

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039992.D
 Acq On : 19 Mar 2019 5:47
 Operator : JU/SJ
 Sample : PB117977BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

Quant Time: Mar 19 07:53:36 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	8.14	152	43871	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	184321	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	120067	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	296622	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	294301	20.00	ng	-0.02
87) Perylene-d12	25.17	264	293798	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	377735	146.89	ng	-0.02
7) Phenol-d6	7.30	99	532357	138.84	ng	-0.01
23) Nitrobenzene-d5	9.32	82	328051	96.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	211217	150.93	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	770460	91.37	ng	-0.02
79) Terphenyl-d14	20.11	244	1194056	89.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	36016	30.336	ng	98
3) Pyridine	3.98	79	103705	32.628	ng	95
4) n-Nitrosodimethylamine	3.90	42	63488	42.106	ng	# 95
6) Aniline	7.47	93	103683	20.639	ng	98
8) 2-Chlorophenol	7.71	128	126783	40.638	ng	97
9) Benzaldehyde	7.28	77	63363	25.618	ng	96
10) Phenol	7.33	94	171359	41.253	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	124685	38.500	ng	96
12) 1,3-Dichlorobenzene	8.03	146	136540	38.697	ng	98
13) 1,4-Dichlorobenzene	8.18	146	137581	38.281	ng	98
14) 1,2-Dichlorobenzene	8.50	146	132547	38.171	ng	99
15) Benzyl Alcohol	8.39	79	124451	40.916	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	253064	39.070	ng	99
17) 2-Methylphenol	8.58	107	111337	42.036	ng	98
18) Hexachloroethane	9.23	117	49524	38.403	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	100533	36.427	ng	99
20) 3+4-Methylphenols	8.91	107	151886	41.278	ng	96
22) Acetophenone	8.98	105	195143	39.446	ng	# 96
24) Nitrobenzene	9.36	77	152908	42.768	ng	99
25) Isophorone	9.88	82	288475	40.397	ng	99
26) 2-Nitrophenol	10.07	139	74717	43.284	ng	# 92
27) 2,4-Dimethylphenol	10.12	122	125957	46.916	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	176019	40.561	ng	97
29) 2,4-Dichlorophenol	10.61	162	139761	46.237	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	142425	41.873	ng	96
31) Naphthalene	11.02	128	400955	41.086	ng	98
32) Benzoic acid	10.26	122	74158	41.298	ng	98
33) 4-Chloroaniline	11.13	127	46259	11.178	ng	97
34) Hexachlorobutadiene	11.28	225	96614	41.567	ng	95
35) Caprolactam	11.92	113	31894	27.622	ng	93
36) 4-Chloro-3-methylphenol	12.24	107	152606	44.042	ng	97
37) 2-Methylnaphthalene	12.61	142	300256	41.153	ng	99
38) 1-Methylnaphthalene	12.61	142	300256	42.347	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	172256	42.349	ng	100

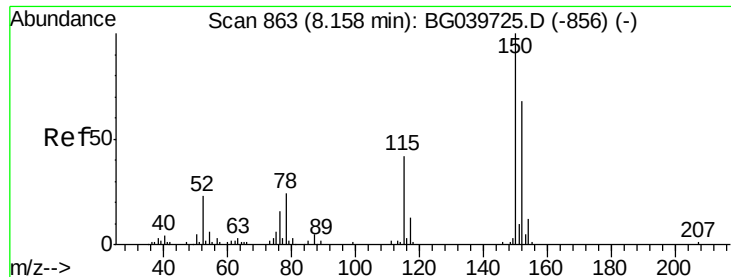
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	231523	106.212	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	119842	50.325	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	125596	46.790	ng	# 95
46) 1,1'-Biphenyl	13.61	154	409735	41.491	ng	99
47) 2-Chloronaphthalene	13.66	162	319126	42.956	ng	99
48) 2-Nitroaniline	13.87	65	114011	47.753	ng	96
49) Acenaphthylene	14.50	152	511743	41.961	ng	99
50) Dimethylphthalate	14.22	163	422367	42.069	ng	99
51) 2,6-Dinitrotoluene	14.35	165	96858	45.507	ng	98
52) Acenaphthene	14.84	154	307602	41.906	ng	99
53) 3-Nitroaniline	14.69	138	42525	19.876	ng	# 96
54) 2,4-Dinitrophenol	14.89	184	79019	60.259	ng	98
55) Dibenzofuran	15.17	168	509297	42.289	ng	97
56) 4-Nitrophenol	14.99	139	158136	82.624	ng	91
57) 2,4-Dinitrotoluene	15.14	165	137748	46.059	ng	# 89
58) Fluorene	15.81	166	408844	43.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	124198	47.377	ng	98
60) Diethylphthalate	15.57	149	436611	43.930	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	220451	43.635	ng	97
62) 4-Nitroaniline	15.86	138	102790	44.316	ng	95
63) Azobenzene	16.10	77	403739	44.814	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	78239	44.610	ng	97
66) n-Nitrosodiphenylamine	16.02	169	374733	43.638	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	141939	42.750	ng	96
68) Hexachlorobenzene	16.81	284	146322	42.516	ng	95
69) Atrazine	16.96	200	139303	41.218	ng	97
70) Pentachlorophenol	17.16	266	191372	88.046	ng	100
71) Phenanthrene	17.56	178	681554	41.715	ng	100
72) Anthracene	17.65	178	689042	43.278	ng	99
73) Carbazole	17.92	167	602839	42.000	ng	98
74) Di-n-butylphthalate	18.45	149	742684	43.978	ng	99
75) Fluoranthene	19.56	202	813054	42.108	ng	99
77) Benzidine	19.74	184	228041	24.418	ng	99
78) Pyrene	19.93	202	819821	42.869	ng	99
80) Butylbenzylphthalate	20.79	149	346621	46.783	ng	95
81) Benzo(a)anthracene	21.78	228	794540	43.077	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	132064	19.611	ng	100
83) Chrysene	21.86	228	739635	41.363	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	476795	45.795	ng	99
85) Di-n-octyl phthalate	22.90	149	811340	47.064	ng	97
86) Indeno(1,2,3-cd)pyrene	29.04	276	862824	42.533	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	768182	43.847	ng	98
89) Benzo(k)fluoranthene	24.16	252	738046	45.256	ng	98
90) Benzo(a)pyrene	25.01	252	740513	45.741	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	698050	43.982	ng	98
92) Benzo(g,h,i)perylene	30.27	276	719202	45.120	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

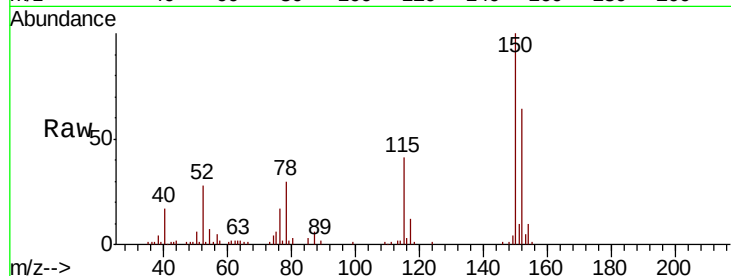
Tgt Ion:152 Resp: 43871

Ion Ratio Lower Upper

152 100

150 156.6 123.7 185.5

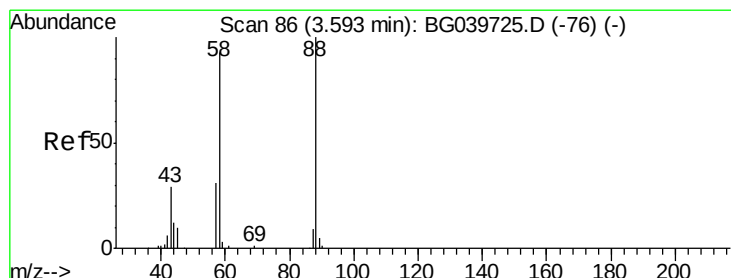
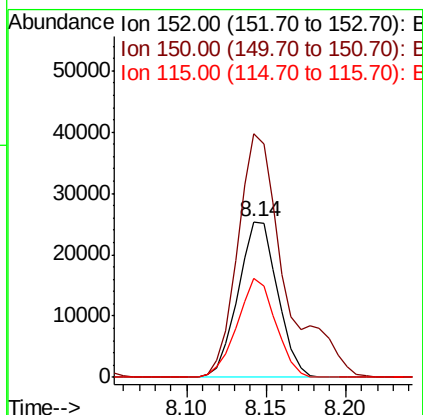
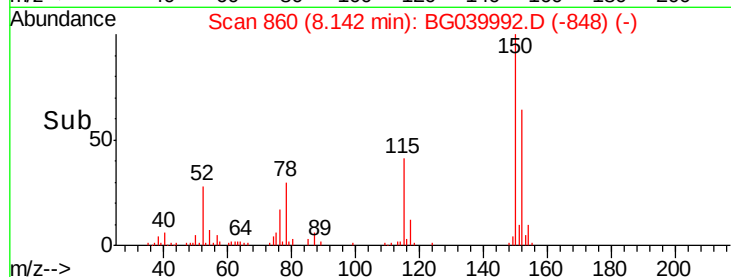
115 63.7 45.9 68.9



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: 30.336 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

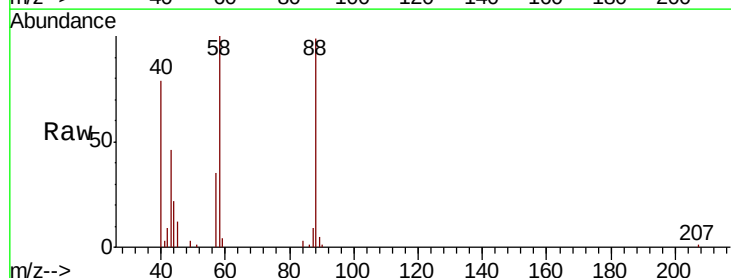
Tgt Ion: 88 Resp: 36016

Ion Ratio Lower Upper

88 100

58 100.4 81.1 121.7

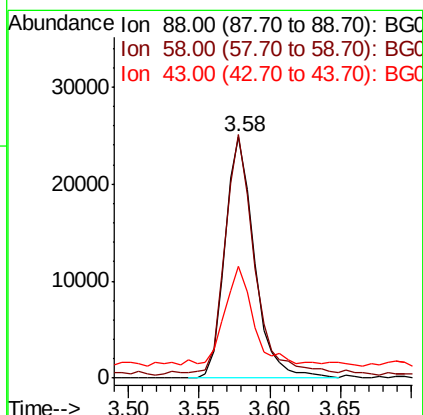
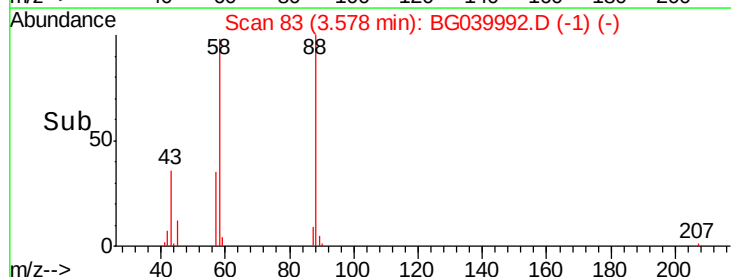
43 41.0 31.4 47.0

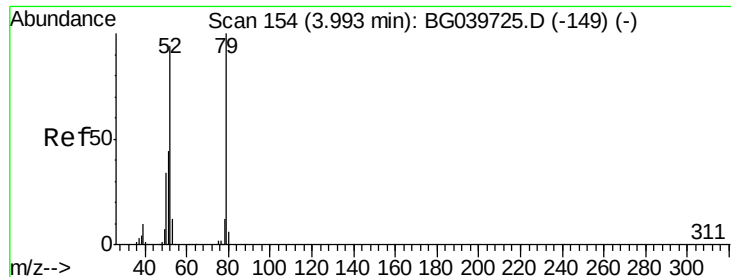


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.628 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

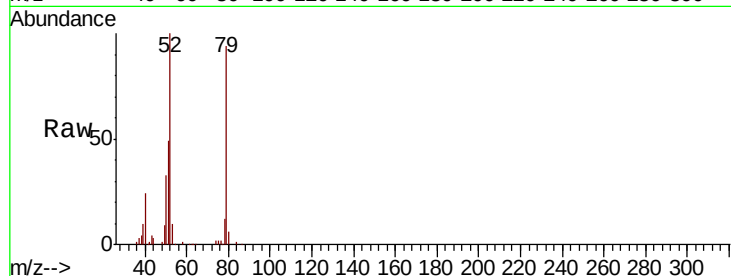
Tgt Ion: 79 Resp: 103705

Ion Ratio Lower Upper

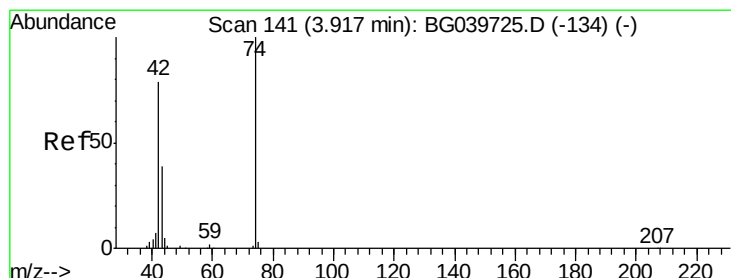
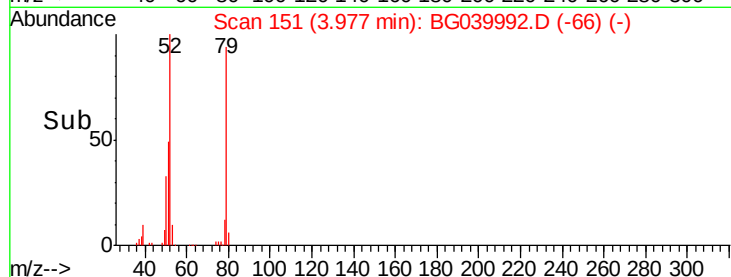
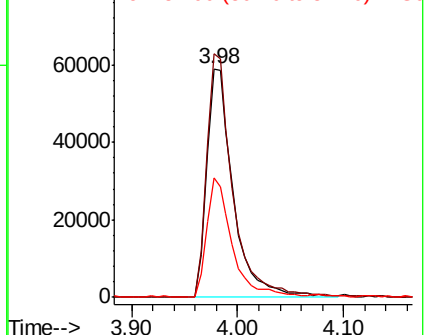
79 100

52 106.6 82.6 124.0

51 52.4 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: 42.106 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

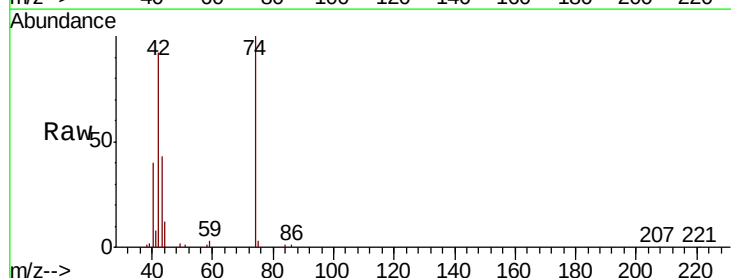
Tgt Ion: 42 Resp: 63488

Ion Ratio Lower Upper

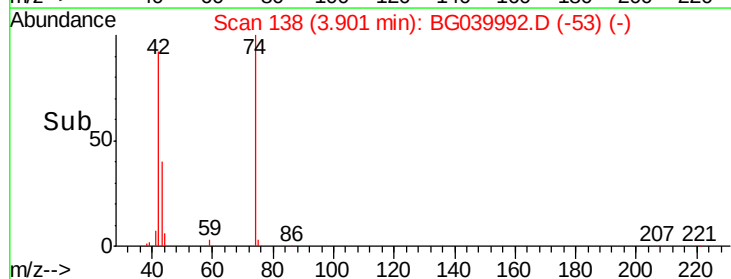
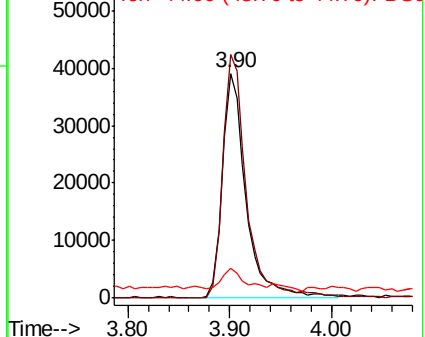
42 100

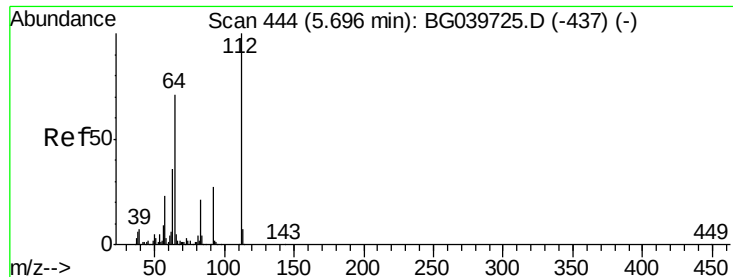
74 108.5 83.6 125.4

44 13.2 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: 146.890 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

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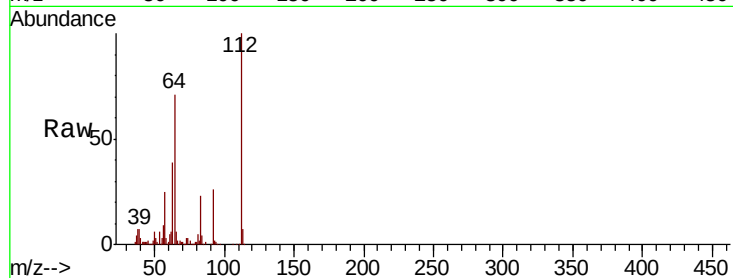
Tgt Ion: 112 Resp: 377735

Ion Ratio Lower Upper

112 100

64 71.0 57.8 86.8

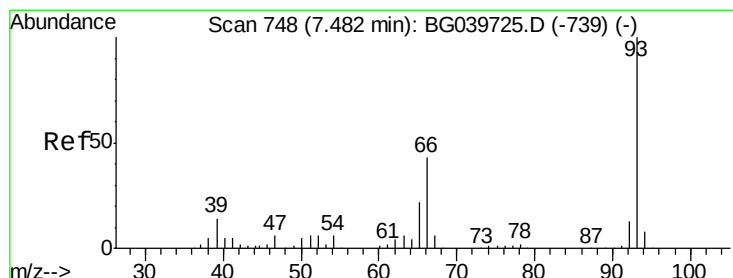
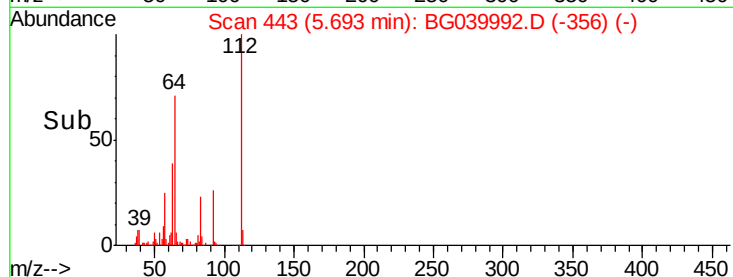
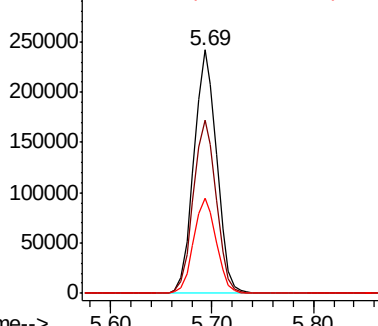
63 39.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.639 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

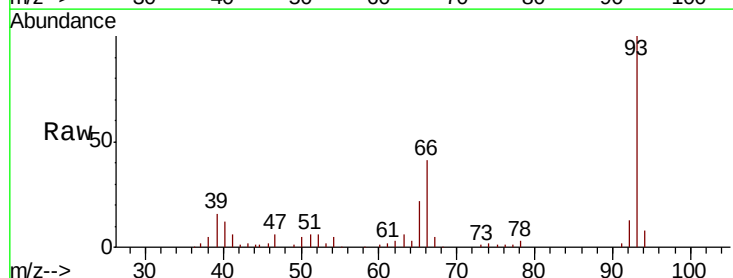
Tgt Ion: 93 Resp: 103683

Ion Ratio Lower Upper

93 100

66 41.0 34.2 51.4

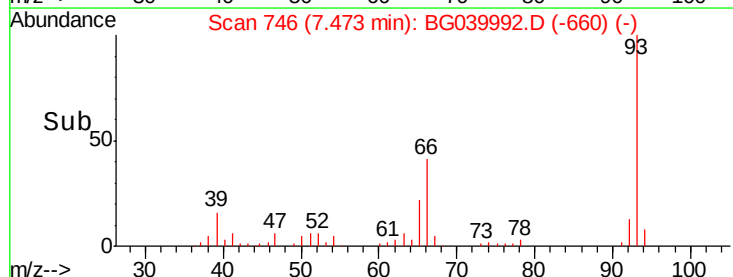
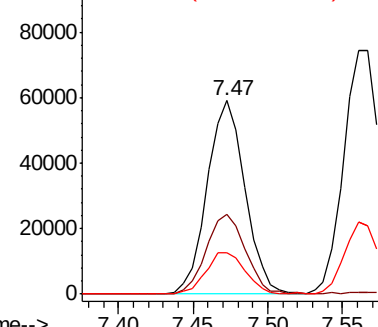
65 21.7 17.7 26.5

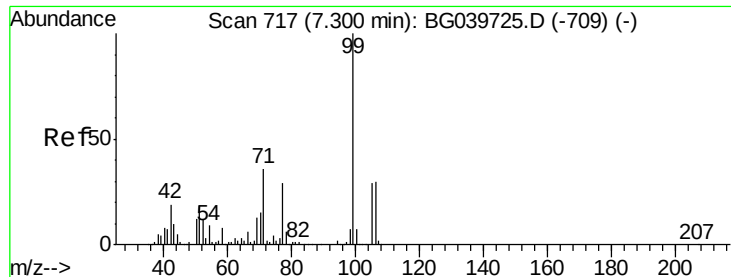


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.839 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039992.D

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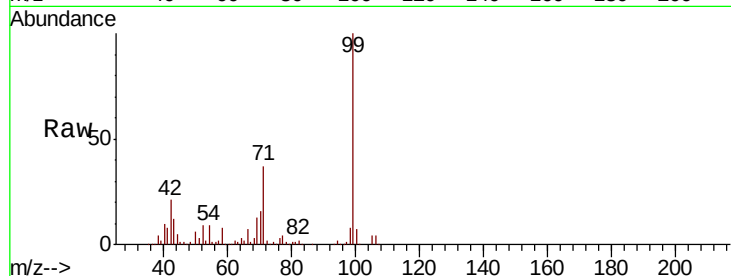
Tgt Ion: 99 Resp: 532357

Ion Ratio Lower Upper

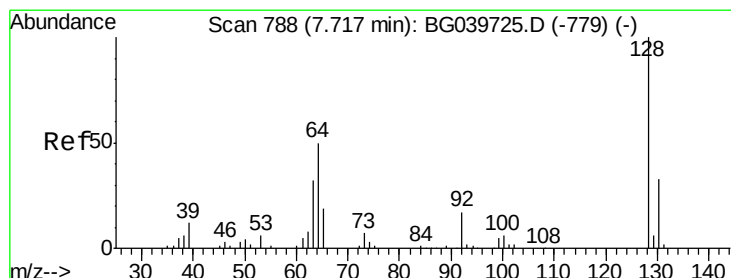
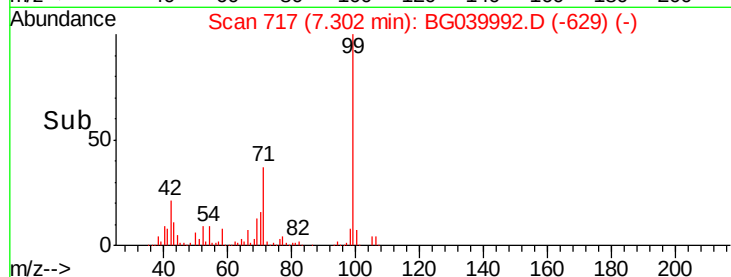
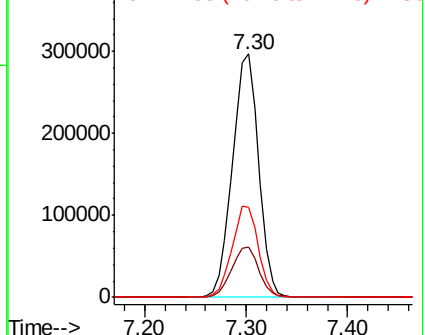
99 100

42 20.7 18.2 27.2

71 37.1 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: 40.638 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

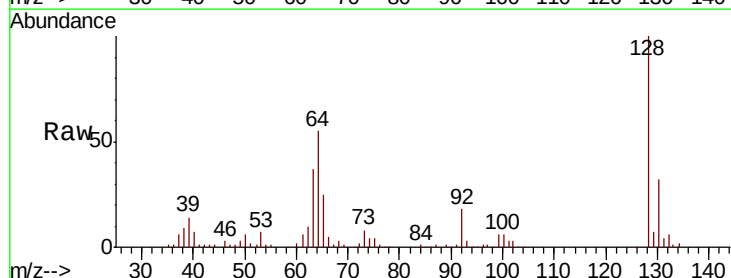
Tgt Ion: 128 Resp: 126783

Ion Ratio Lower Upper

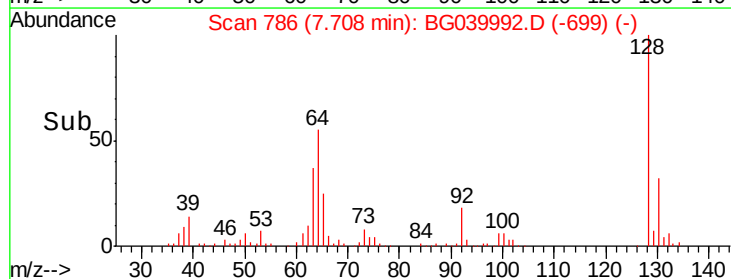
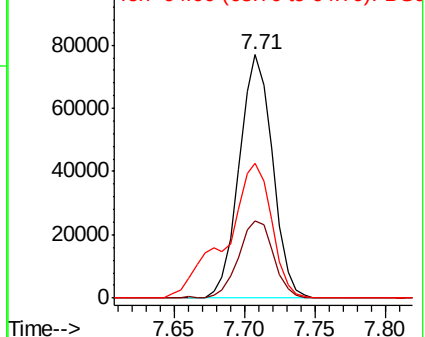
128 100

