyl	13.61	154	381926	38.401	nq	99
47) 2-Chloronaphthalene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

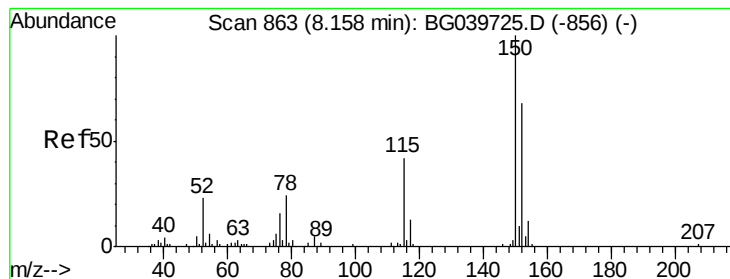
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

ClientSampleId :

PB117850BS

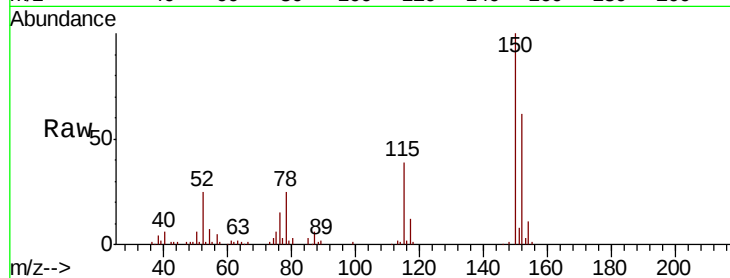
Tot Ion:152 Resp: 40392

Ion Ratio Lower Upper

152 100

150 160.4 123.7 185.5

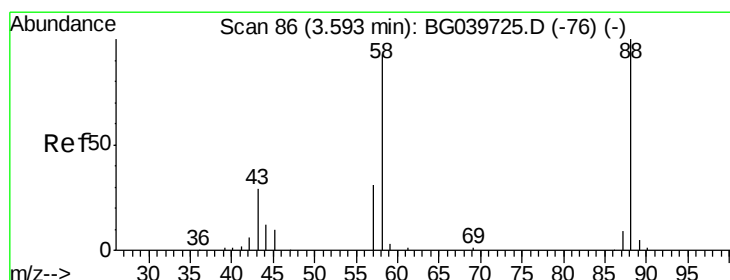
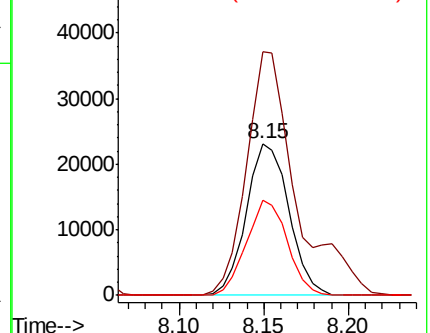
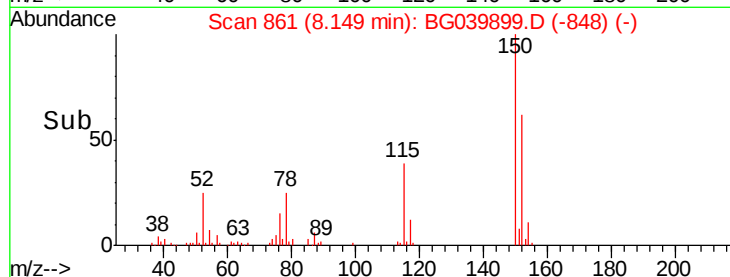
115 62.5 45.9 68.9



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

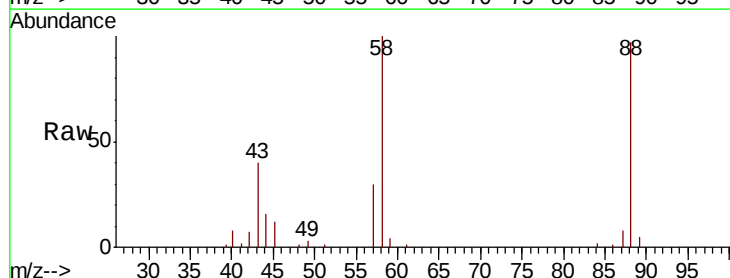
Tgt Ion: 88 Resp: 38102

Ion Ratio Lower Upper

88 100

58 99.6 81.1 121.7

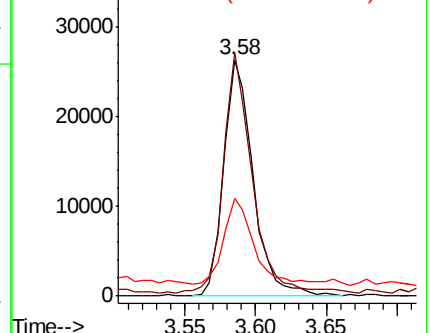
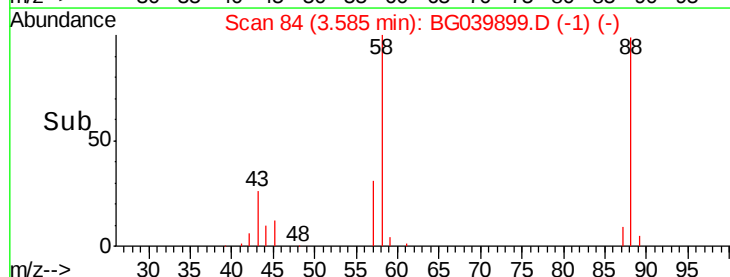
43 35.5 31.4 47.0



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 :

PB117850BS

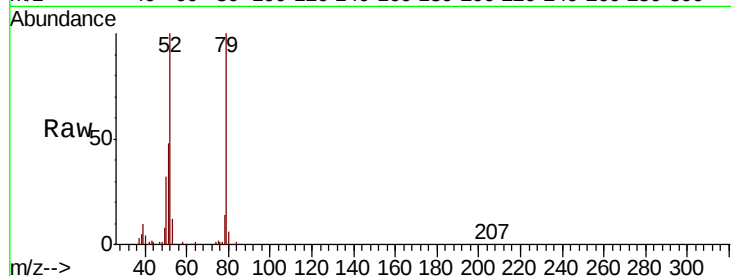
Tot Ion: 79 Resp: 104684

Ion Ratio Lower Upper

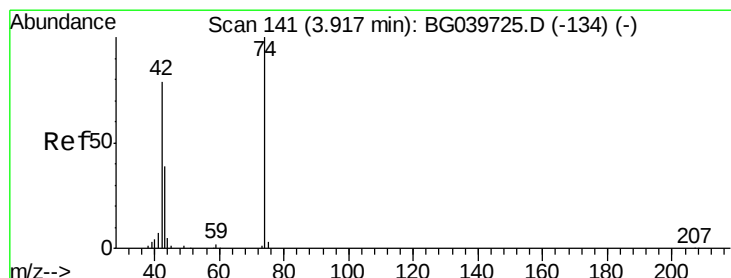
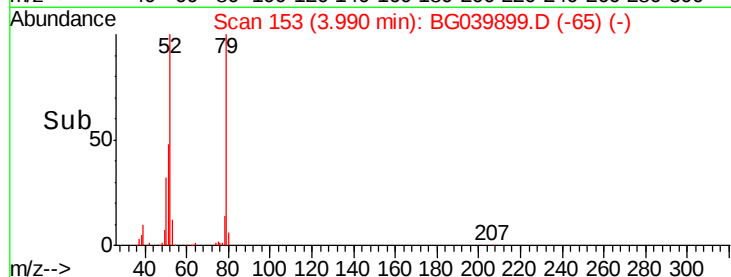
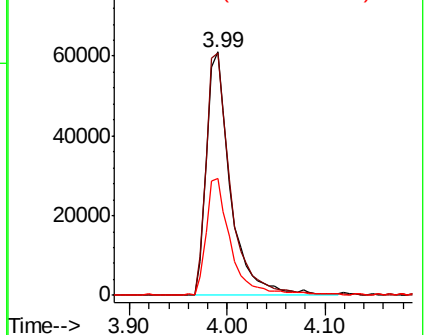
79 100

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

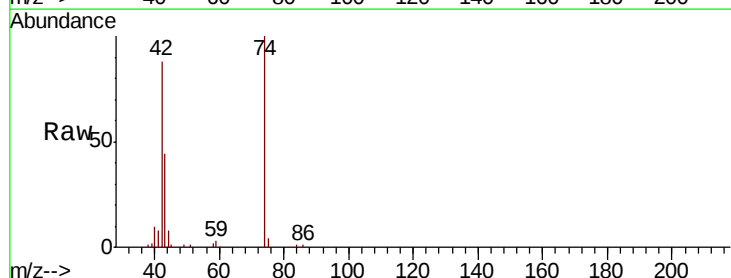
Tgt Ion: 42 Resp: 57934

Ion Ratio Lower Upper

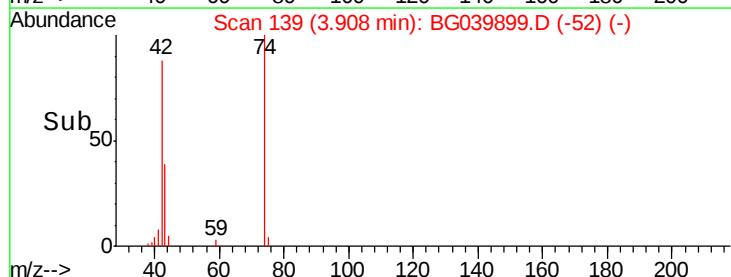
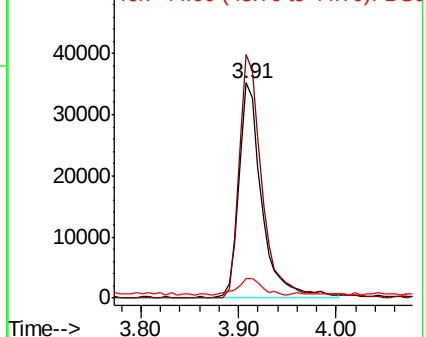
42 100

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

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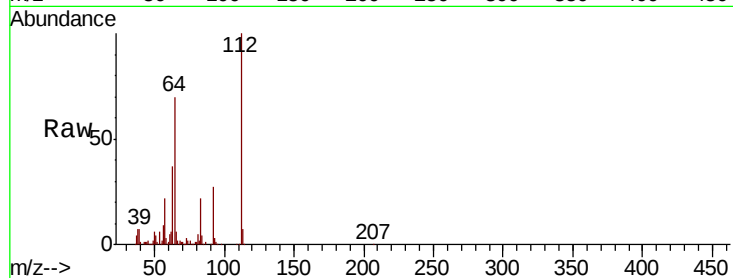
Tot Ion:112 Resp: 332924

Ion Ratio Lower Upper

112 100

64 69.7 57.8 86.8

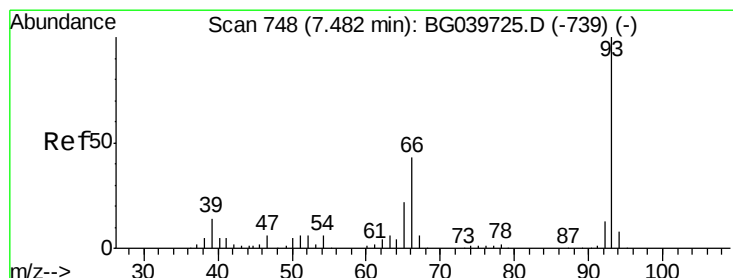
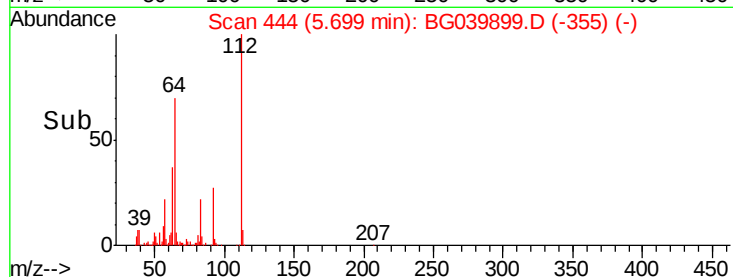
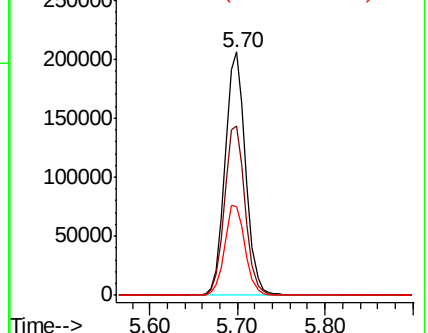
63 36.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E

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

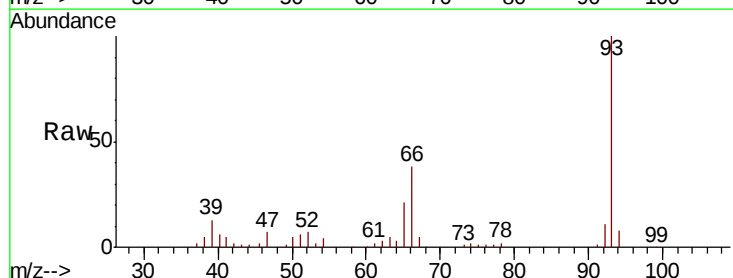
Tgt Ion: 93 Resp: 79162

Ion Ratio Lower Upper

93 100

66 37.8 34.2 51.4

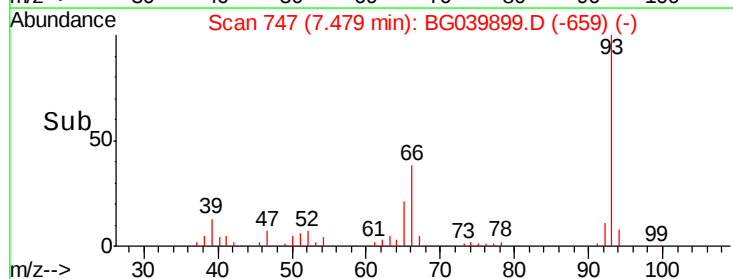
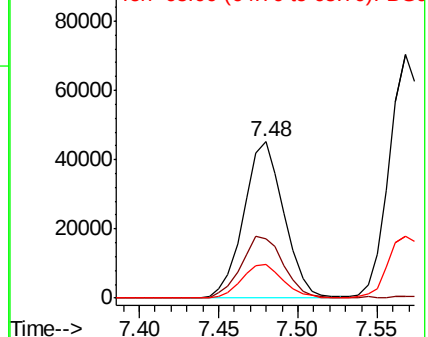
65 21.5 17.7 26.5



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

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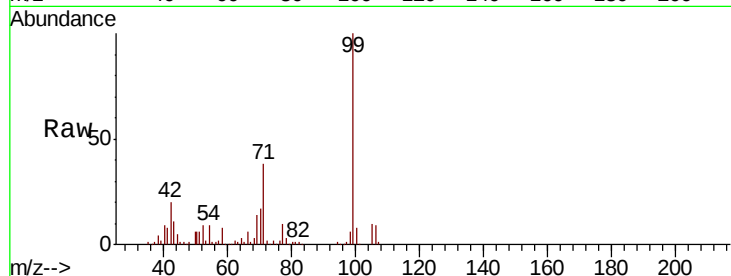
Tot Ion: 99 Resp: 478152

Ion Ratio Lower Upper

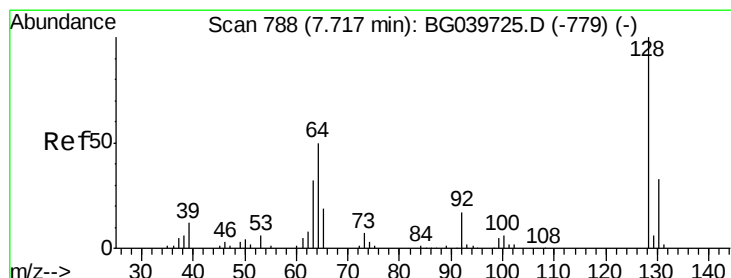
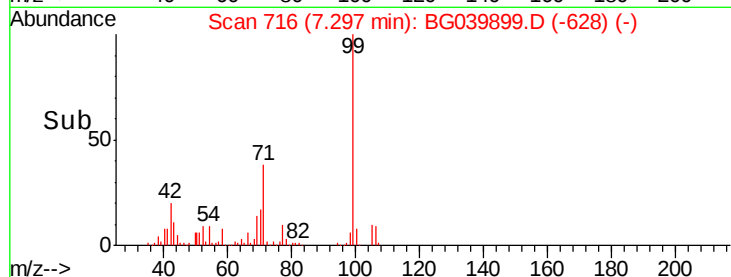
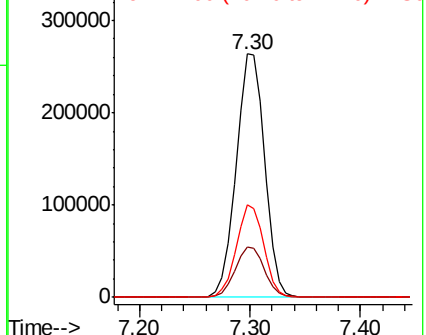
99 100

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

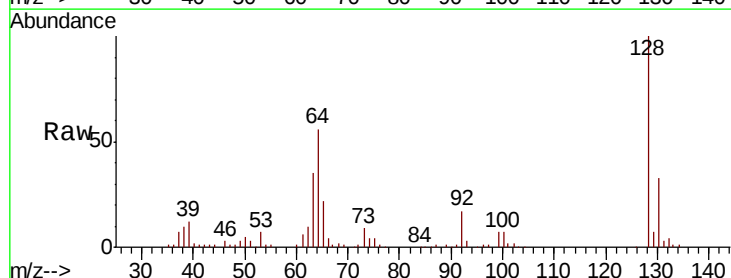
Tgt Ion:128 Resp: 115634

Ion Ratio Lower Upper

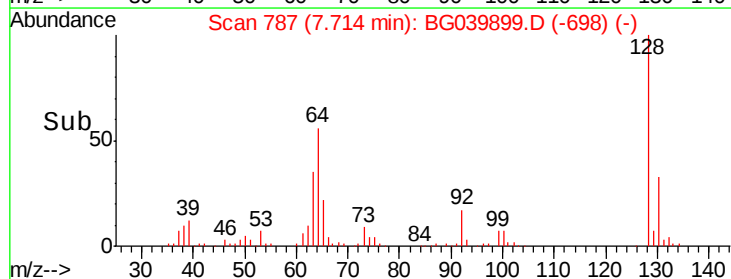
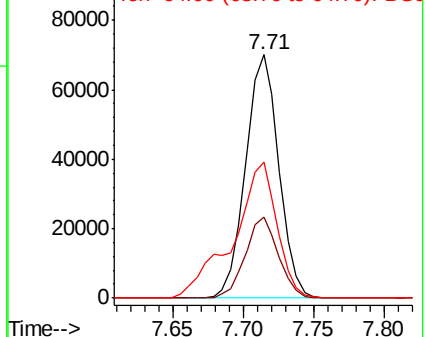
128 100

130 33.5 12.9 52.9

64 55.8 38.7 78.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
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

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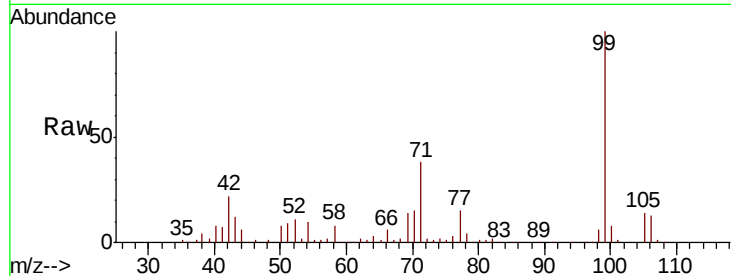
Tot Ion: 77 Resp: 52381

Ion Ratio Lower Upper

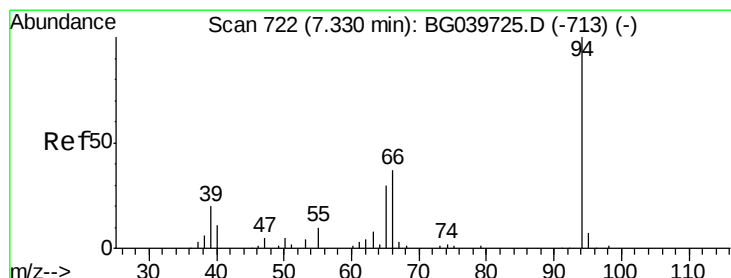
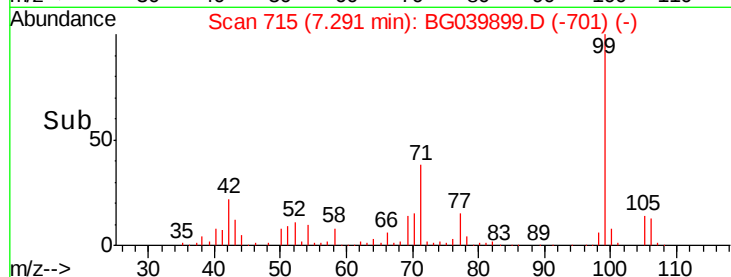
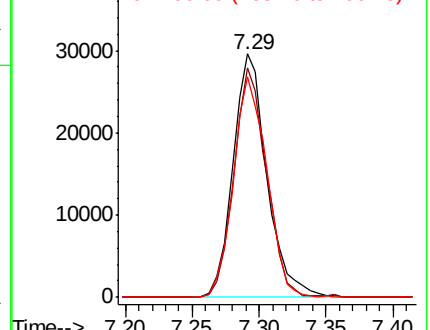
77 100

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

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Acq: 13 Mar 2019 8:05

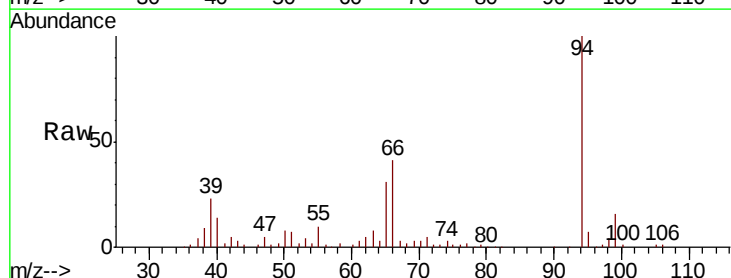
Tgt Ion: 94 Resp: 164833

Ion Ratio Lower Upper

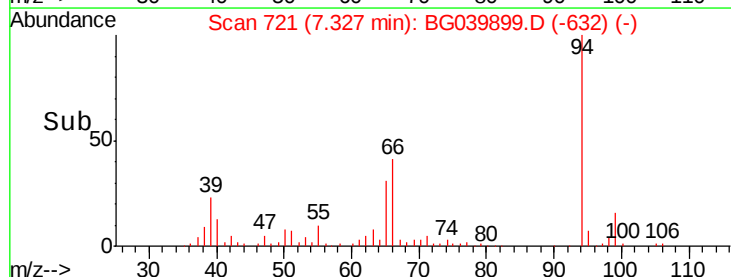
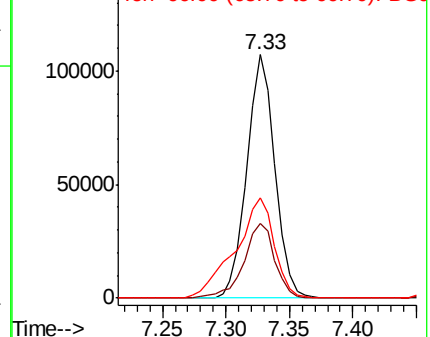
94 100

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

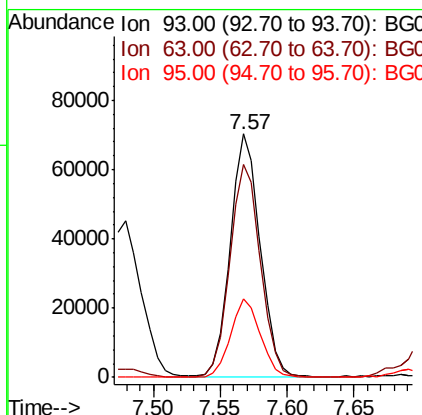
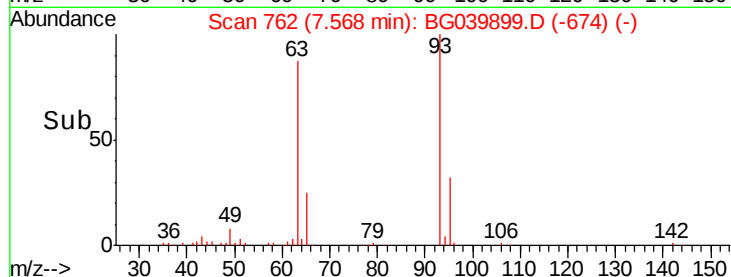
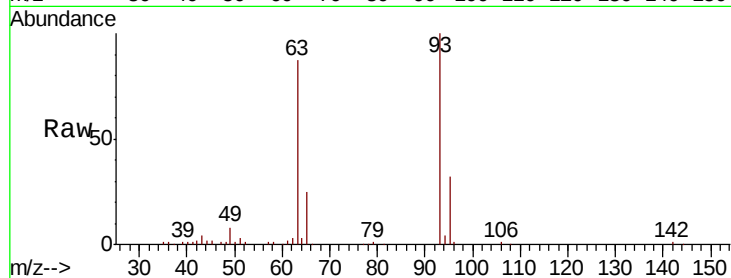




#11
 bis(2-Chloroethyl)ether
 Concen: 37.000 ng
 RT: 7.57 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

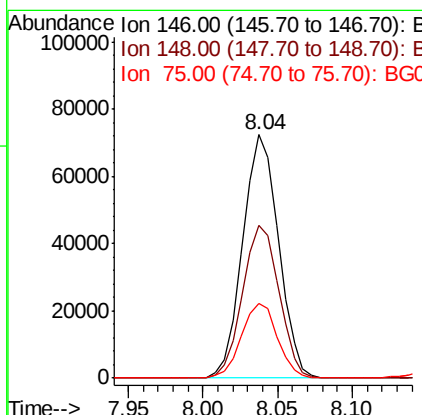
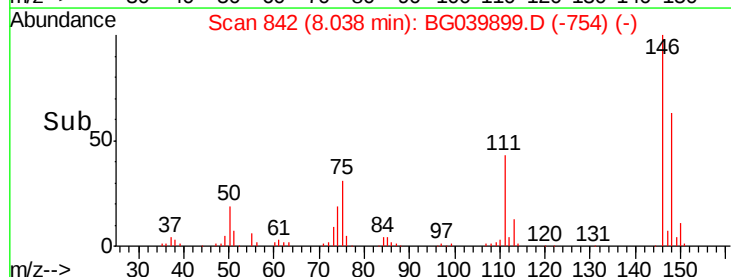
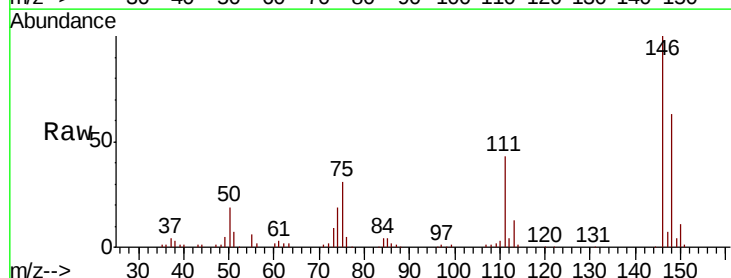
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

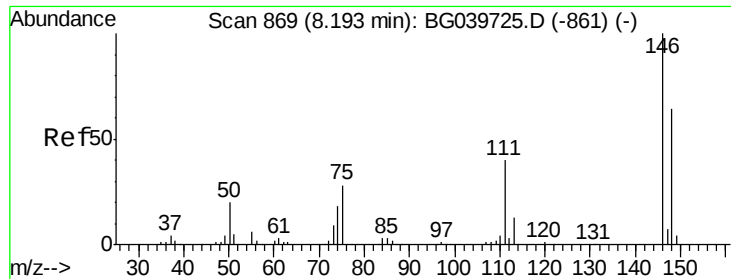
Tot Ion: 93 Resp: 110326
 Ion Ratio Lower Upper
 93 100
 63 87.3 69.5 109.5
 95 32.5 12.7 52.7



#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

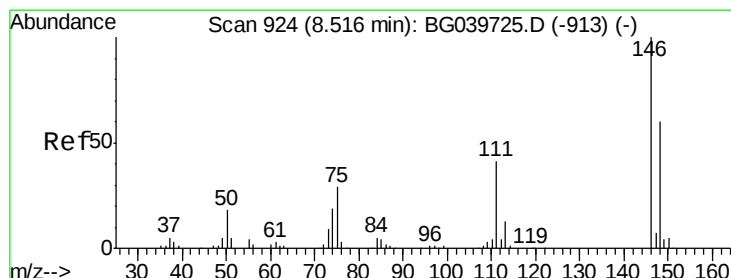
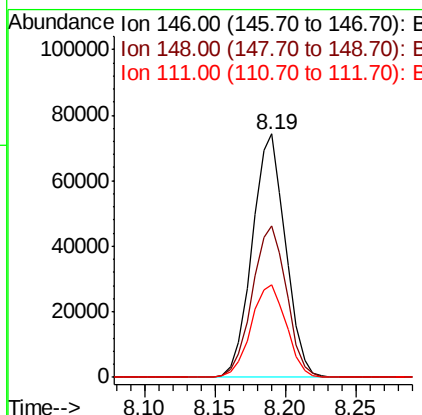
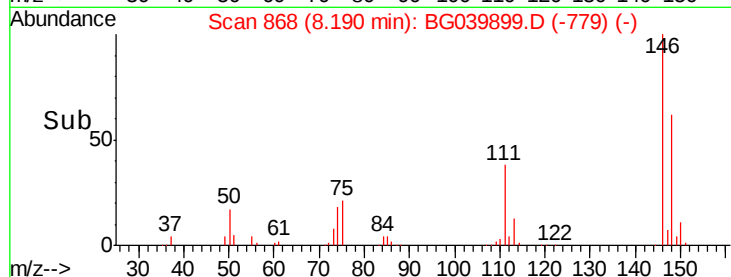
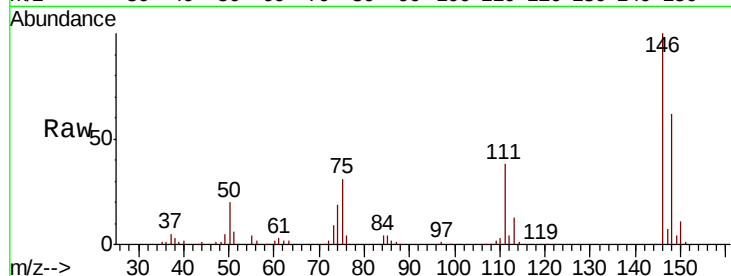




#13
 1,4-Dichlorobenzene
 Concen: 37.157 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

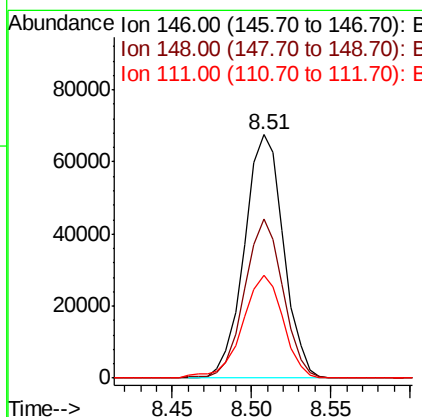
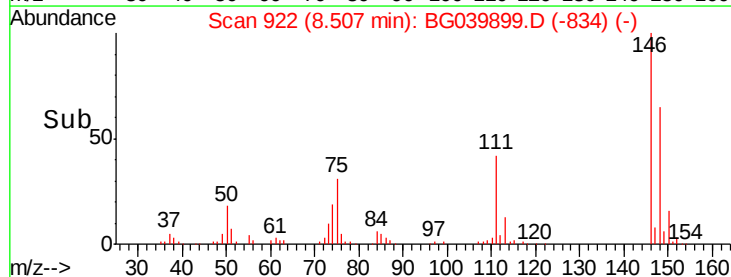
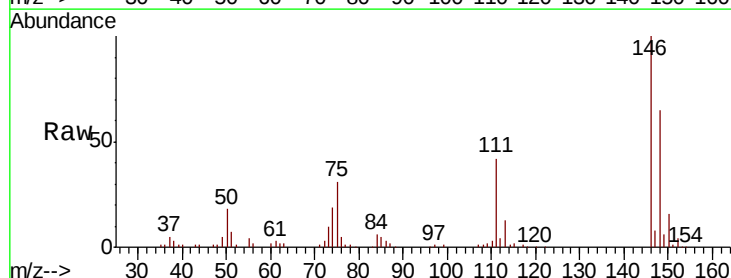
Instrument :
 BNA_G
 ClientSampleID :
 PB117850BS

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 :

PB117850BS

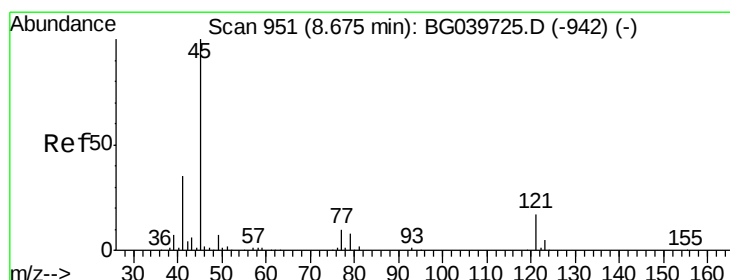
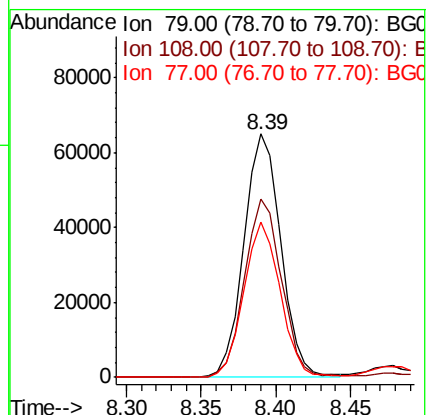
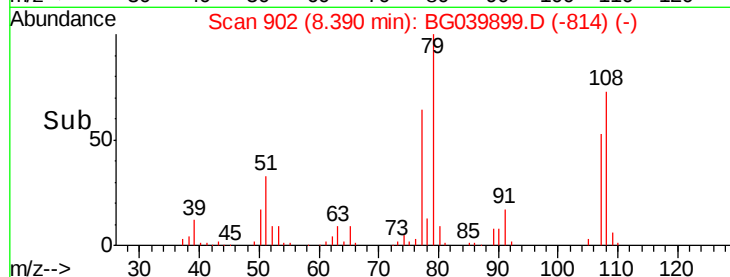
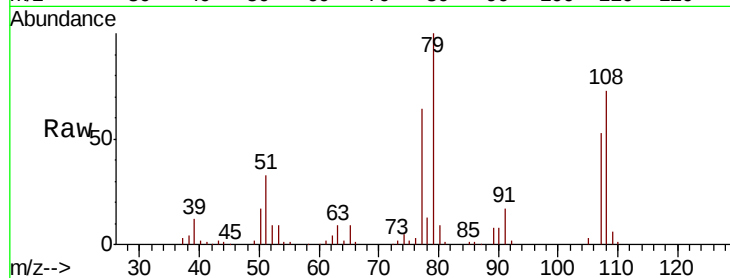
Tot Ion: 79 Resp: 111318

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

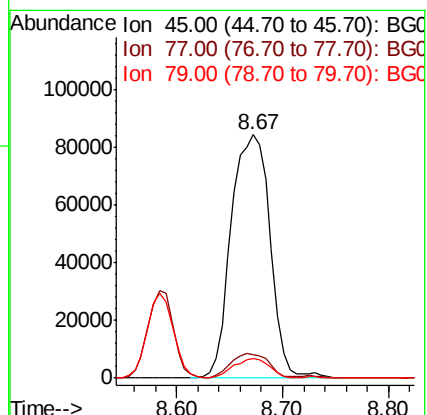
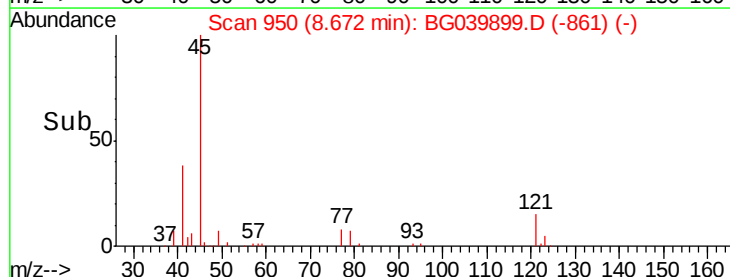
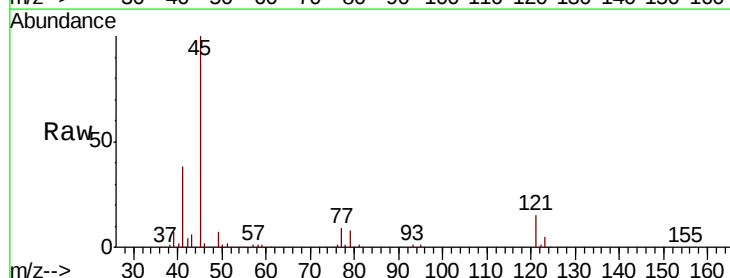
Tgt Ion: 45 Resp: 215474

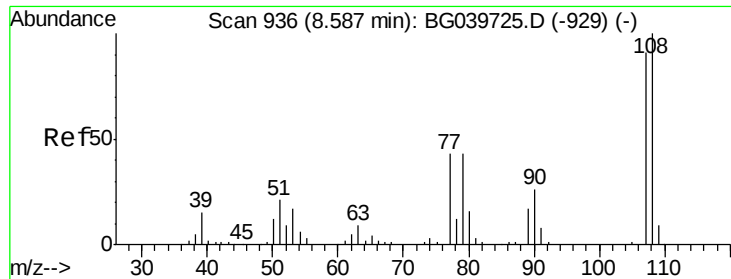
Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 8.3 0.0 27.5

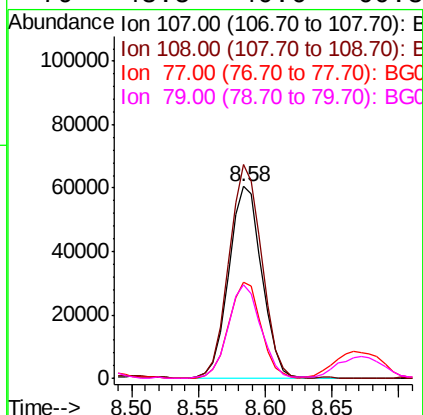
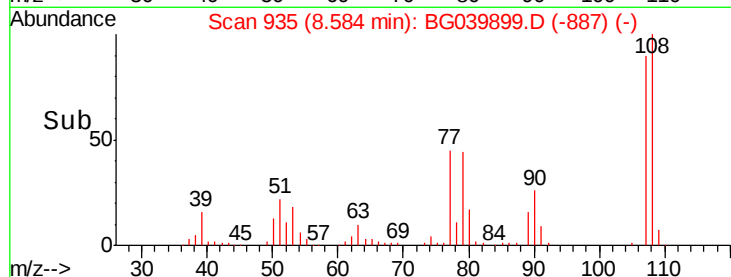
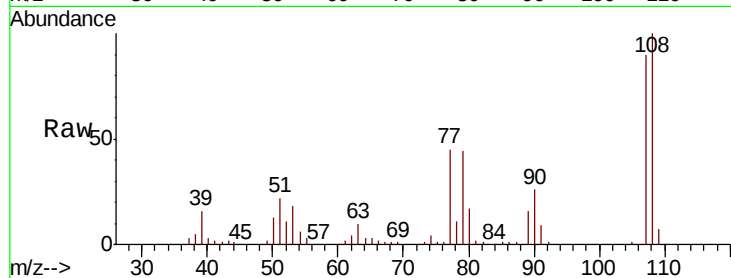




#17
2-Methylphenol
Concen: 42.839 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

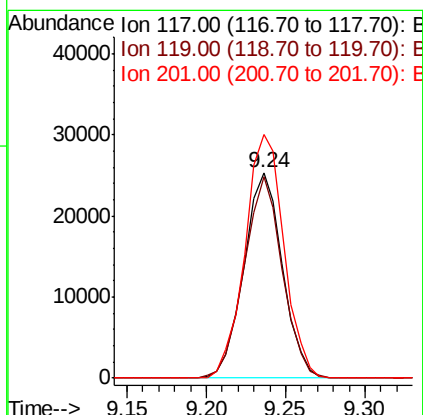
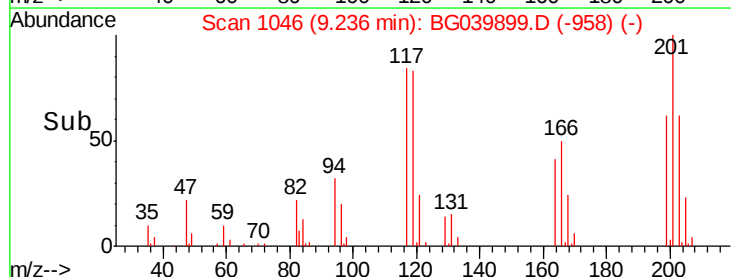
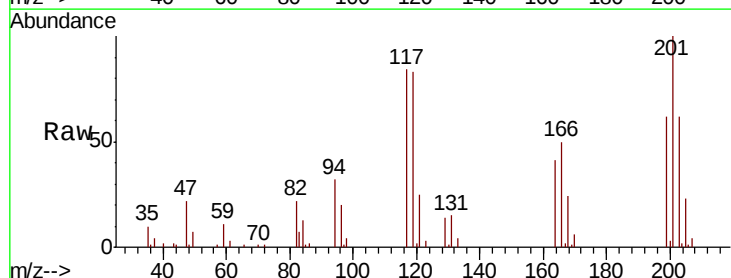
Instrument :
BNA_G
ClientSampleId :
PB117850BS

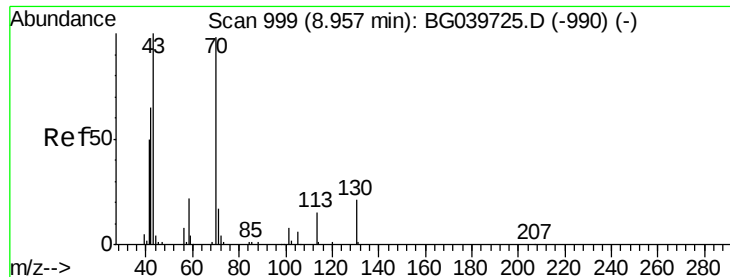
Tot Ion:	107	Resp:	104467
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.8	136.2
77	50.0	40.7	61.1
79	48.5	40.6	60.8



#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:	117	Resp:	42670
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.3	114.5
201	118.4	91.1	136.7

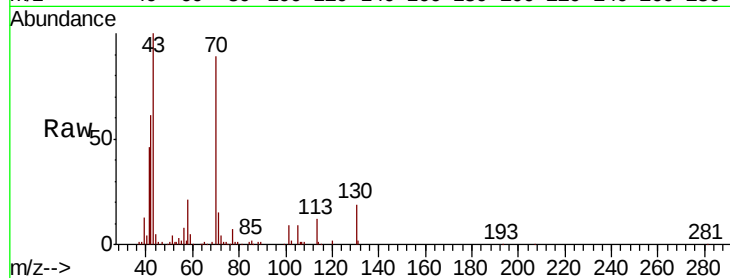




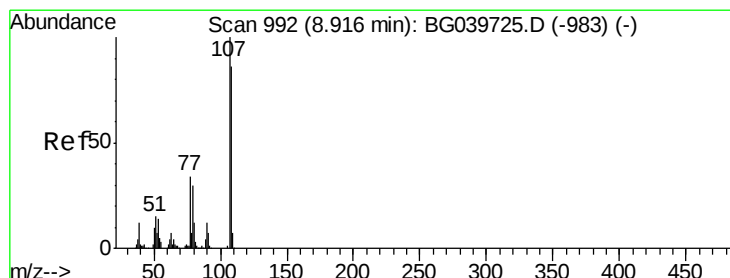
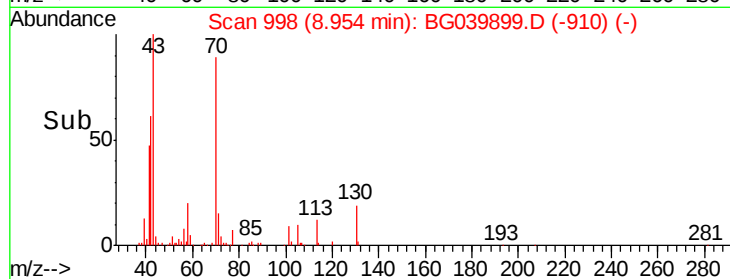
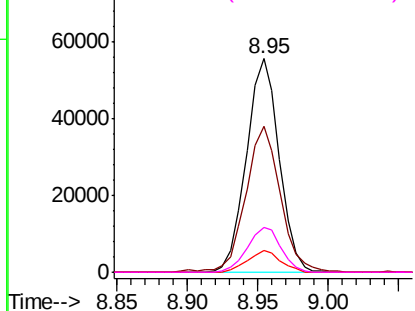
#19
n-Nitroso-di-n-propylamine
Concen: 35.542 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :
PB117850BS

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

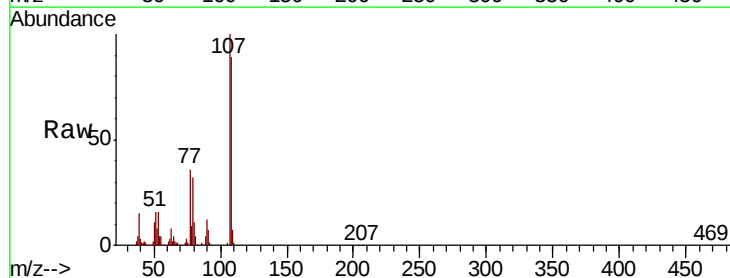


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

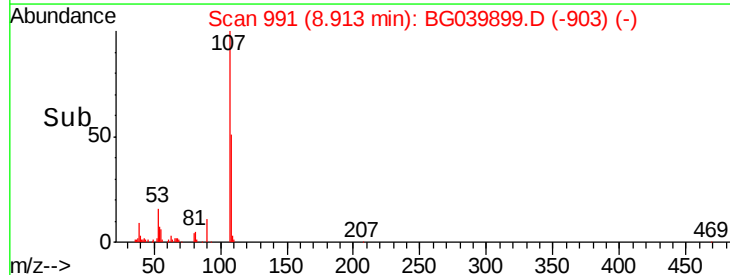
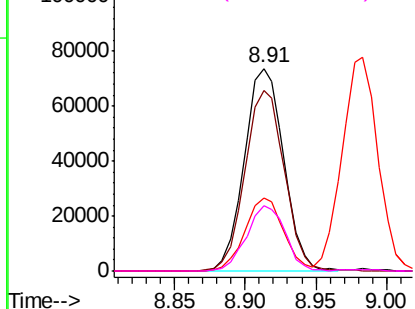


#20
3+4-Methylphenols
Concen: 42.339 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

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



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

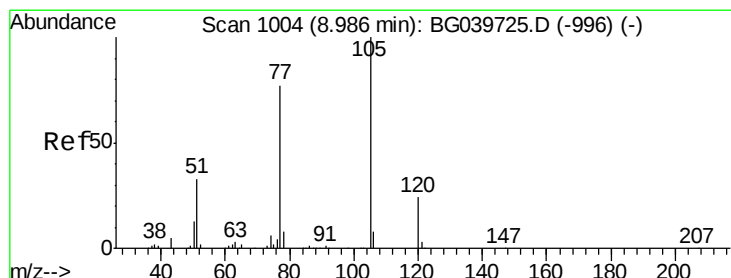
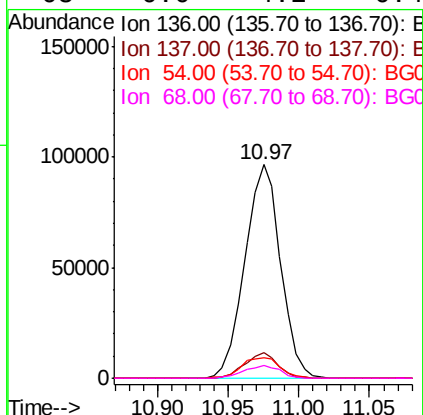
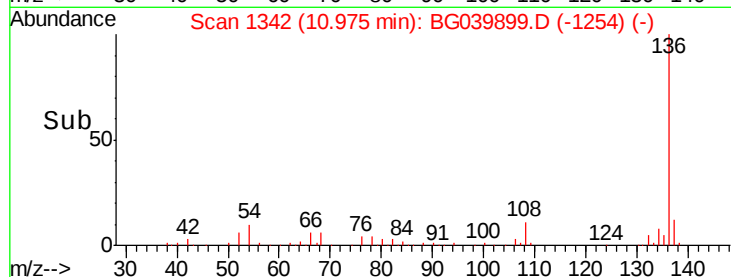
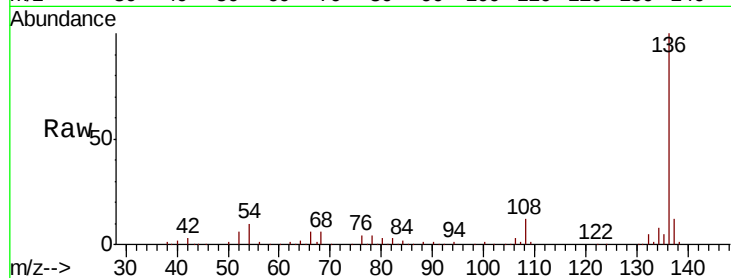




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

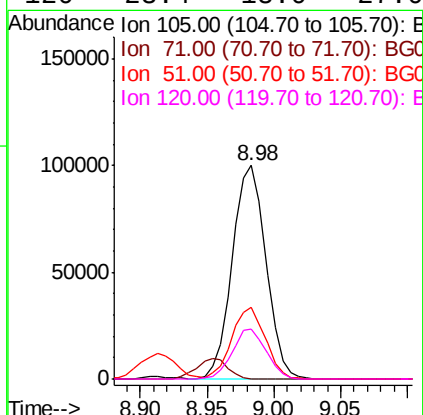
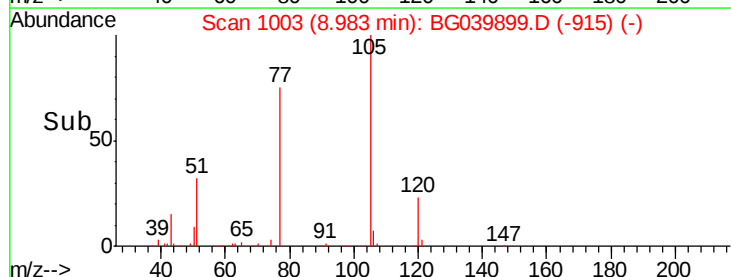
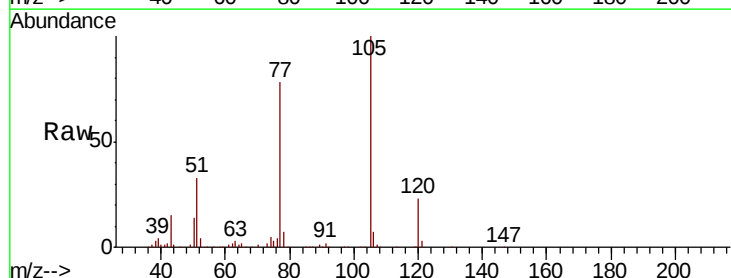
Instrument :
BNA_G
ClientSampleId :
PB117850BS

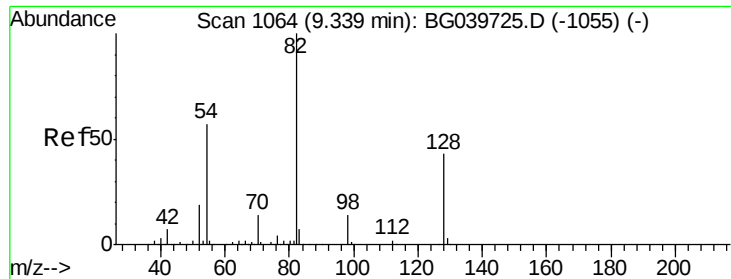
Tot Ion:136	Resp:	170696
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.1 13.7
54	9.9	9.4 14.2
68	6.0	4.2 6.4



#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

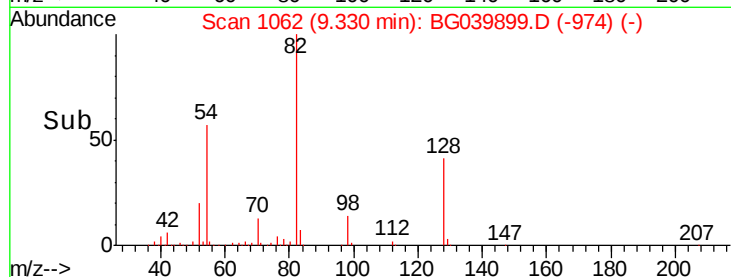
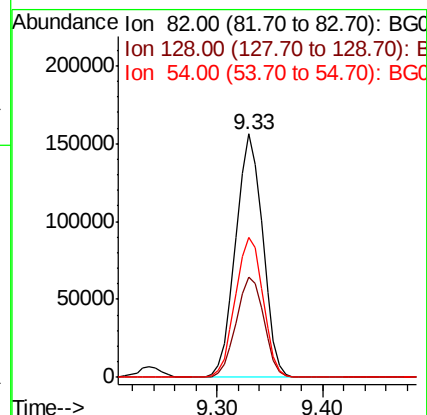
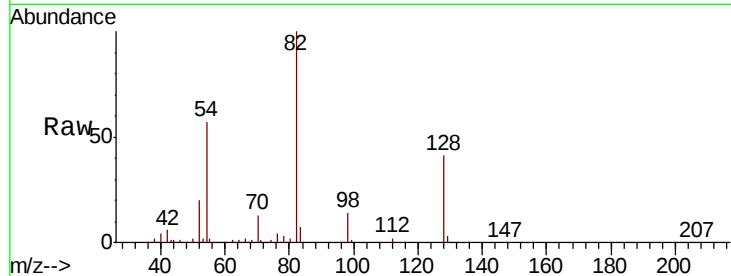




#23
Nitrobenzene-d5
Concen: 87.709 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