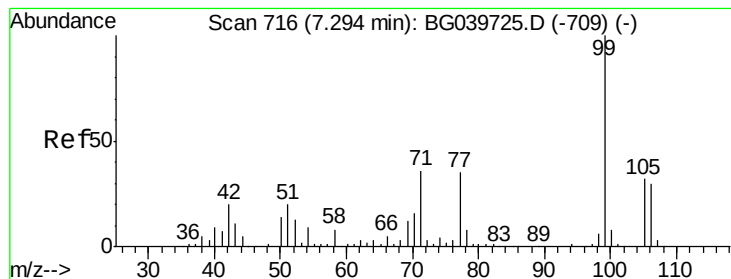
130 31.9 12.9 52.9

64 55.4 38.7 78.7



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





#9

Benzaldehyde

Concen: 25.618 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

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PB117977BS

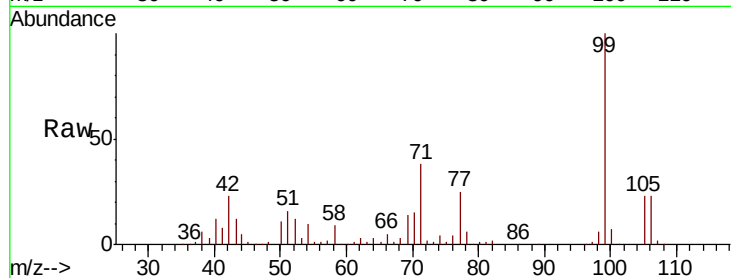
Tgt Ion: 77 Resp: 63363

Ion Ratio Lower Upper

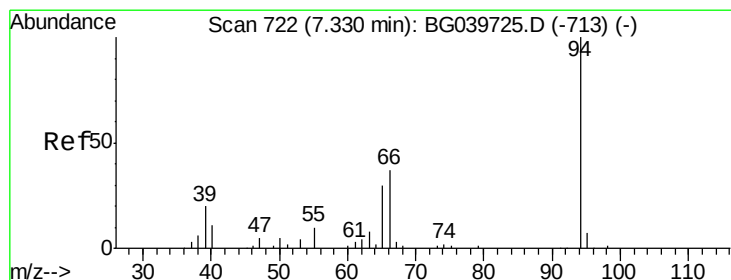
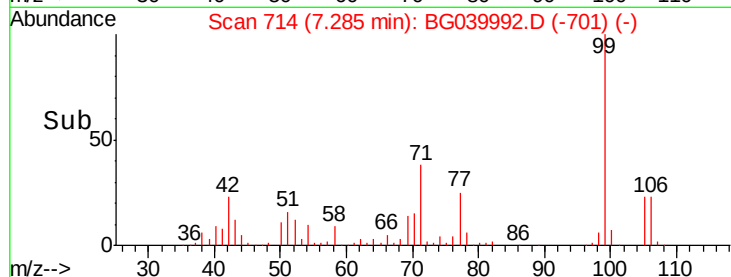
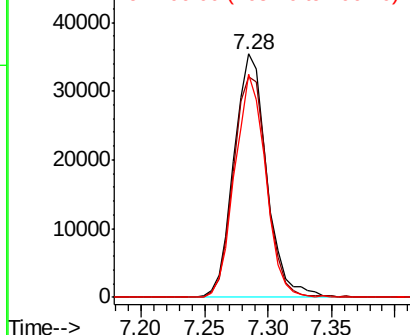
77 100

105 90.8 74.5 114.5

106 91.7 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: 41.253 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

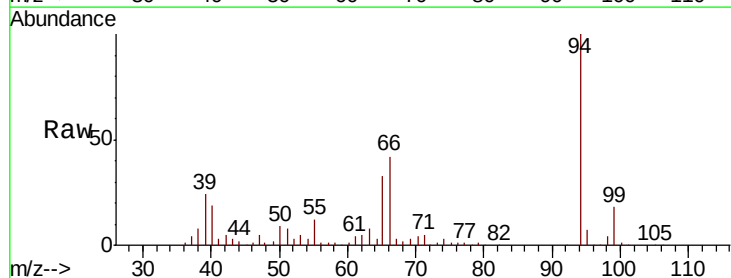
Tgt Ion: 94 Resp: 171359

Ion Ratio Lower Upper

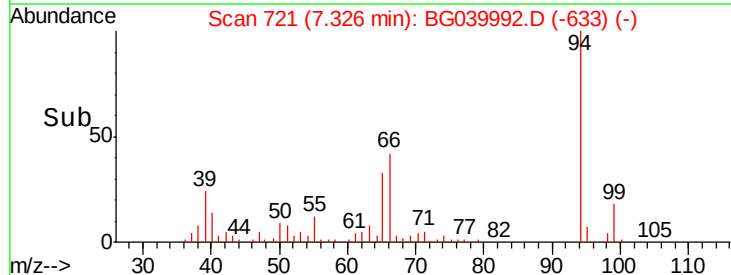
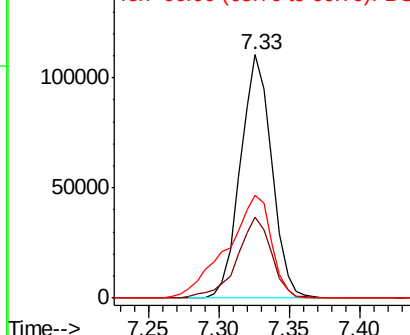
94 100

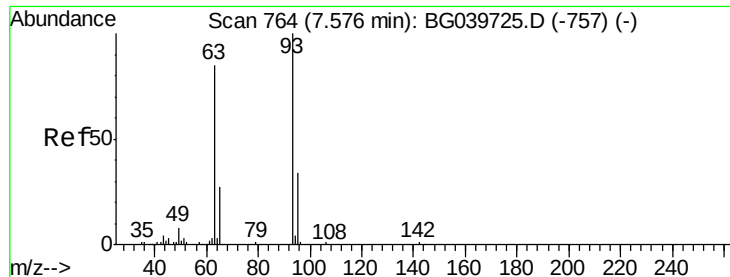
65 33.4 11.7 51.7

66 42.1 23.7 63.7



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

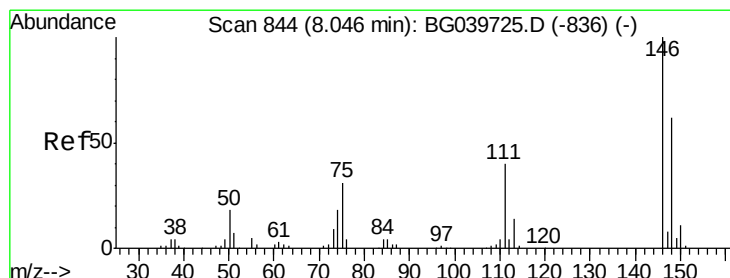
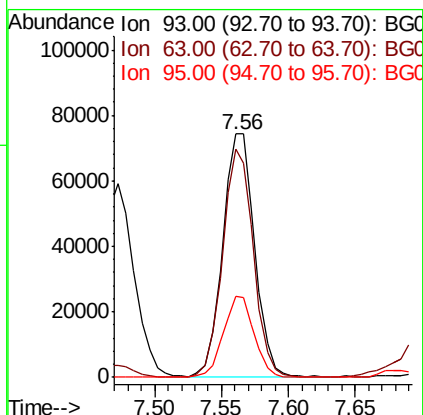
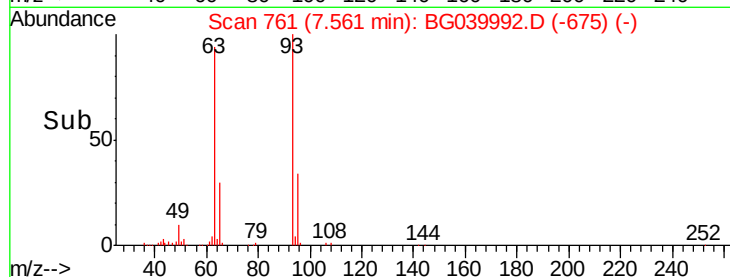
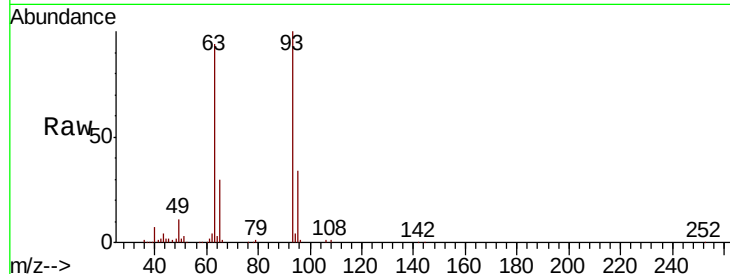




#11
 bis(2-Chloroethyl)ether
 Concen: 38.500 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

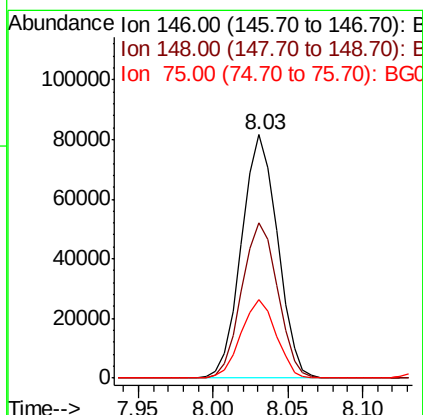
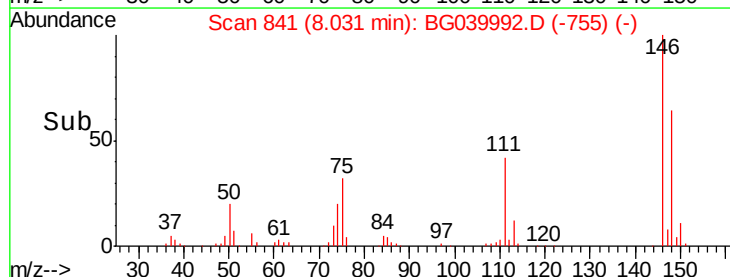
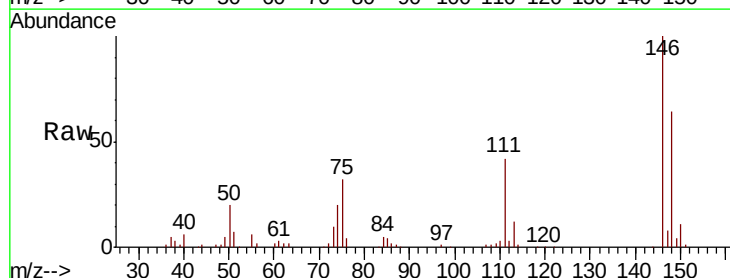
Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

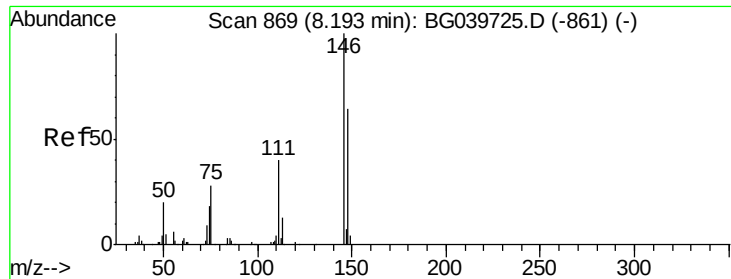
Tgt Ion: 93 Resp: 124685
 Ion Ratio Lower Upper
 93 100
 63 93.6 69.5 109.5
 95 33.5 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 38.697 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion: 146 Resp: 136540
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.6 79.0
 75 32.3 25.8 38.6

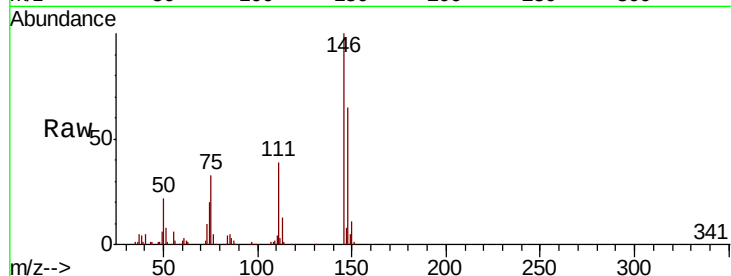




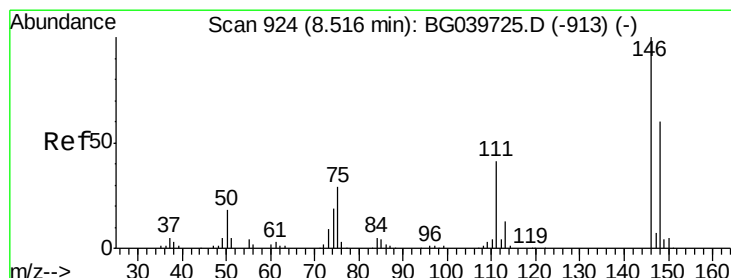
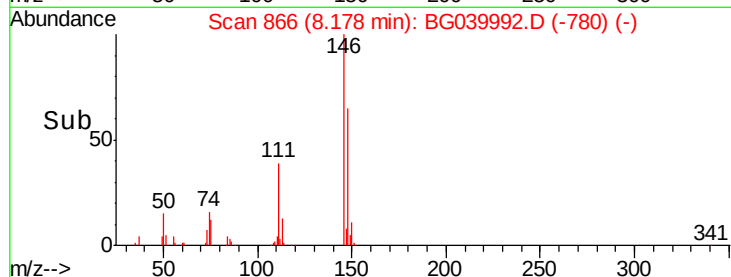
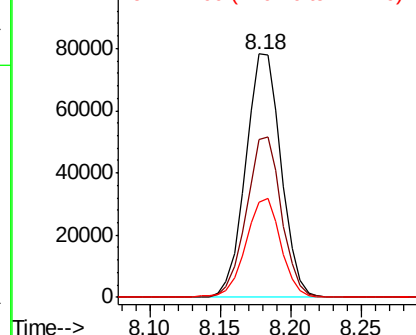
#13
 1,4-Dichlorobenzene
 Concen: 38.281 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

Tgt Ion:146 Resp: 137581
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 39.3 32.6 48.8

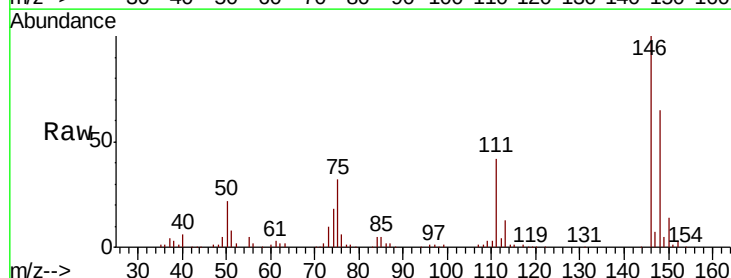


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

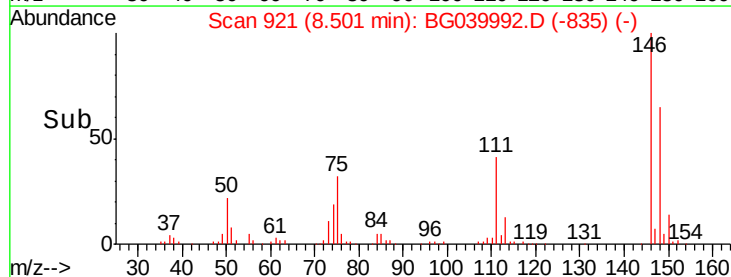
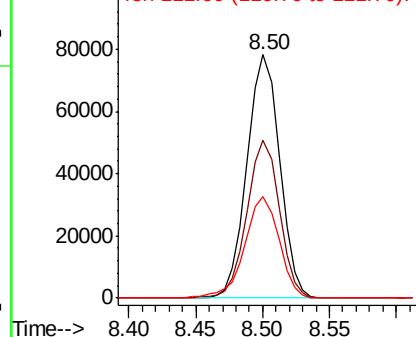


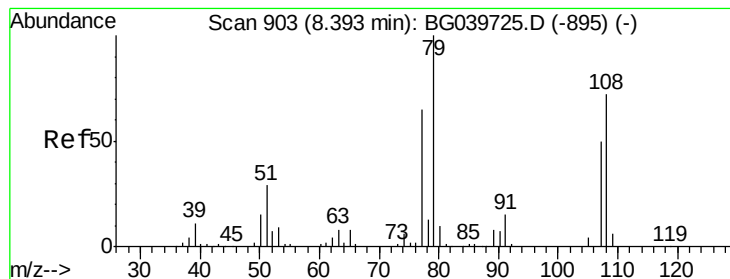
#14
 1,2-Dichlorobenzene
 Concen: 38.171 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion:146 Resp: 132547
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.5 77.3
 111 41.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.916 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

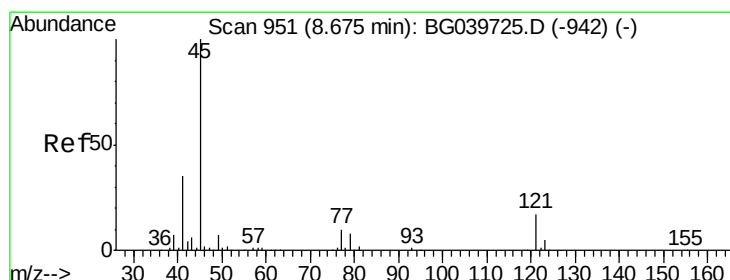
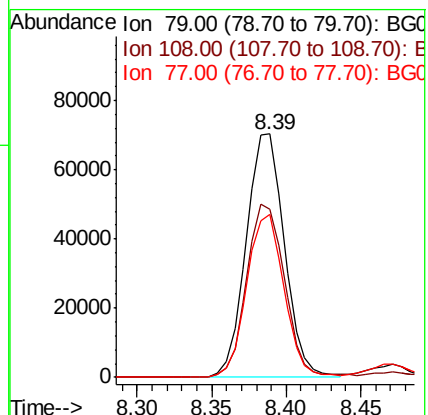
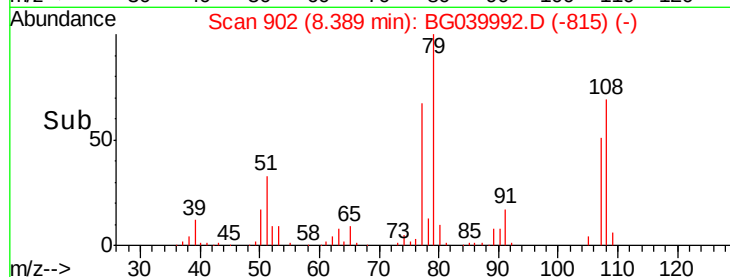
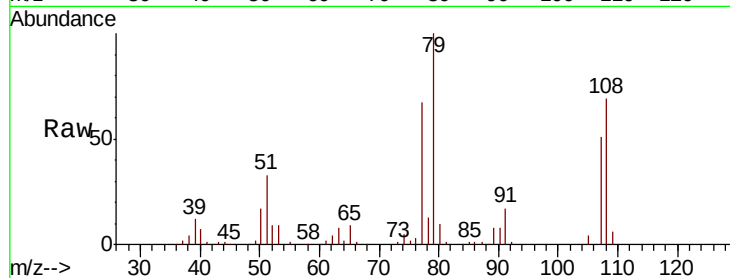
Tgt Ion: 79 Resp: 124451

Ion Ratio Lower Upper

79 100

108 69.2 57.8 86.6

77 66.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.070 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

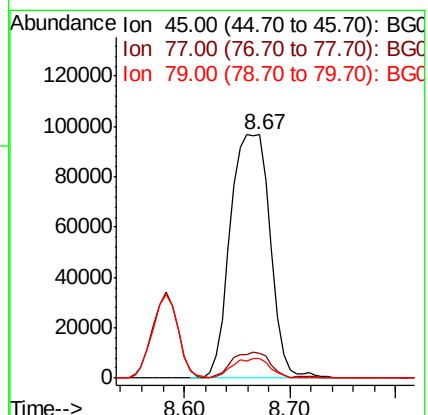
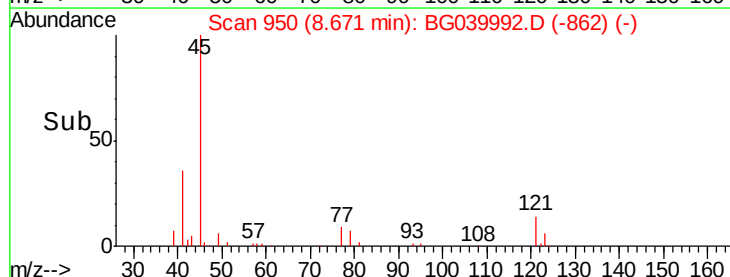
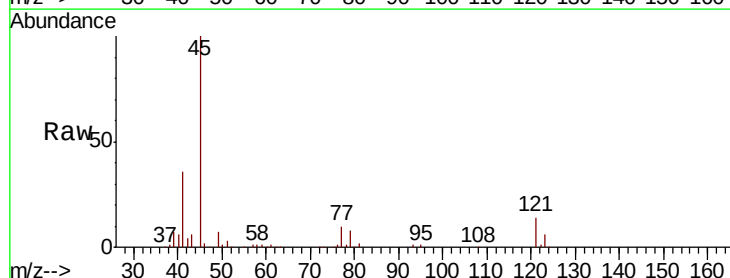
Tgt Ion: 45 Resp: 253064

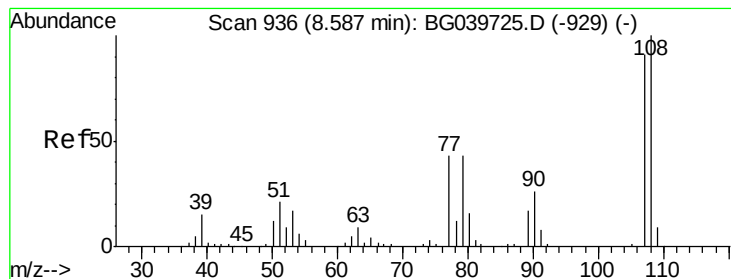
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 8.0 0.0 27.5





#17

2-Methylphenol

Concen: 42.036 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

Tgt Ion:107 Resp: 111337

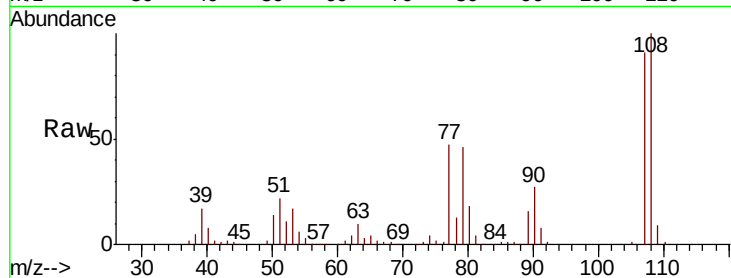
Ion Ratio Lower Upper

107 100

108 110.5 90.8 136.2

77 52.3 40.7 61.1

79 50.6 40.6 60.8



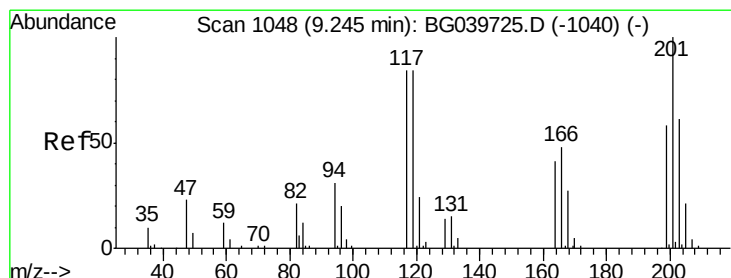
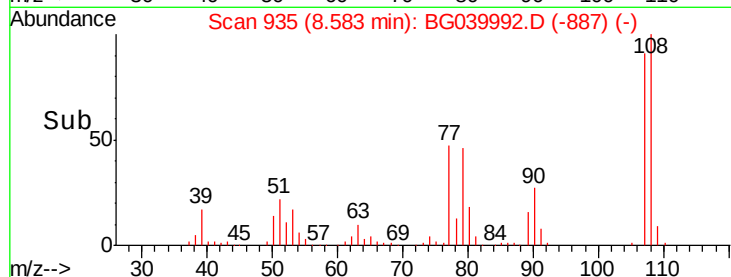
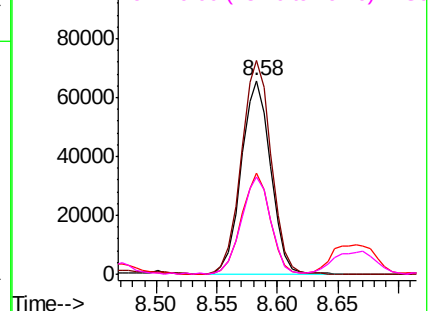
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.403 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

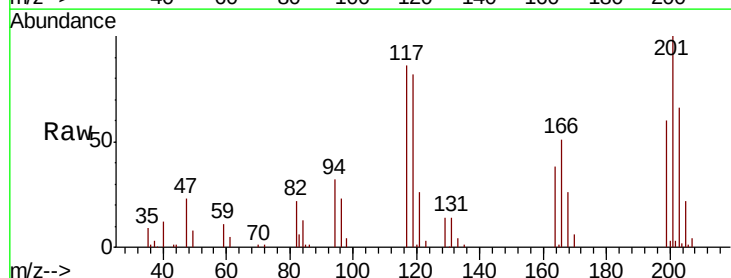
Tgt Ion:117 Resp: 49524

Ion Ratio Lower Upper

117 100

119 95.3 76.3 114.5

201 115.8 91.1 136.7

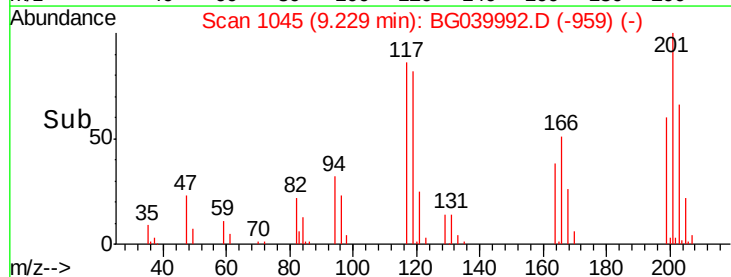
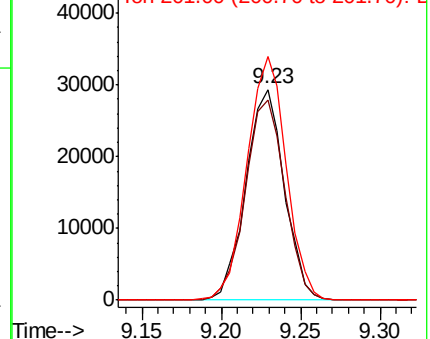


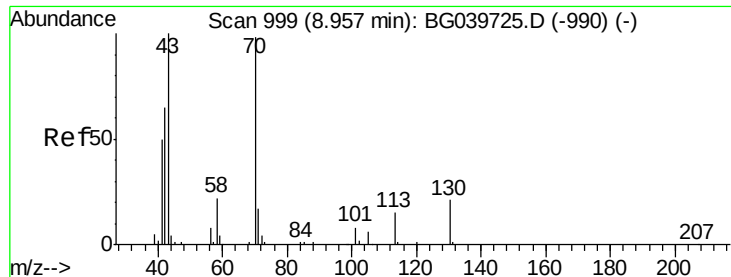
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

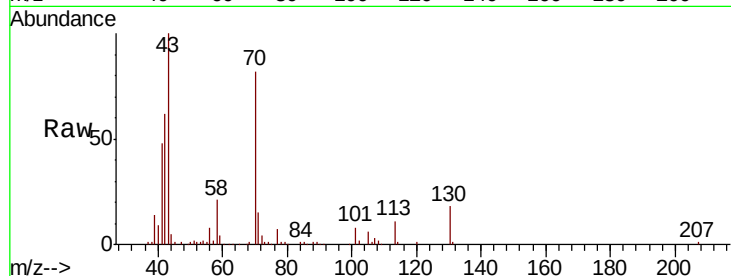




#19
n-Nitroso-di-n-propylamine
Concen: 36.427 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :
PB117977BS