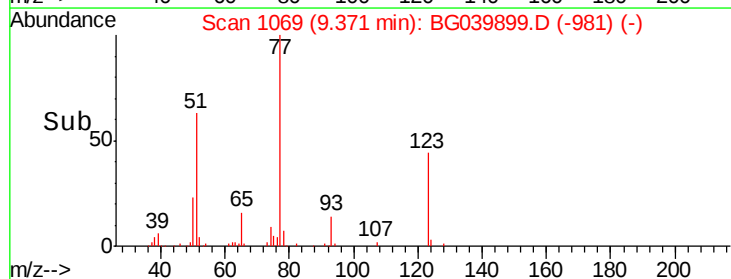
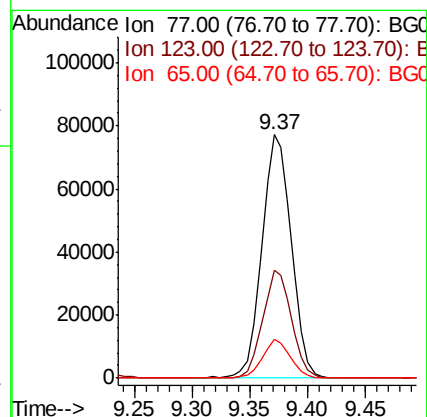
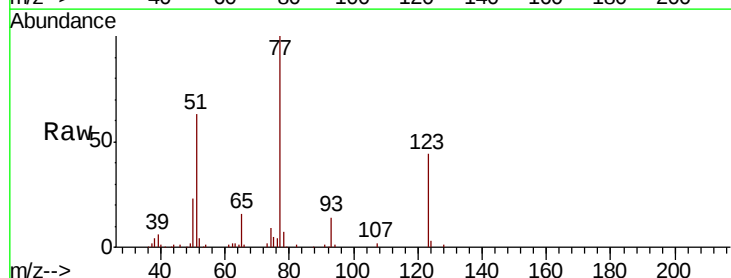
Instrument :
BNA_G
ClientSampleId :
PB117850BS

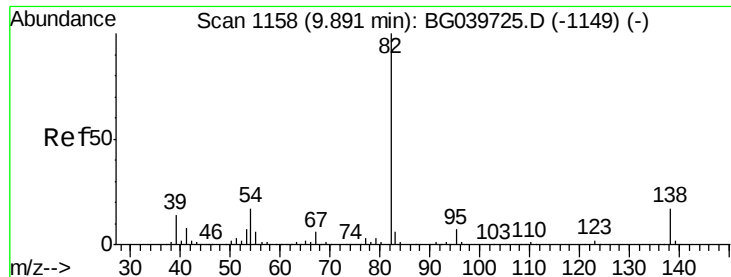
Tot Ion	82	Resp	276820
Ion Ratio	Lower	Upper	
82	100		
128	41.2	31.3	46.9
54	57.5	50.9	76.3



#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

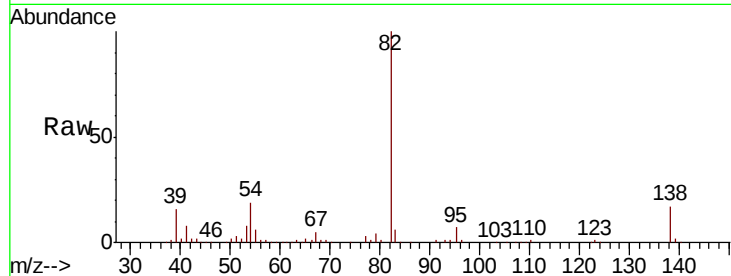




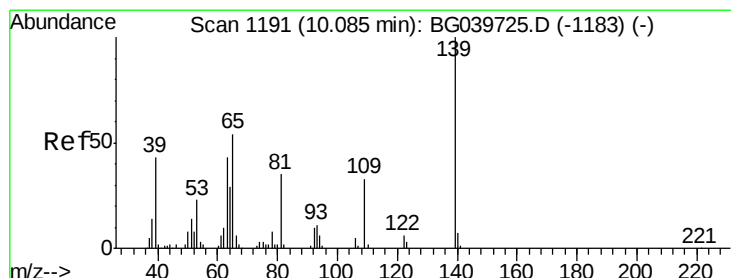
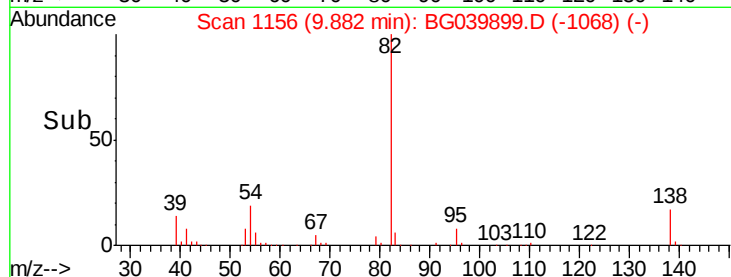
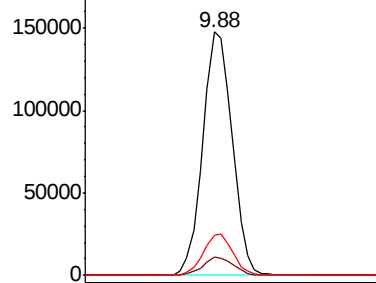
#25
Isophorone
Concen: 39.422 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :
PB117850BS

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

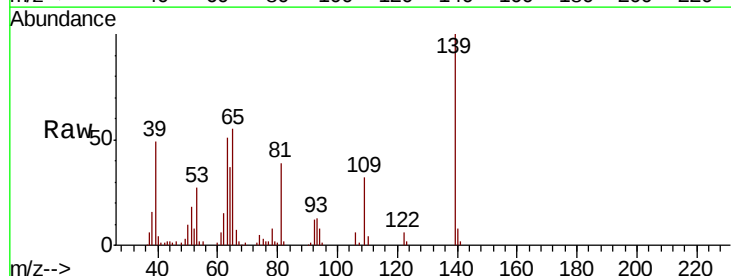


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

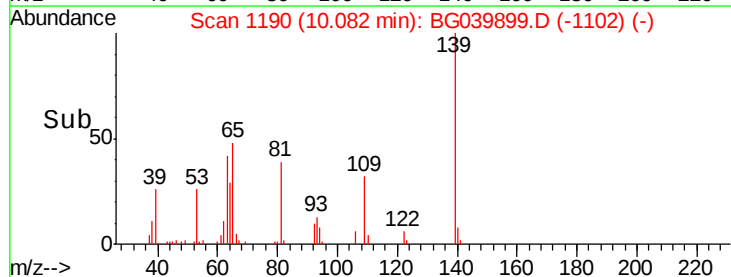
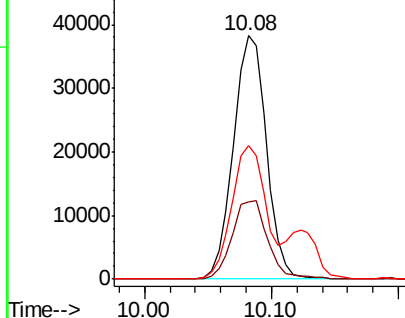


#26
2-Nitrophenol
Concen: 43.090 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

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): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

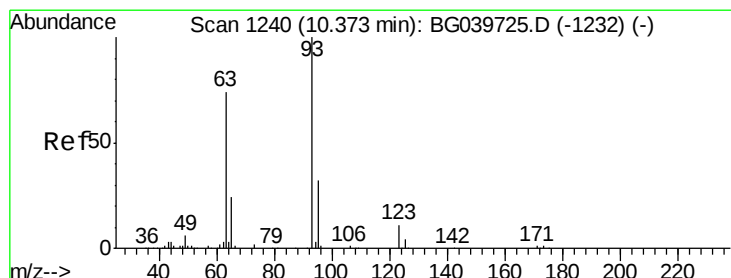
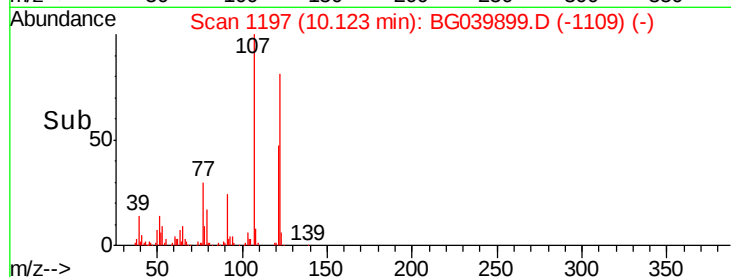
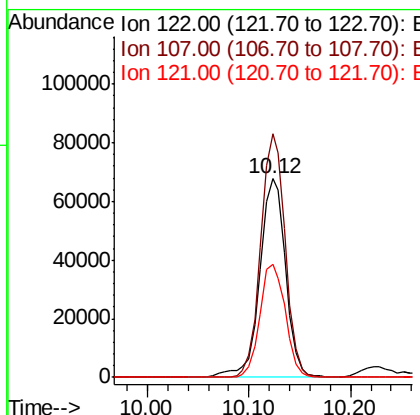
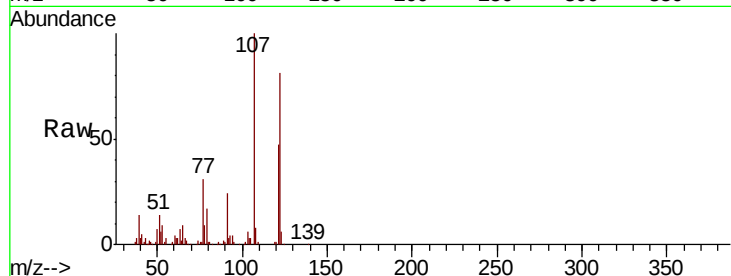




#27
2,4-Dimethylphenol
Concen: 48.670 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

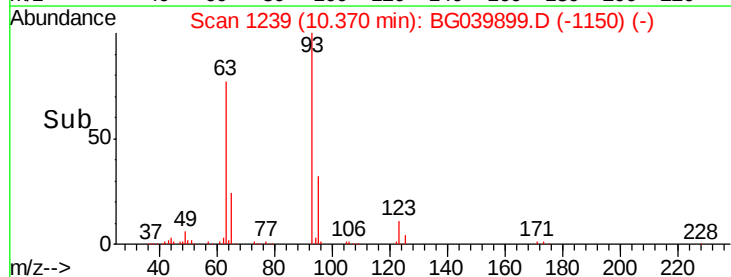
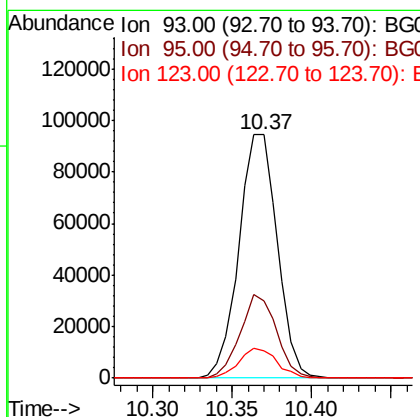
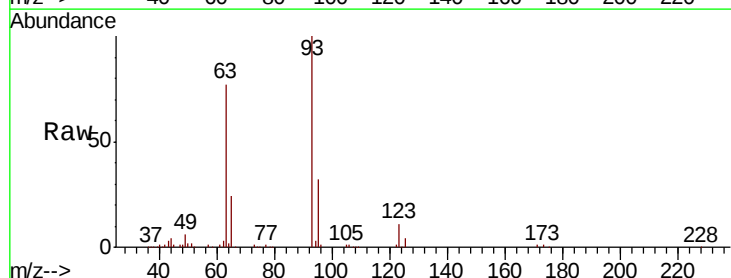
Instrument :
BNA_G
ClientSampleId :
PB117850BS

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

ClientSampleId :

PB117850BS

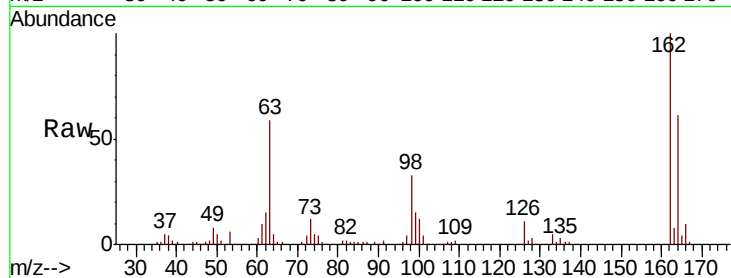
Tot Ion:162 Resp: 136042

Ion Ratio Lower Upper

162 100

164 61.2 48.1 88.1

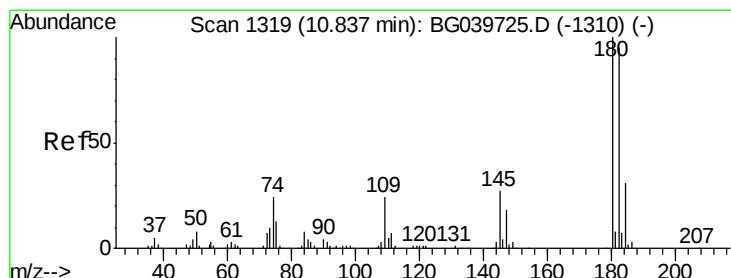
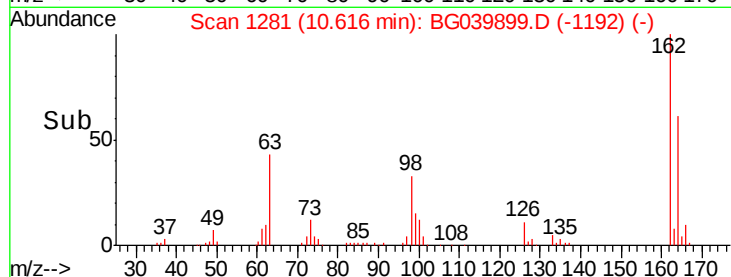
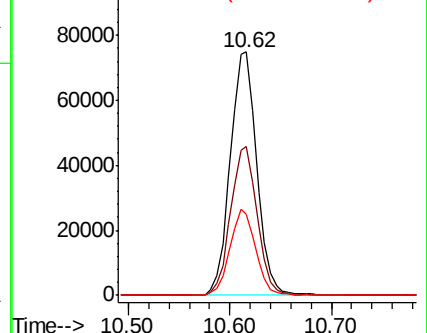
98 33.4 18.1 58.1



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

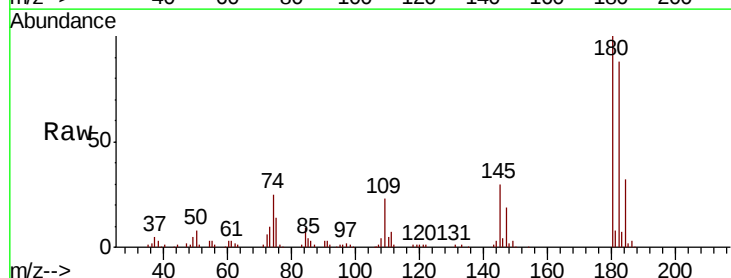
Tgt Ion:180 Resp: 127352

Ion Ratio Lower Upper

180 100

182 87.6 76.0 114.0

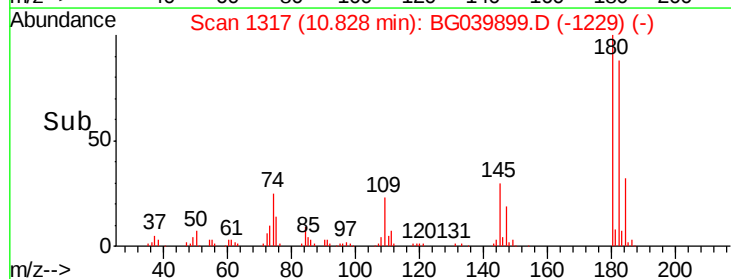
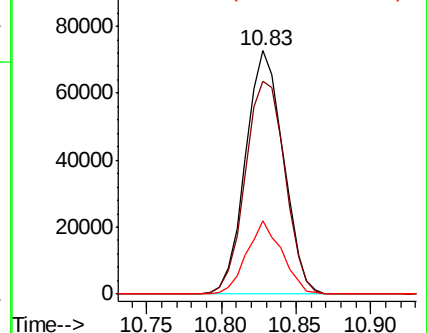
145 30.2 22.7 34.1

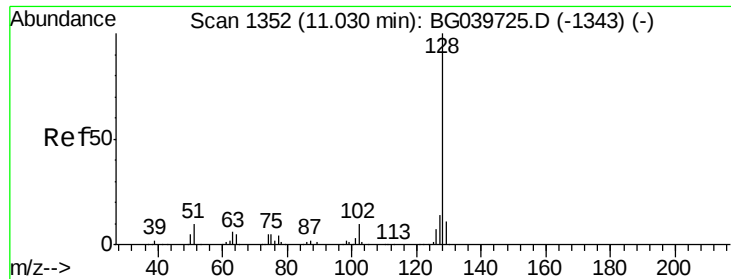


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

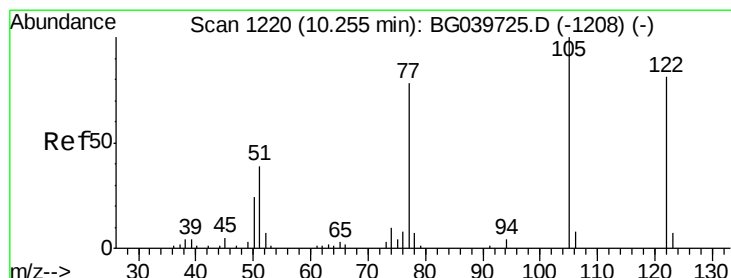
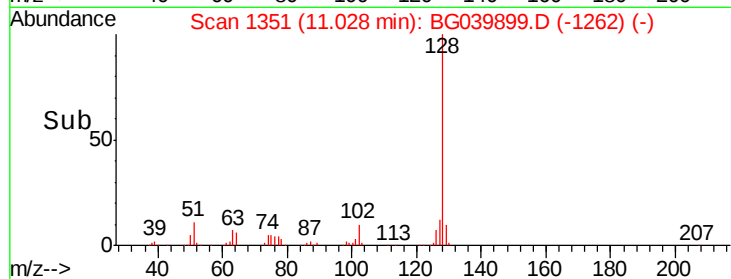
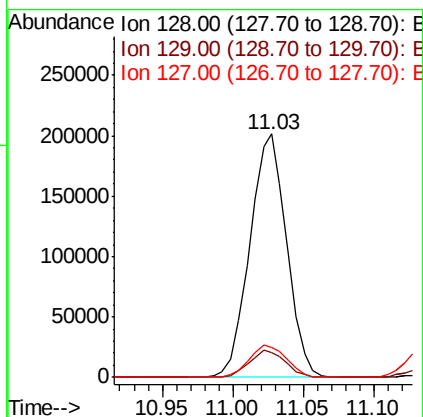
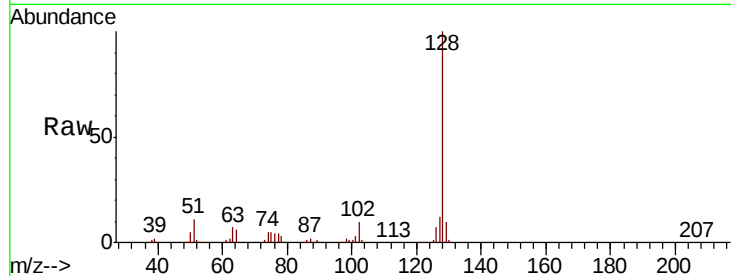




#31
Naphthalene
Concen: 40.566 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

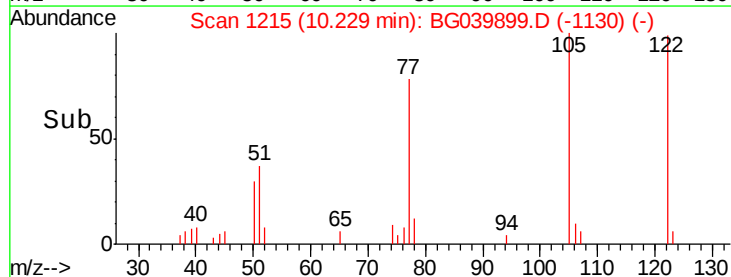
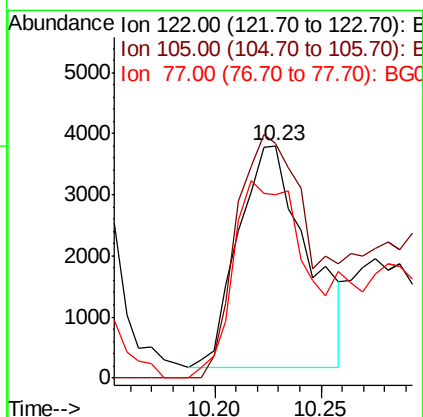
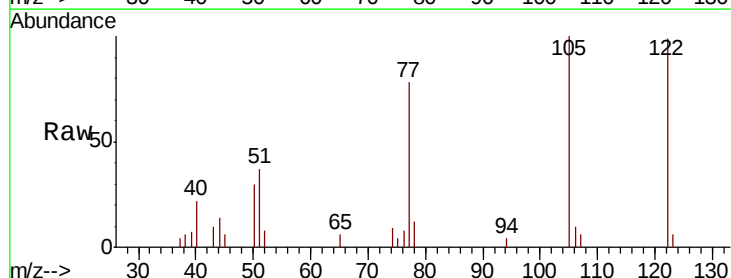
Instrument :
BNA_G
ClientSampled :
PB117850BS

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

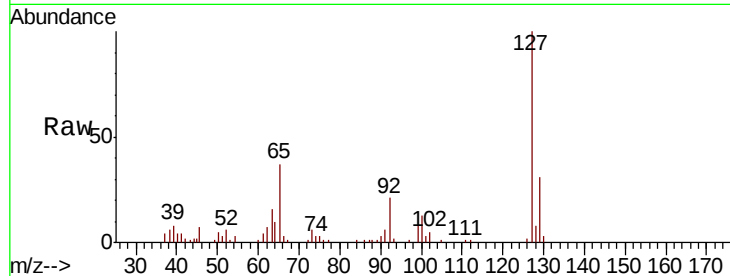




#33
4-Chloroaniline
Concen: 12.421 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :
PB117850BS

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



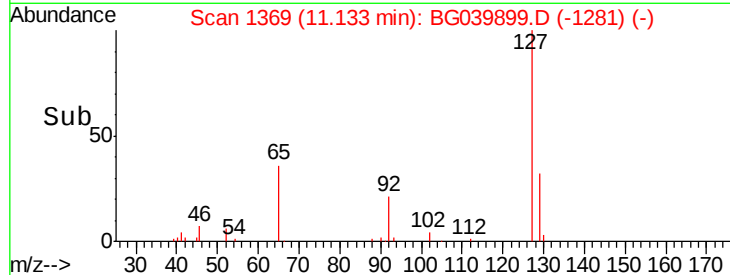
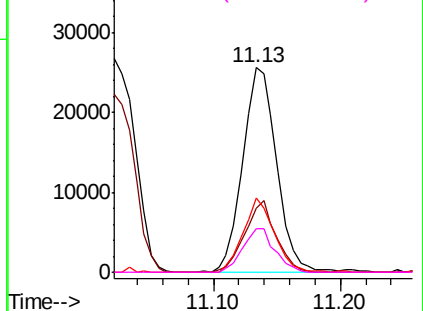
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

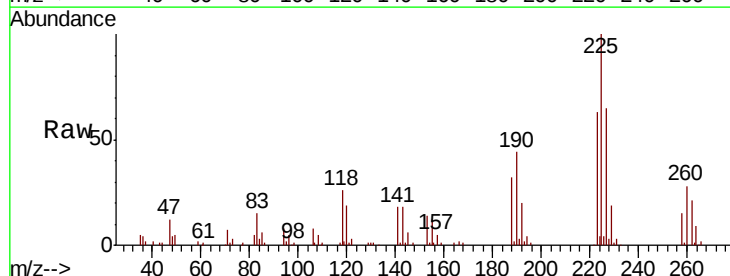
Ion 65.00 (64.70 to 65.70): BGC

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

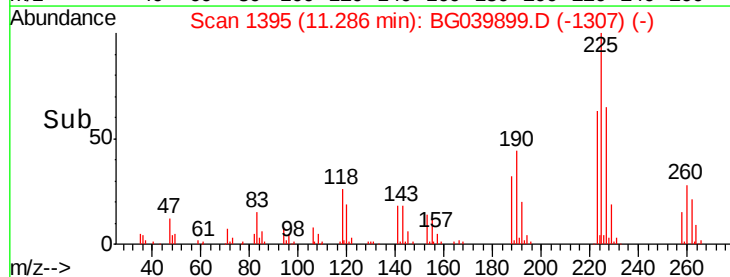
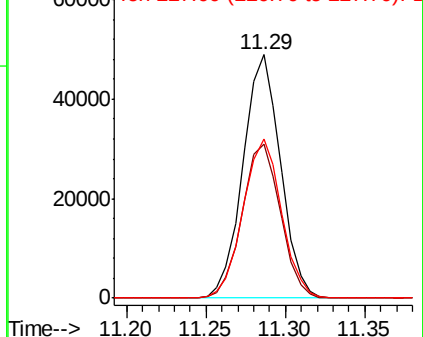


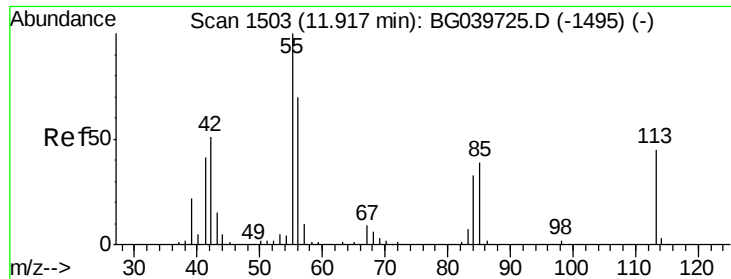
Abundance

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

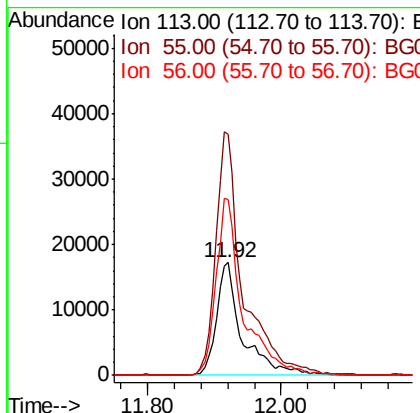
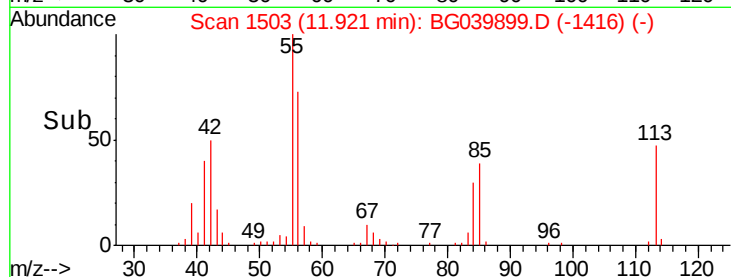
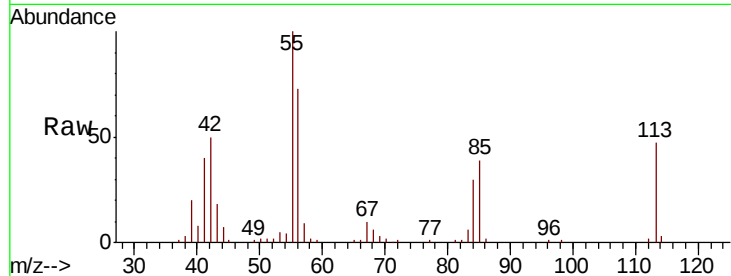