Tgt Ion:	70	Resp:	100533
Ion	Ratio	Lower	Upper
70	100		
42	75.5	60.4	90.6
101	10.3	7.5	11.3
130	21.9	16.9	25.3



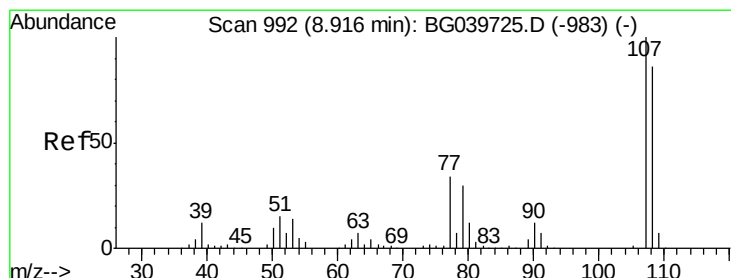
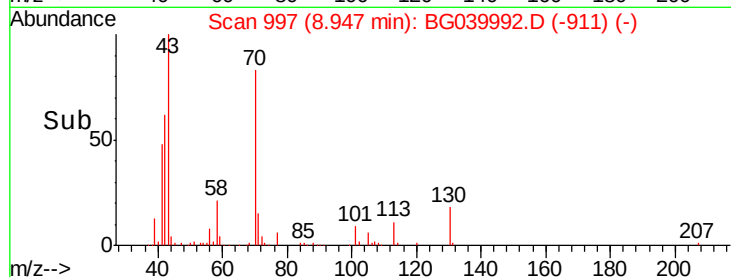
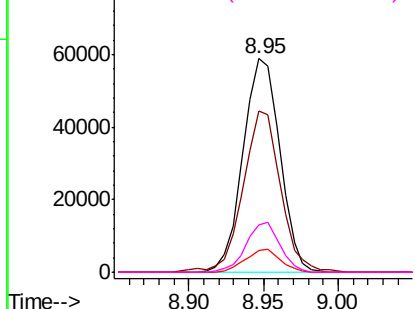
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

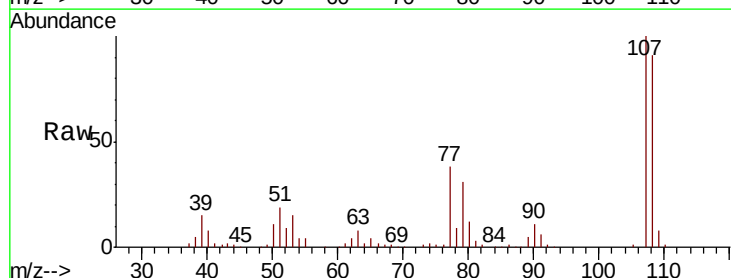
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 41.278 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion:	107	Resp:	151886
Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.9	107.9
77	37.5	15.4	55.4
79	31.1	13.7	53.7



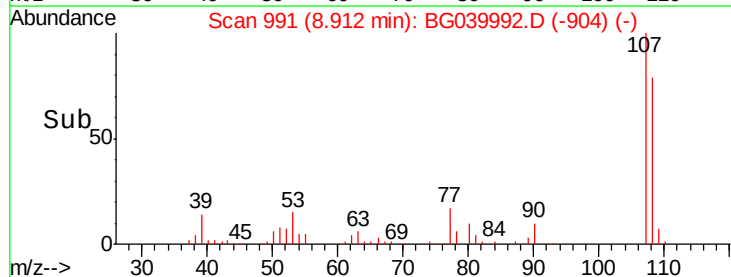
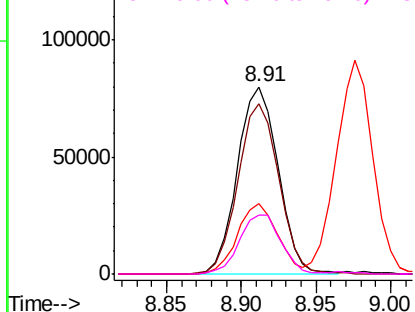
Abundance

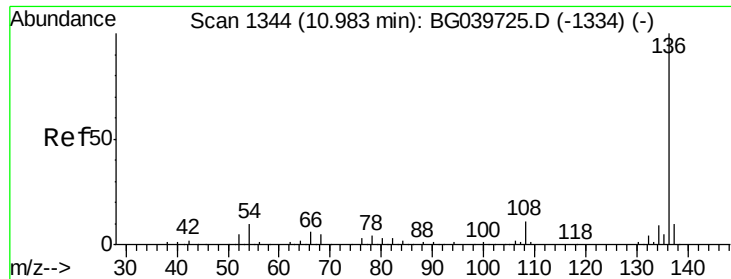
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

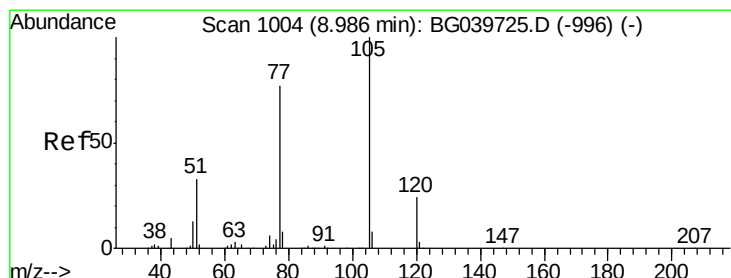
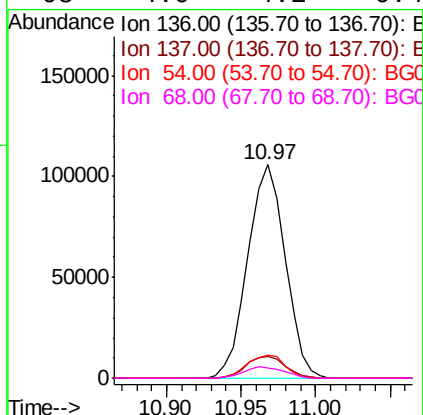
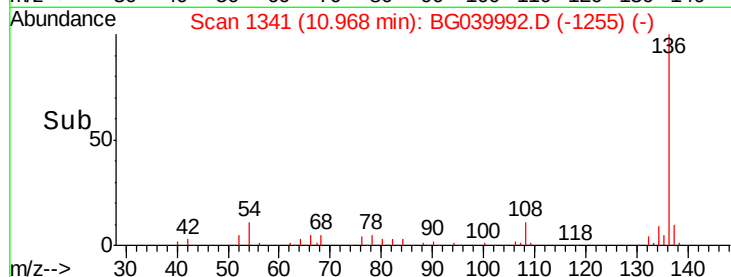
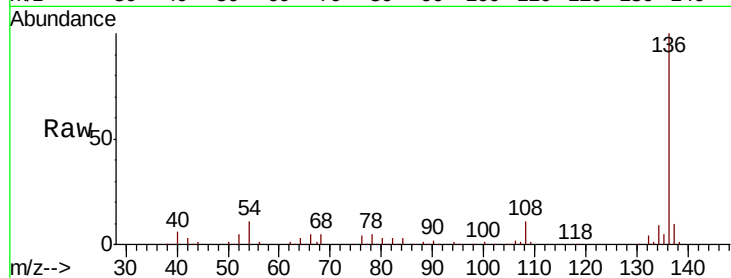




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

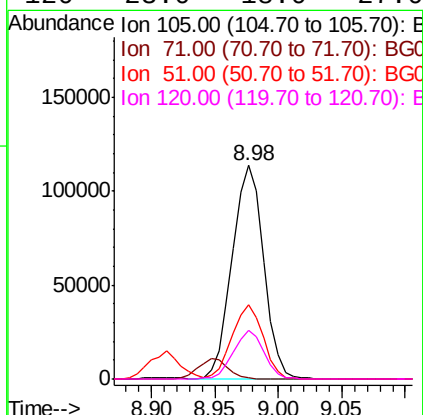
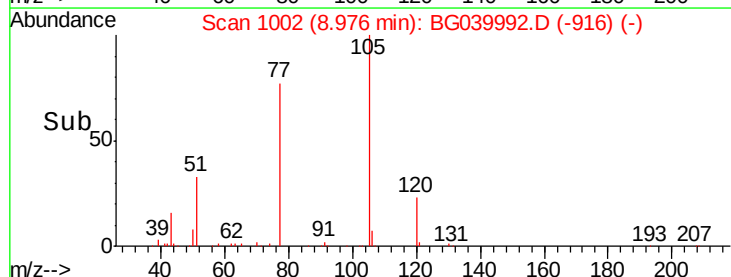
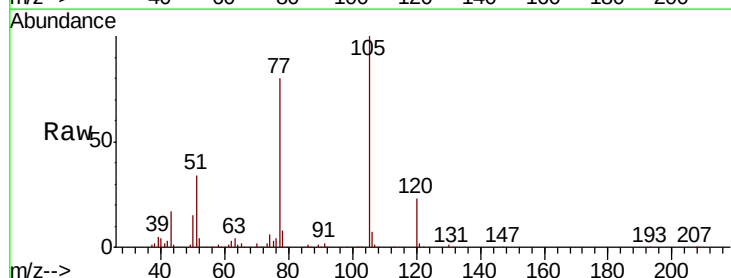
Instrument :
BNA_G
ClientSampleId :
PB117977BS

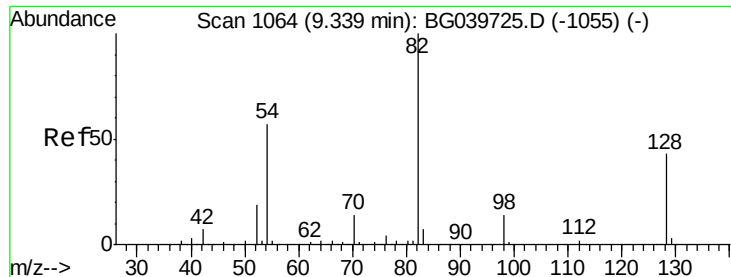
Tgt Ion:	136	Resp:	184321
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	10.9	9.4	14.2
68	4.9	4.2	6.4



#22
Acetophenone
Concen: 39.446 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion:	105	Resp:	195143
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	34.5	30.2	45.2
120	23.0	18.0	27.0

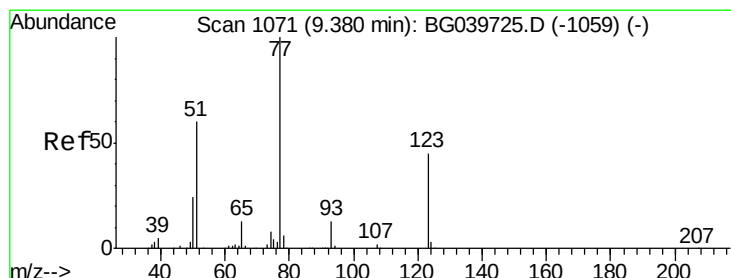
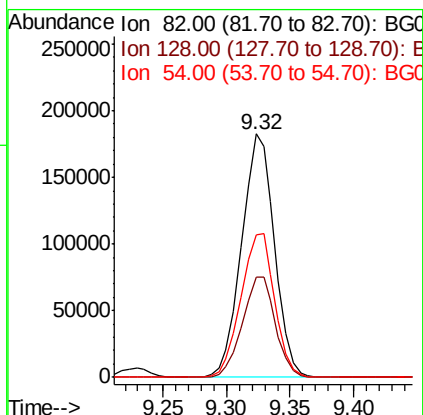
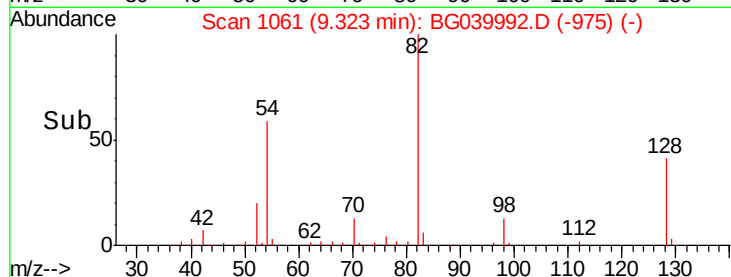
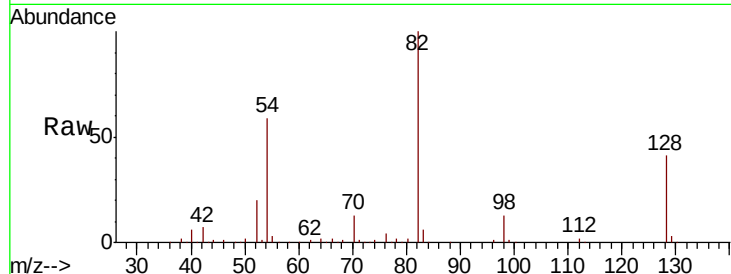




#23
 Nitrobenzene-d5
 Concen: 96.258 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

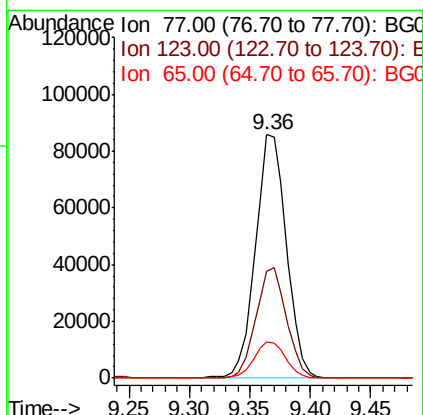
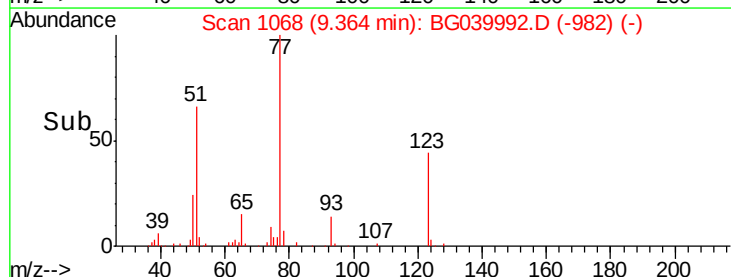
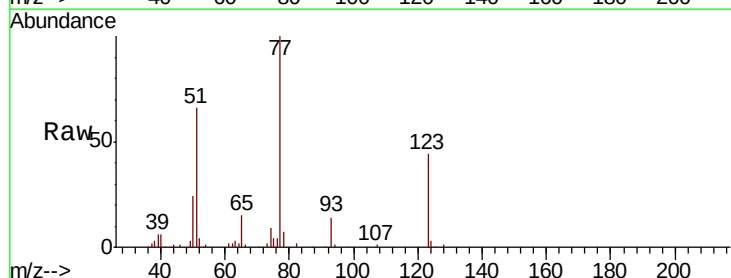
Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

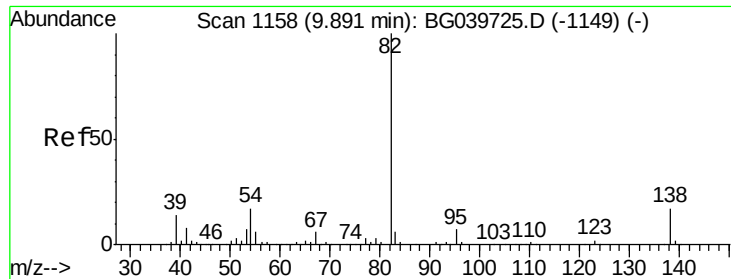
Tgt Ion:	82	Resp:	328051
Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.3	46.9
54	58.8	50.9	76.3



#24
 Nitrobenzene
 Concen: 42.768 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion:	77	Resp:	152908
Ion	Ratio	Lower	Upper
77	100		
123	43.6	34.1	51.1
65	15.0	12.3	18.5





#25

Isophorone

Concen: 40.397 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

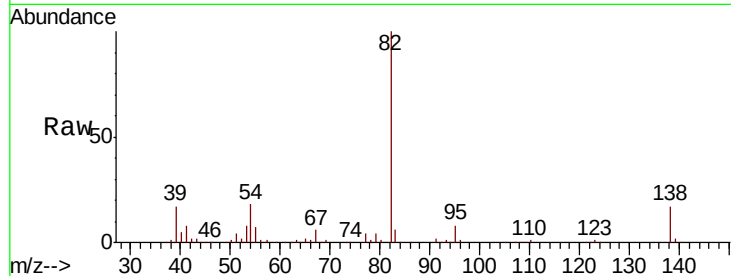
Tgt Ion: 82 Resp: 288475

Ion Ratio Lower Upper

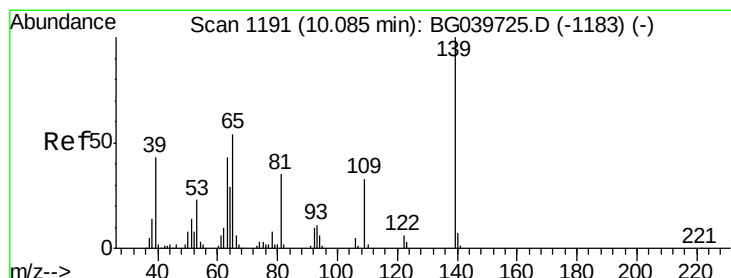
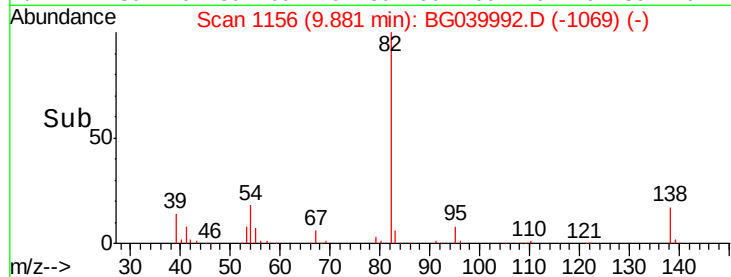
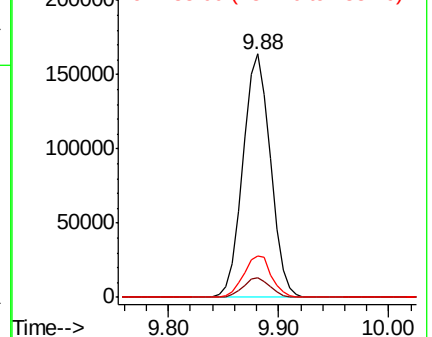
82 100

95 7.8 6.2 9.2

138 17.0 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: 43.284 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

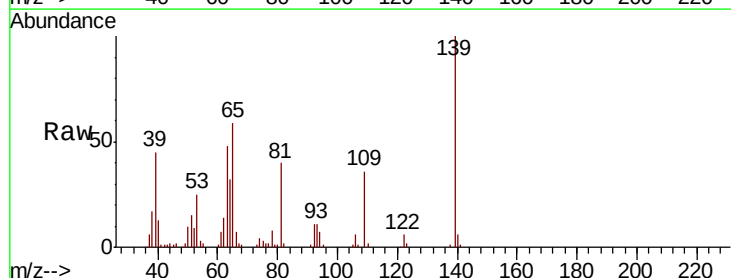
Tgt Ion: 139 Resp: 74717

Ion Ratio Lower Upper

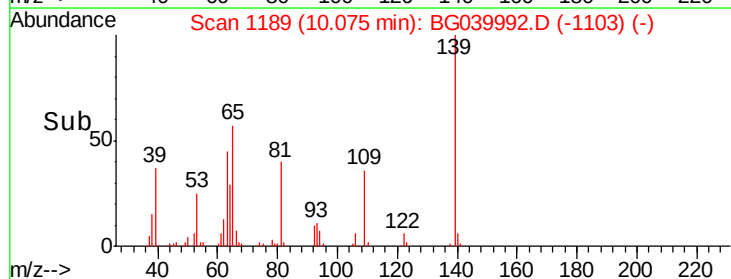
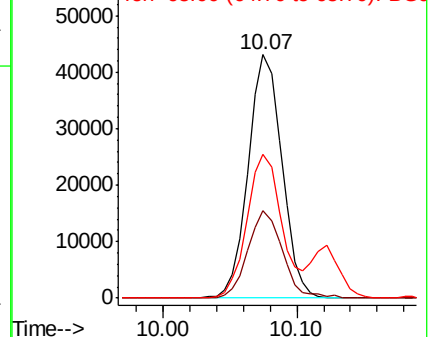
139 100

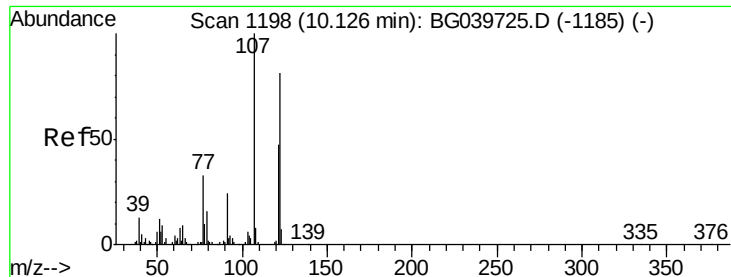
109 36.1 23.4 35.0#

65 59.3 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

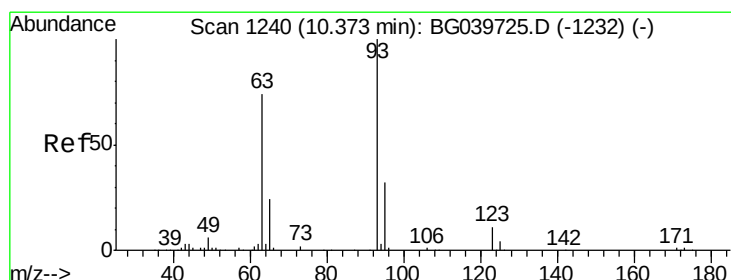
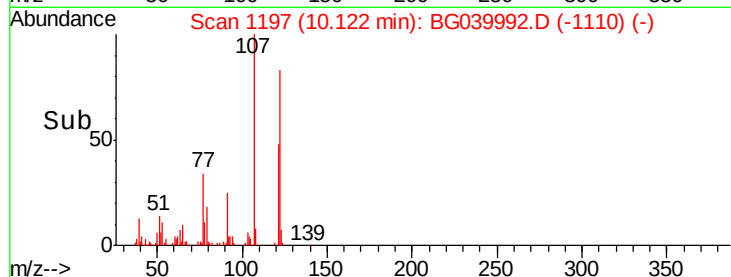
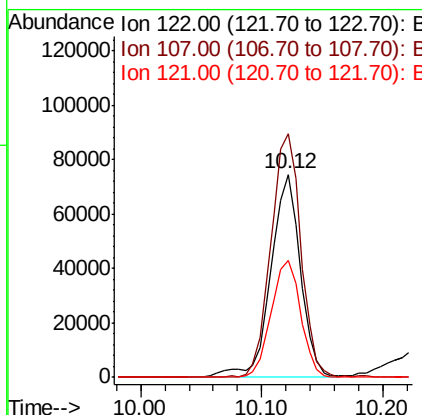
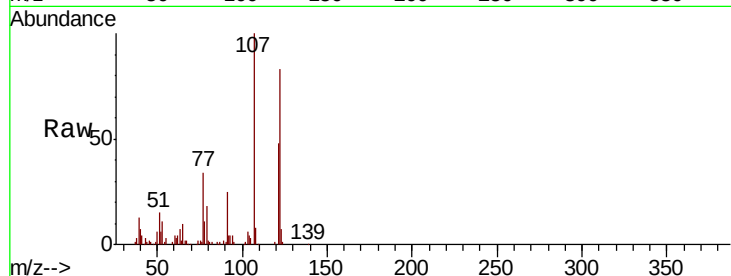




#27
2,4-Dimethylphenol
Concen: 46.916 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

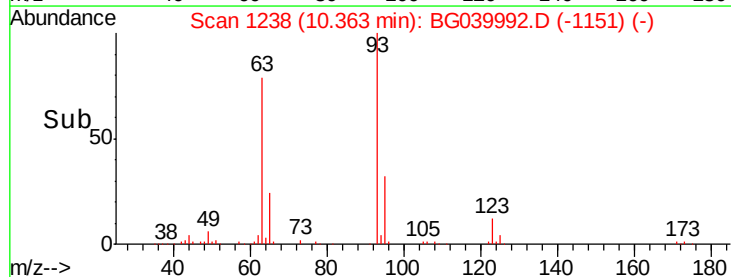
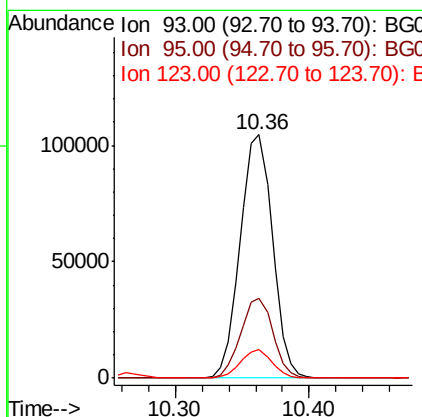
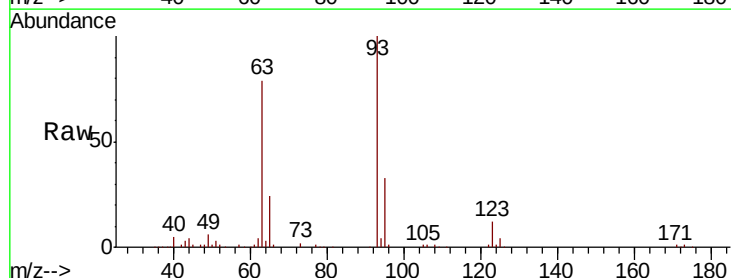
Instrument :
BNA_G
ClientSampleId :
PB117977BS

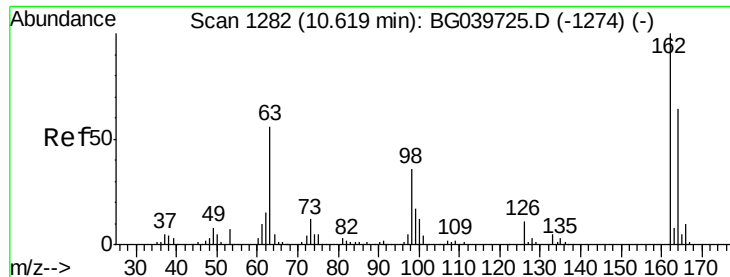
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.9	91.7	137.5
121	57.7	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.561 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.0	37.4
123	12.0	8.6	12.8