#35
 Caprolactam
 Concen: 43.440 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

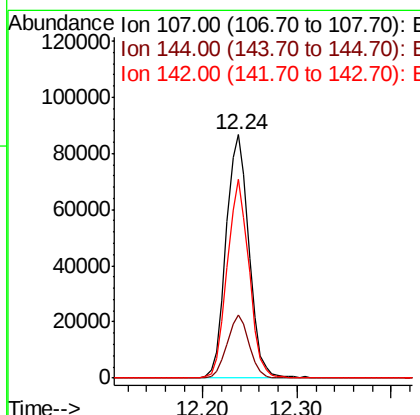
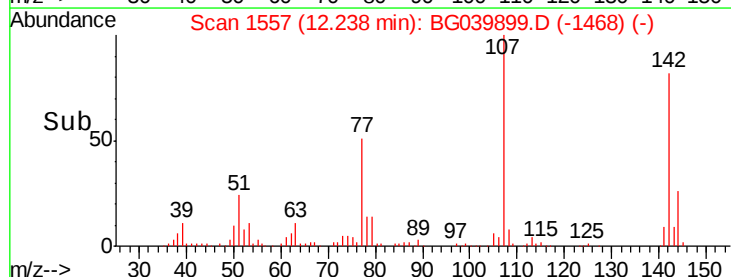
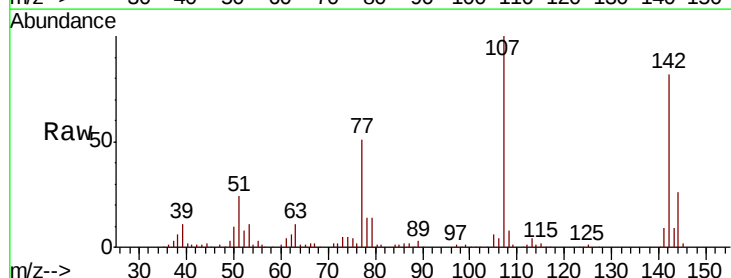
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

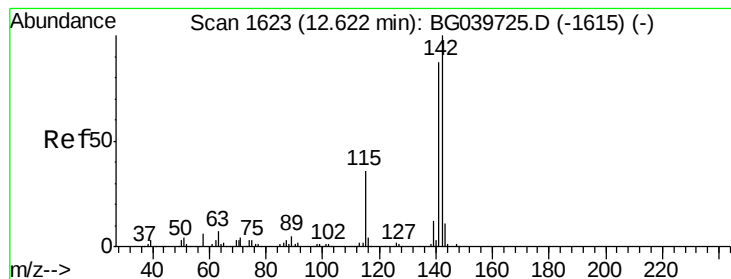
Tot Ion:113 Resp: 46451
 Ion Ratio Lower Upper
 113 100
 55 213.8 216.9 256.9#
 56 155.9 152.6 192.6



#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 :

PB117850BS

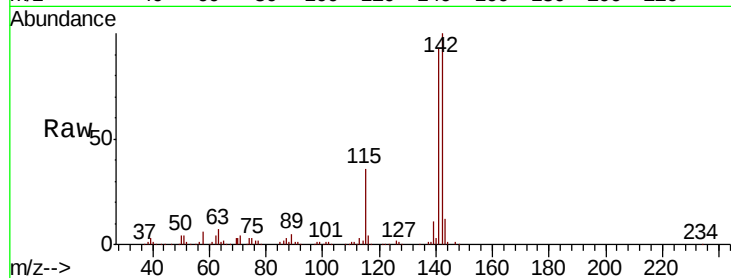
Tot Ion:142 Resp: 282878

Ion Ratio Lower Upper

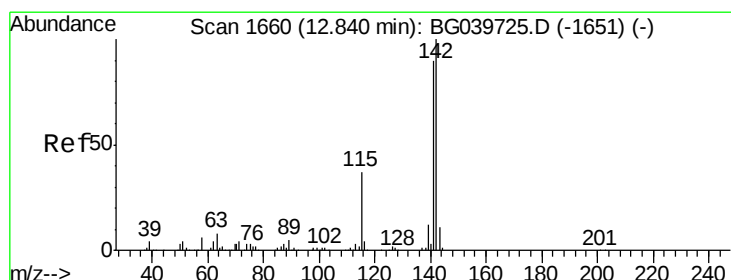
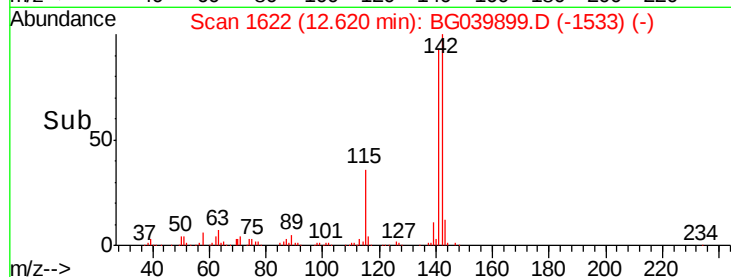
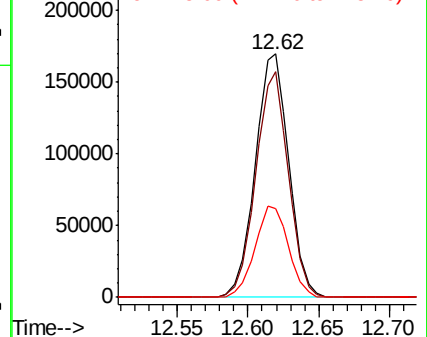
142 100

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

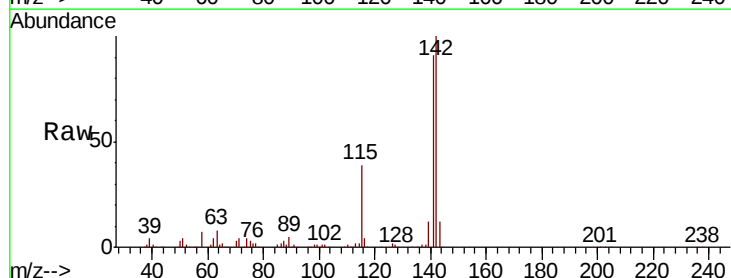
Tgt Ion:142 Resp: 269865

Ion Ratio Lower Upper

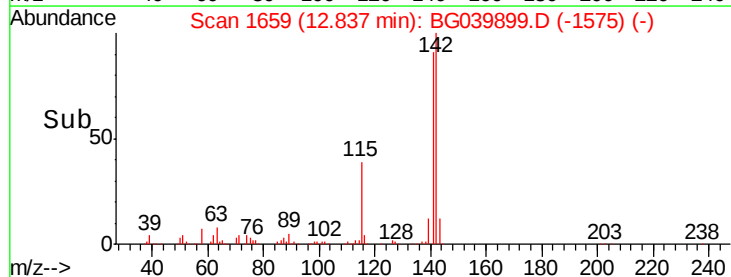
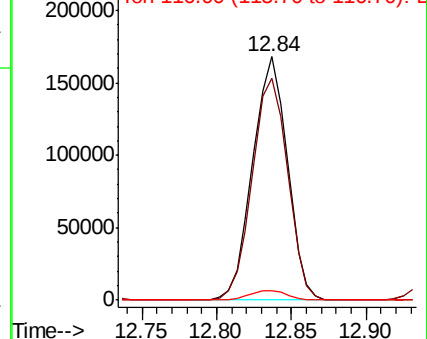
142 100

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

ClientSampleId :

PB117850BS

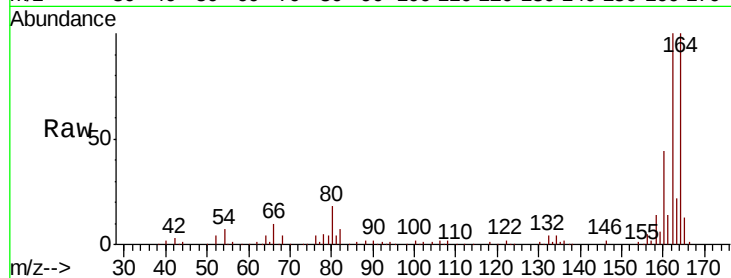
Tot Ion:164 Resp: 120922

Ion Ratio Lower Upper

164 100

162 100.2 81.6 122.4

160 44.1 34.2 51.2

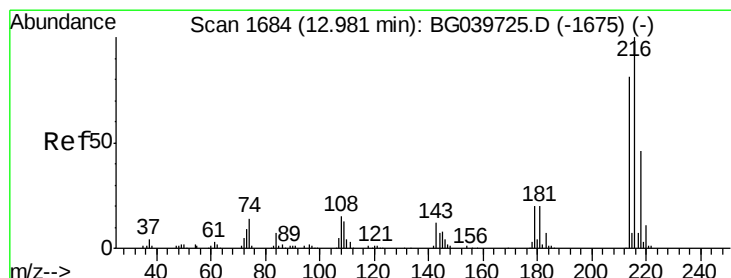
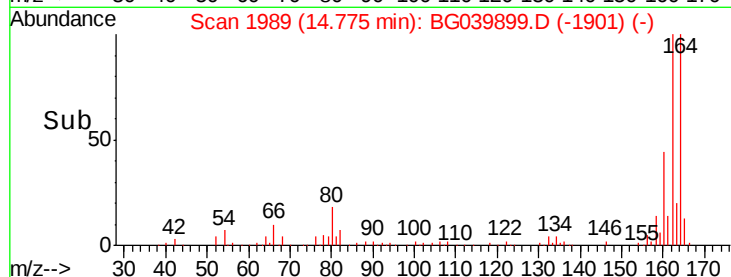
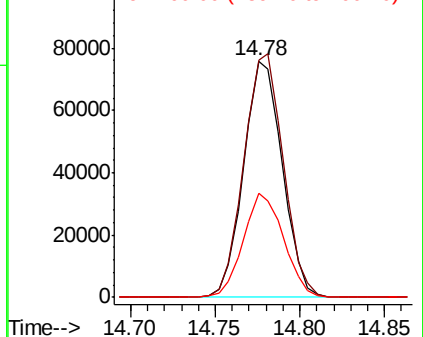


Abundance

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

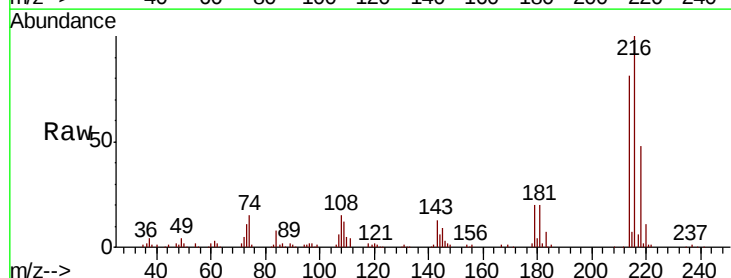
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.4 16.6 25.0

108 18.2 14.0 21.0



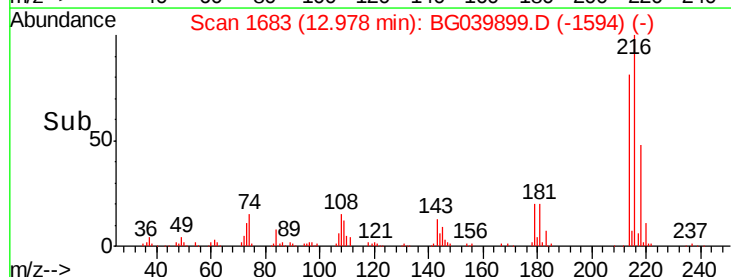
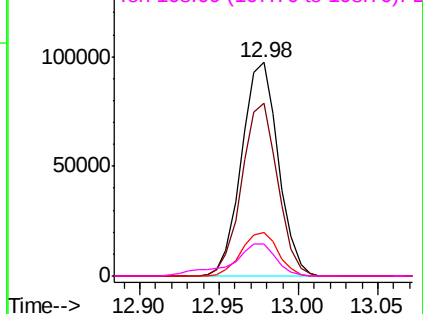
Abundance

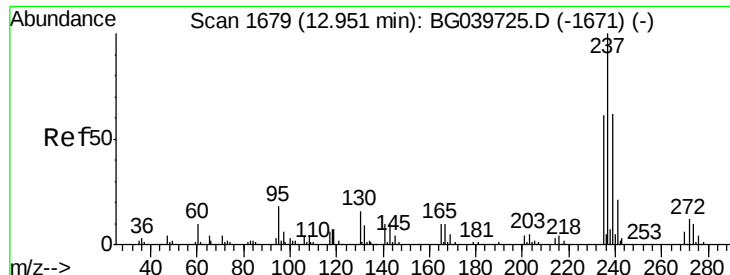
Ion 216.00 (215.70 to 216.70): E

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 :

PB117850BS

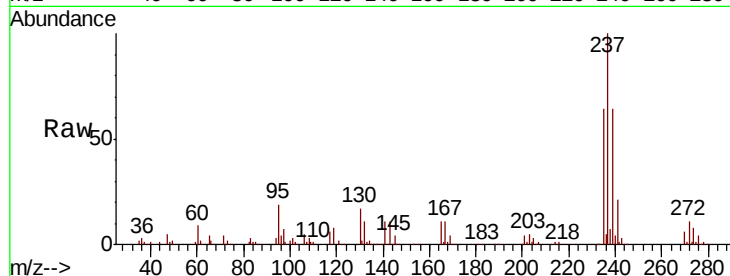
Tot Ion:237 Resp: 184543

Ion Ratio Lower Upper

237 100

235 63.6 43.3 83.3

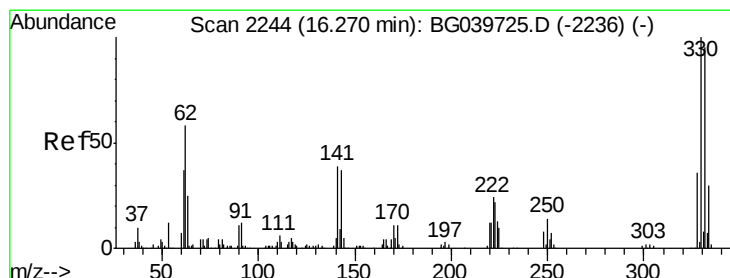
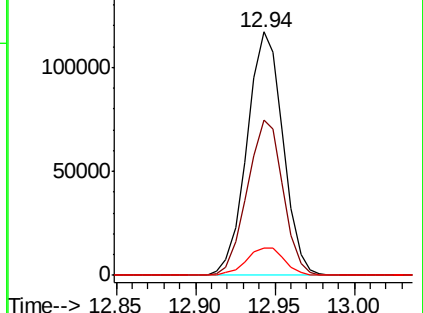
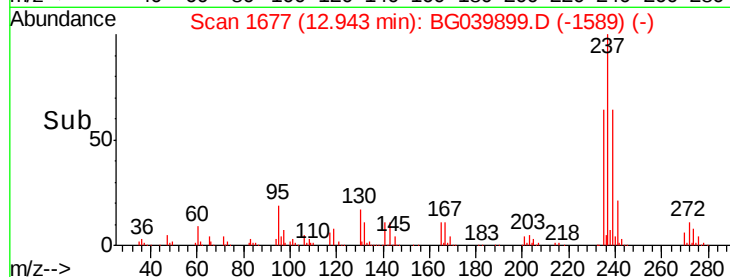
272 11.1 0.0 32.3



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

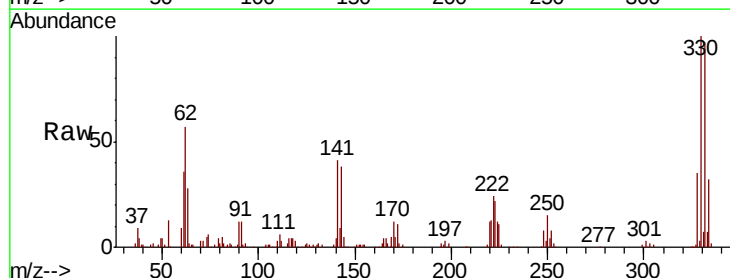
Tgt Ion:330 Resp: 191217

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

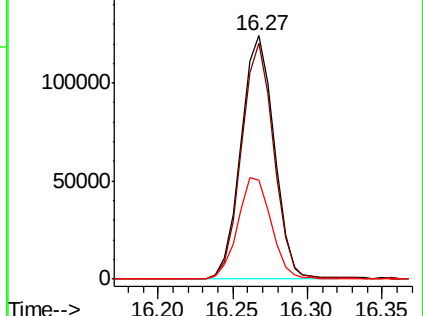
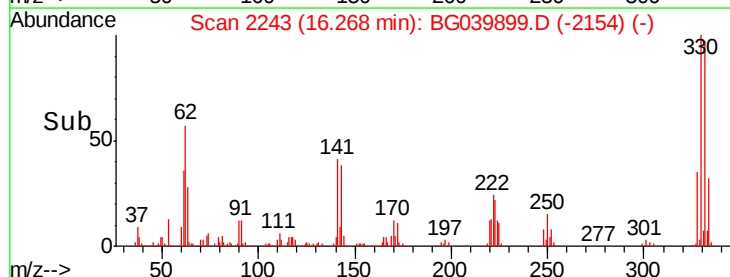
141 42.2 35.6 53.4

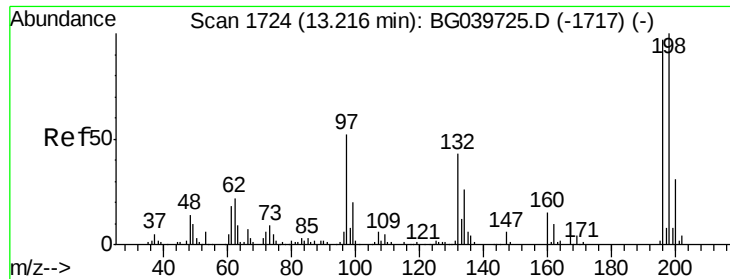


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

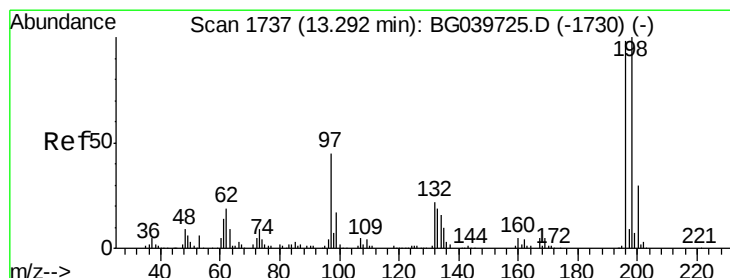
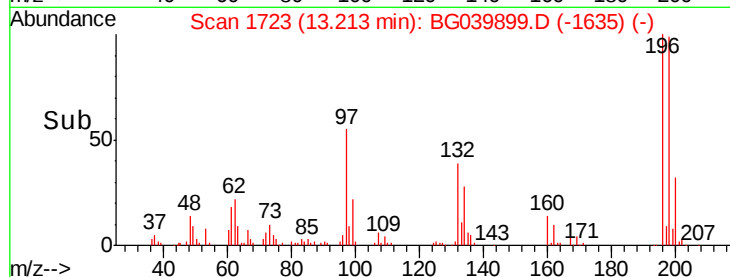
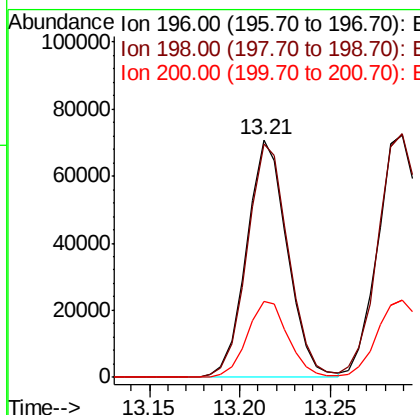
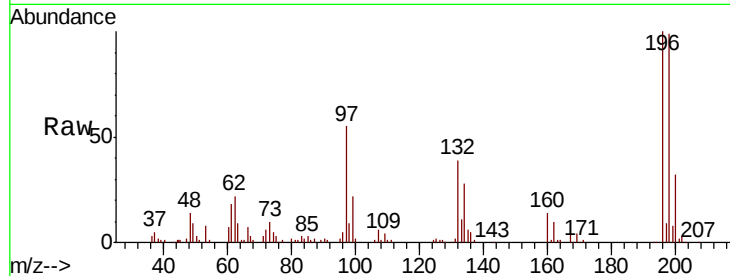




#43
 2,4,6-Trichlorophenol
 Concen: 45.920 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

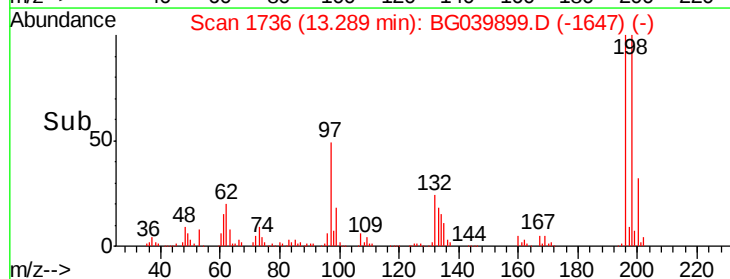
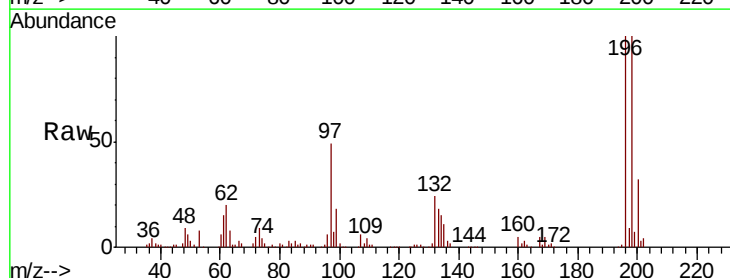
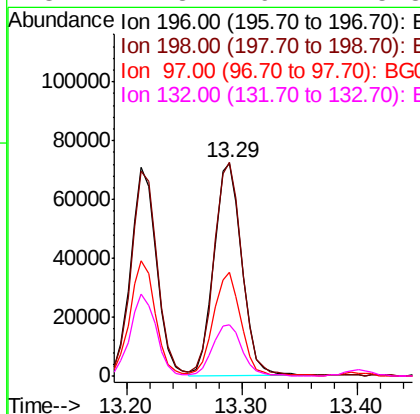
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

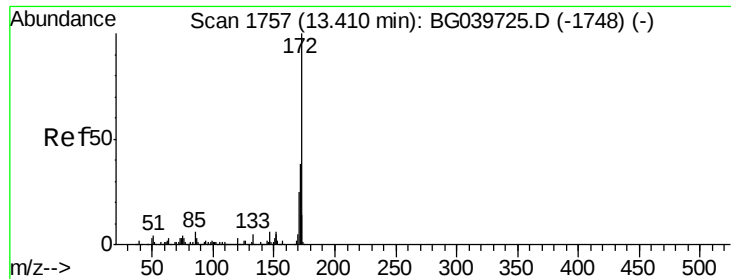
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	80.6	121.0
200	31.8	26.1	39.1



#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

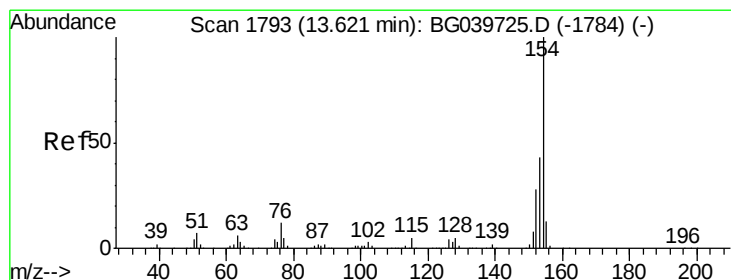
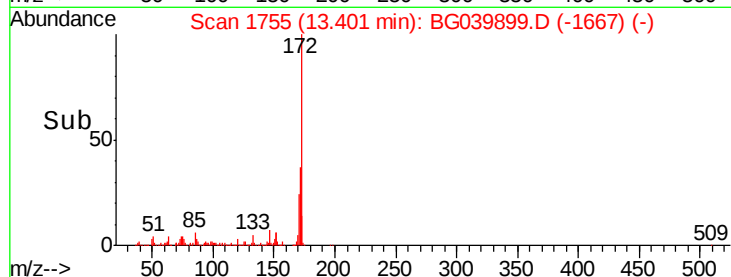
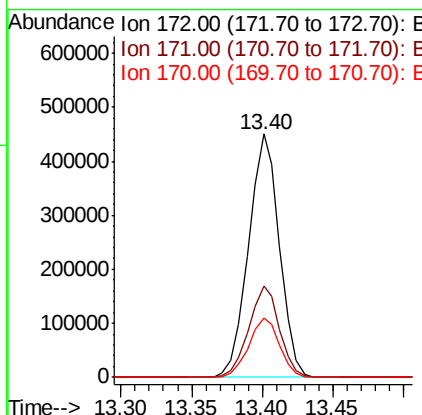
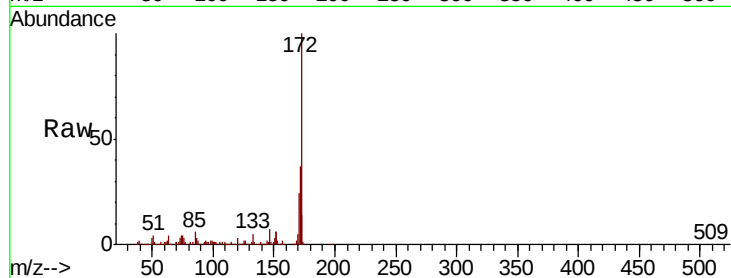




#45
2-Fluorobiphenyl
Concen: 81.016 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

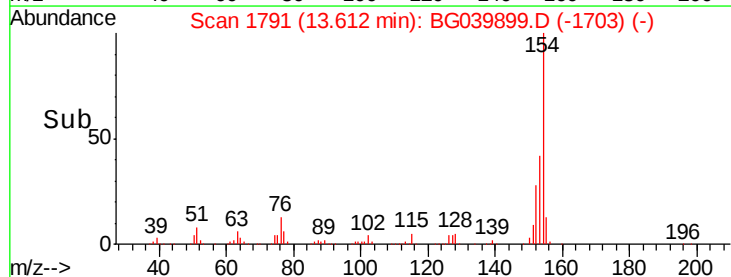
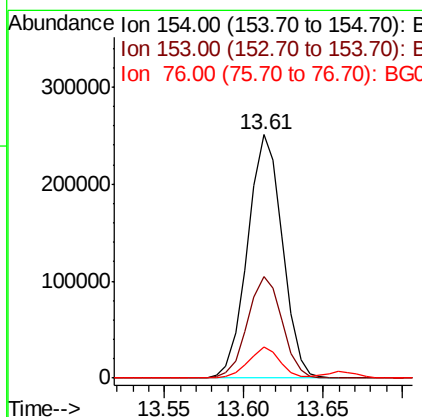
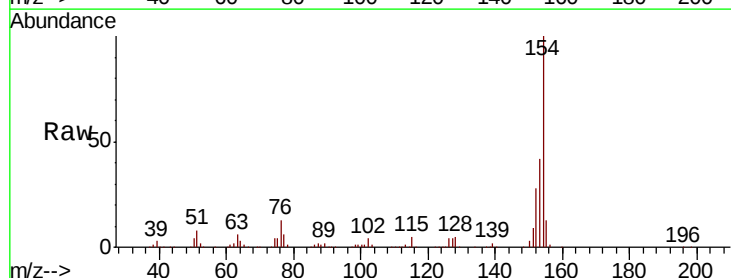
Instrument :
BNA_G
ClientSampleId :
PB117850BS