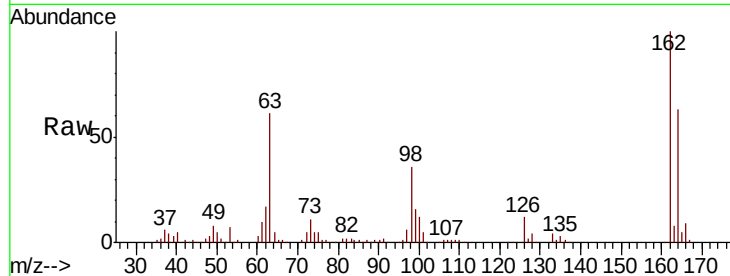




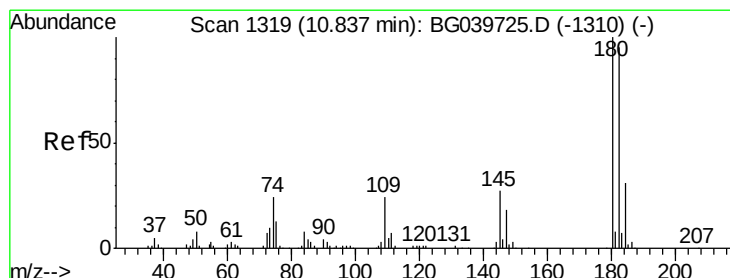
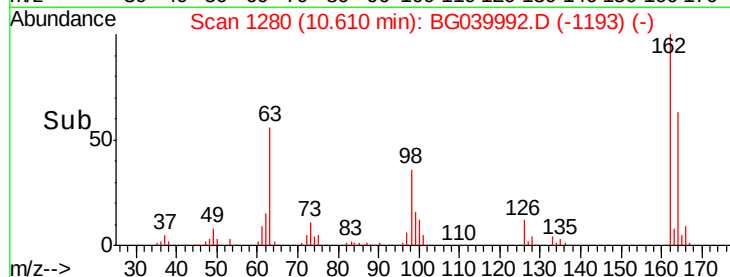
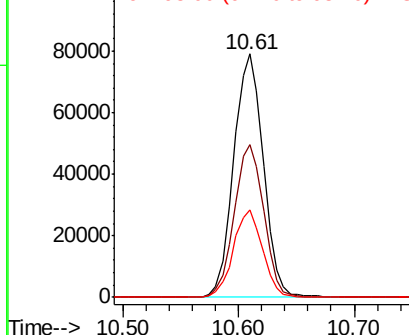
#29
 2,4-Dichlorophenol
 Concen: 46.237 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	48.1	88.1
98	36.1	18.1	58.1

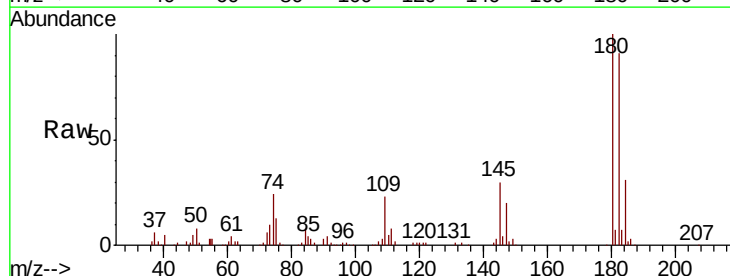


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

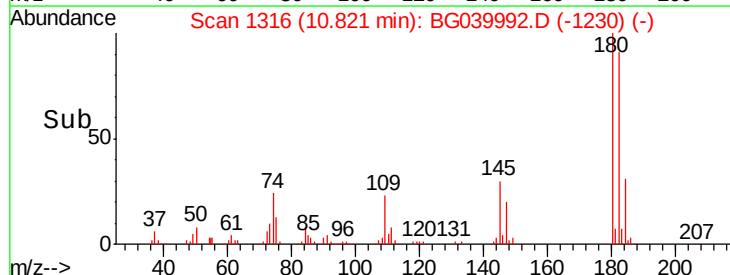
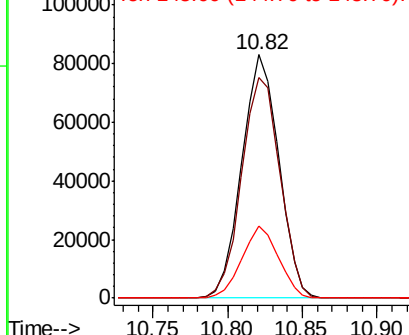


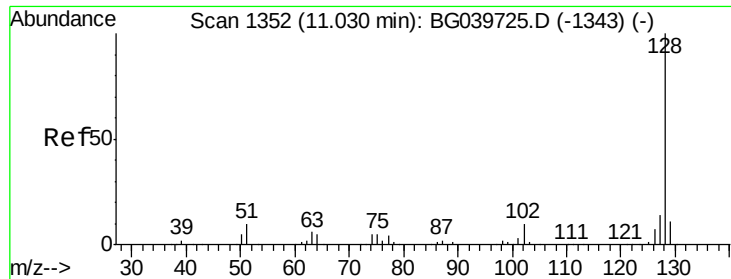
#30
 1,2,4-Trichlorobenzene
 Concen: 41.873 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	76.0	114.0
145	29.8	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

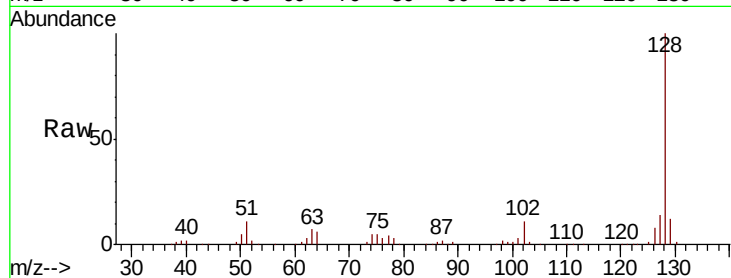




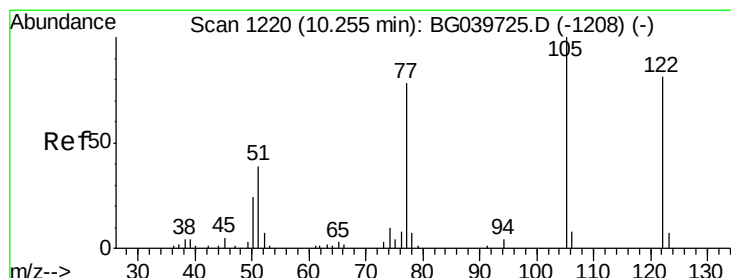
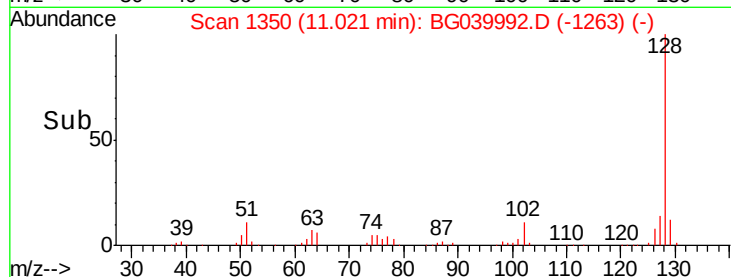
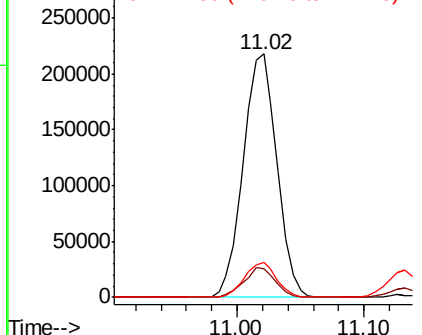
#31
Naphthalene
Concen: 41.086 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :
PB117977BS

Tgt Ion:128 Resp: 400955
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.2 10.8 16.2

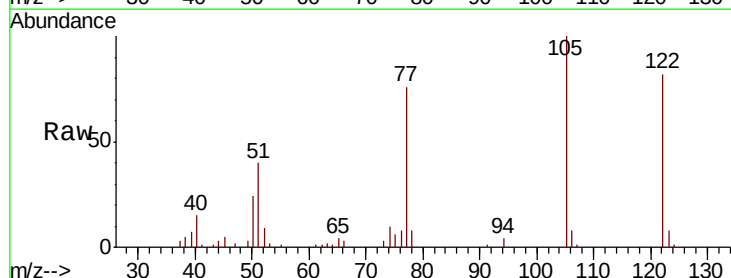


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

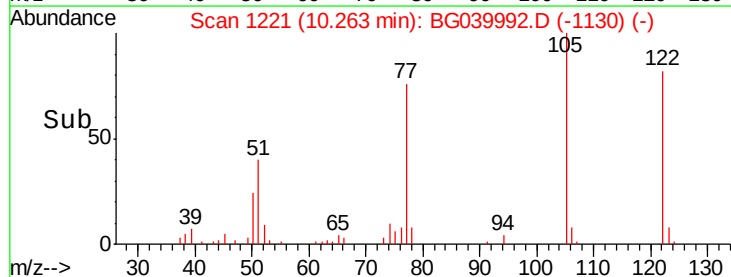
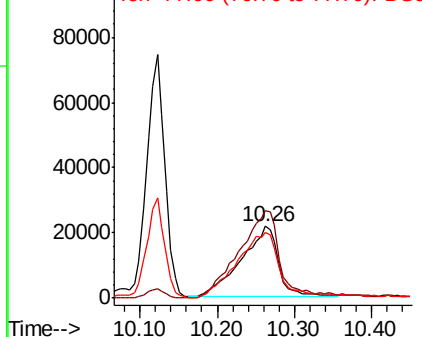


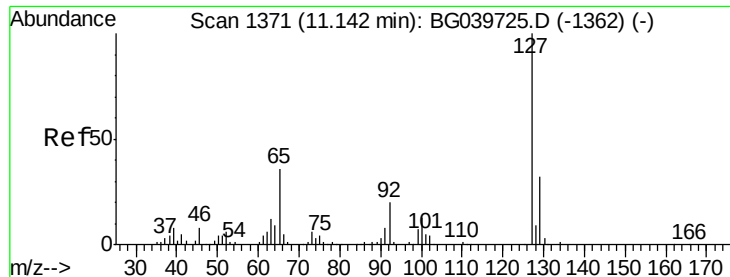
#32
Benzoic acid
Concen: 41.298 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion:122 Resp: 74158
Ion Ratio Lower Upper
122 100
105 121.4 101.8 141.8
77 91.8 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

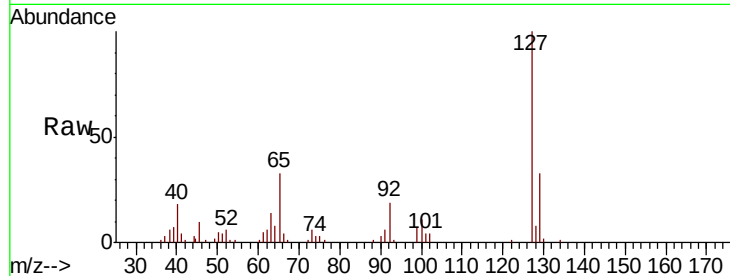




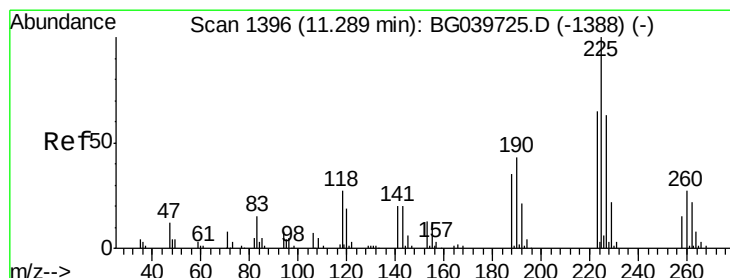
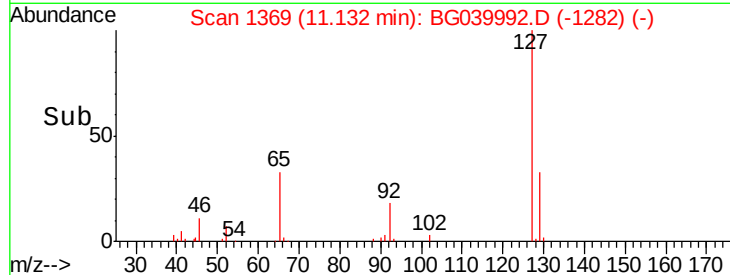
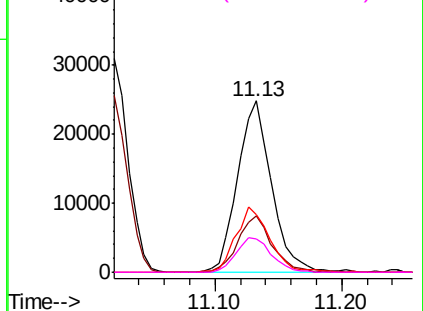
#33
4-Chloroaniline
Concen: 11.178 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :
PB117977BS

Tgt Ion:	127	Resp:	46259
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	33.3	28.8	43.2
92	19.1	16.6	25.0

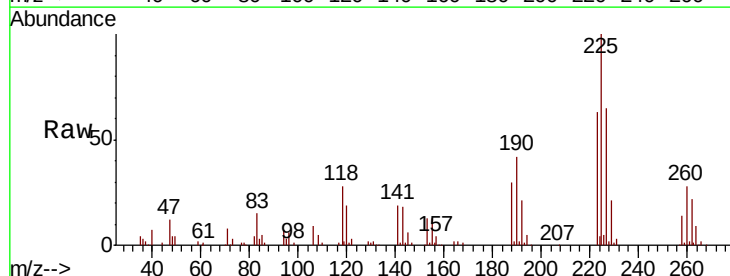


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

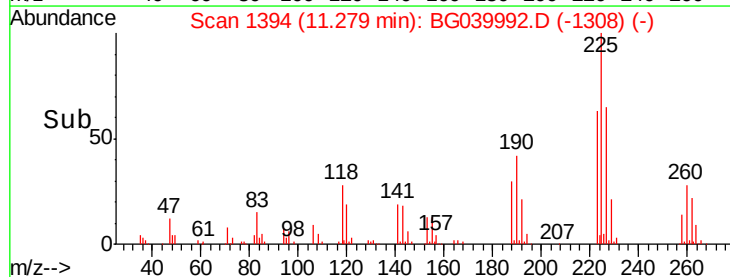
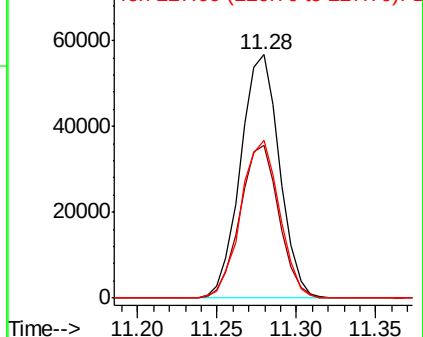


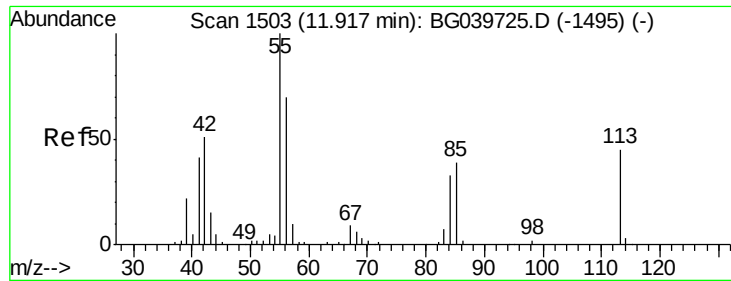
#34
Hexachlorobutadiene
Concen: 41.567 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion:	225	Resp:	96614
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.0	73.6
227	64.8	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

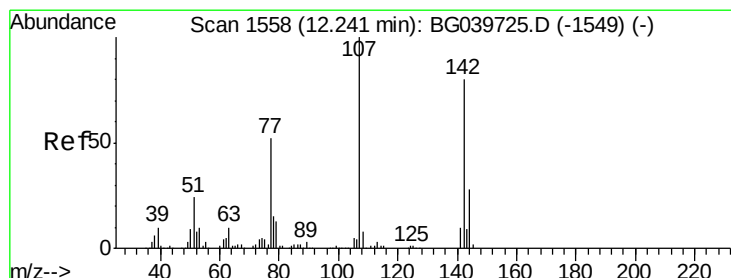
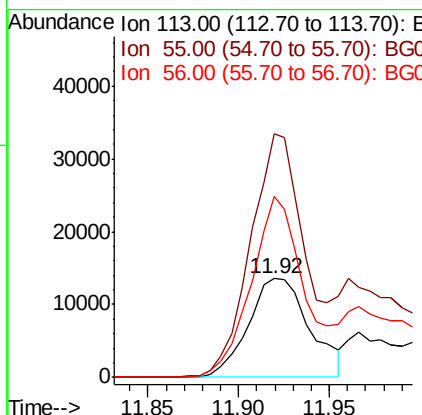
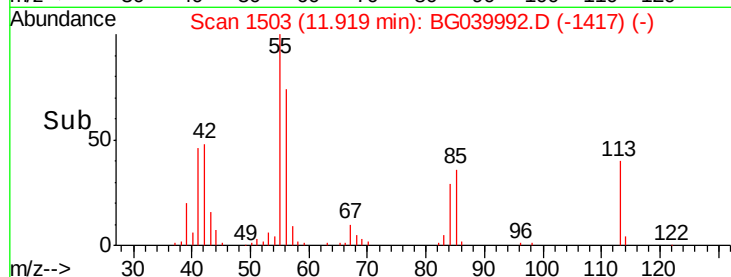
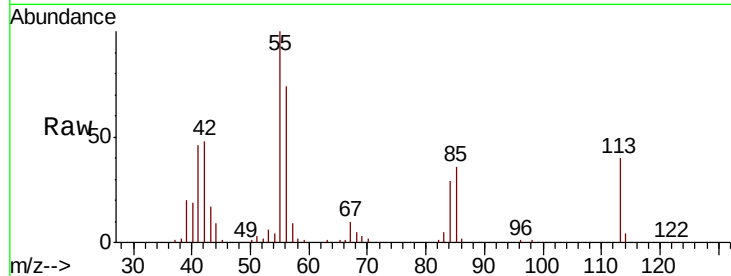




#35
 Caprolactam
 Concen: 27.622 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

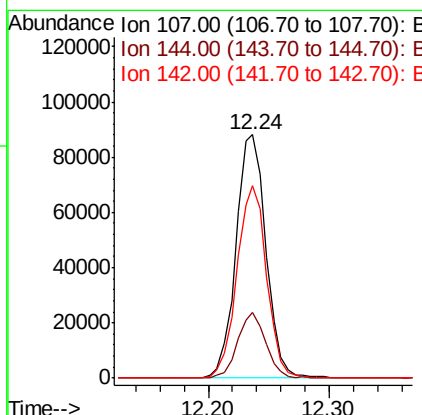
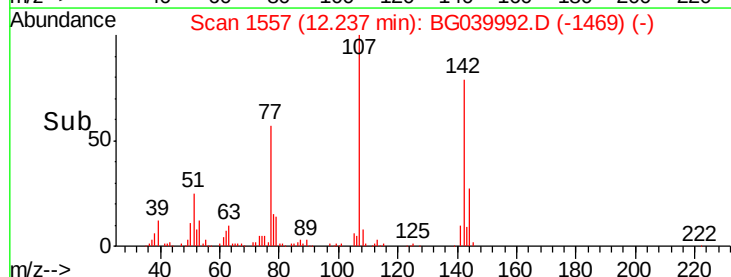
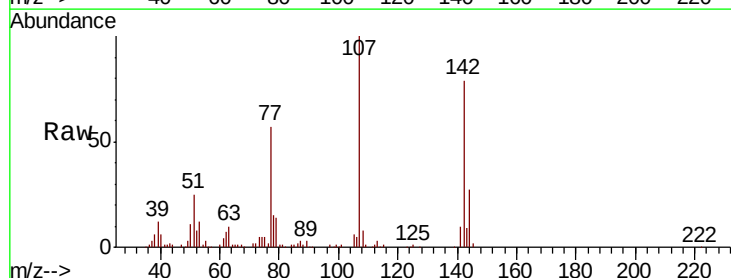
Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

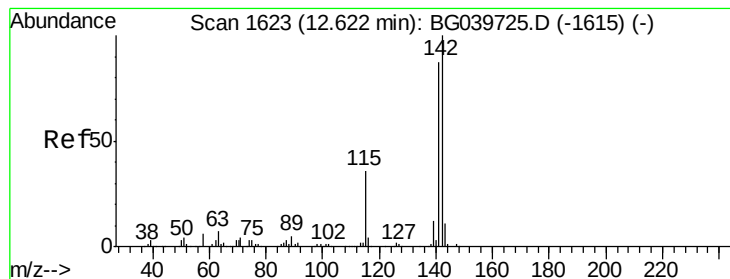
Tgt Ion:113 Resp: 31894
 Ion Ratio Lower Upper
 113 100
 55 247.5 216.9 256.9
 56 183.7 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.042 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion:107 Resp: 152606
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.2 30.2
 142 78.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.153 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

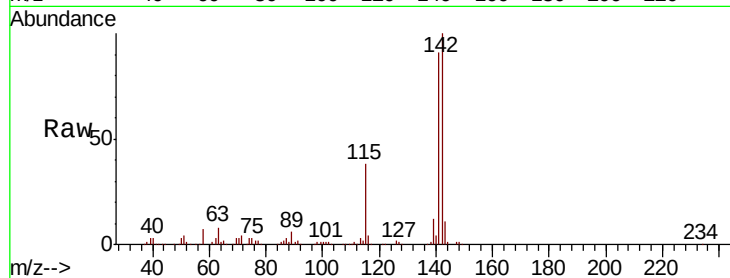
Tgt Ion:142 Resp: 300256

Ion Ratio Lower Upper

142 100

141 90.9 73.5 110.3

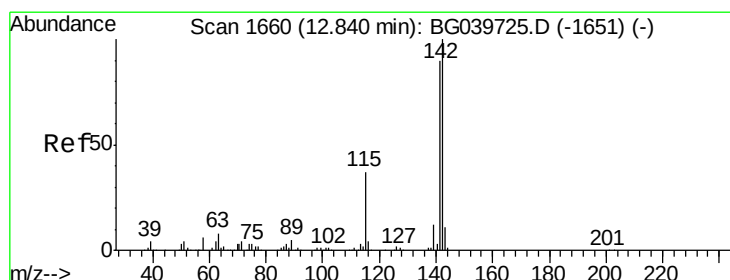
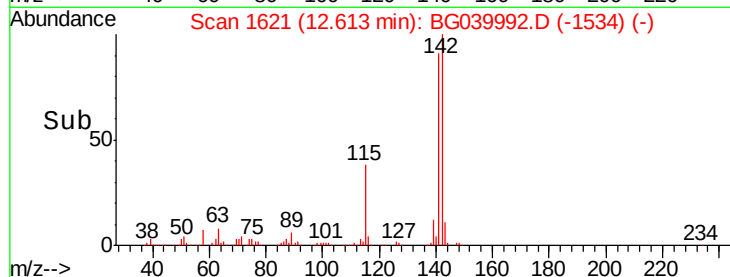
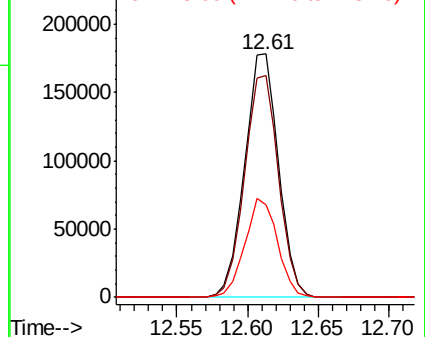
115 38.0 30.8 46.2



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: 42.347 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.23 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

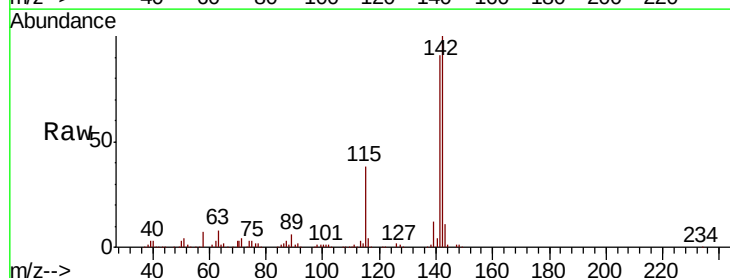
Tgt Ion:142 Resp: 300256

Ion Ratio Lower Upper

142 100

141 90.9 74.2 111.4

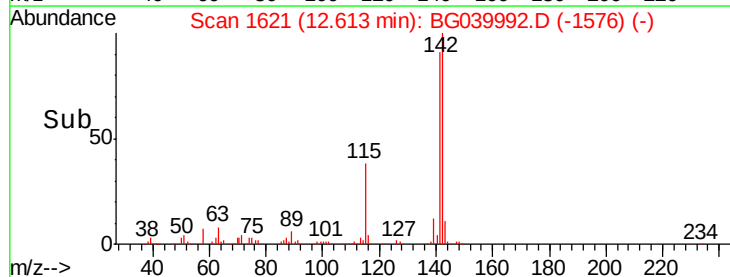
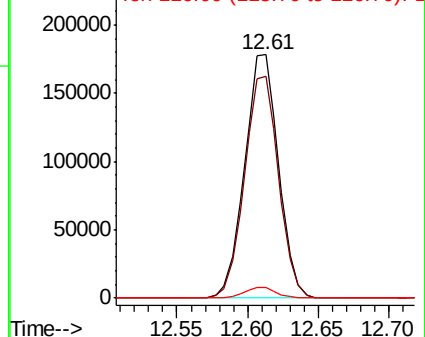
116 4.3 3.0 4.6

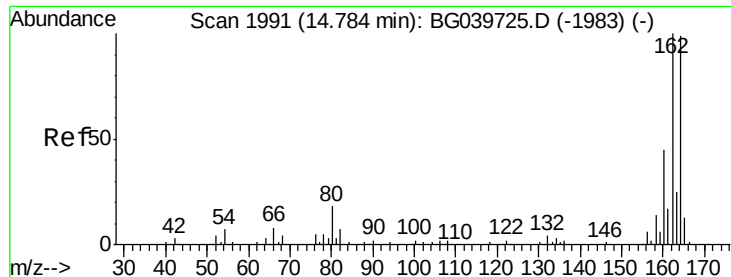


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

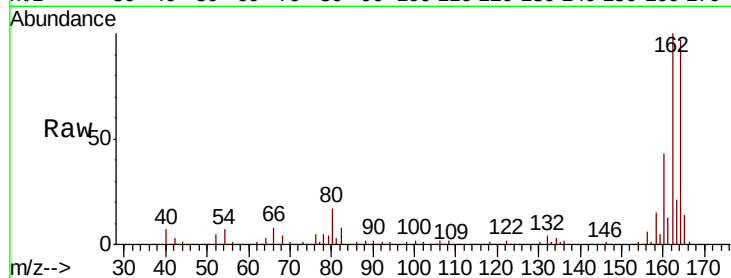
Tgt Ion:164 Resp: 120067

Ion Ratio Lower Upper

164 100

162 102.8 81.6 122.4

160 43.9 34.2 51.2

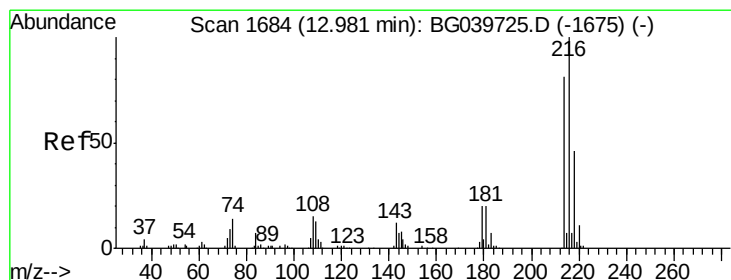
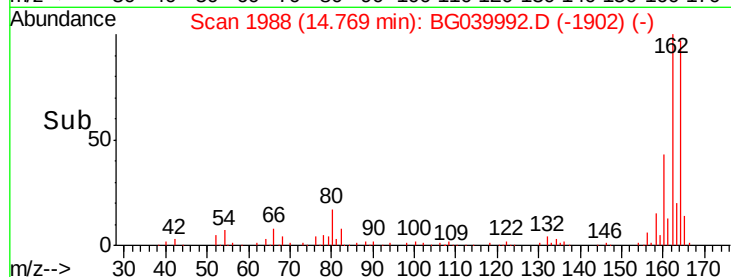
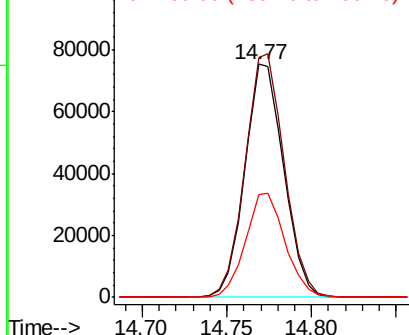