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



#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

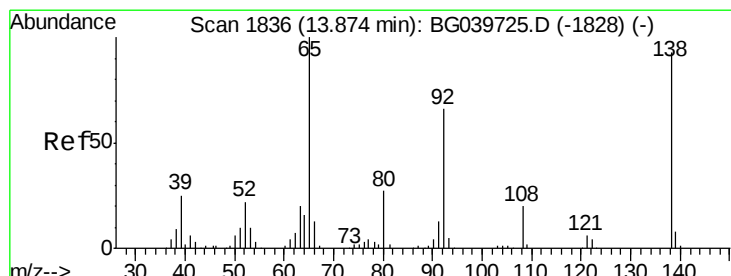
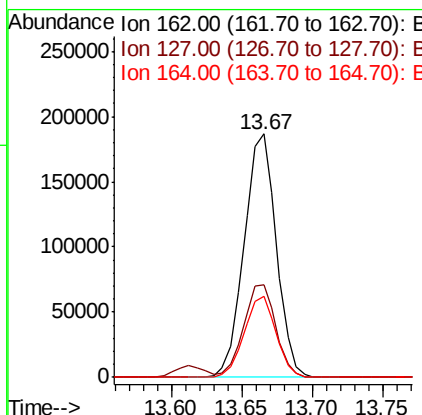
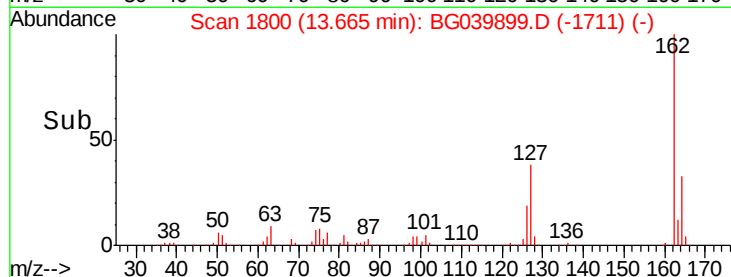
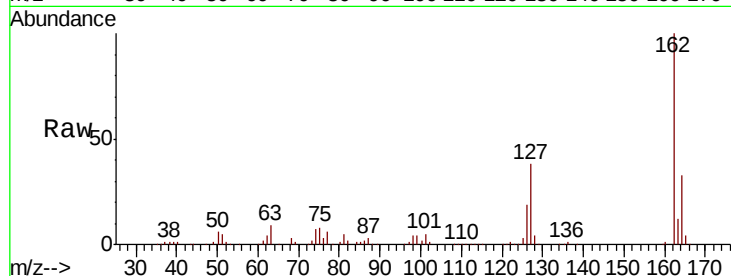




#47
 2-Chloronaphthalene
 Concen: 39.759 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

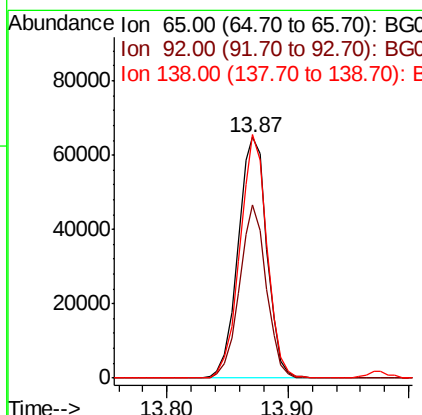
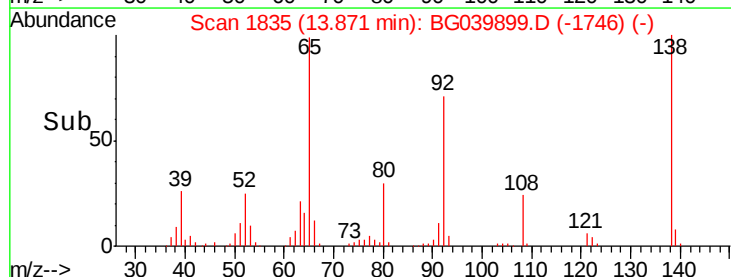
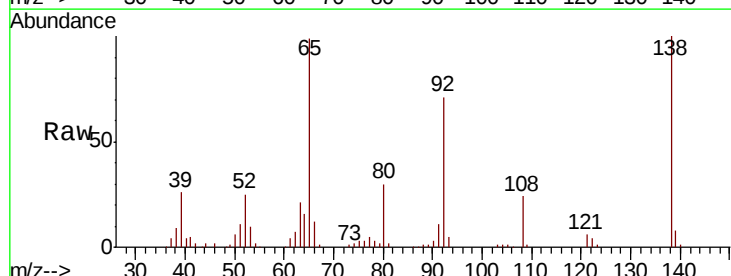
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

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



#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





#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 :

PB117850BS

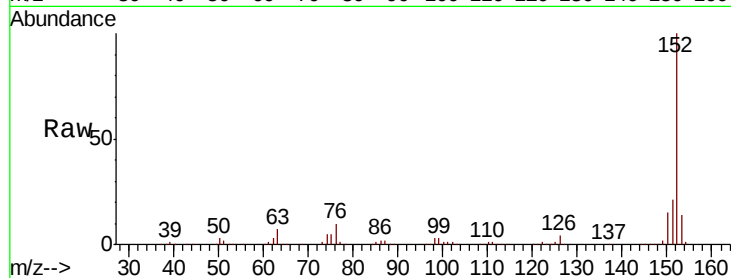
Tot Ion:152 Resp: 490628

Ion Ratio Lower Upper

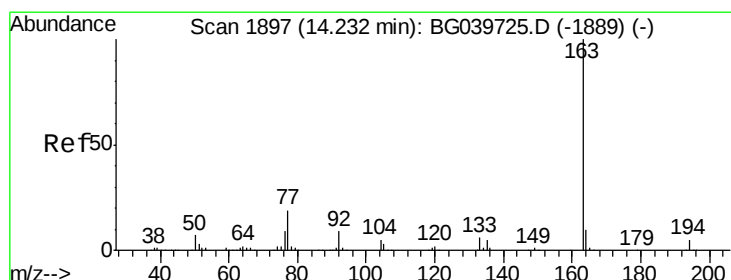
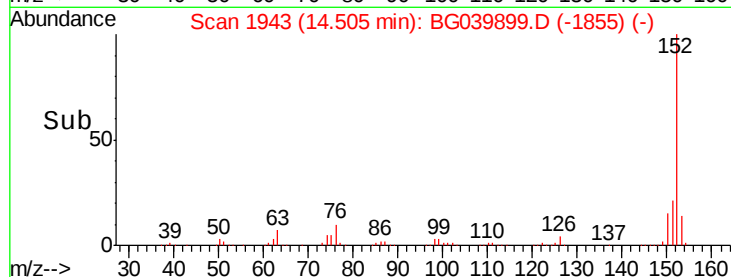
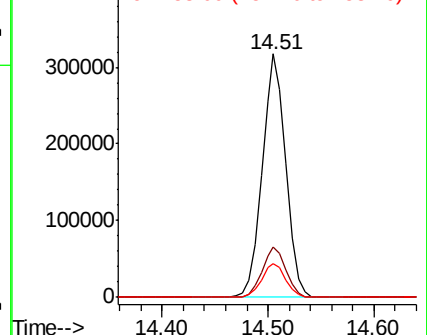
152 100

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

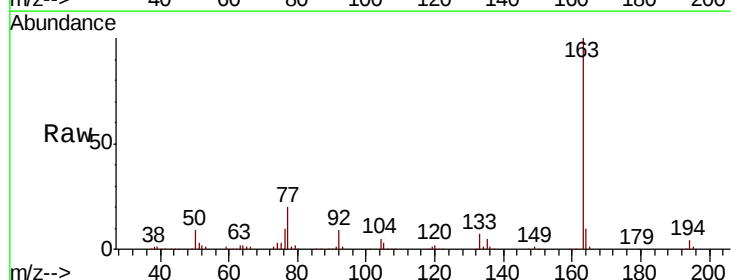
Tgt Ion:163 Resp: 410302

Ion Ratio Lower Upper

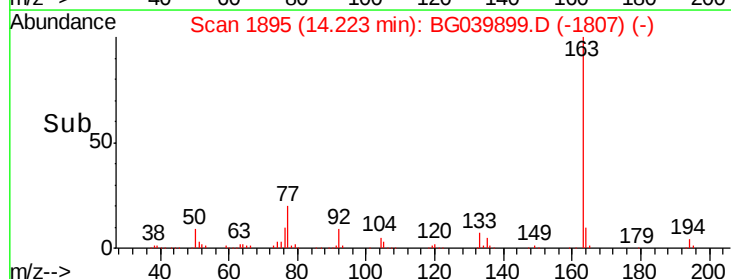
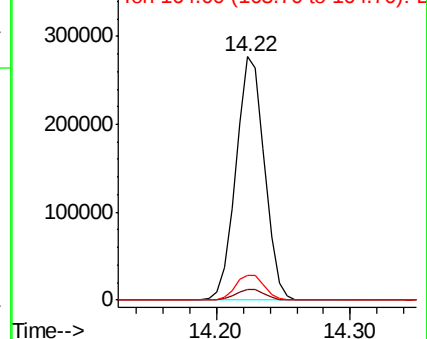
163 100

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

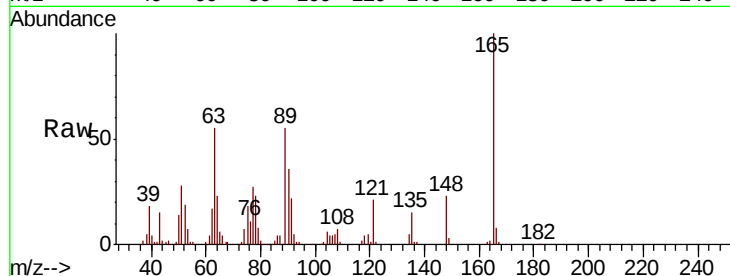




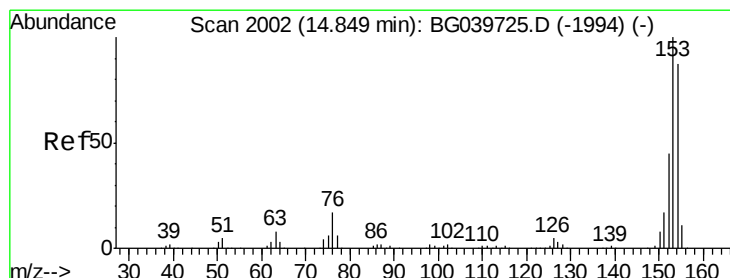
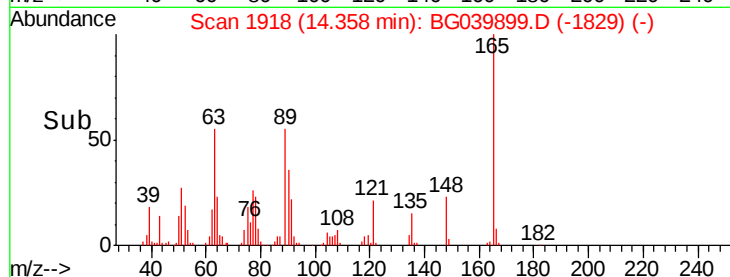
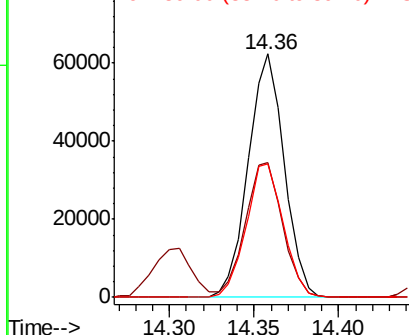
#51
2,6-Dinitrotoluene
Concen: 43.059 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :
PB117850BS

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

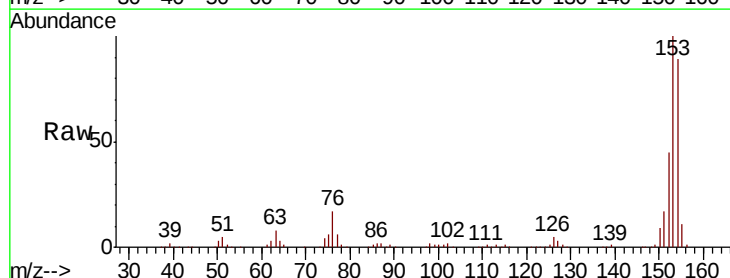


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

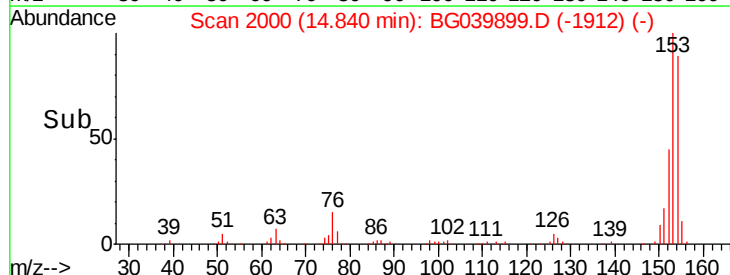
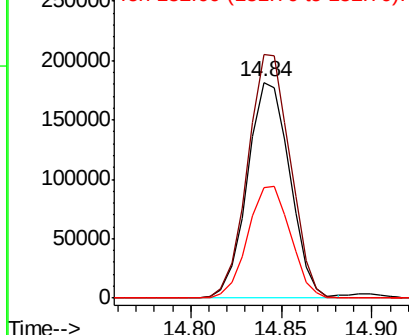


#52
Acenaphthene
Concen: 39.999 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

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 :

PB117850BS

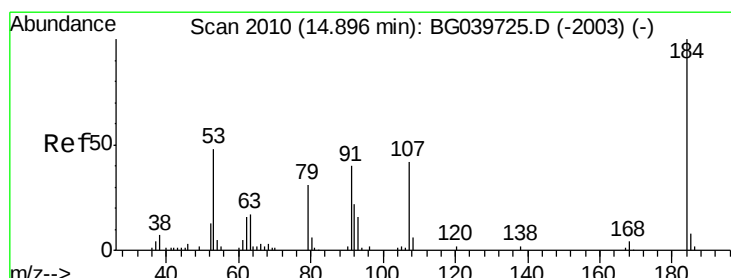
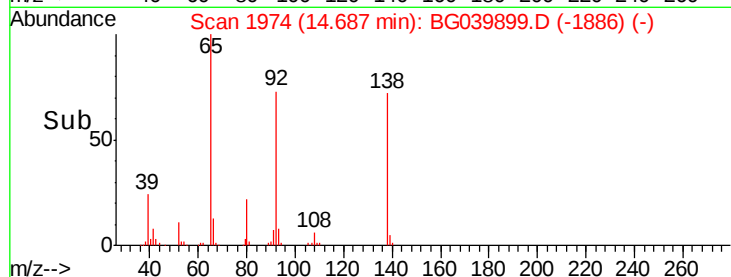
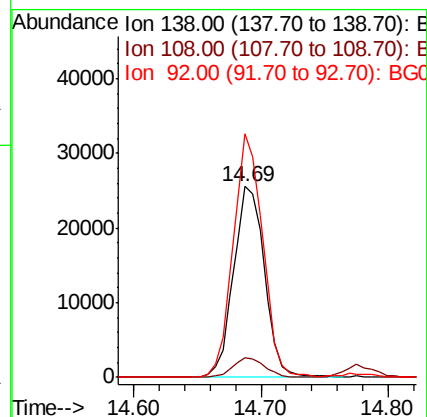
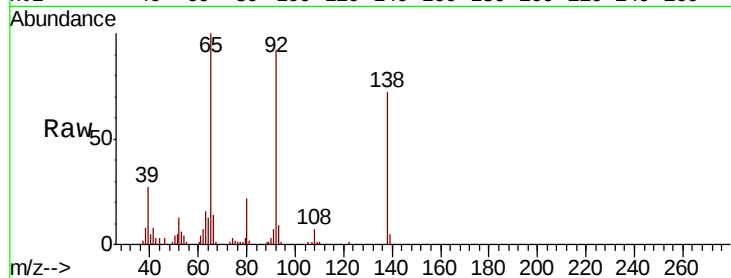
Tot Ion:138 Resp: 43005

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

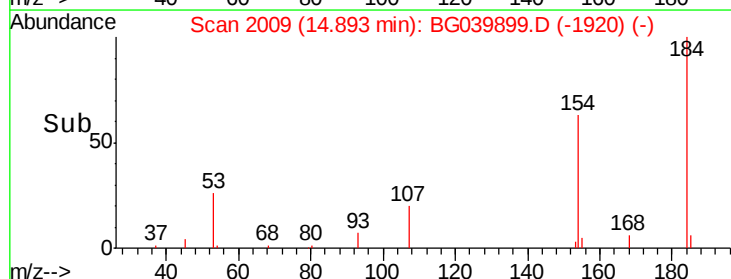
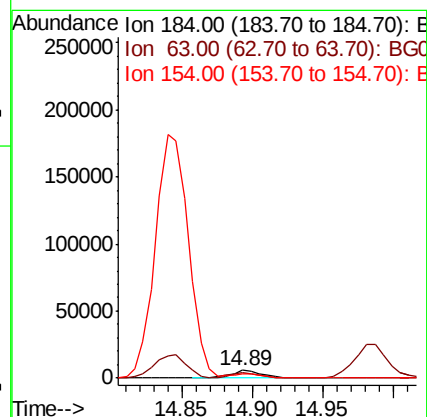
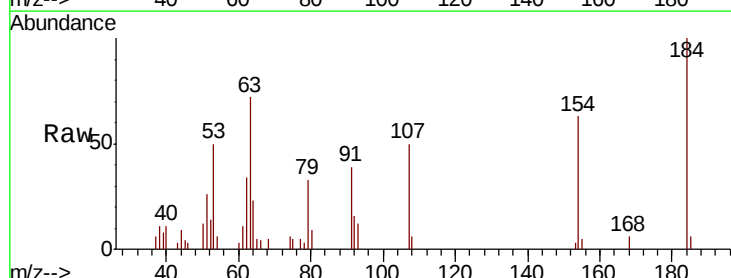
Tgt Ion:184 Resp: 9779

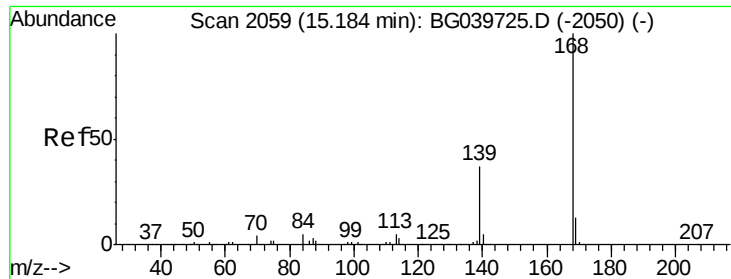
Ion Ratio Lower Upper

184 100

63 72.2 50.9 76.3

154 62.6 53.0 79.6





#55

Dibenzofuran

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 :

PB117850BS

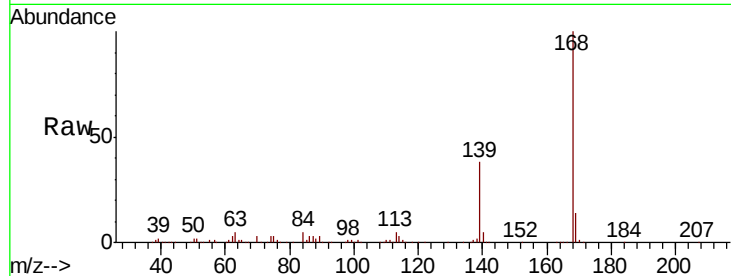
Tot Ion:168 Resp: 491913

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

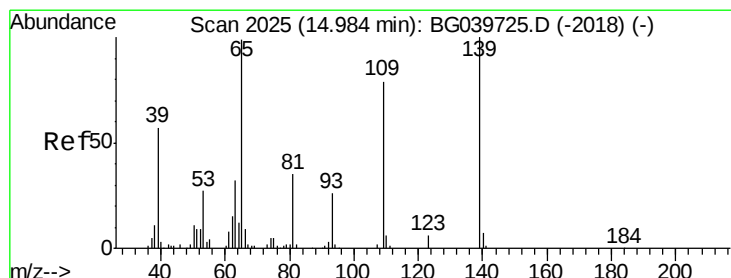
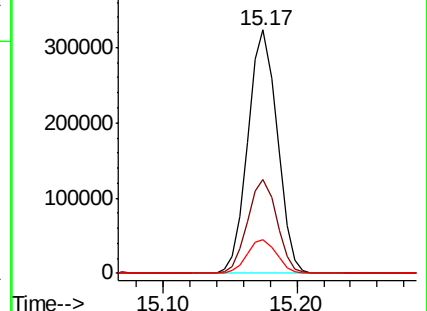
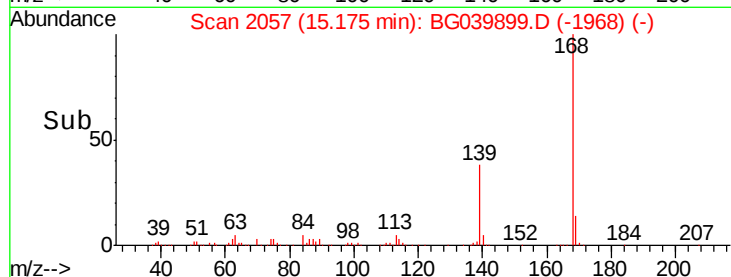
169 13.9 10.6 16.0



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

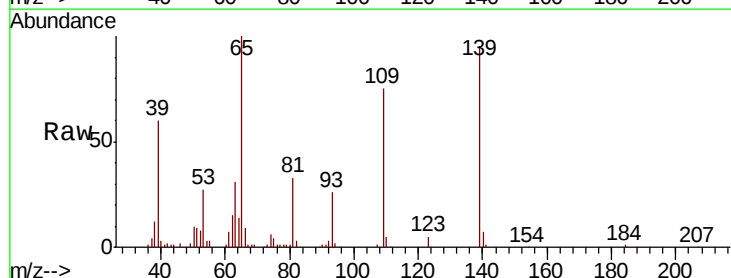
Tgt Ion:139 Resp: 136117

Ion Ratio Lower Upper

139 100

109 79.7 61.9 101.9

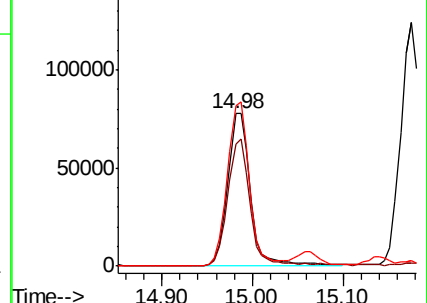
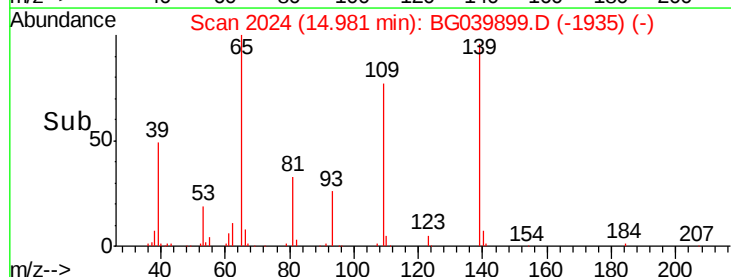
65 105.6 99.1 139.1

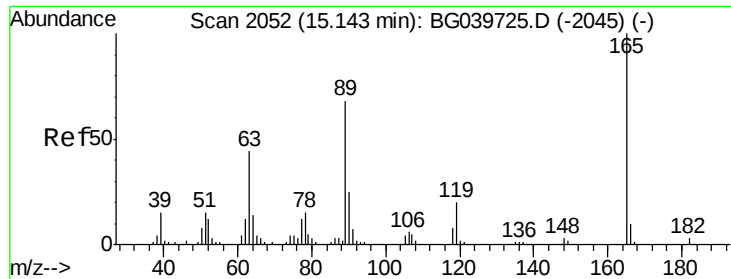


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

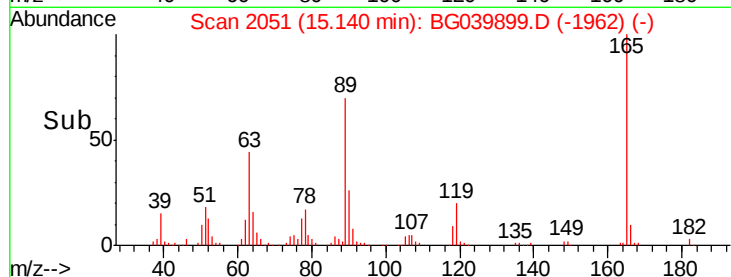
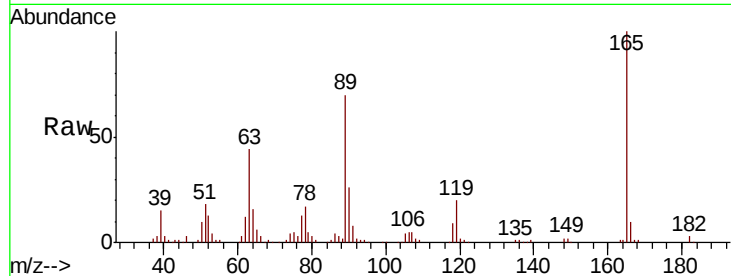




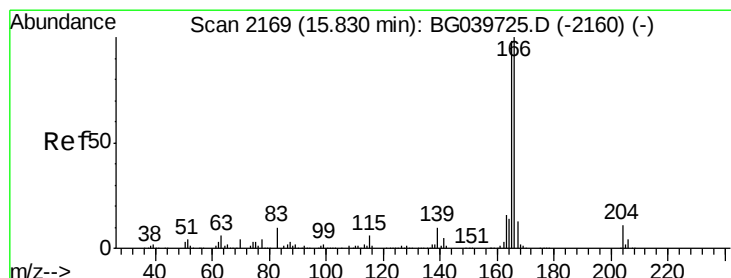
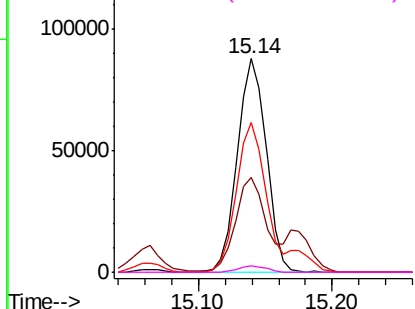
#57
 2,4-Dinitrotoluene
 Concen: 43.621 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