Abundance

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: 42.349 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Tgt Ion:216 Resp: 172256

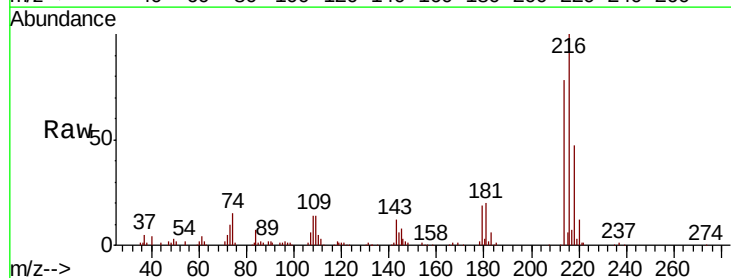
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 20.6 16.6 25.0

108 18.2 14.0 21.0



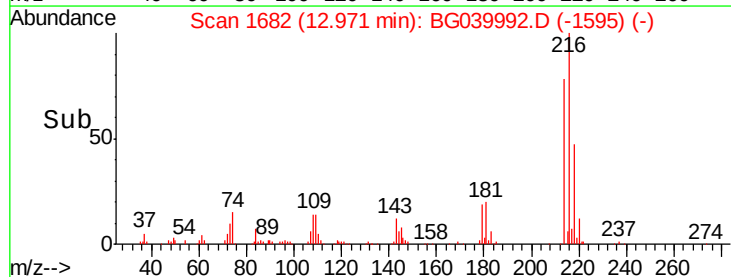
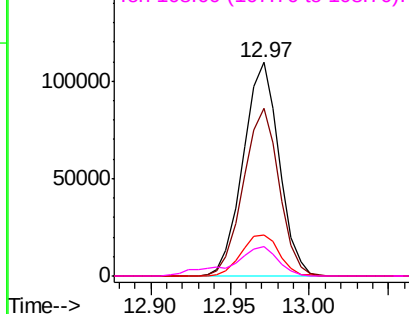
Abundance

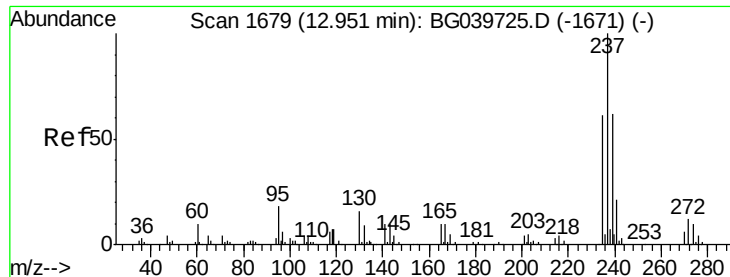
Ion 216.00 (215.70 to 216.70): E

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

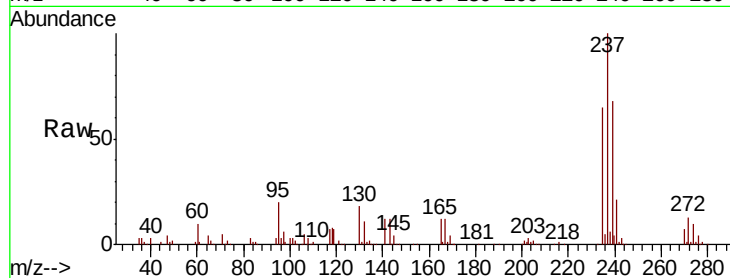




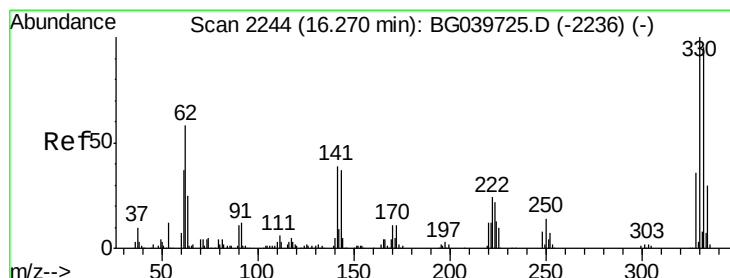
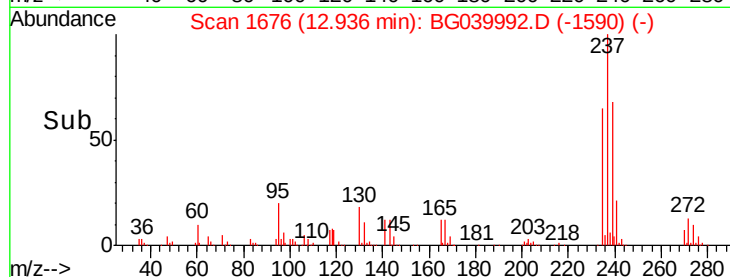
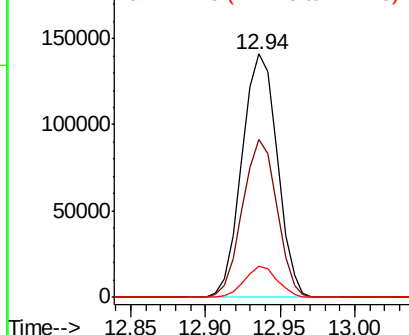
#41
Hexachlorocyclopentadiene
Concen: 106.212 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :
PB117977BS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	231523		
235	65.1	43.3	83.3	
272	12.8	0.0	32.3	

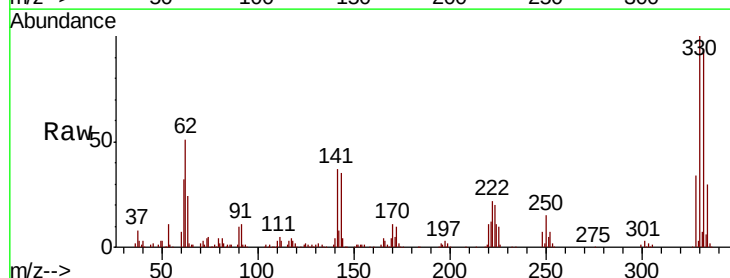


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

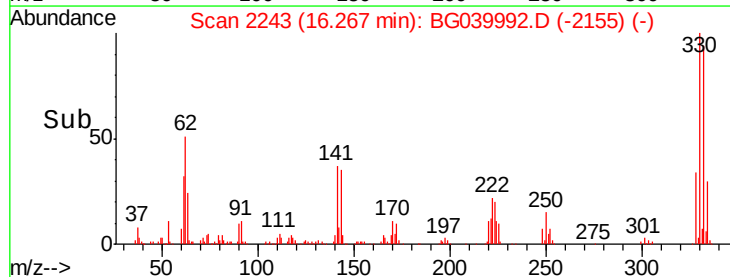
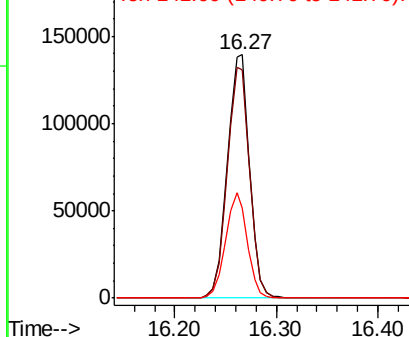


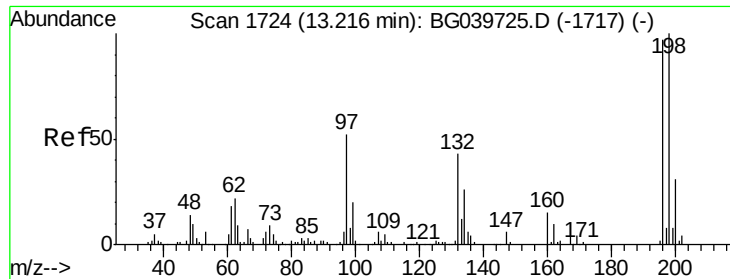
#42
2,4,6-Tribromophenol
Concen: 150.926 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	211217		
332	95.3	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

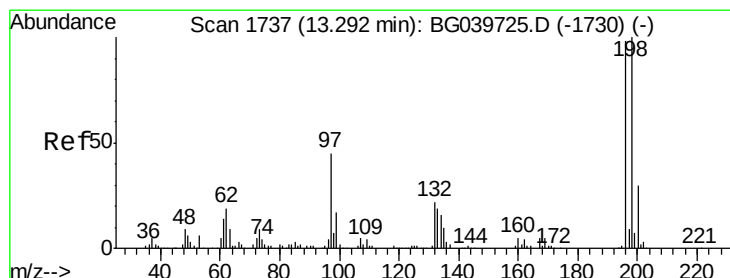
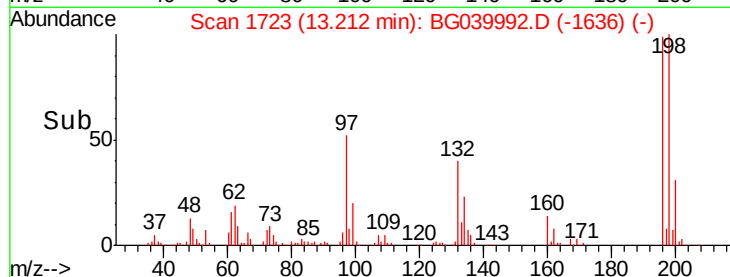
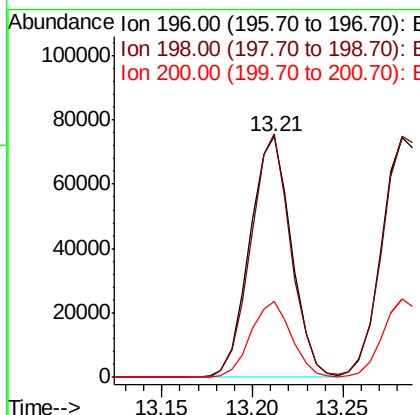
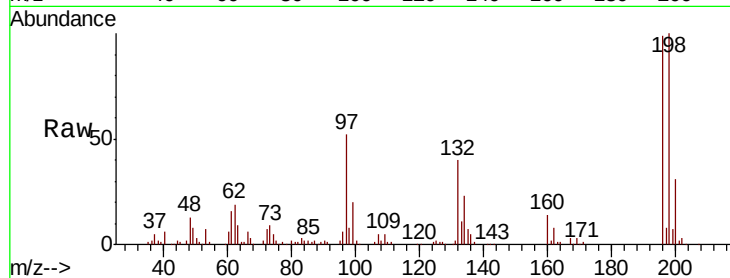




#43
 2,4,6-Trichlorophenol
 Concen: 50.325 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

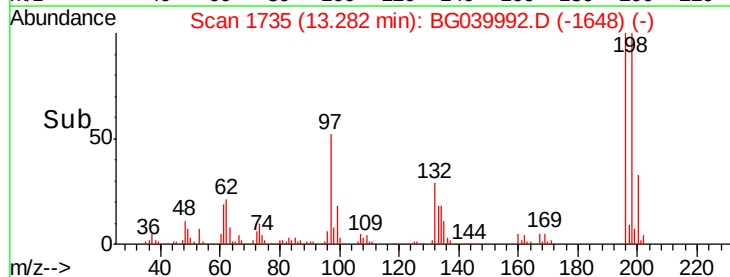
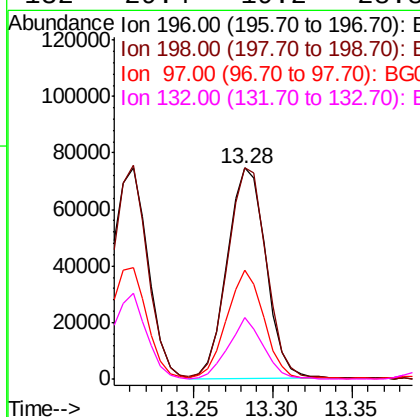
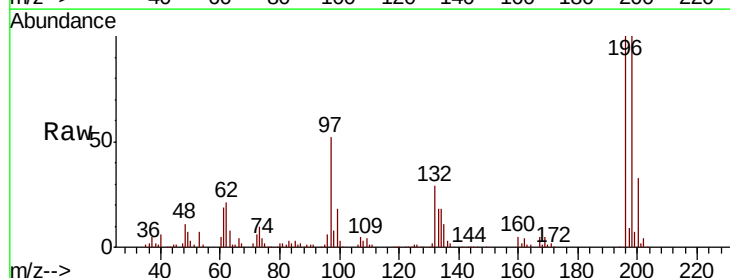
Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

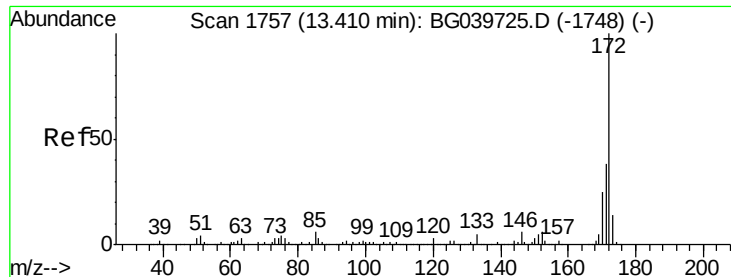
Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	80.6	121.0
200	31.3	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.790 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	78.5	117.7
97	51.9	38.4	57.6
132	29.4	19.2	28.8

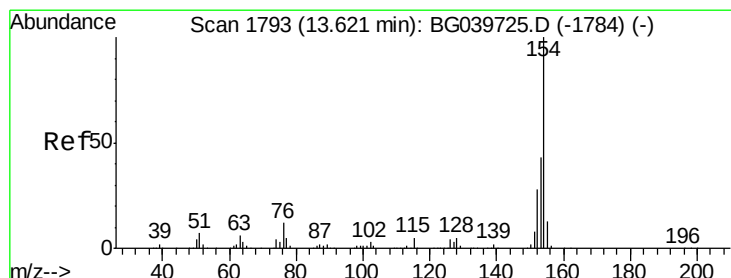
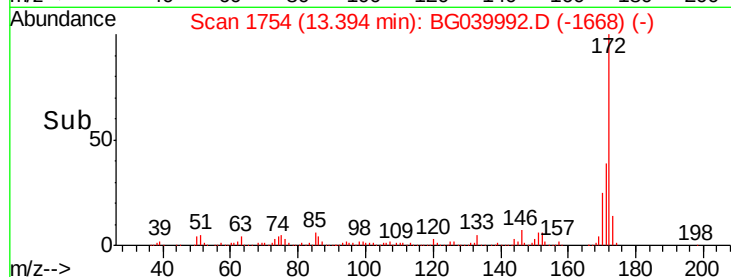
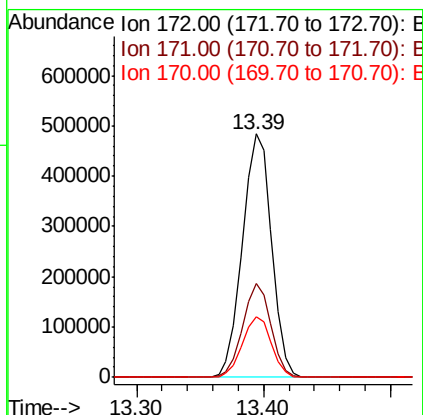
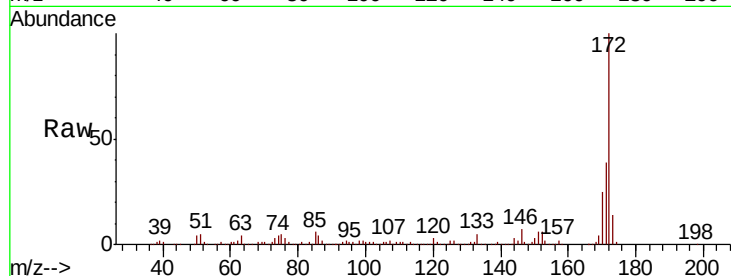




#45
 2-Fluorobiphenyl
 Concen: 91.366 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

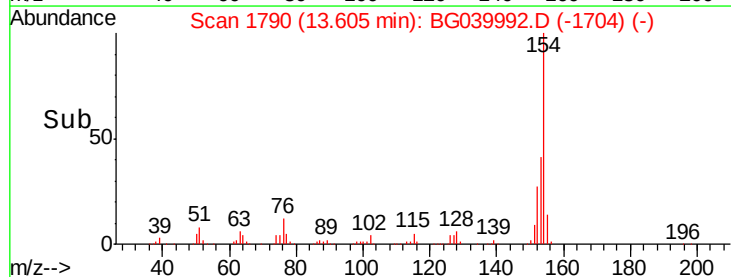
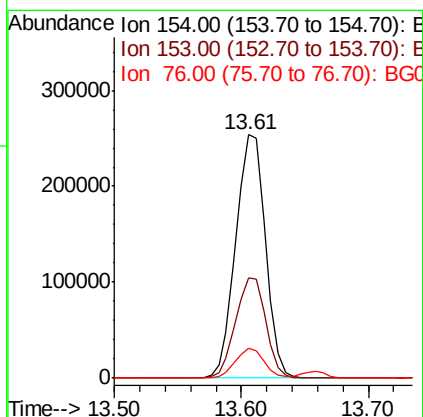
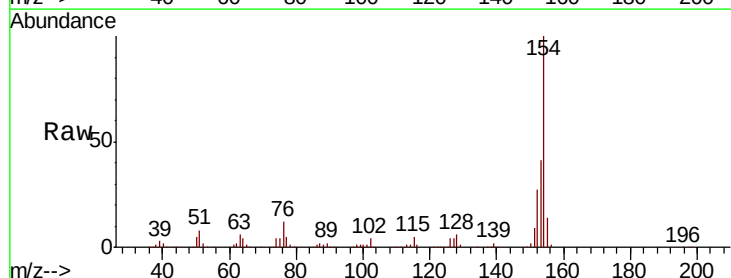
Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

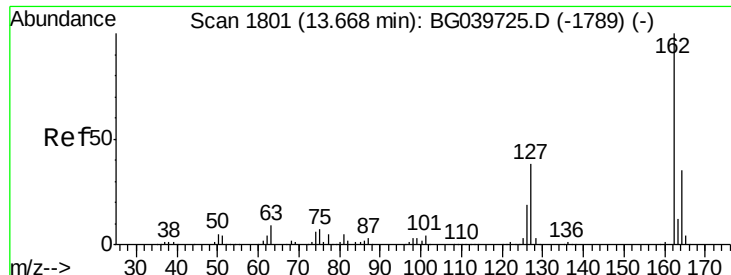
Tgt Ion:172 Resp: 770460
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.8 46.2
 170 25.1 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 41.491 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion:154 Resp: 409735
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.1 62.1
 76 12.1 0.0 32.4

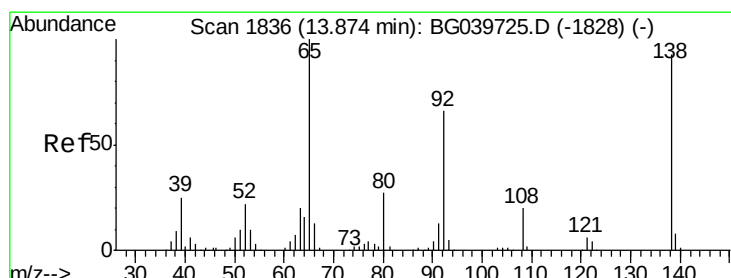
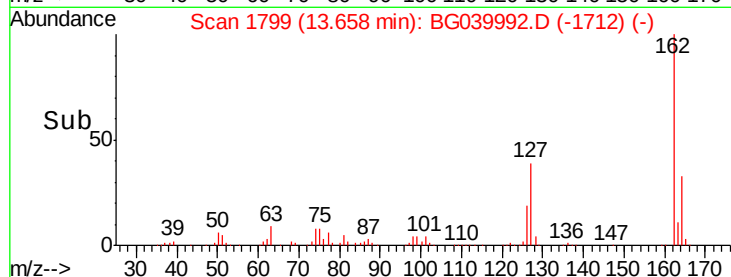
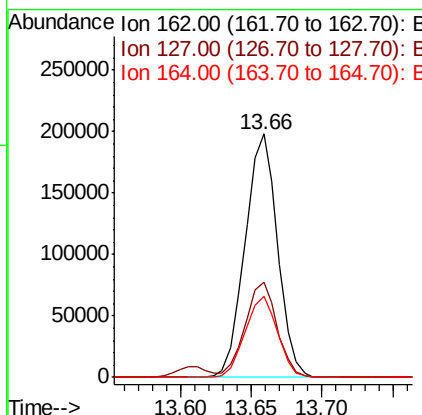
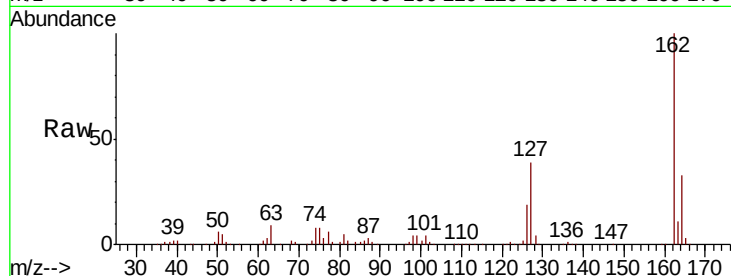




#47
 2-Chloronaphthalene
 Concen: 42.956 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

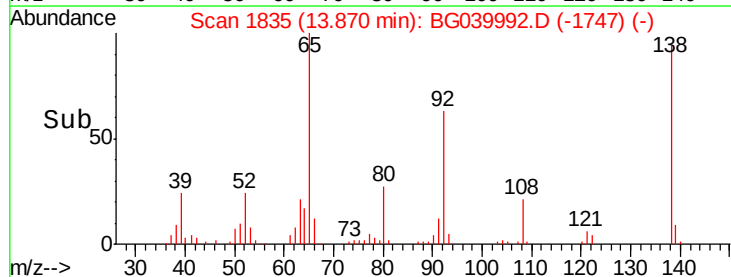
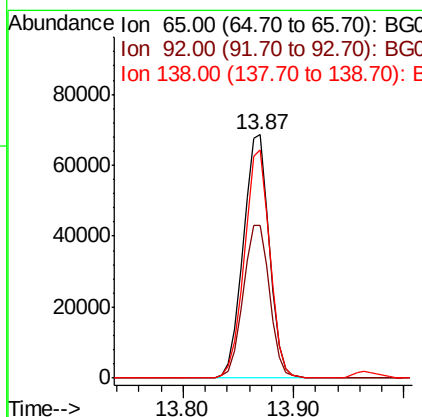
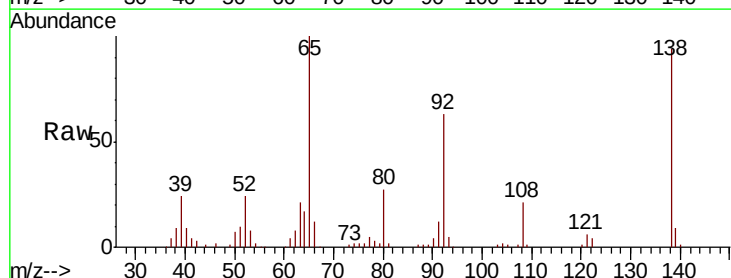
Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

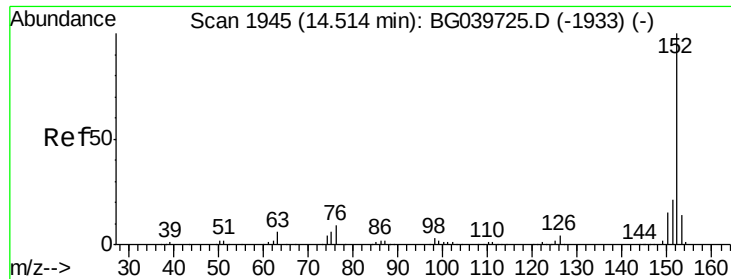
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.0	46.6
164	33.3	25.7	38.5



#48
 2-Nitroaniline
 Concen: 47.753 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.9	51.4	77.2
138	94.0	71.4	107.2





#49

Acenaphthylene

Concen: 41.961 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

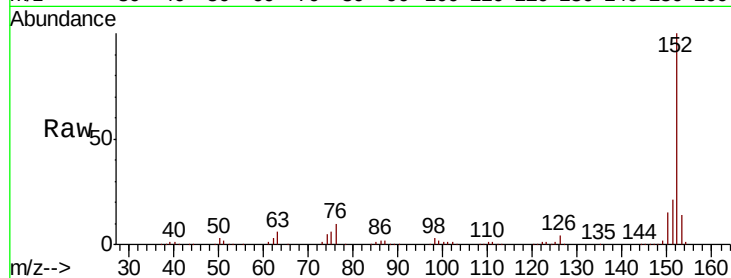
Tgt Ion:152 Resp: 511743

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

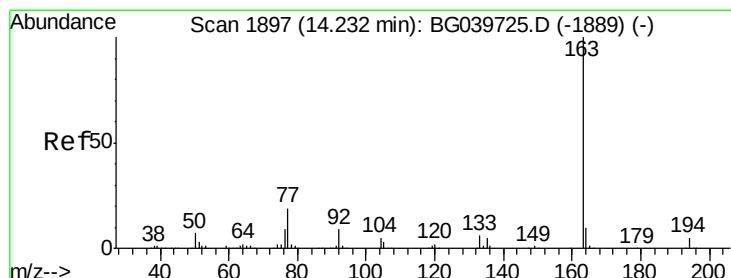
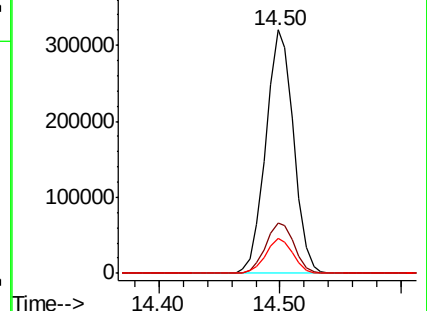
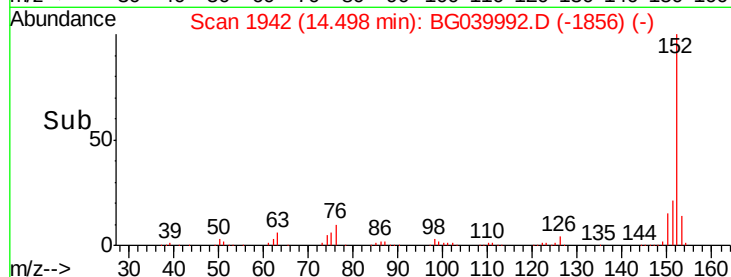
153 14.2 11.7 17.5



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: 42.069 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

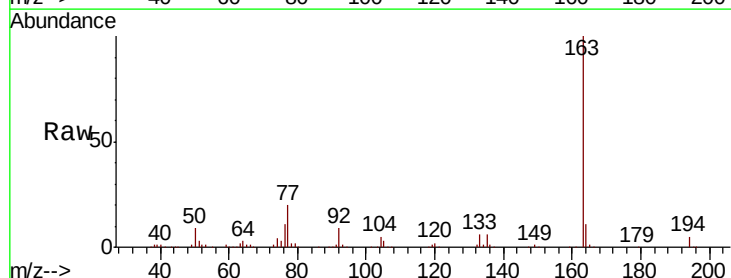
Tgt Ion:163 Resp: 422367

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

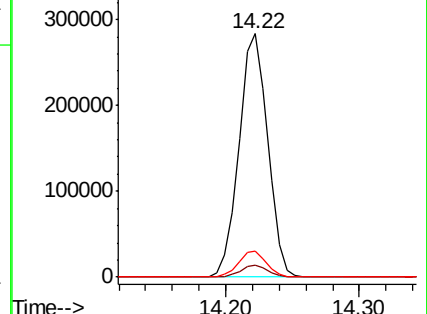
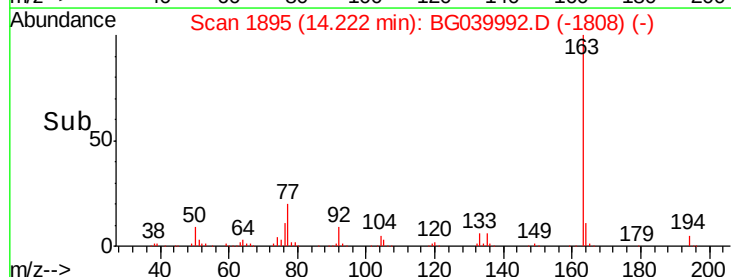
164 10.6 8.4 12.6

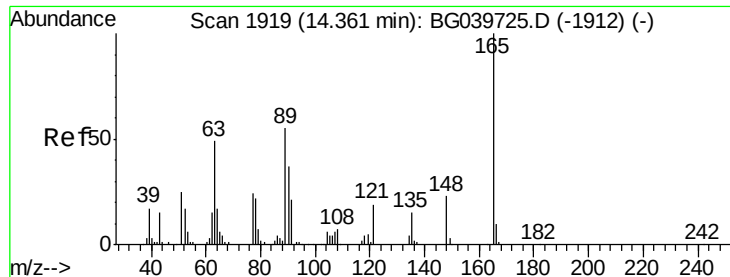


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

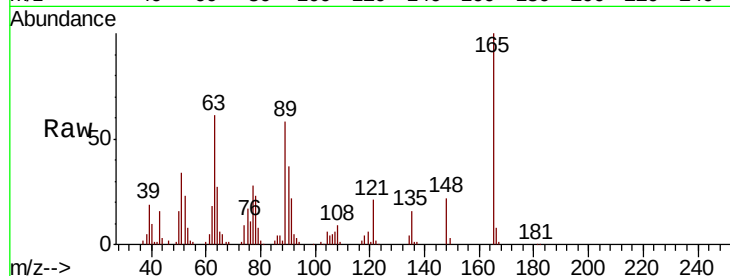




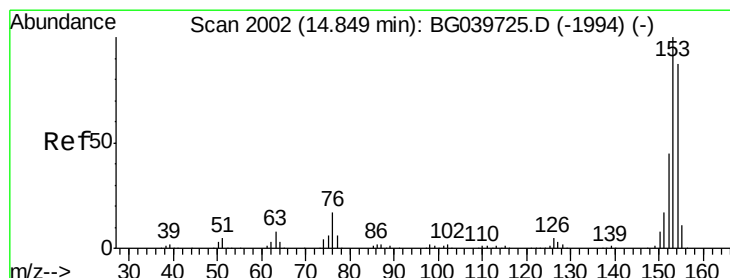
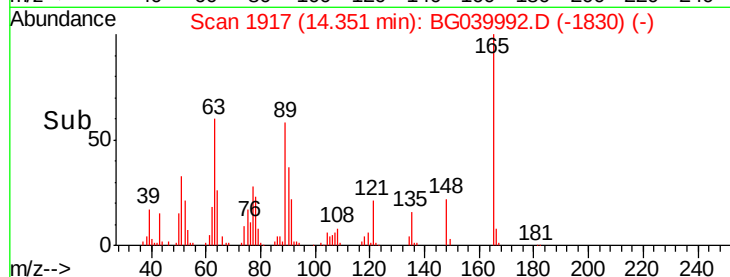
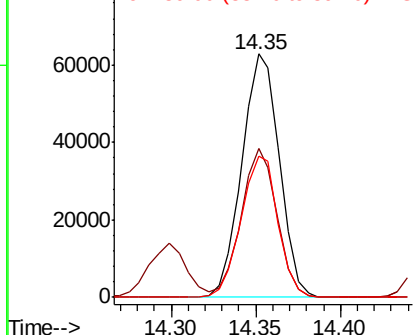
#51
 2,6-Dinitrotoluene
 Concen: 45.507 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.4	47.0	70.6
89	57.9	45.8	68.8

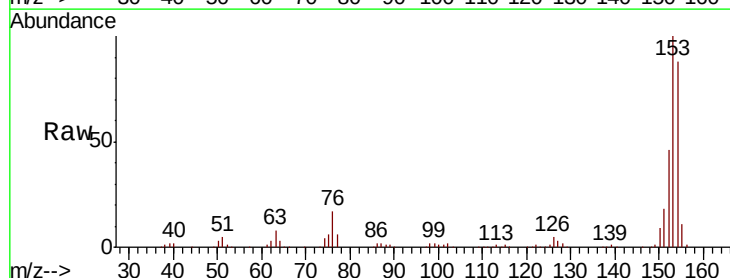


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

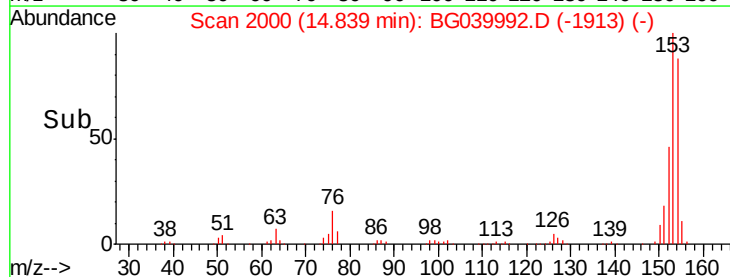
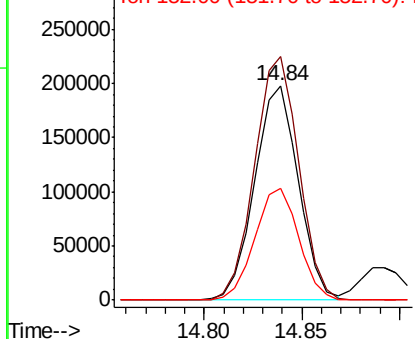


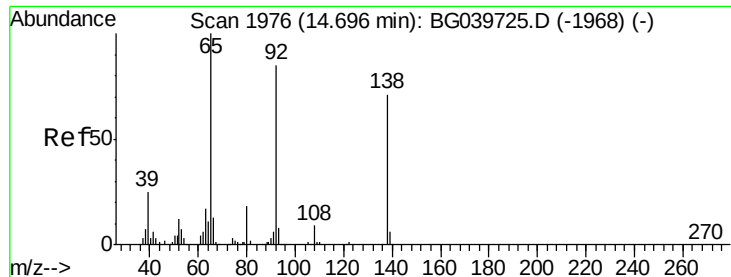
#52
 Acenaphthene
 Concen: 41.906 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.1	135.1
152	52.0	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: 19.876 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

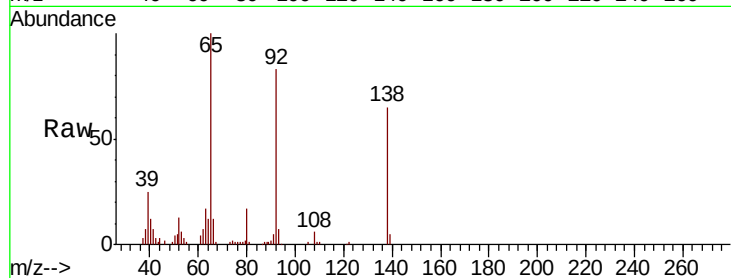
Tgt Ion:138 Resp: 42525

Ion Ratio Lower Upper

138 100

108 9.8 13.8 20.8#

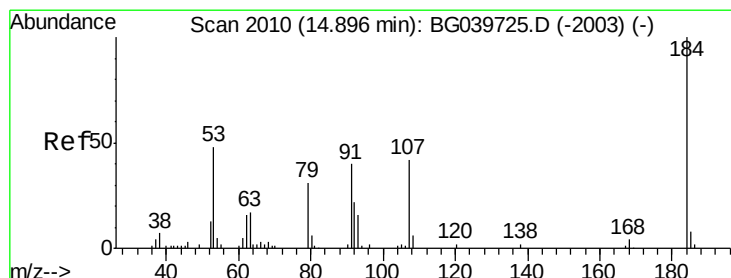
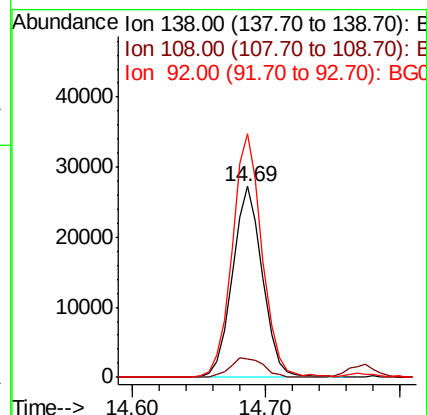
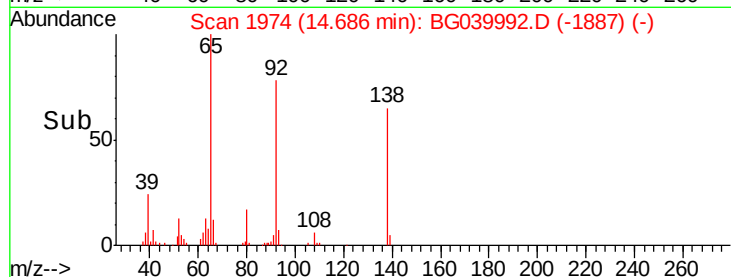
92 127.5 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 60.259 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

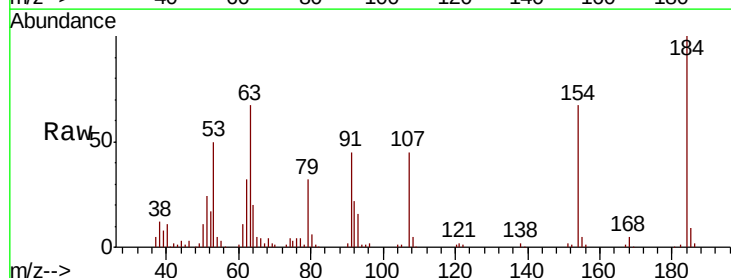
Tgt Ion:184 Resp: 79019

Ion Ratio Lower Upper

184 100

63 67.0 50.9 76.3

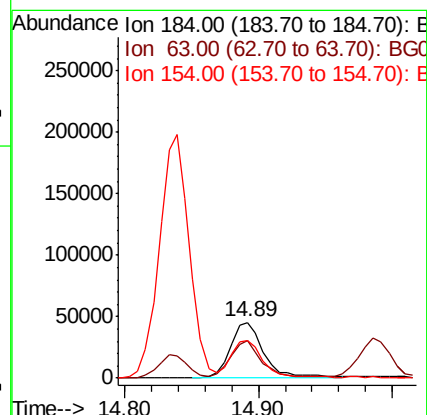
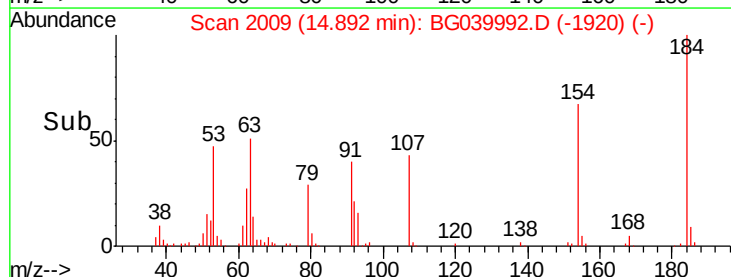
154 66.8 53.0 79.6

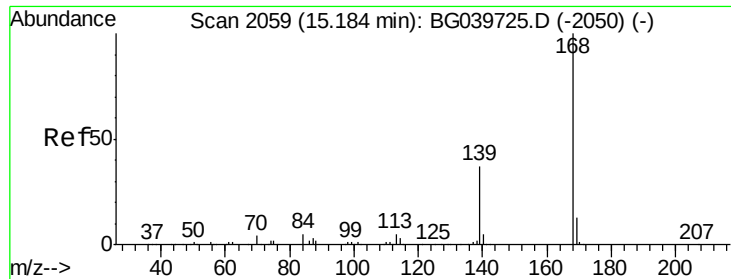


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

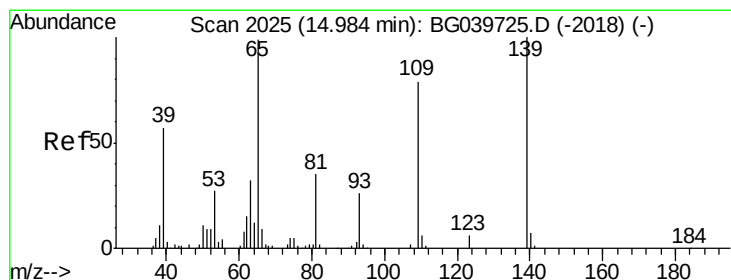
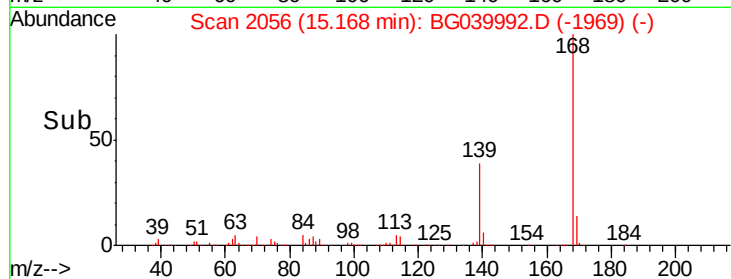
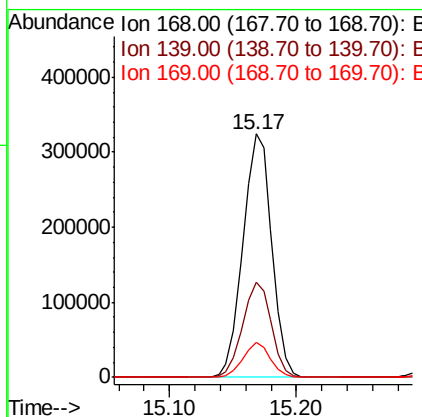
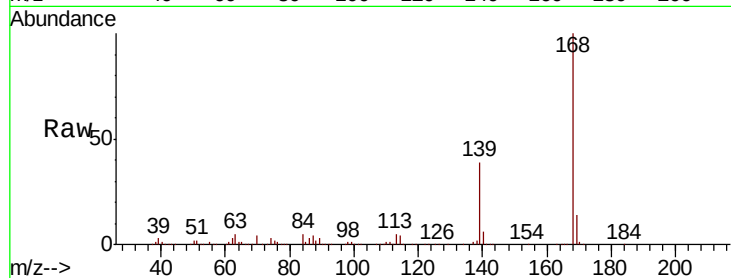




#55
Dibenzenofuran
Concen: 42.289 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

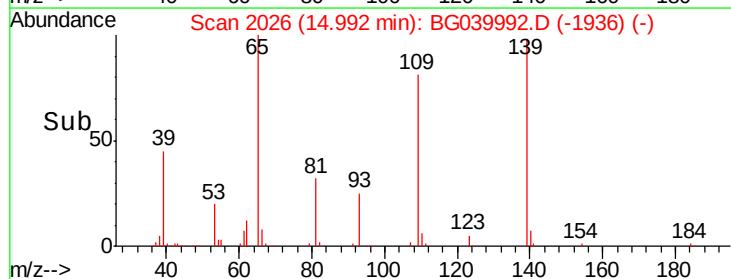
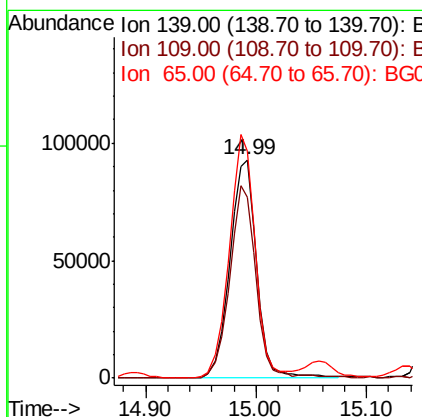
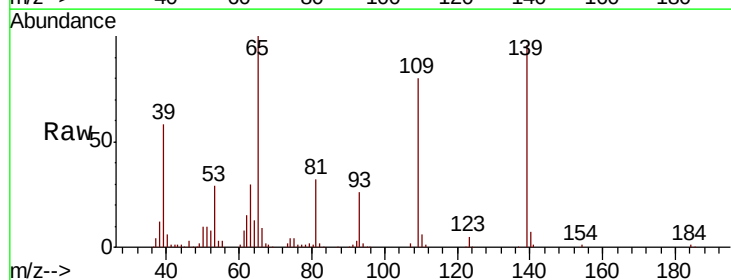
Instrument :
BNA_G
ClientSampleId :
PB117977BS

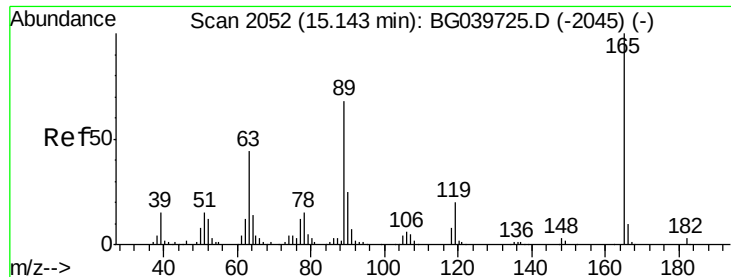
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	14.3	10.6	16.0



#56
4-Nitrophenol
Concen: 82.624 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.0	61.9	101.9
65	103.9	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 46.059 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

Tgt Ion:165 Resp: 137748

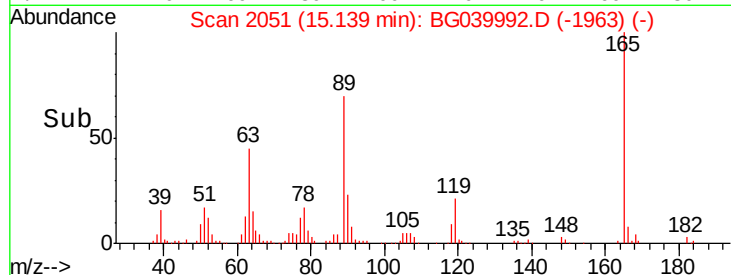
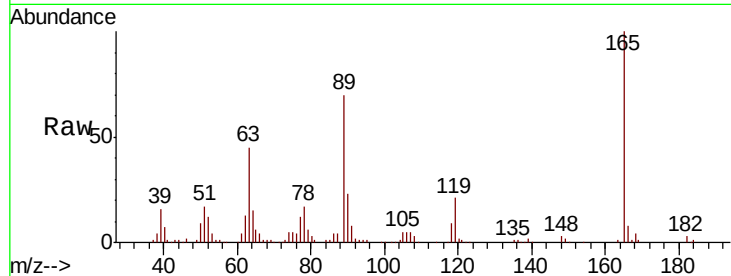
Ion Ratio Lower Upper

165 100

63 44.7 41.0 61.6

89 70.2 64.6 96.8

182 3.2 2.0 3.0#

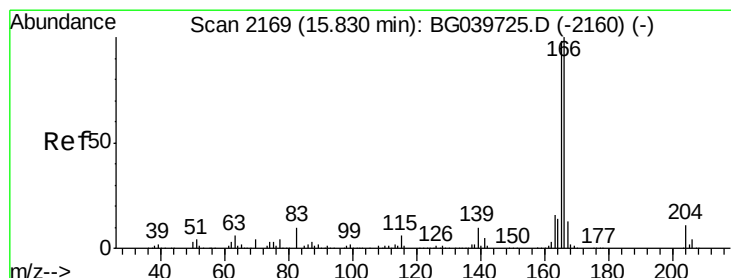
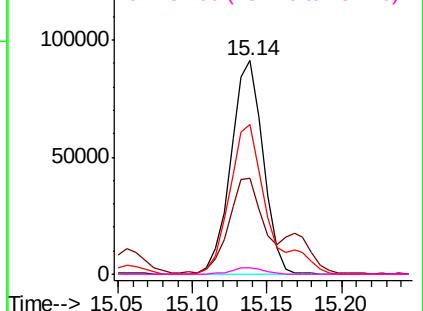


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.184 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

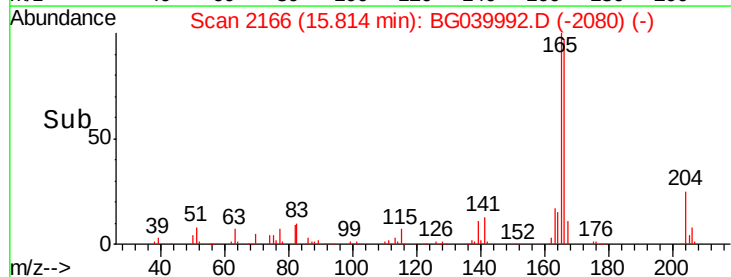
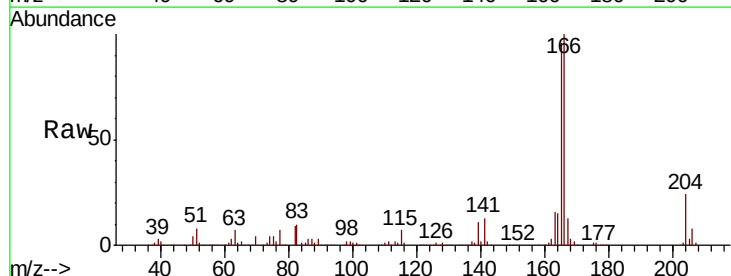
Tgt Ion:166 Resp: 408844

Ion Ratio Lower Upper

166 100

165 96.1 77.9 116.9

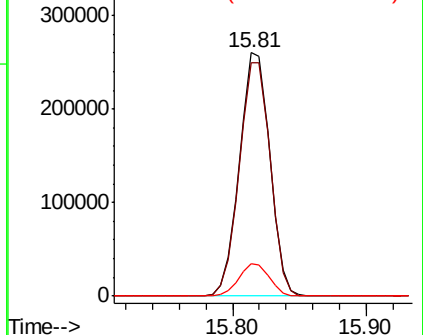
167 13.3 10.8 16.2

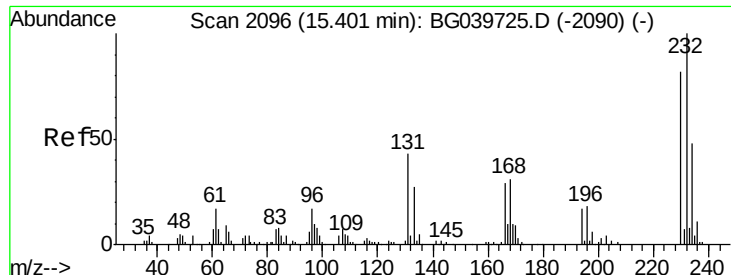


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

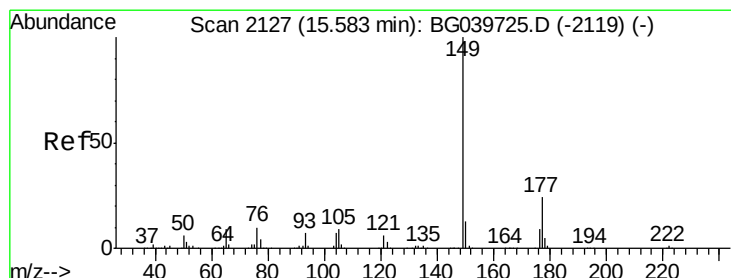
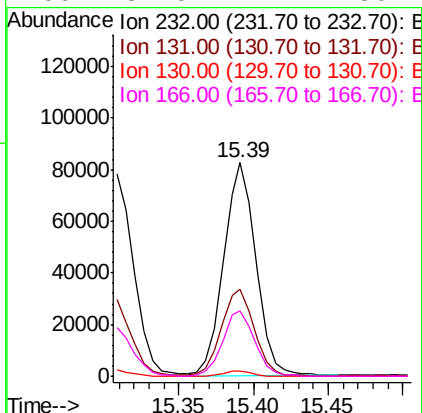
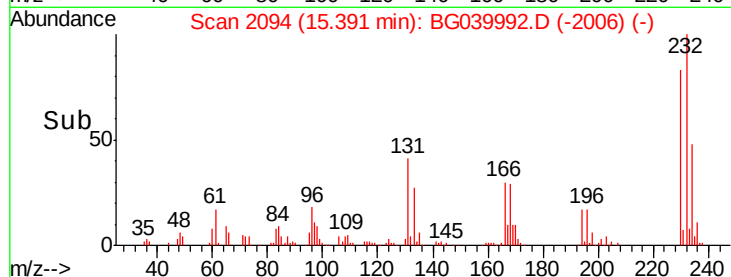
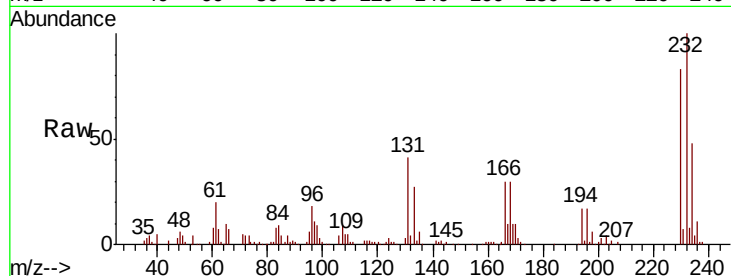




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.377 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