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

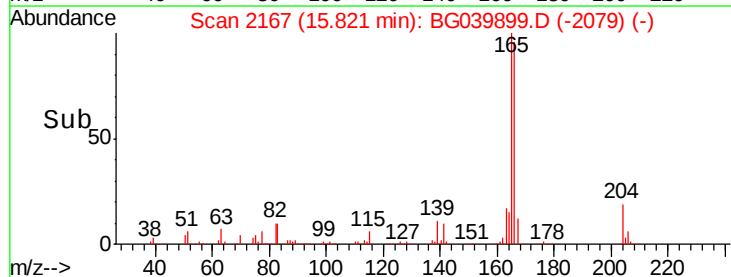
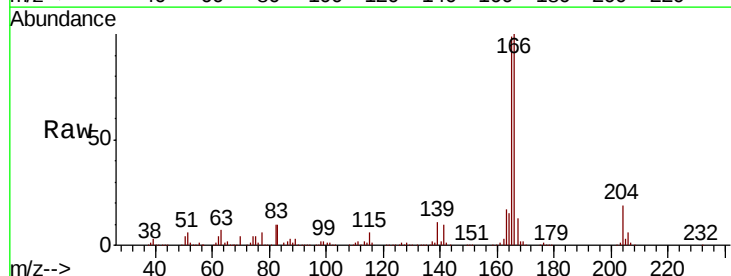


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

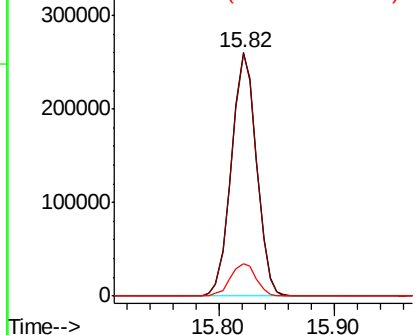


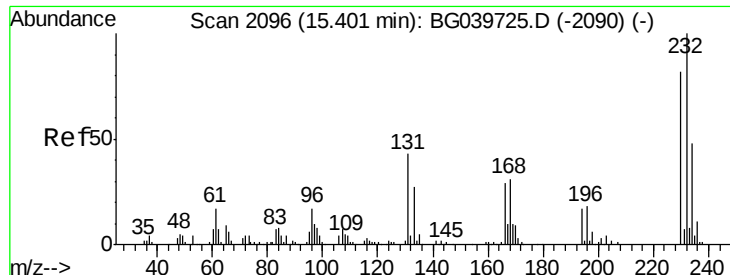
#58
 Fluorene
 Concen: 41.011 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

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

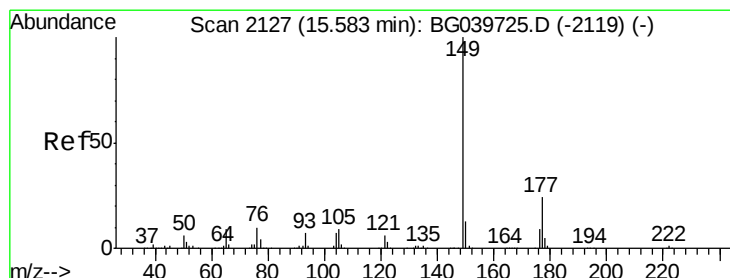
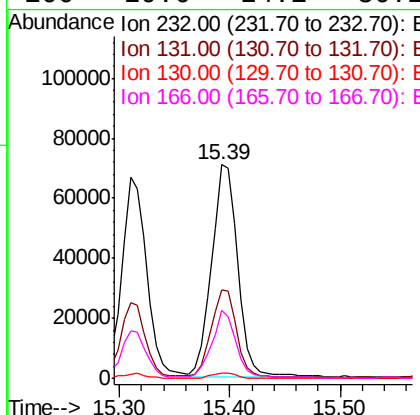
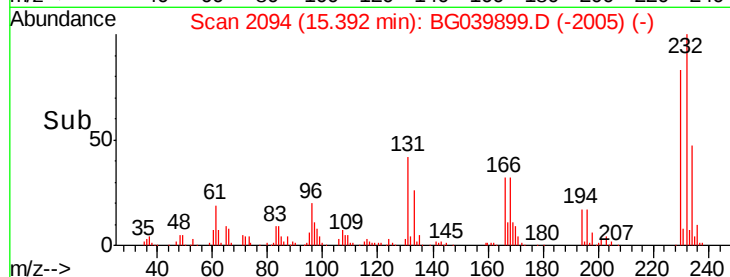
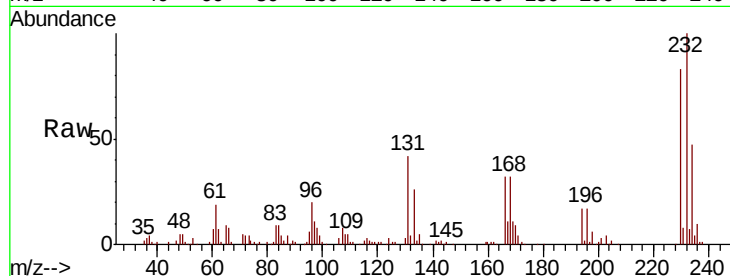




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.986 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

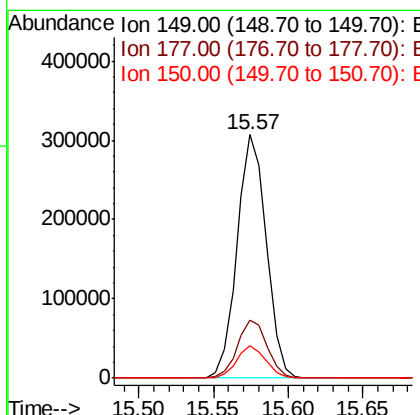
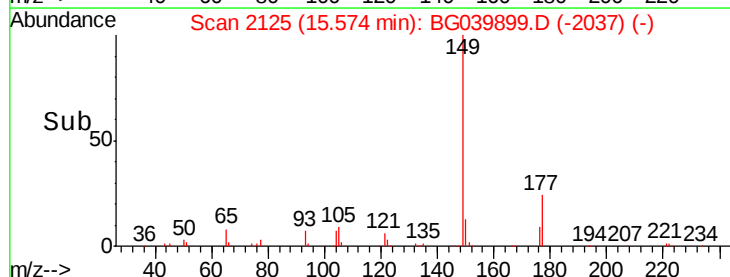
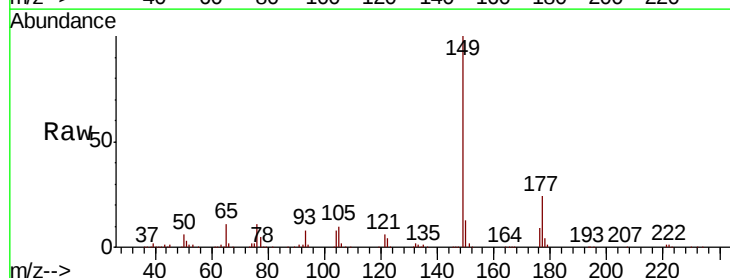
Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

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

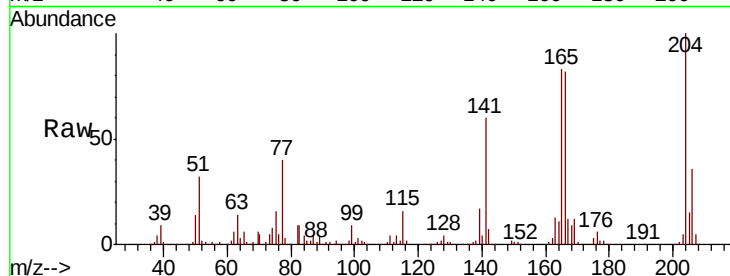




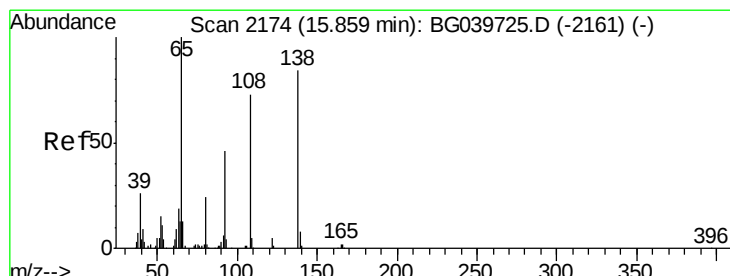
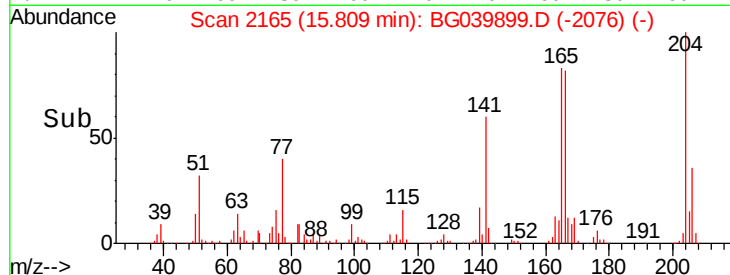
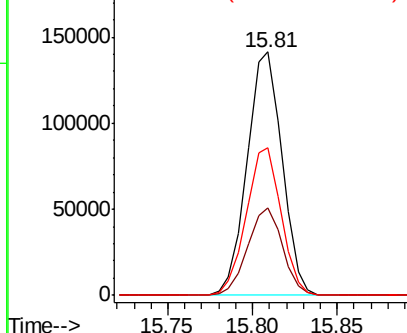
#61
4-Chlorophenyl-phenylether
Concen: 40.178 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :
PB117850BS

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

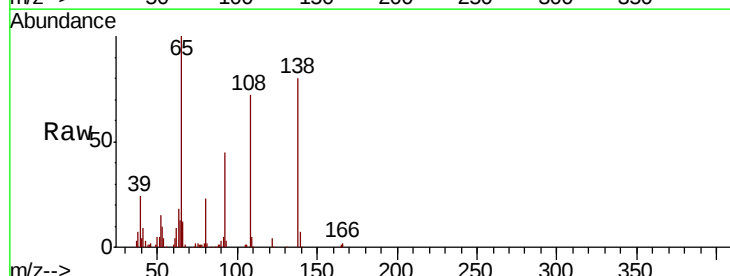


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

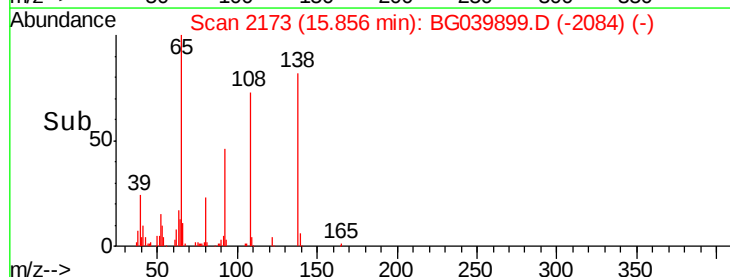
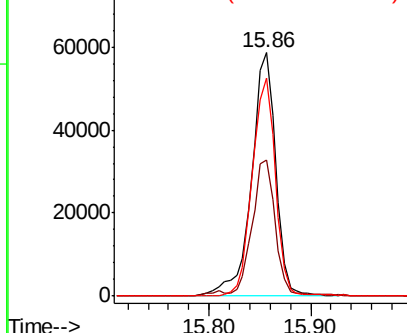


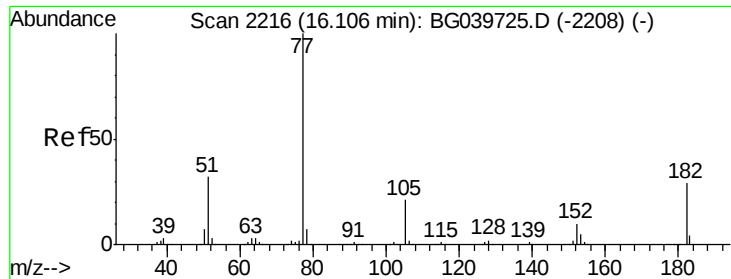
#62
4-Nitroaniline
Concen: 41.859 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

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 :

PB117850BS

Tot Ion: 77 Resp: 379128

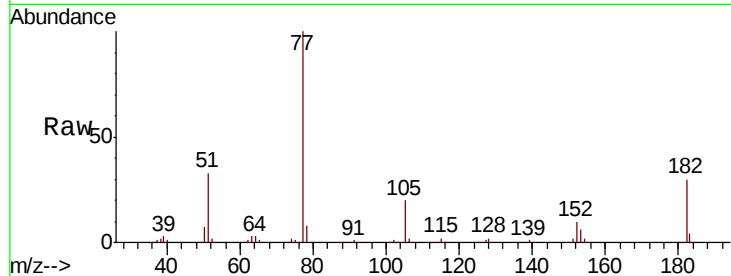
Ion Ratio Lower Upper

77 100

182 29.6 6.4 46.4

105 20.3 0.0 39.8

51 33.3 14.1 54.1

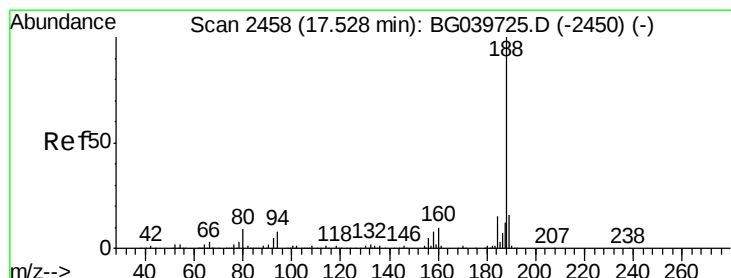
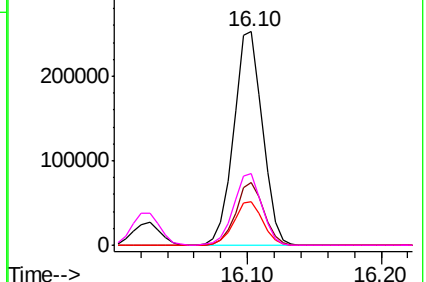
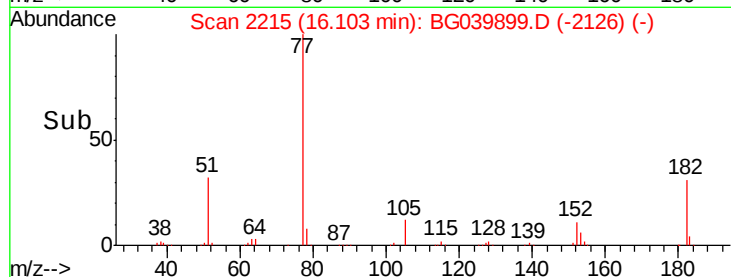


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

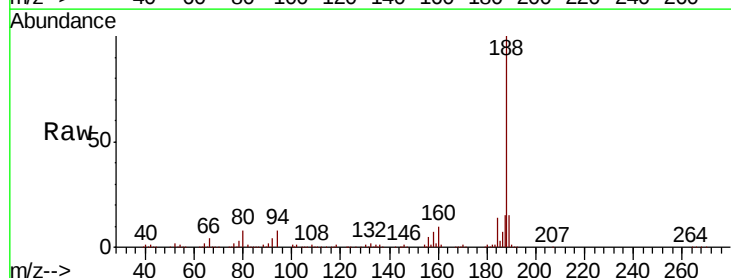
Tgt Ion: 188 Resp: 305289

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

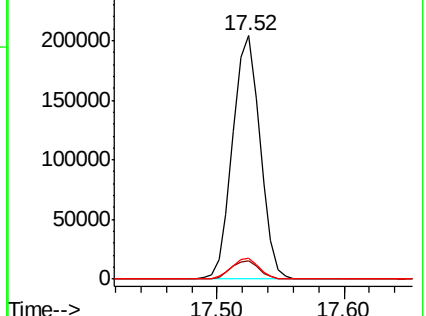
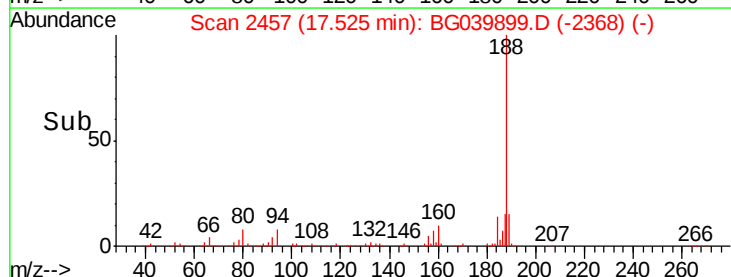
80 8.5 8.1 12.1

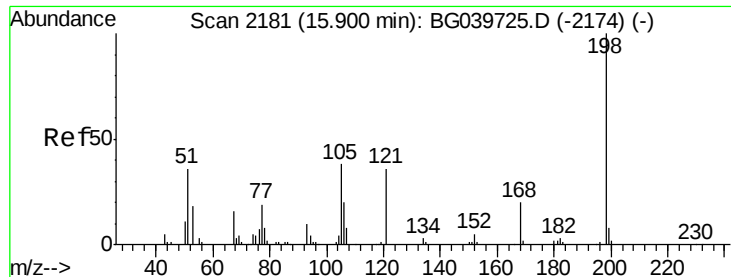


Abundance Ion 188.00 (187.70 to 188.70): BGC

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 :

PB117850BS

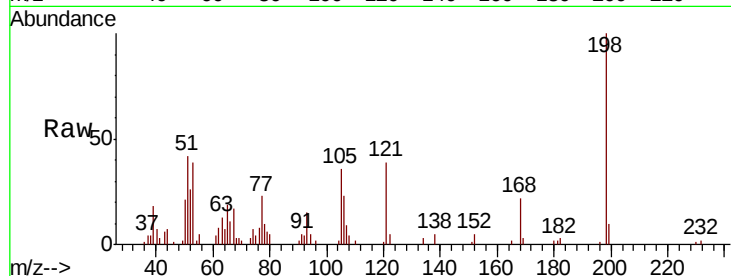
Tot Ion:198 Resp: 19641

Ion Ratio Lower Upper

198 100

51 42.1 27.4 67.4

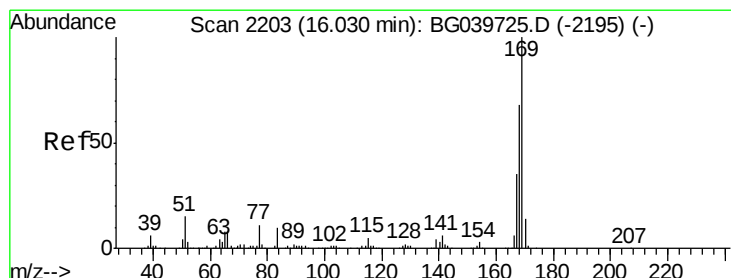
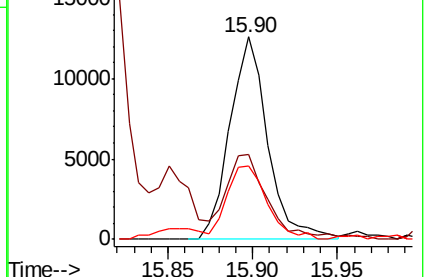
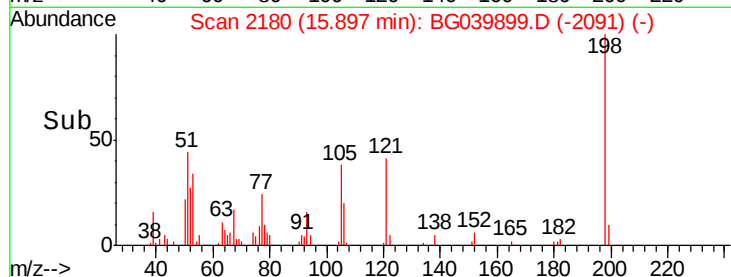
105 36.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

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

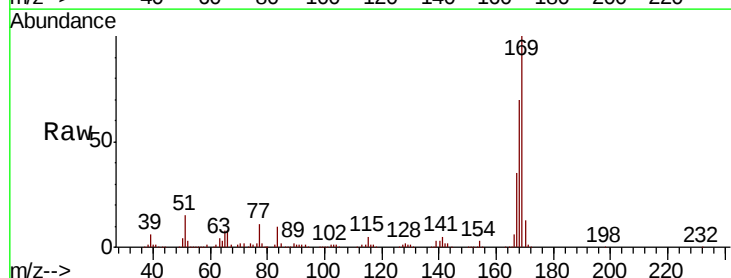
Tgt Ion:169 Resp: 363654

Ion Ratio Lower Upper

169 100

168 70.1 56.6 85.0

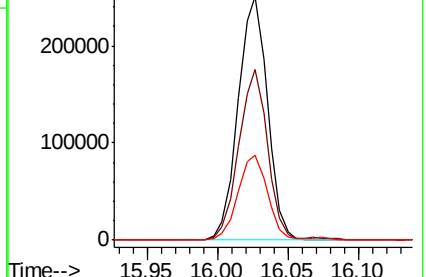
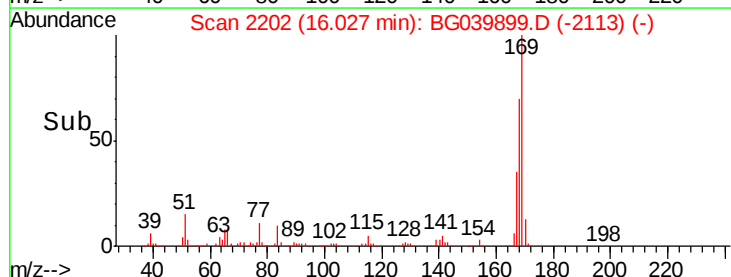
167 34.7 28.8 43.2



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

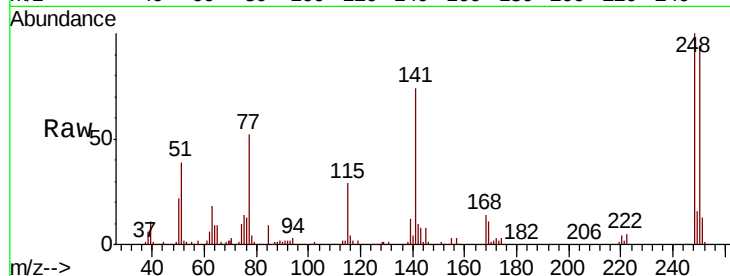




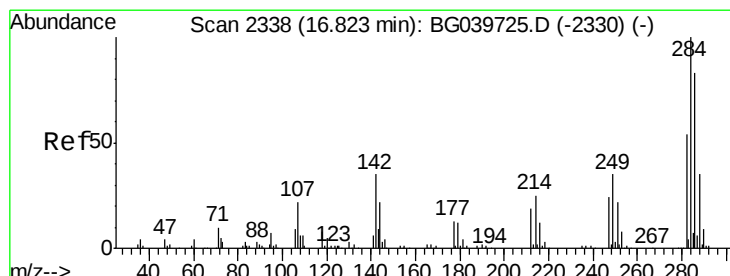
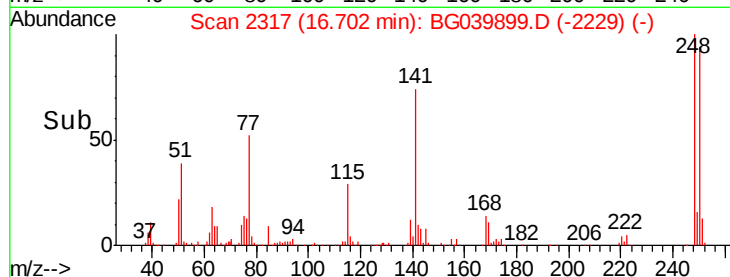
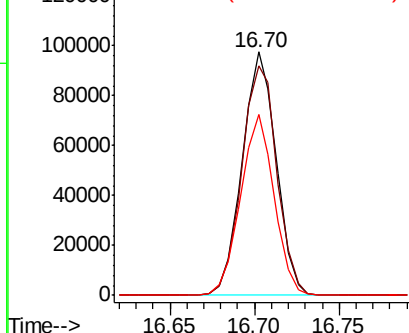
#67
 4-Bromophenyl-phenylether
 Concen: 39.962 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

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

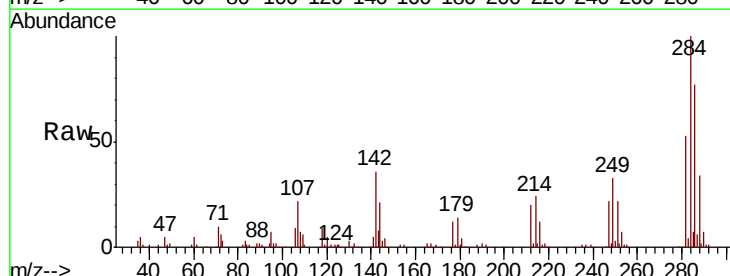


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

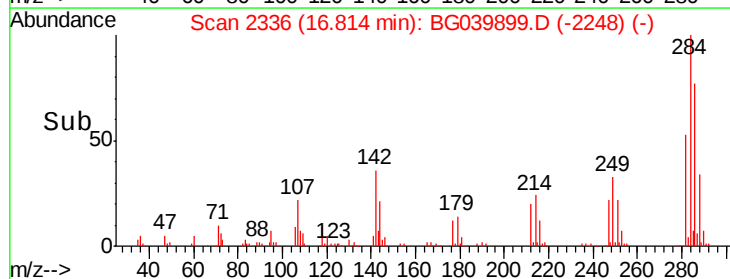
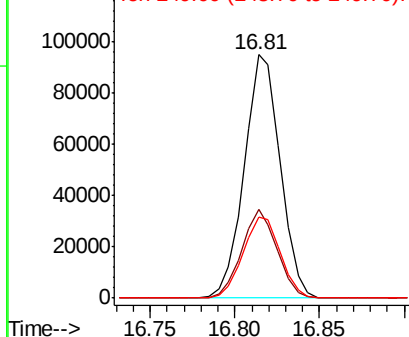


#68
 Hexachlorobenzene
 Concen: 39.615 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

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

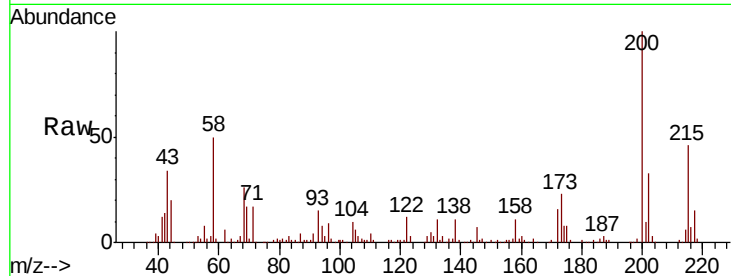




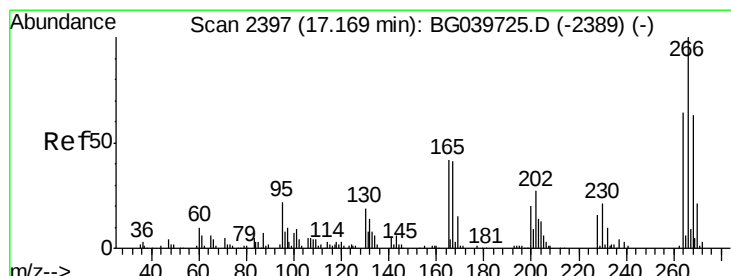
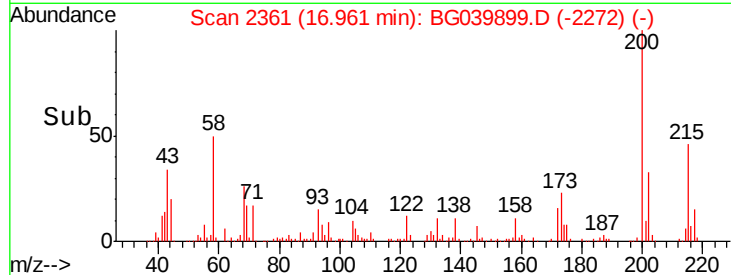
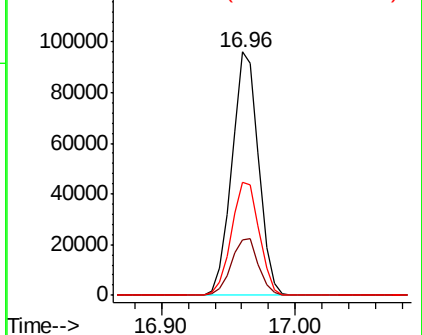
#69
 Atrazine
 Concen: 38.457 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117850BS