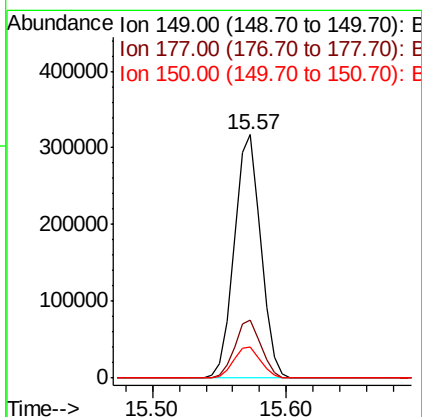
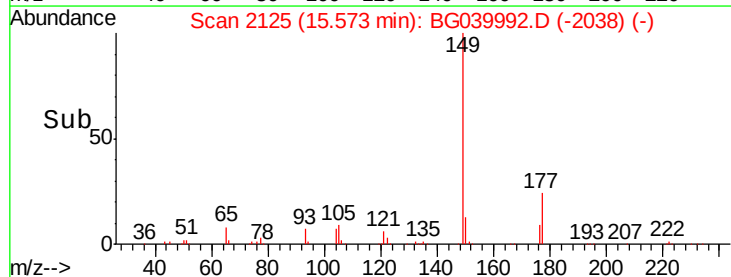
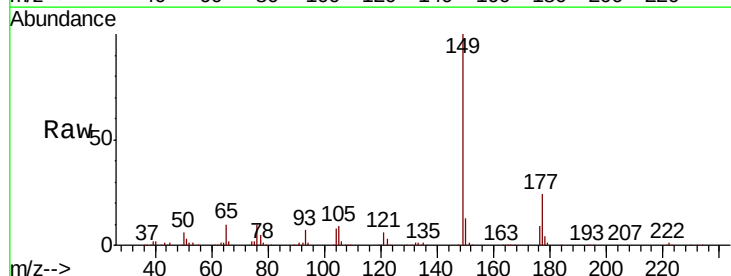
Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

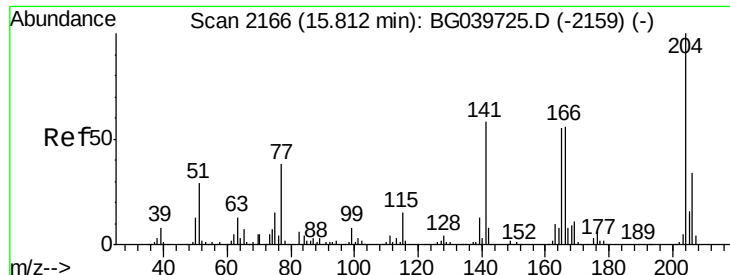
Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.9	52.3
130	2.4	2.0	3.0
166	31.0	24.1	36.1



#60
 Diethylphthalate
 Concen: 43.930 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	12.8	10.2	15.2

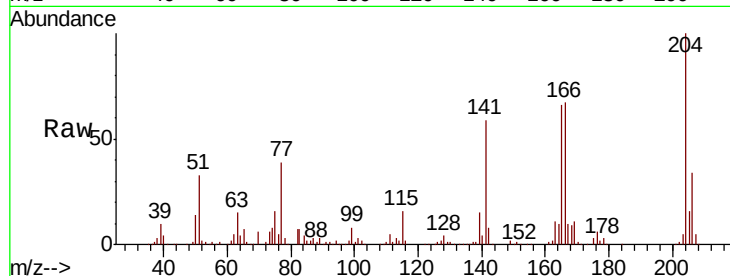




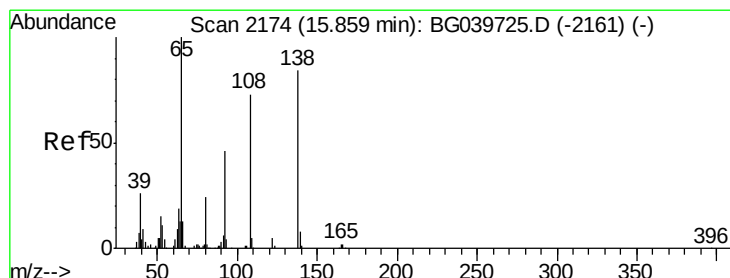
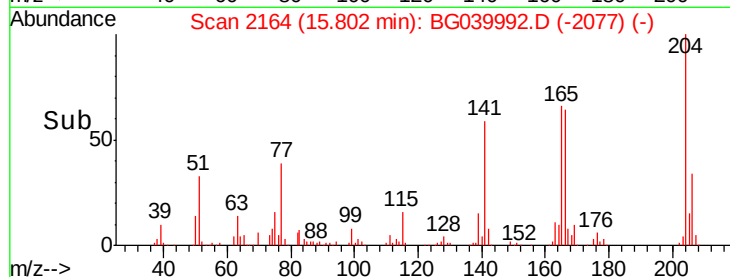
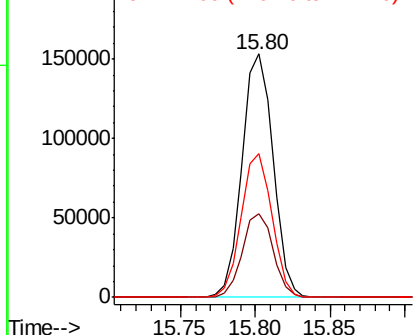
#61
4-Chlorophenyl-phenylether
Concen: 43.635 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :
PB117977BS

Tgt Ion: 204 Resp: 220451
Ion Ratio Lower Upper
204 100
206 34.4 29.2 43.8
141 58.9 49.0 73.4

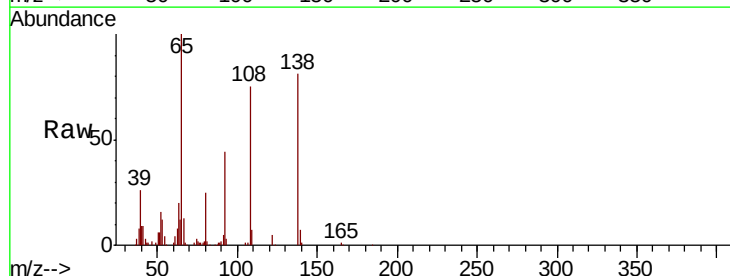


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

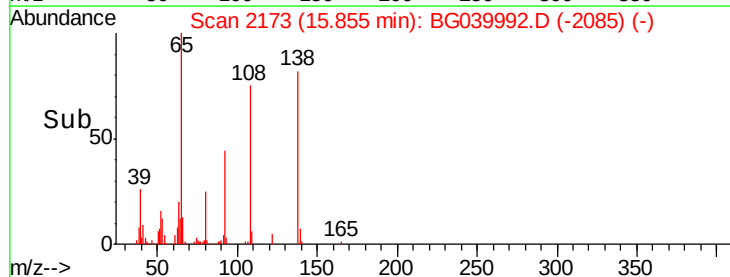
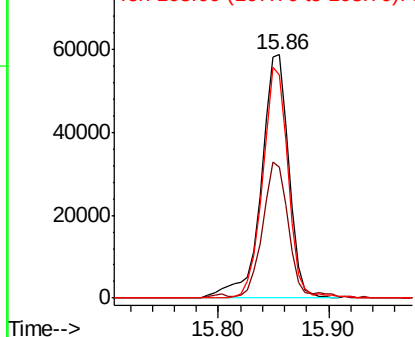


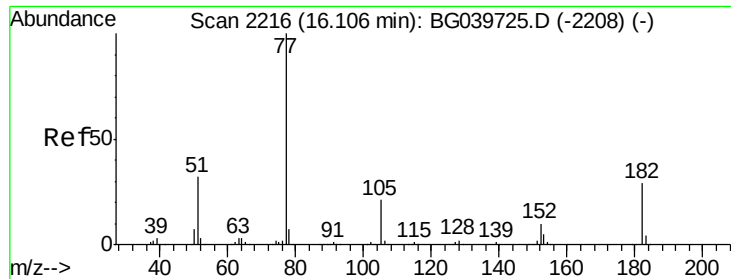
#62
4-Nitroaniline
Concen: 44.316 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion: 138 Resp: 102790
Ion Ratio Lower Upper
138 100
92 53.6 38.7 78.7
108 91.6 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

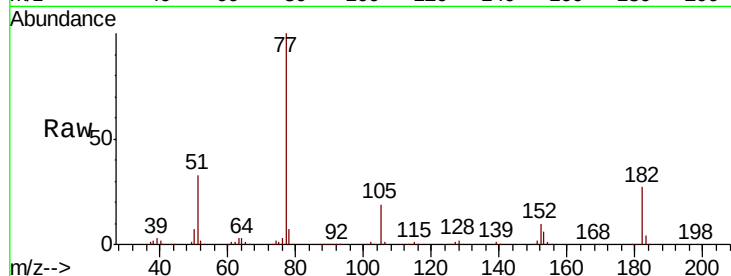




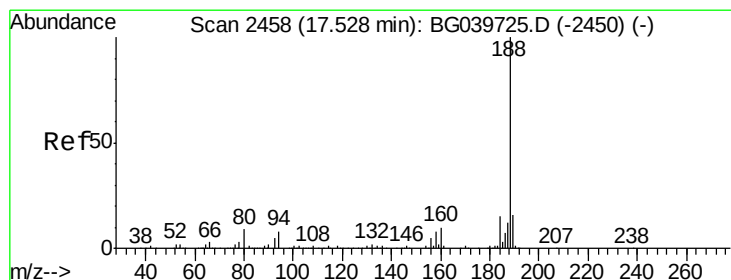
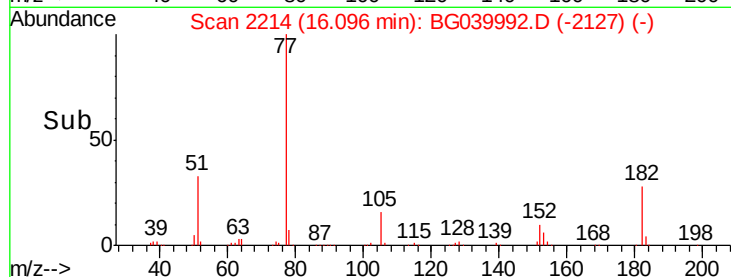
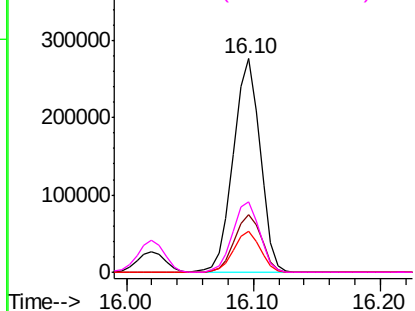
#63
Azobenzene
Concen: 44.814 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :
PB117977BS

Tgt Ion: 77 Resp: 403739
Ion Ratio Lower Upper
77 100
182 27.2 6.4 46.4
105 19.1 0.0 39.8
51 33.3 14.1 54.1

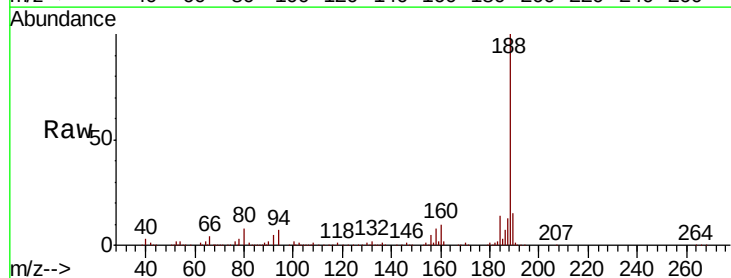


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

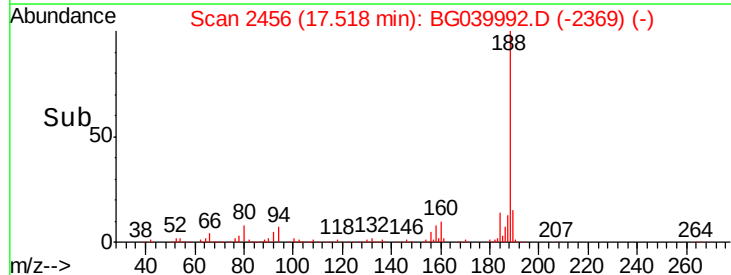
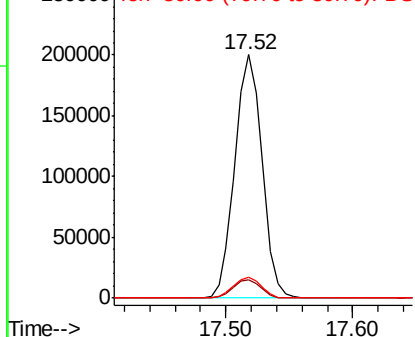


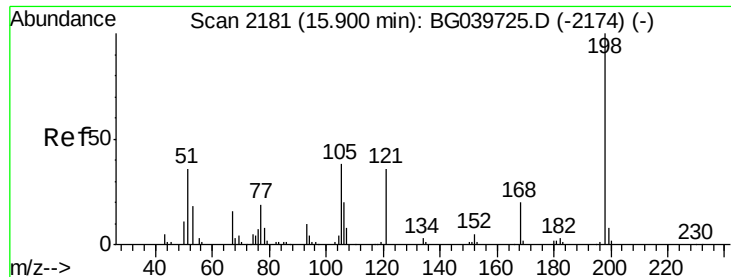
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion: 188 Resp: 296622
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.4 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: 44.610 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

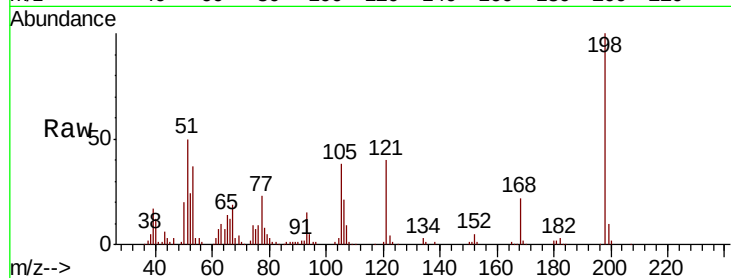
Tgt Ion:198 Resp: 78239

Ion Ratio Lower Upper

198 100

51 50.0 27.4 67.4

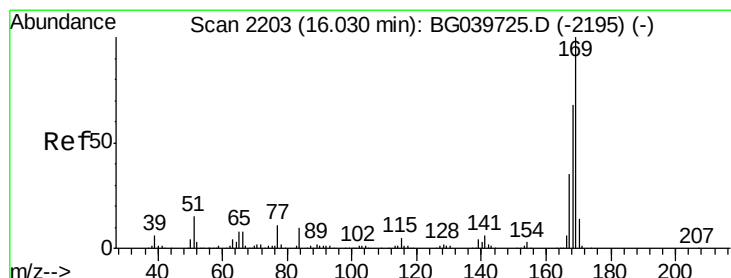
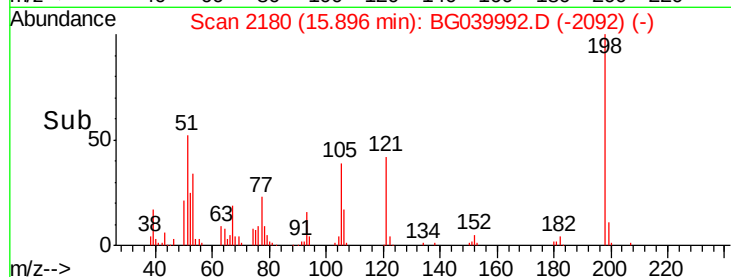
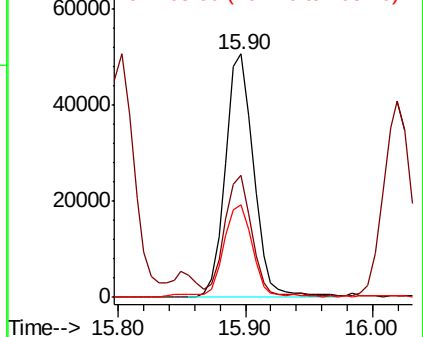
105 37.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.638 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

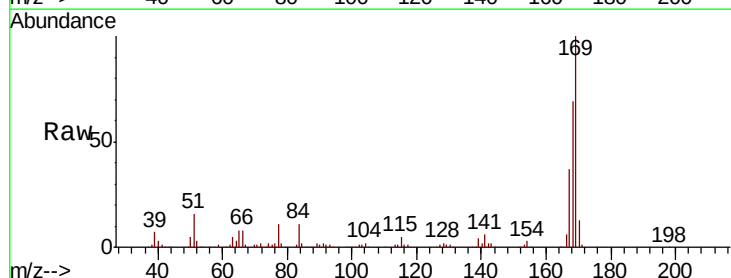
Tgt Ion:169 Resp: 374733

Ion Ratio Lower Upper

169 100

168 69.5 56.6 85.0

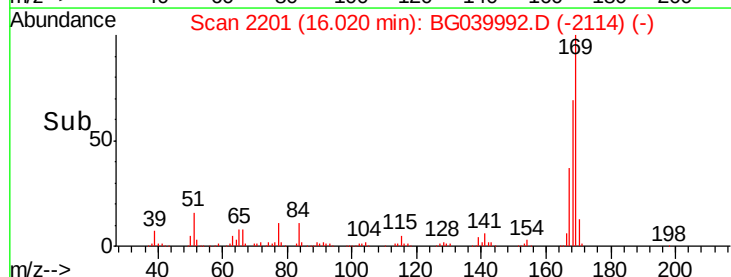
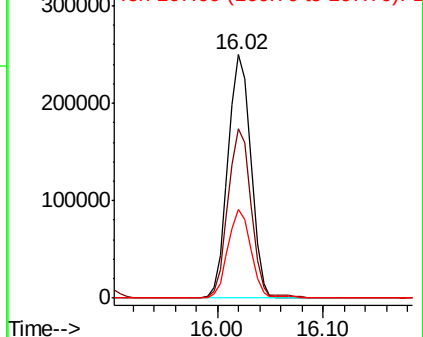
167 36.7 28.8 43.2

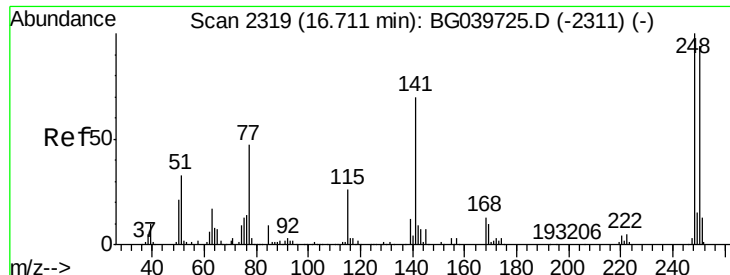


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

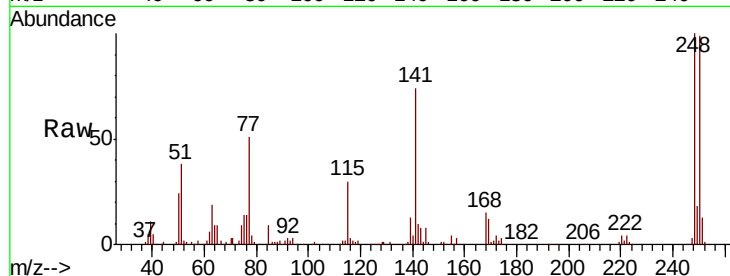




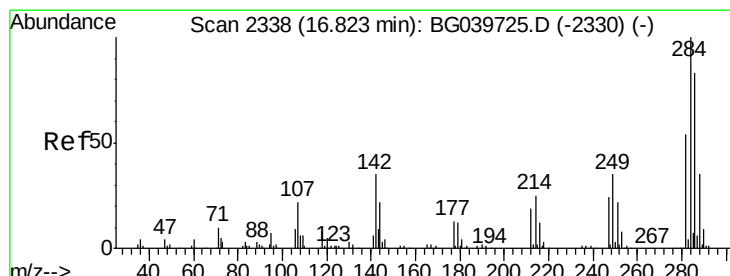
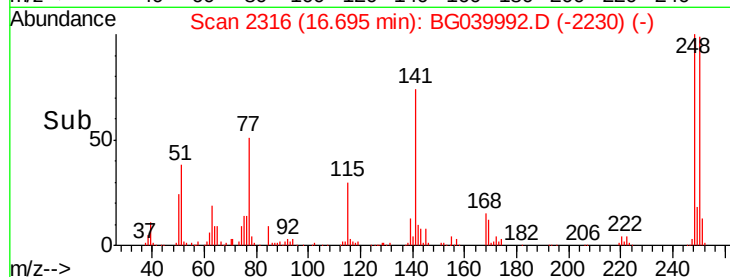
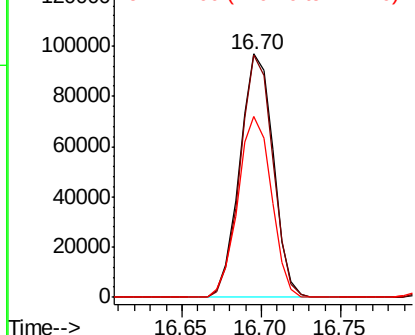
#67
 4-Bromophenyl-phenylether
 Concen: 42.750 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

Tgt Ion:248 Resp: 141939
 Ion Ratio Lower Upper
 248 100
 250 99.3 77.6 116.4
 141 74.2 63.9 95.9

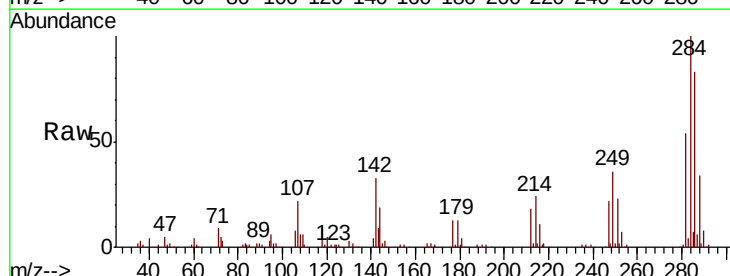


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

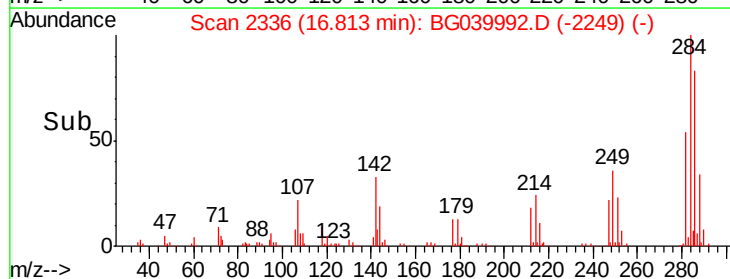
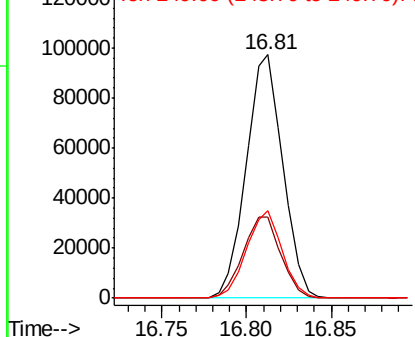


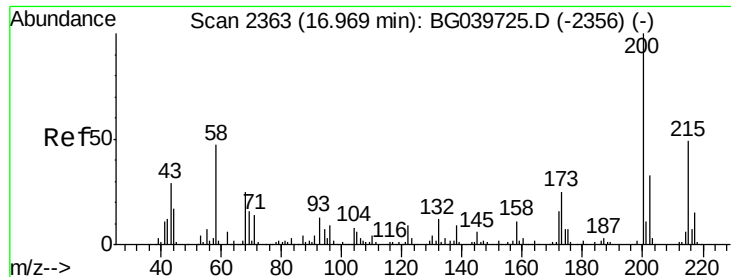
#68
 Hexachlorobenzene
 Concen: 42.516 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion:284 Resp: 146322
 Ion Ratio Lower Upper
 284 100
 142 33.0 30.6 45.8
 249 35.7 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.218 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampled :

PB117977BS

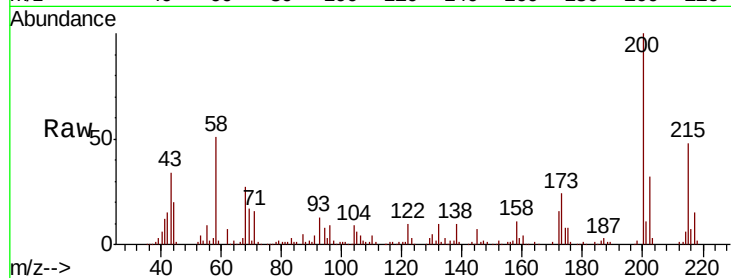
Tgt Ion:200 Resp: 139303

Ion Ratio Lower Upper

200 100

173 24.1 3.9 43.9

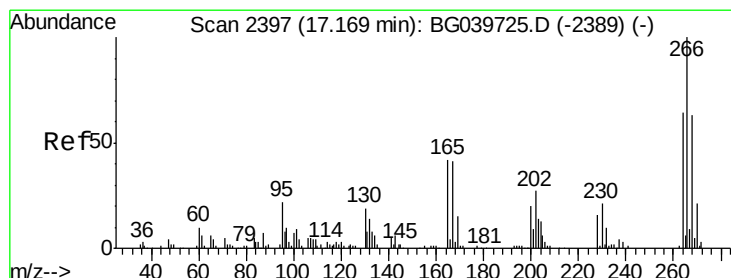
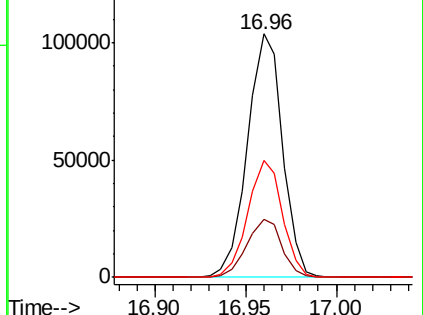
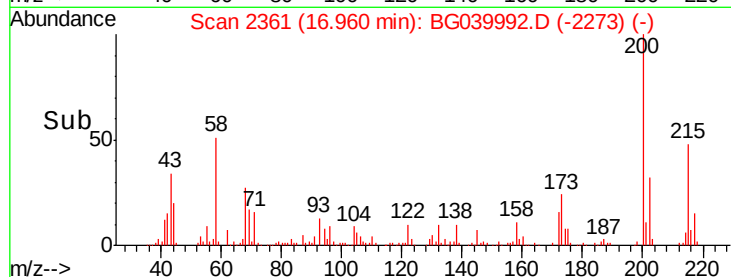
215 48.2 30.9 70.9



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: 88.046 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

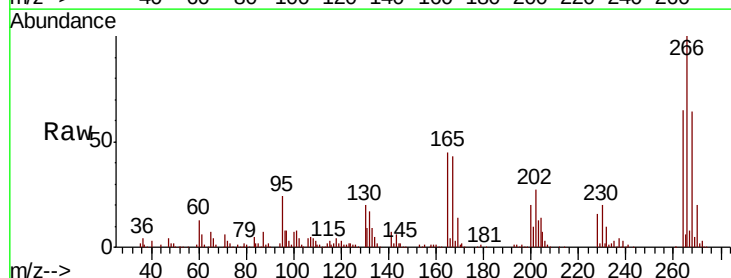
Tgt Ion:266 Resp: 191372

Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

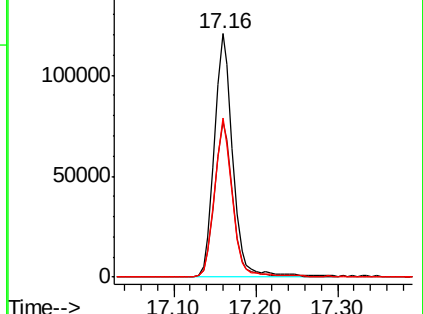
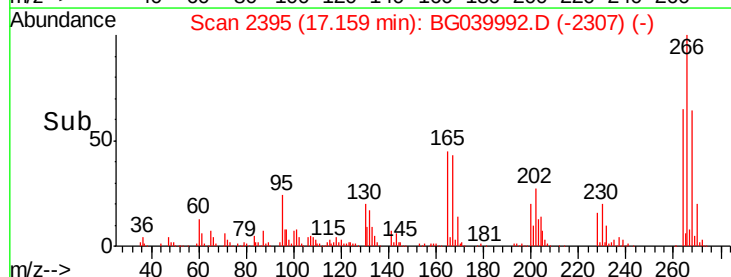
264 65.3 52.1 78.1