Tot Ion:200 Resp: 133767
 Ion Ratio Lower Upper
 200 100
 173 22.8 3.9 43.9
 215 46.4 30.9 70.9

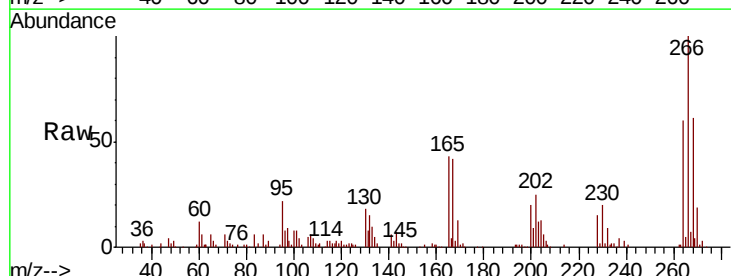


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

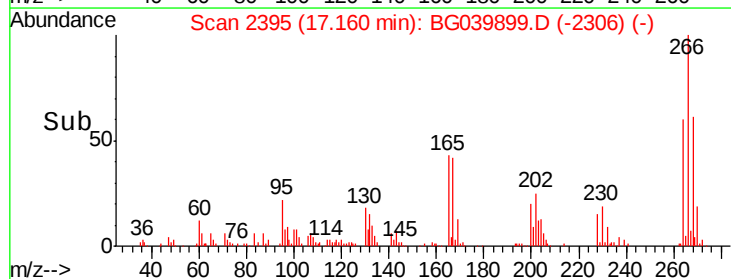
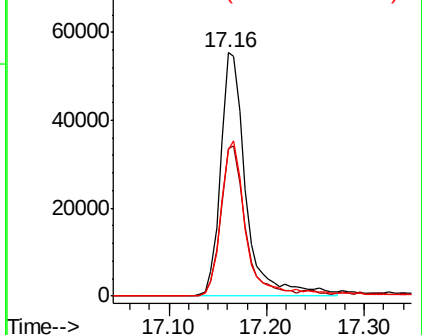


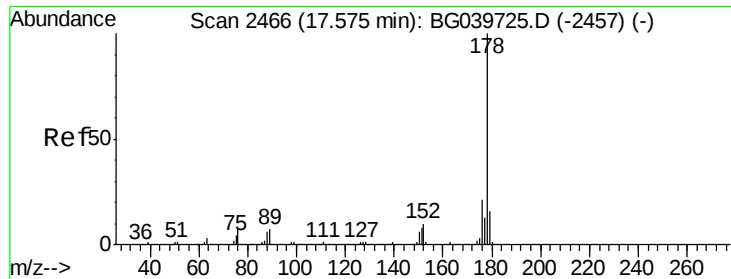
#70
 Pentachlorophenol
 Concen: 44.727 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039899.D
 Acq: 13 Mar 2019 8:05

Tgt Ion:266 Resp: 100057
 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

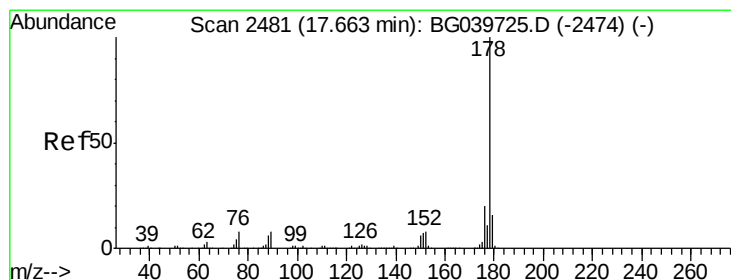
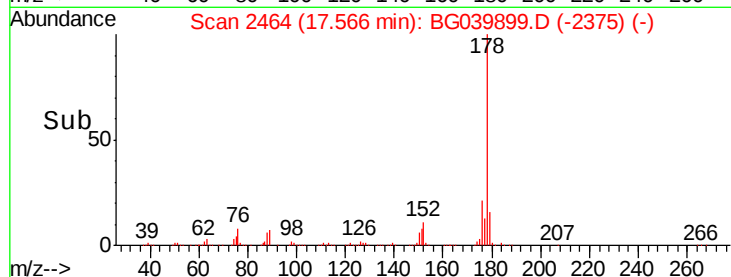
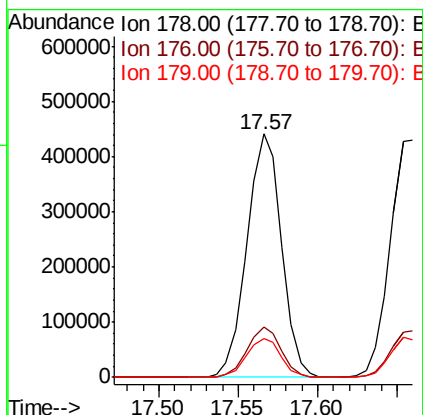
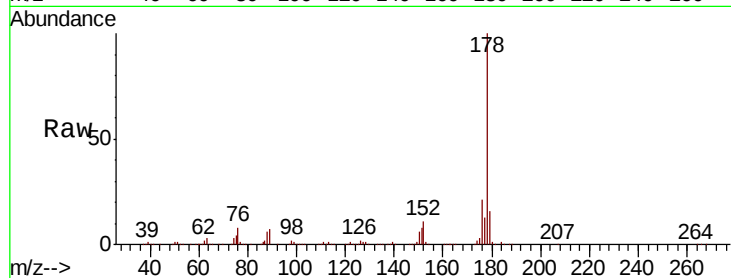




#71
Phenanthrene
Concen: 39.634 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

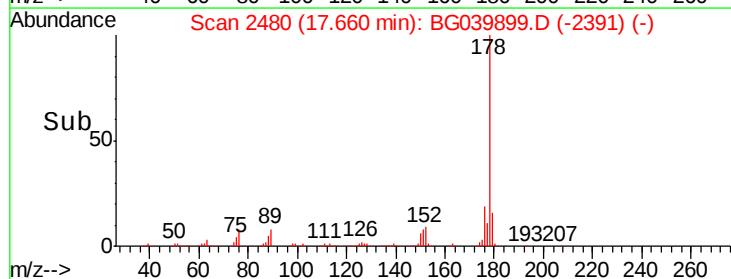
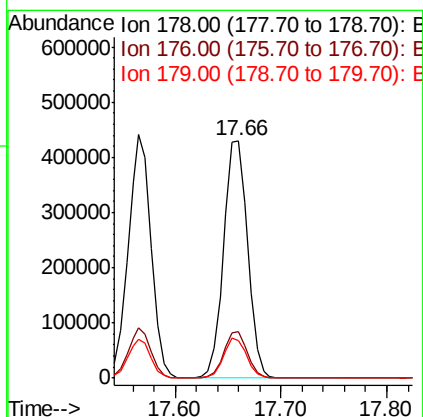
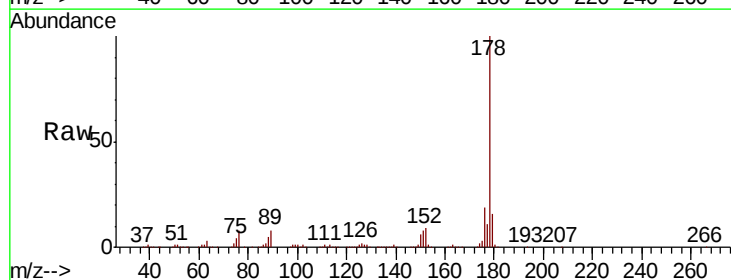
Instrument :
BNA_G
ClientSampleId :
PB117850BS

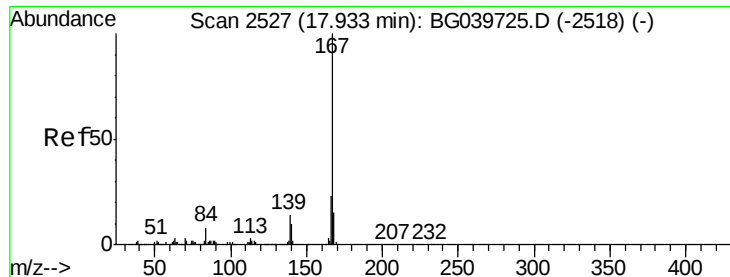
Tot Ion:178 Resp: 666474
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 15.9 12.6 19.0



#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 :

PB117850BS

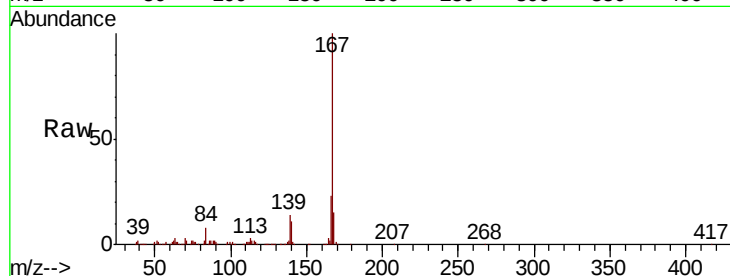
Tot Ion:167 Resp: 594100

Ion Ratio Lower Upper

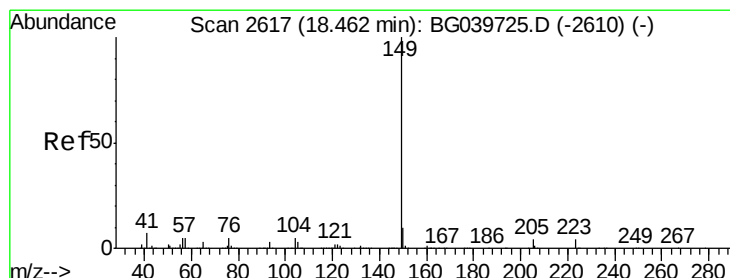
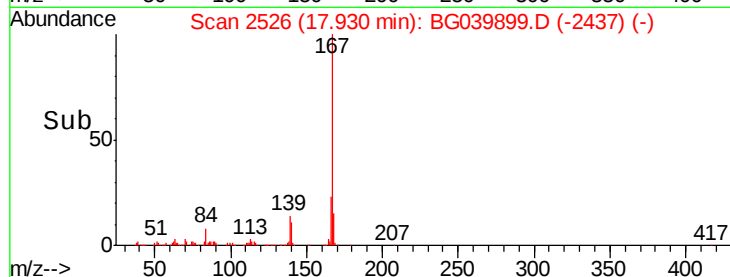
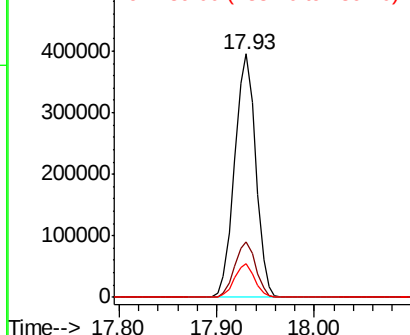
167 100

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

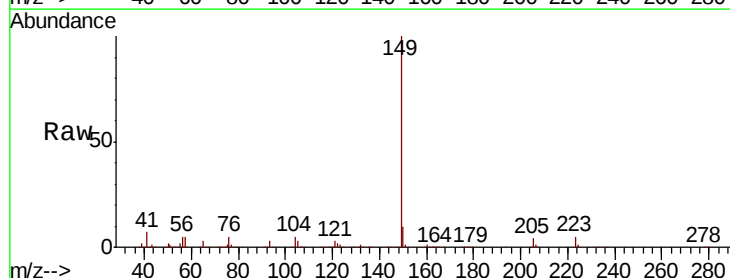
Tgt Ion:149 Resp: 720623

Ion Ratio Lower Upper

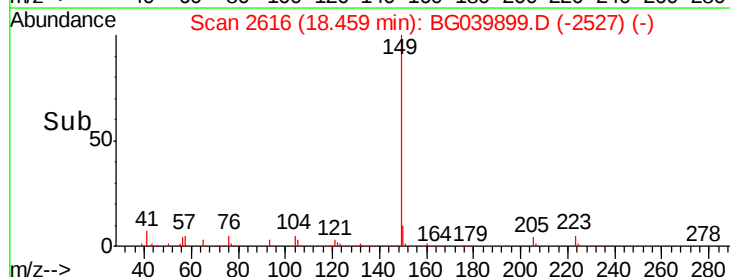
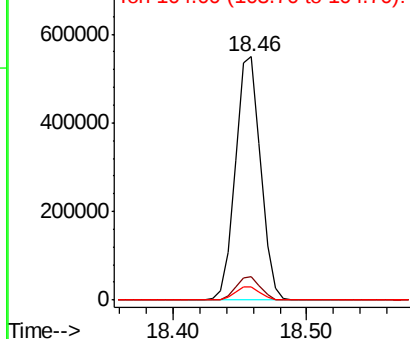
149 100

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 :

PB117850BS

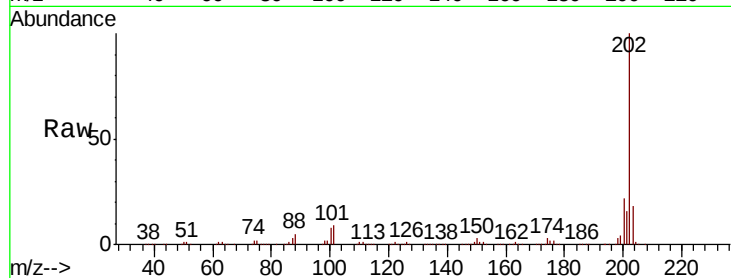
Tot Ion:202 Resp: 803213

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.0

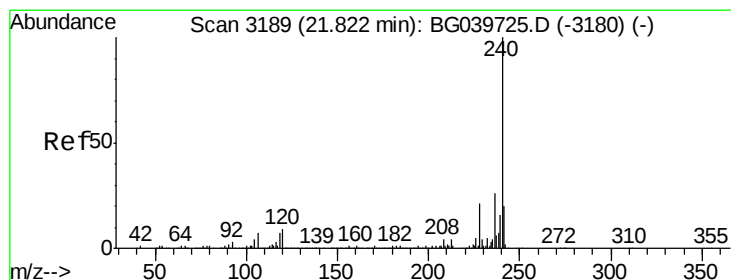
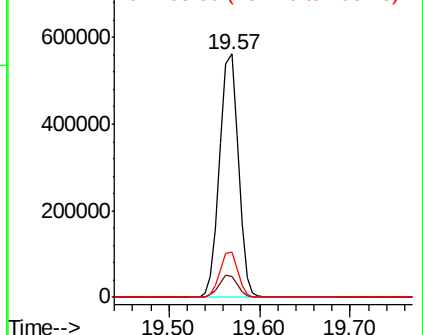
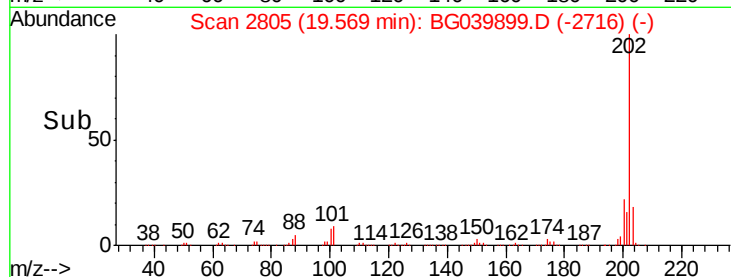
203 18.4 0.0 38.9



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

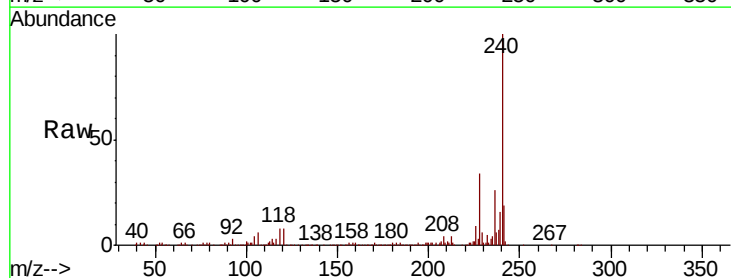
Tgt Ion:240 Resp: 310976

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

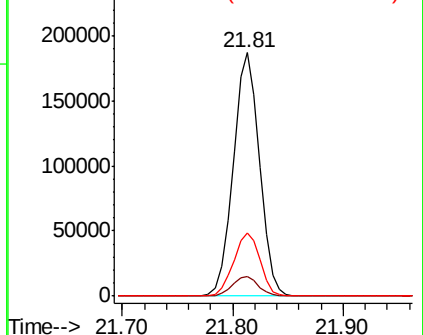
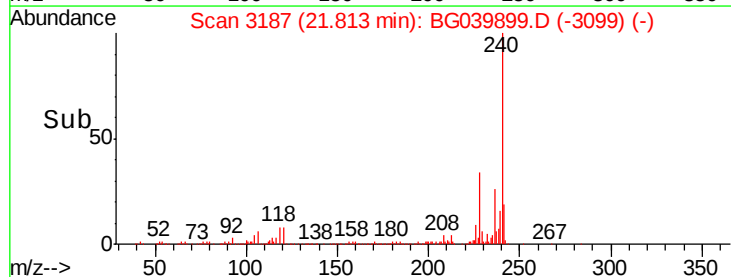
236 25.9 21.0 31.4

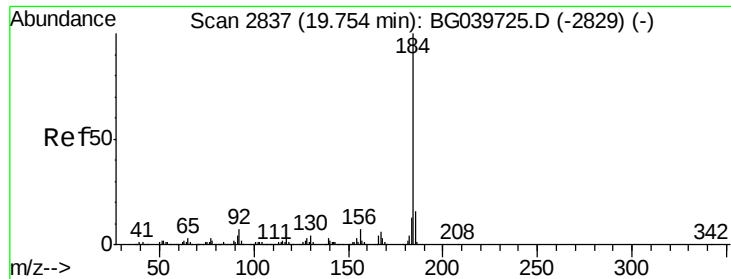


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

PB117850BS

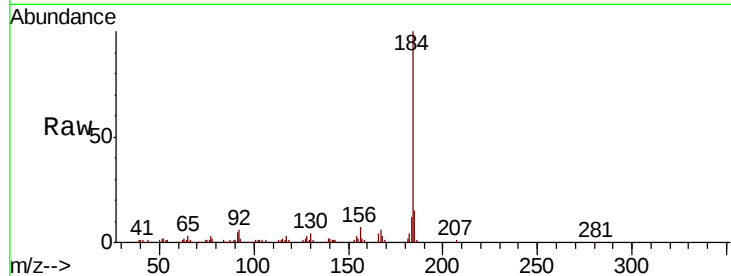
Tot Ion:184 Resp: 135793

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

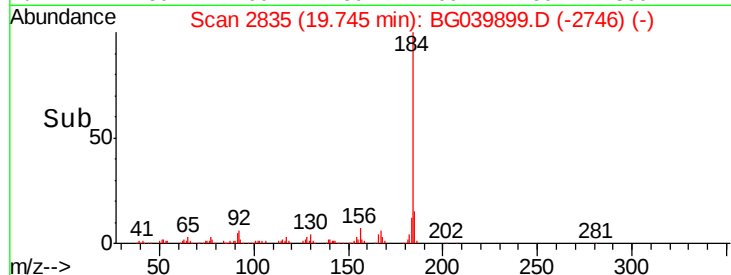
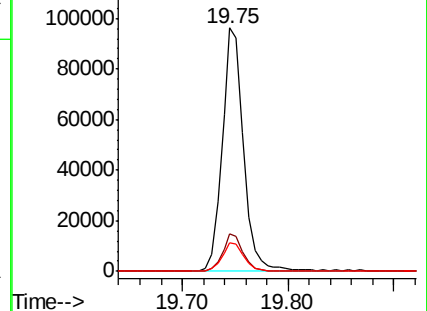
183 12.0 10.6 15.8



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

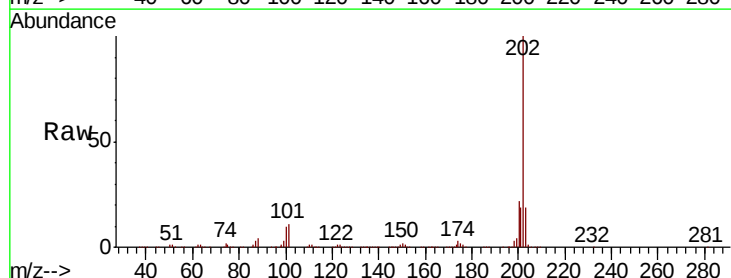
Tgt Ion:202 Resp: 809460

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

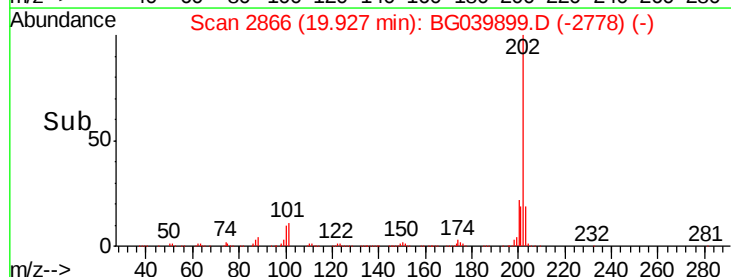
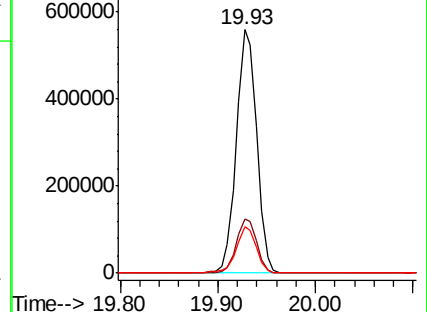
203 19.0 15.3 22.9

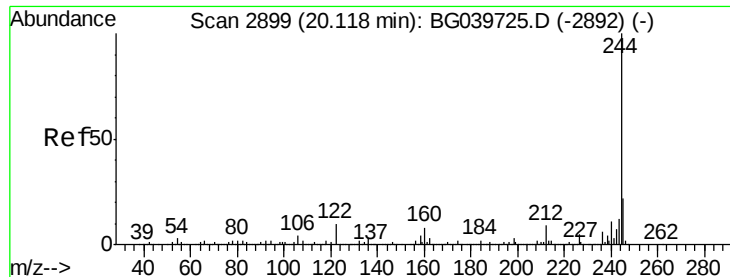


Abundance Ion 202.00 (201.70 to 202.70): E

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

ClientSampleId :

PB117850BS

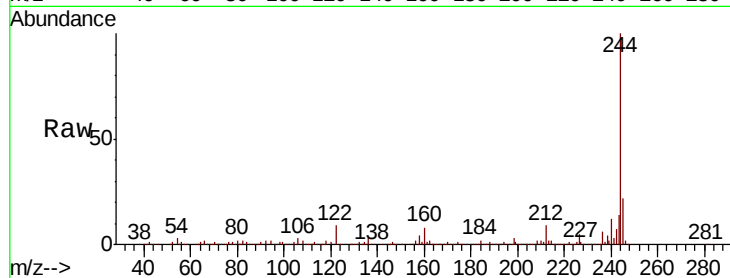
Tot Ion:244 Resp: 1148353

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

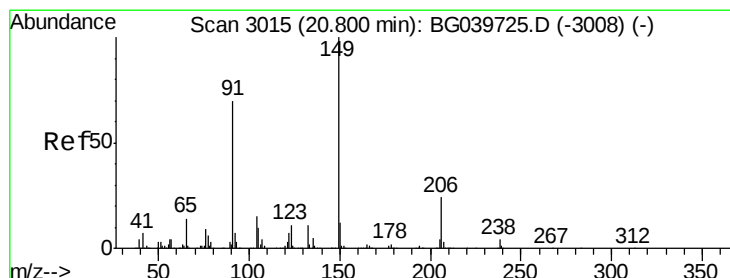
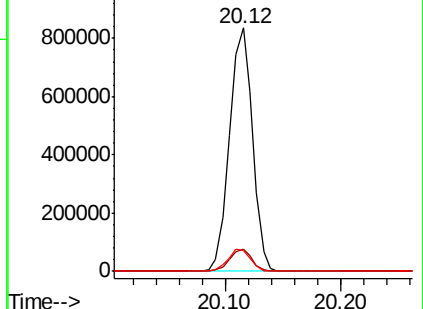
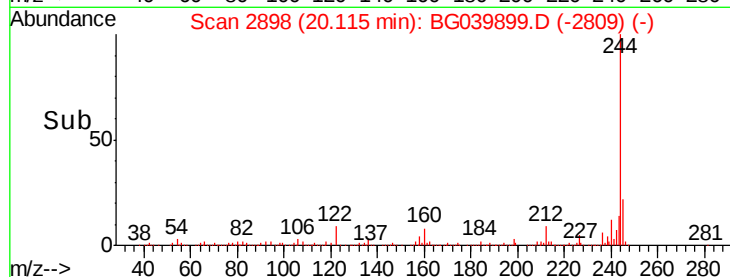
122 8.8 8.4 12.6



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

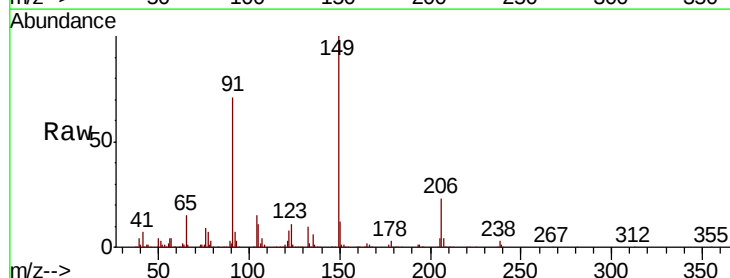
Tgt Ion:149 Resp: 336999

Ion Ratio Lower Upper

149 100

91 70.8 59.5 89.3

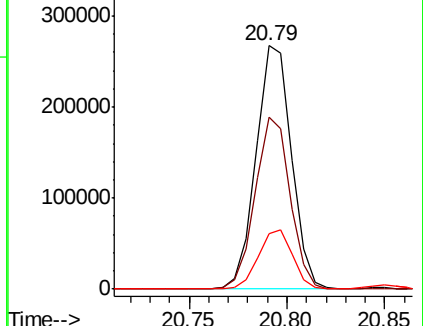
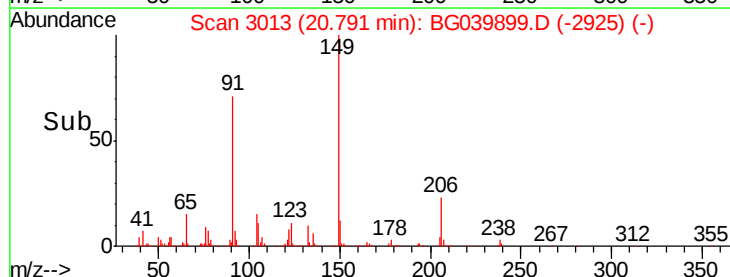
206 22.6 18.6 27.8



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 :

PB117850BS

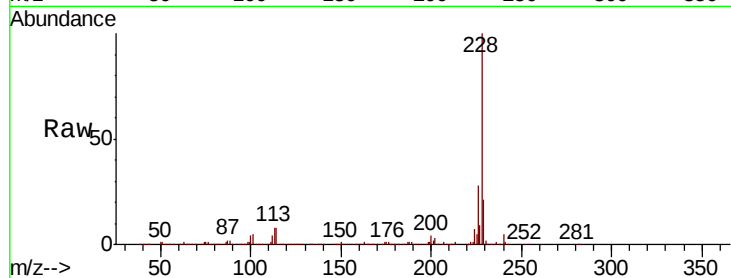
Tot Ion:228 Resp: 802426

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.6

229 21.2 16.9 25.3

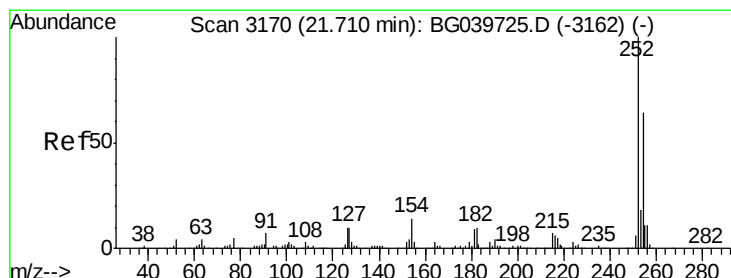
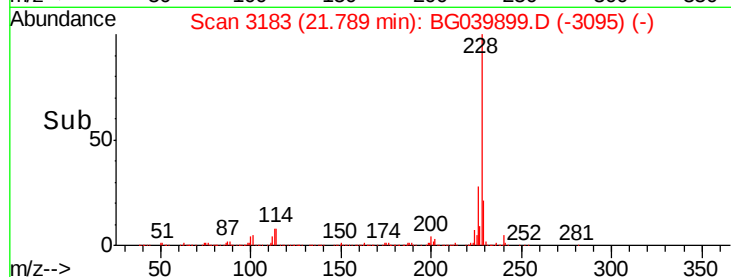
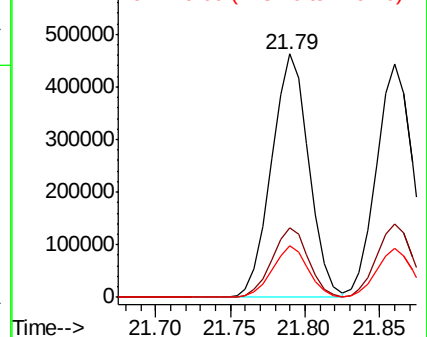


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 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

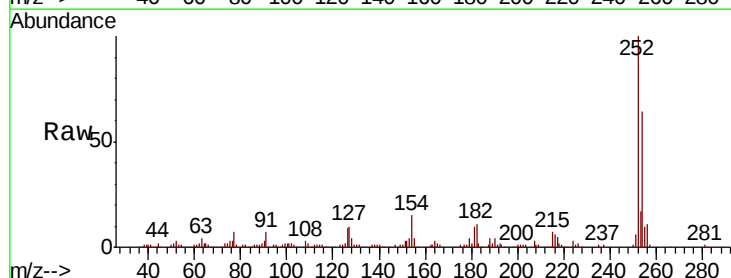
Tgt Ion:252 Resp: 109183

Ion Ratio Lower Upper

252 100

254 64.2 51.3 76.9

126 9.2 8.0 12.0

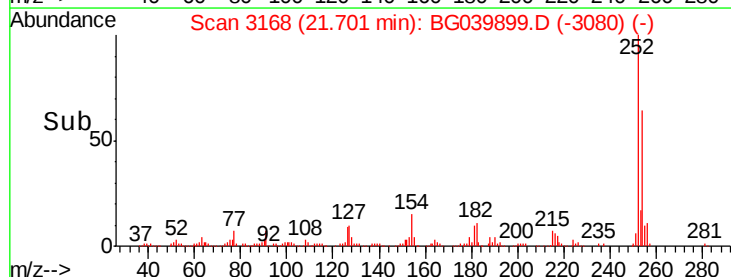
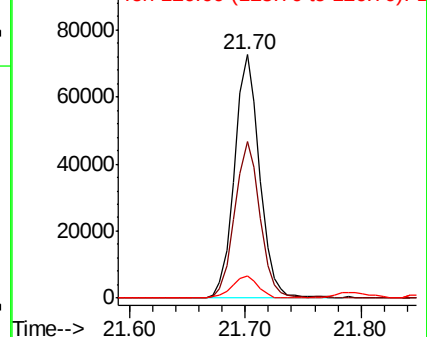


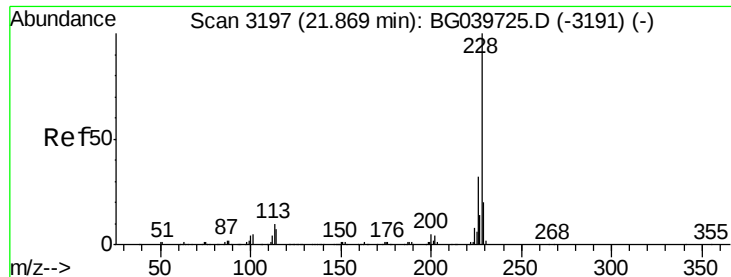
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 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 :

PB117850BS

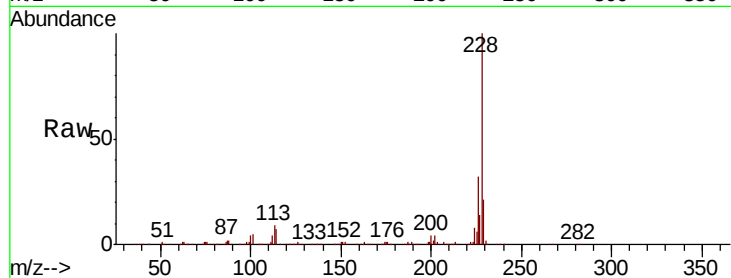
Tot Ion:228 Resp: 743547

Ion Ratio Lower Upper

228 100

226 31.6 25.8 38.6

229 21.0 16.6 25.0

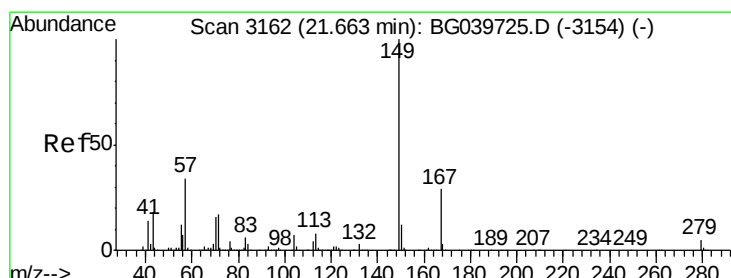
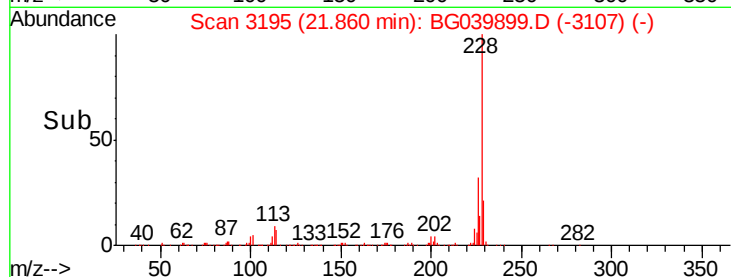
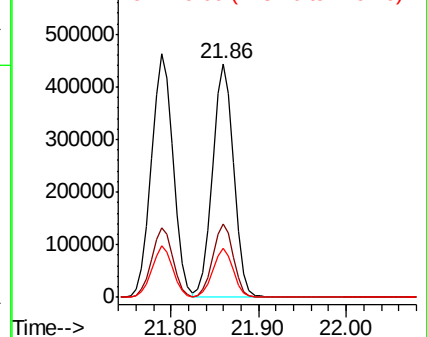


Abundance

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

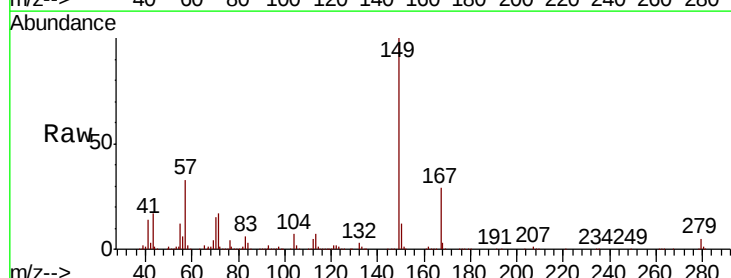
Tgt Ion:149 Resp: 466840

Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

279 5.3 3.5 5.3#

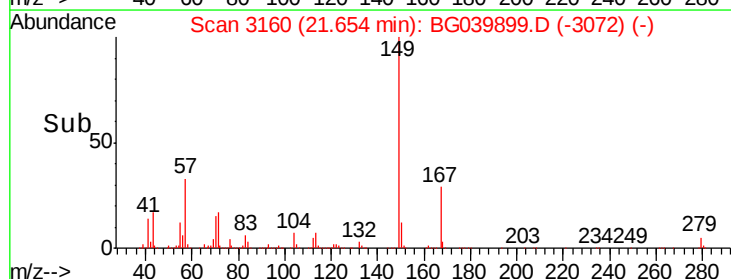
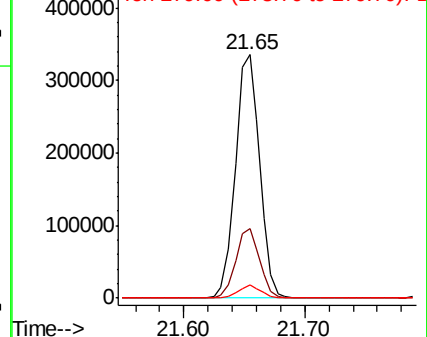


Abundance

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

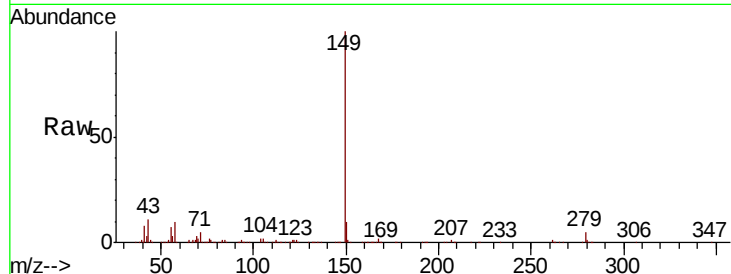




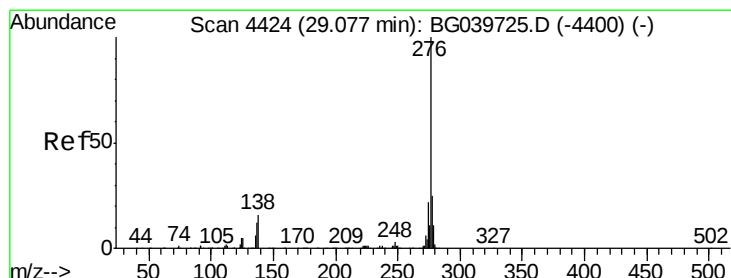
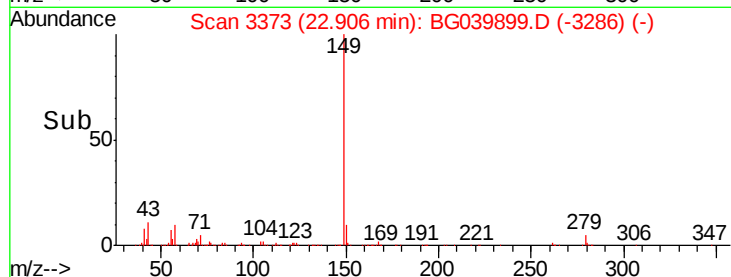
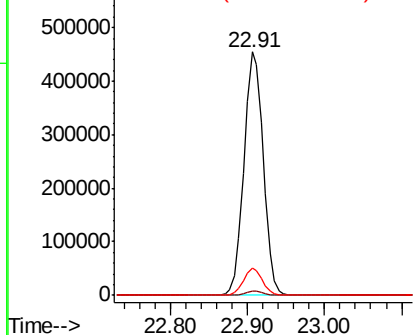
#85
Di-n-octyl phthalate
Concen: 43.975 ng
RT: 22.91 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :
PB117850BS

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

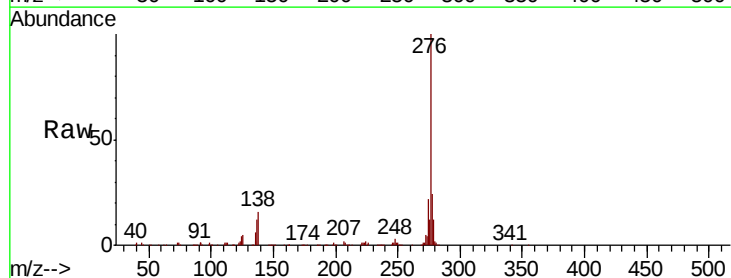


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

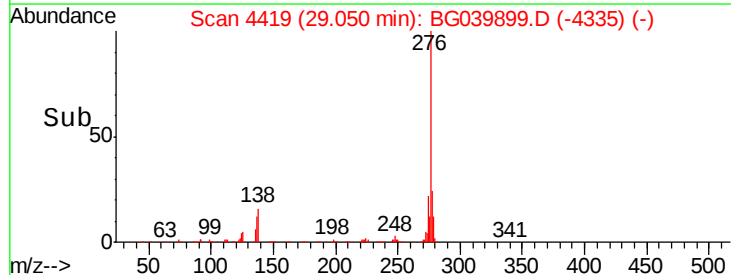
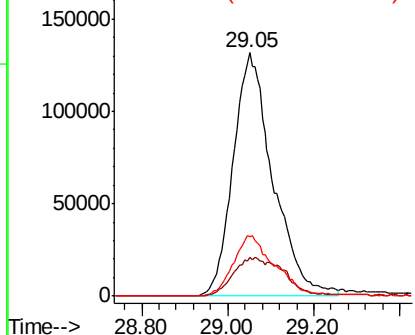


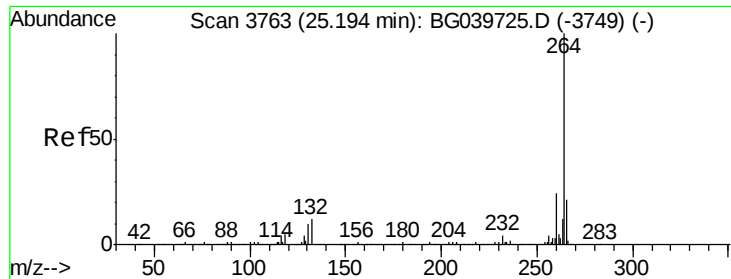
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.675 ng
RT: 29.05 min Scan# 4419
Delta R.T. -0.04 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

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 :

PB117850BS

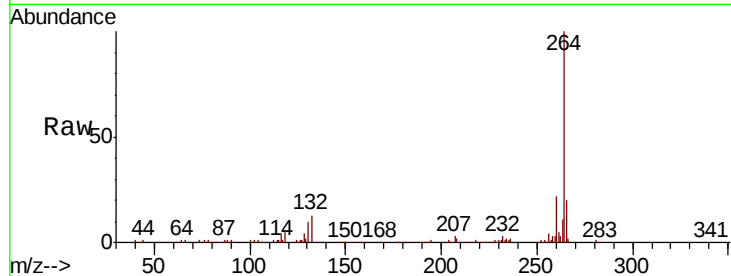
Tot Ion:264 Resp: 316189

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

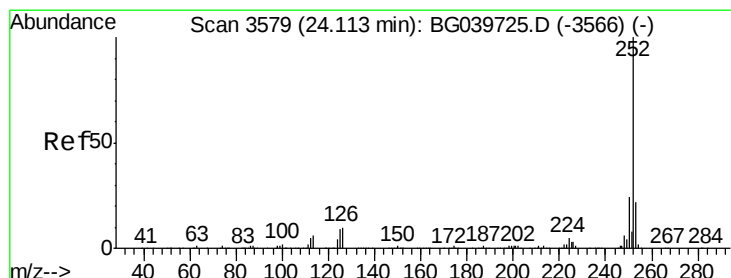
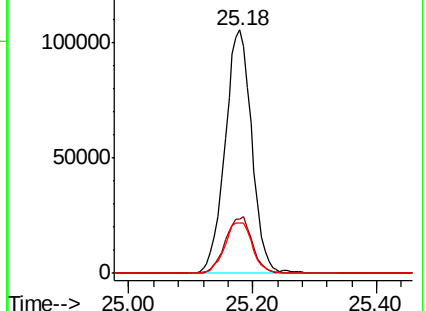
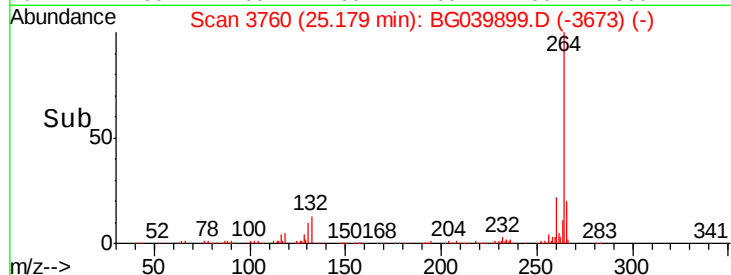
265 20.4 18.5 27.7



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

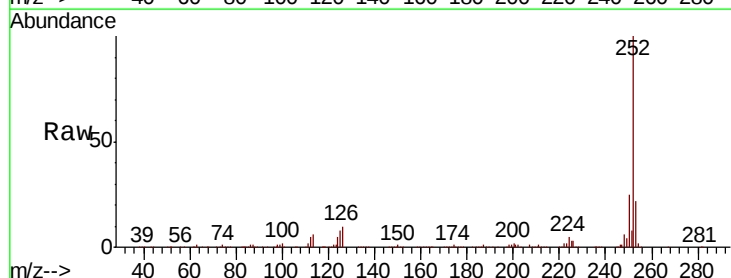
Tgt Ion:252 Resp: 771443

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

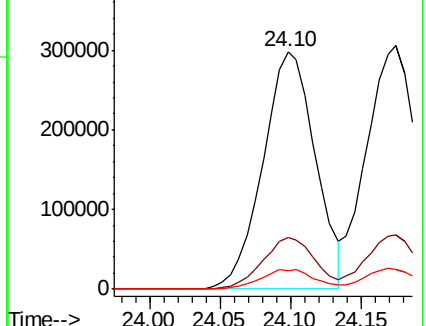
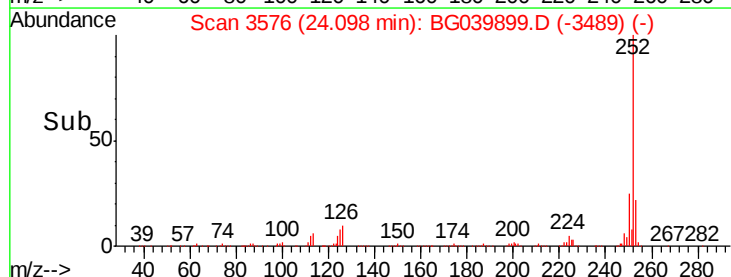
125 8.0 7.8 11.6

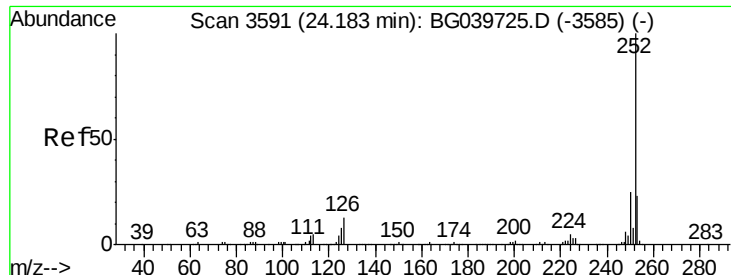


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

PB117850BS

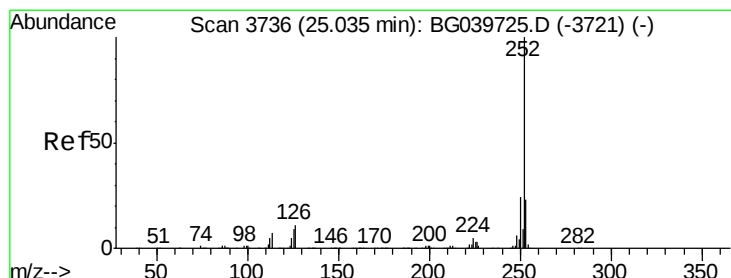
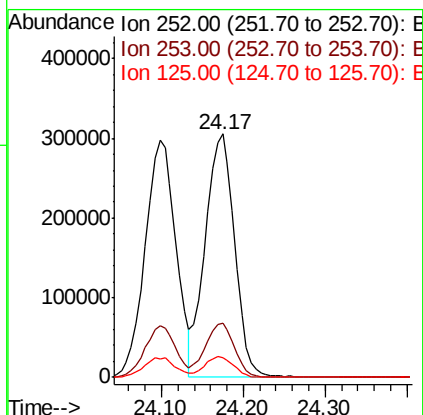
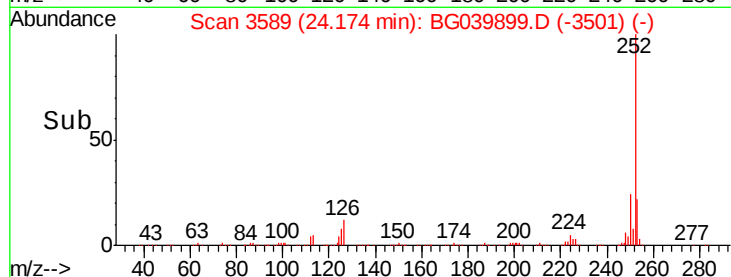
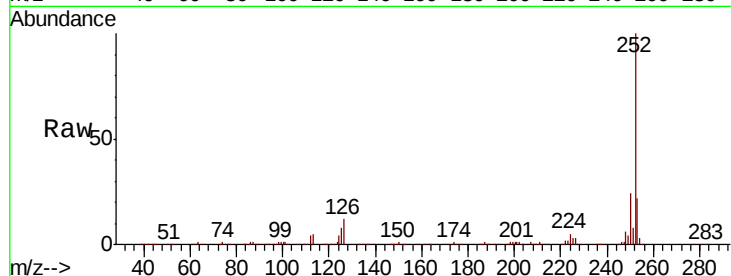
Tot Ion:252 Resp: 760849

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 8.0 7.4 11.2



#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

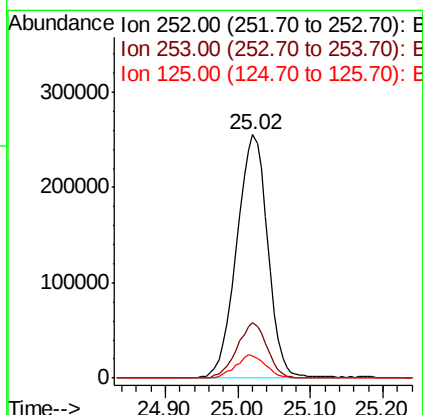
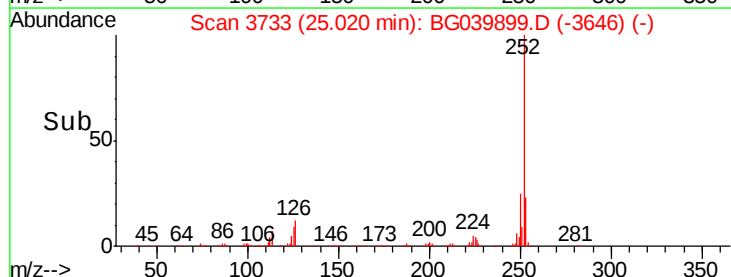
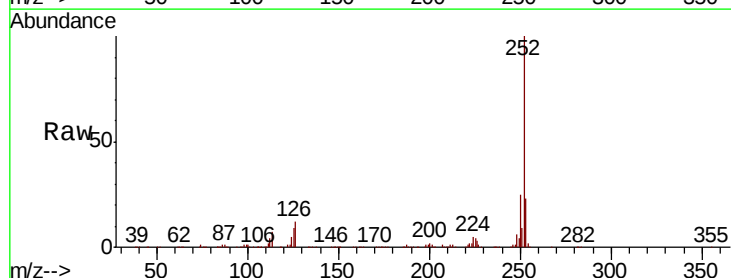
Tgt Ion:252 Resp: 760460

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 9.1 8.3 12.5

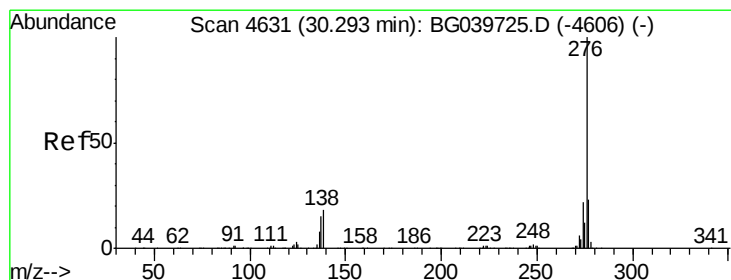
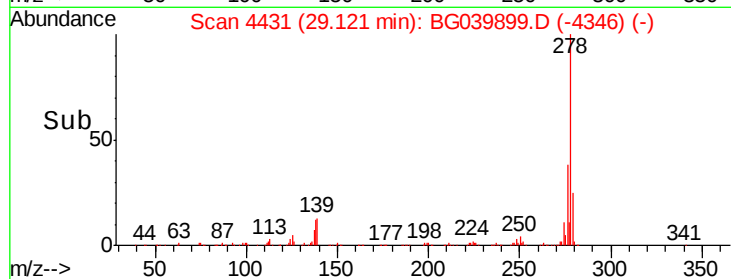
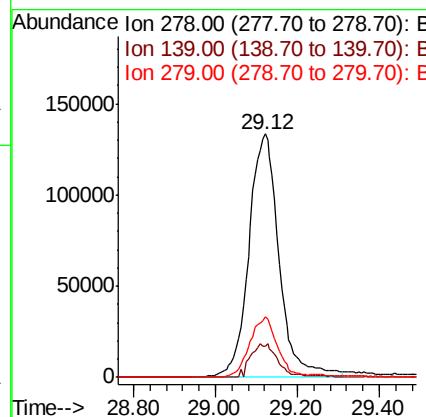
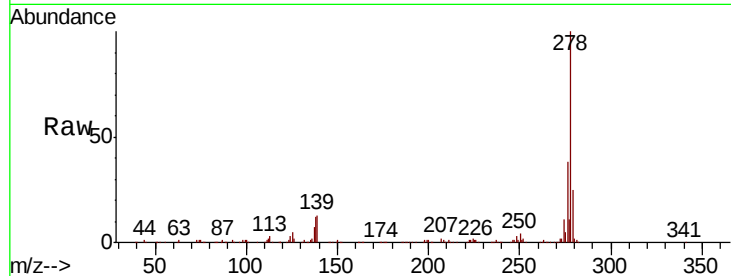




#91
Dibenzo(a,h)anthracene
Concen: 40.239 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.03 min
Lab File: BG039899.D
Acq: 13 Mar 2019 8:05

Instrument :
BNA_G
ClientSampleId :
PB117850BS

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



#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