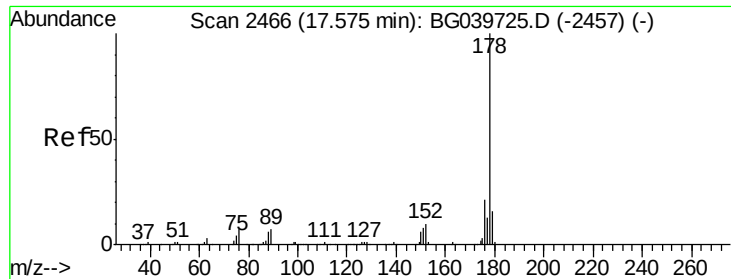


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

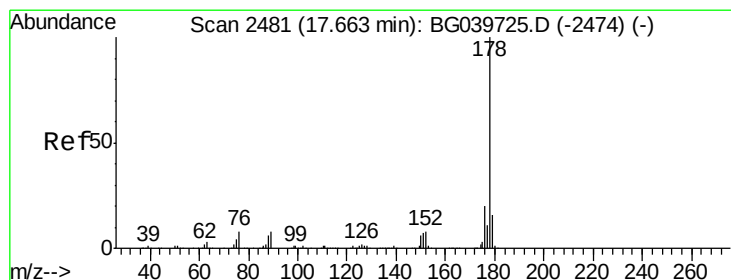
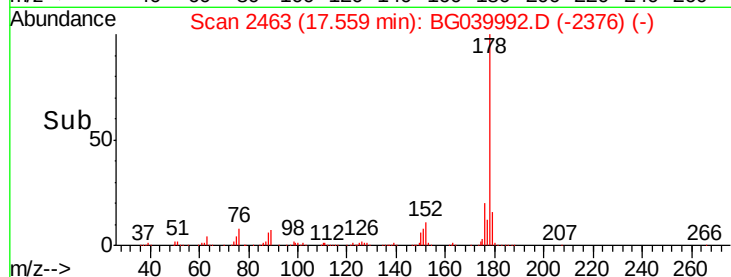
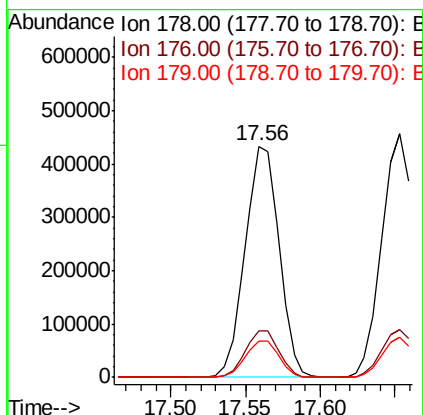
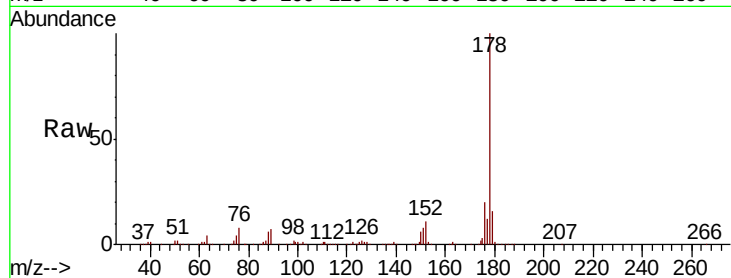




#71
 Phenanthrene
 Concen: 41.715 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

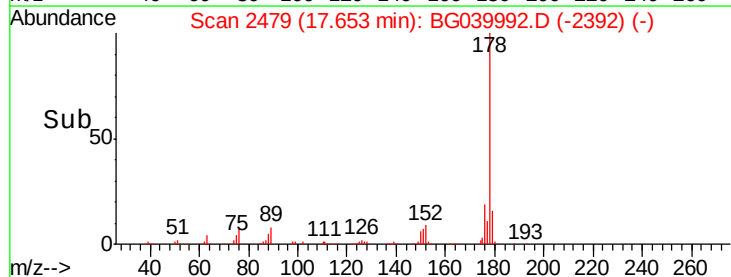
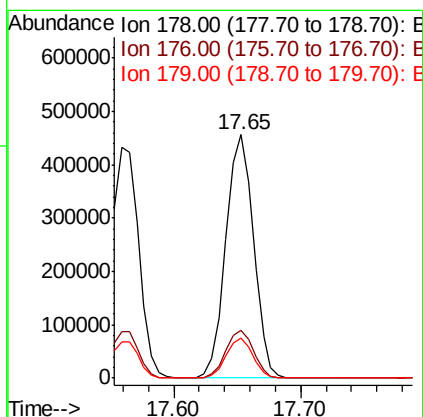
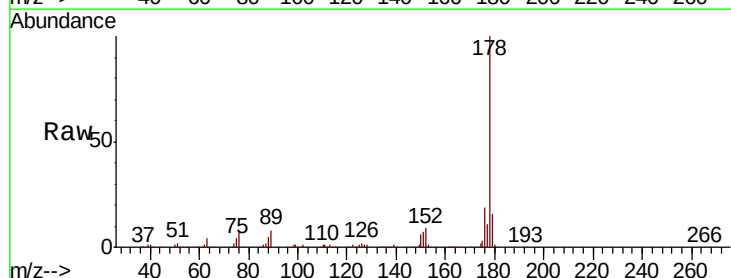
Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

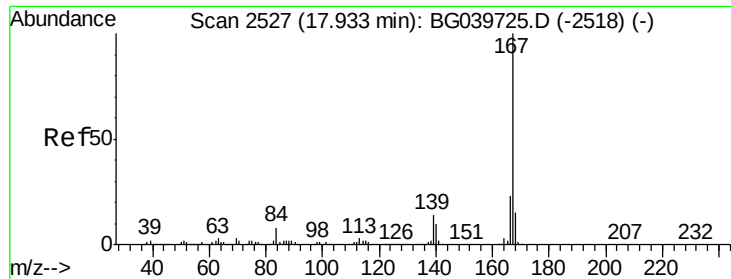
Tgt Ion:178 Resp: 681554
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.8 12.6 19.0



#72
 Anthracene
 Concen: 43.278 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion:178 Resp: 689042
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.2 12.5 18.7

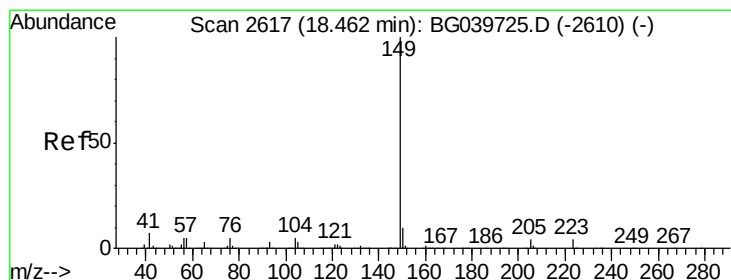
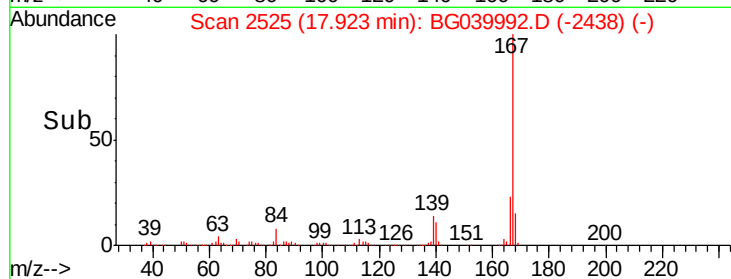
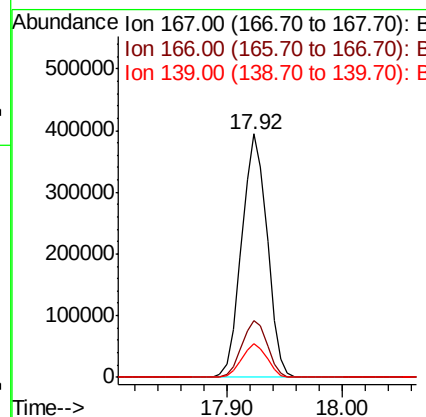
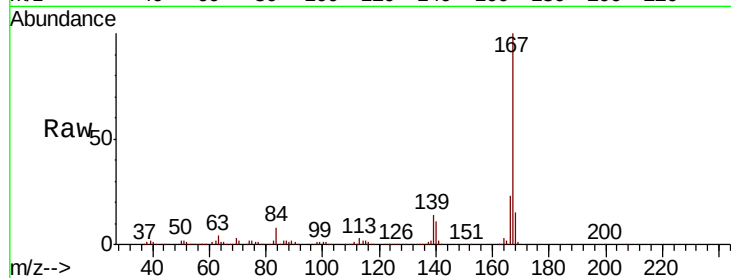




#73
 Carbazole
 Concen: 42.000 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

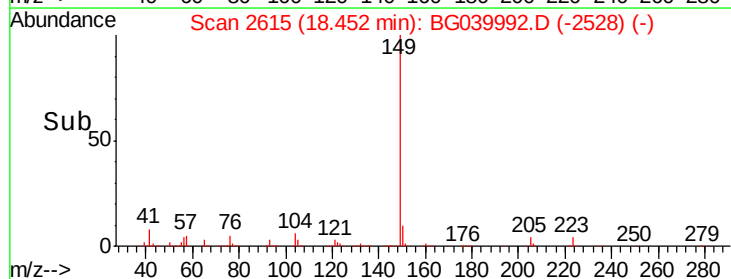
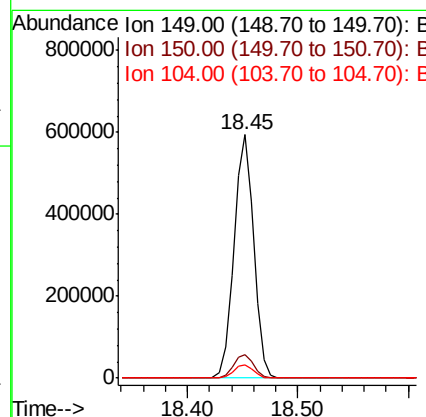
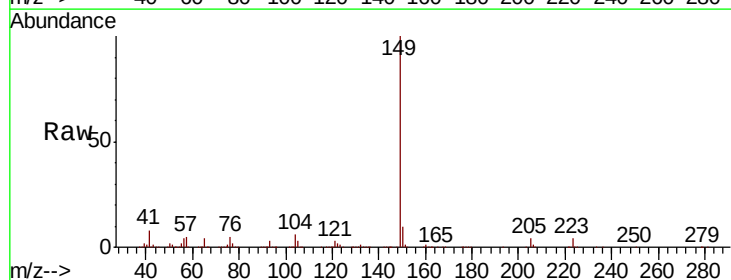
Instrument :
 BNA_G
 ClientSampleId :
 PB117977BS

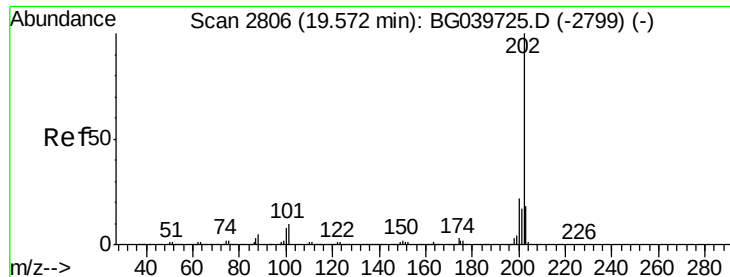
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.4	29.2
139	14.1	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 43.978 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039992.D
 Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 42.108 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

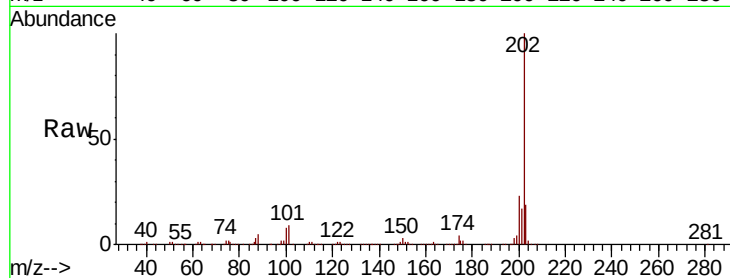
Tgt Ion:202 Resp: 813054

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.0

203 18.9 0.0 38.9

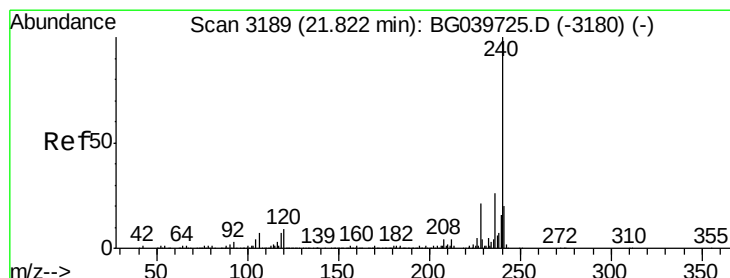
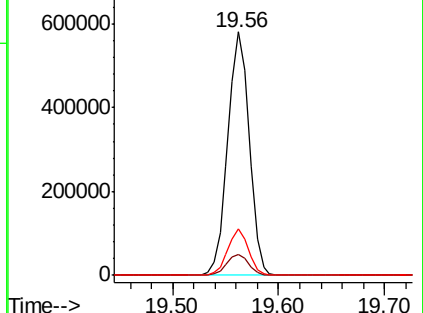
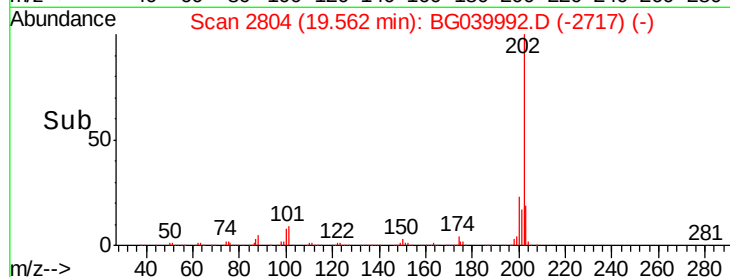


Abundance

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# 3186

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

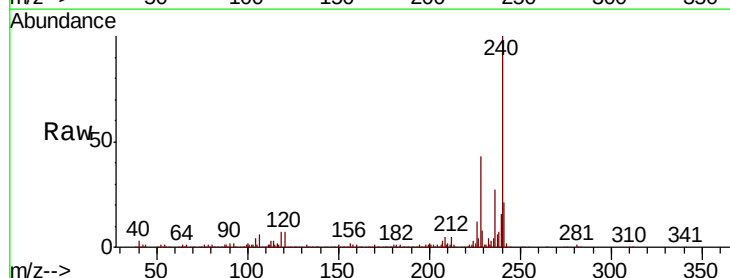
Tgt Ion:240 Resp: 294301

Ion Ratio Lower Upper

240 100

120 7.2 7.0 10.6

236 27.2 21.0 31.4

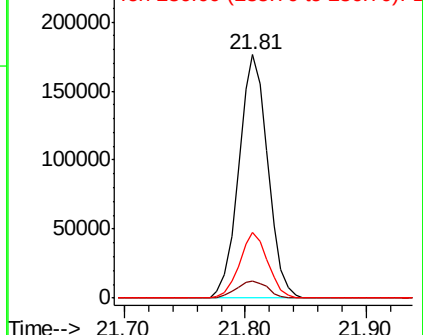
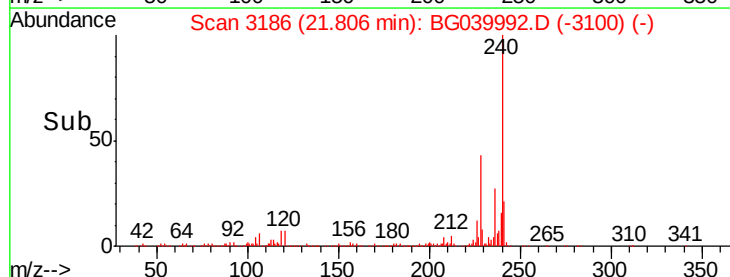


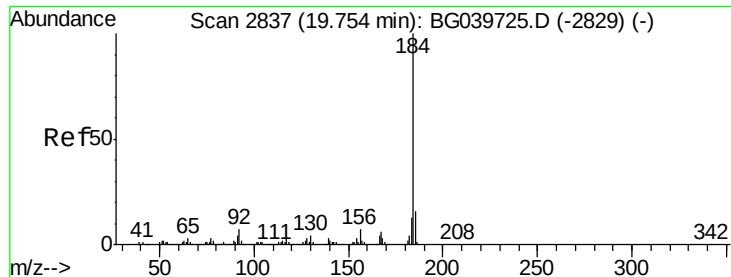
Abundance

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: 24.418 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

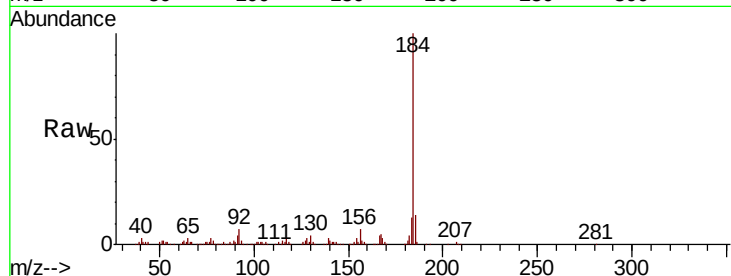
Tgt Ion:184 Resp: 228041

Ion Ratio Lower Upper

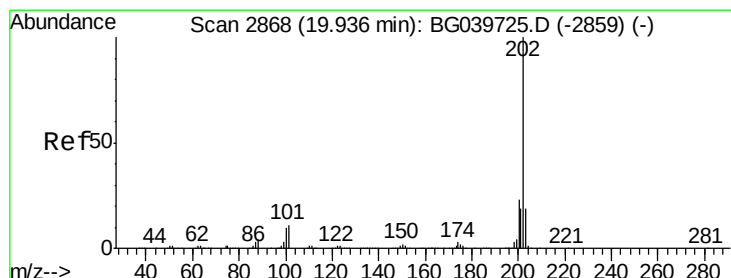
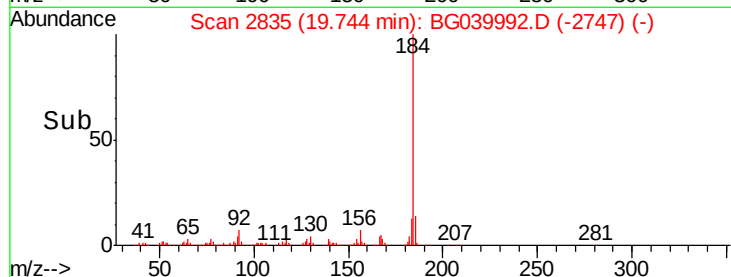
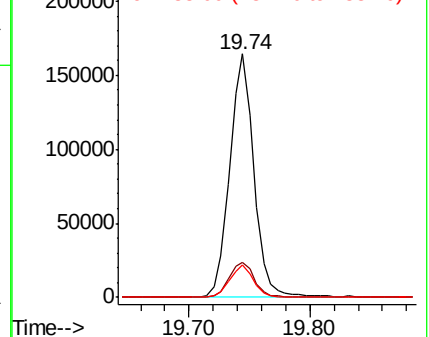
184 100

185 14.4 12.2 18.2

183 13.2 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: 42.869 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

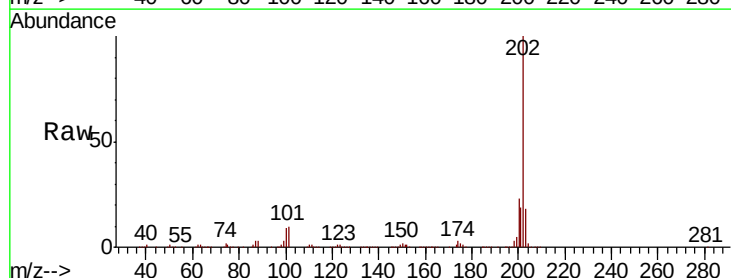
Tgt Ion:202 Resp: 819821

Ion Ratio Lower Upper

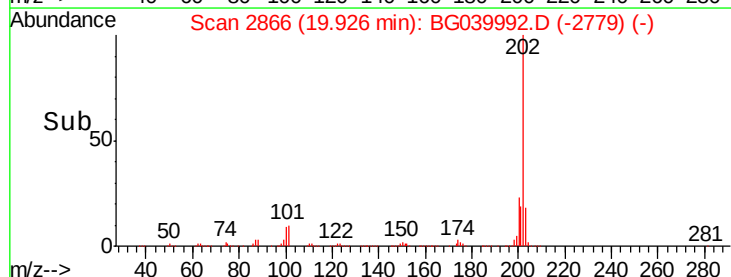
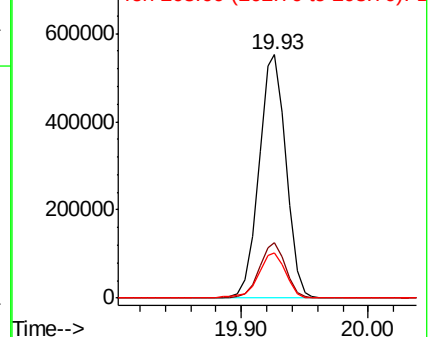
202 100

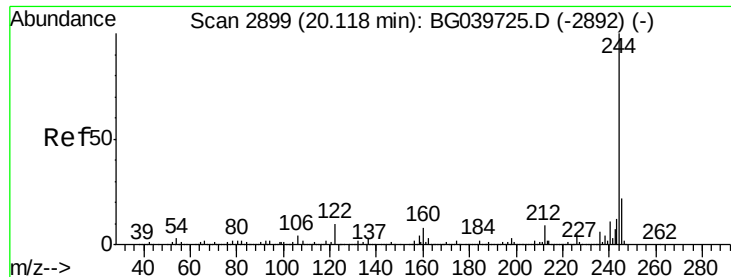
200 22.5 17.8 26.8

203 18.5 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: 89.333 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

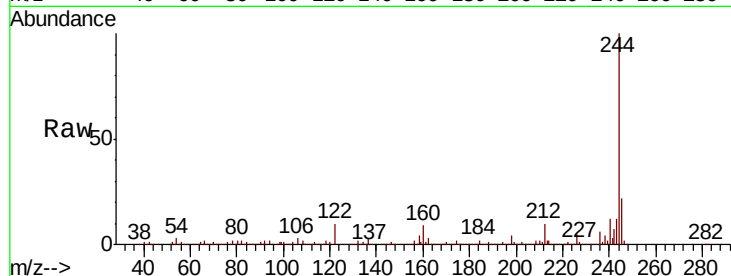
Tgt Ion:244 Resp: 1194056

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

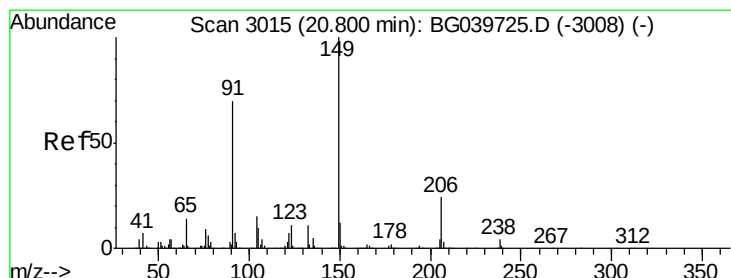
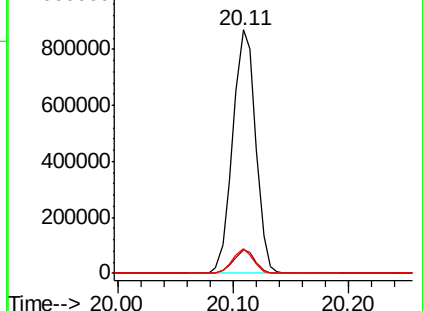
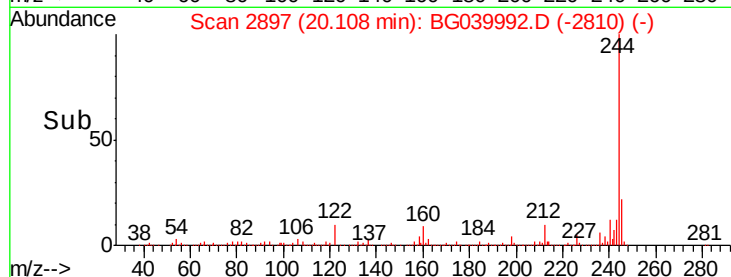
122 10.0 8.4 12.6



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: 46.783 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

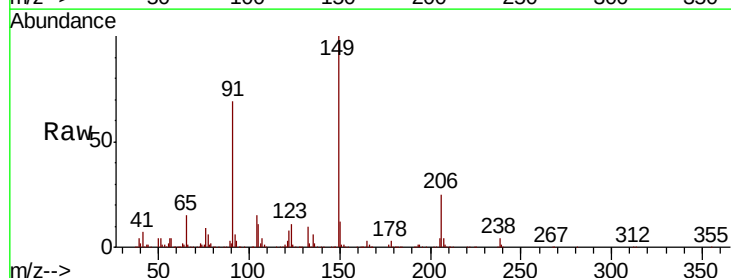
Tgt Ion:149 Resp: 346621

Ion Ratio Lower Upper

149 100

91 69.4 59.5 89.3

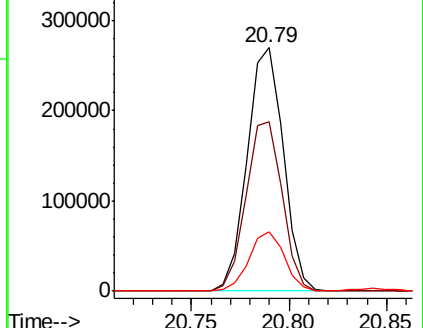
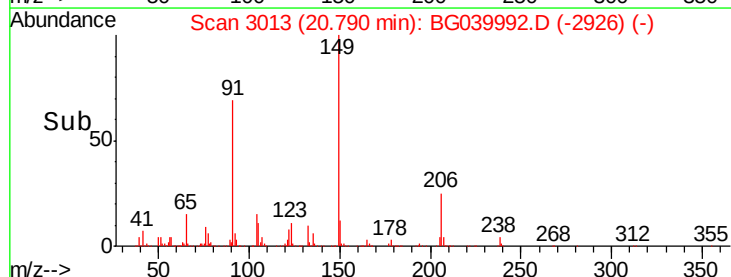
206 24.5 18.6 27.8

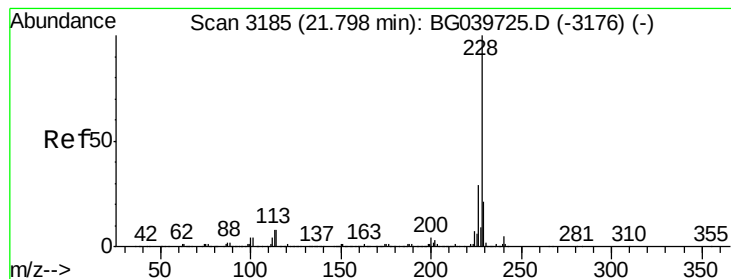


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.077 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

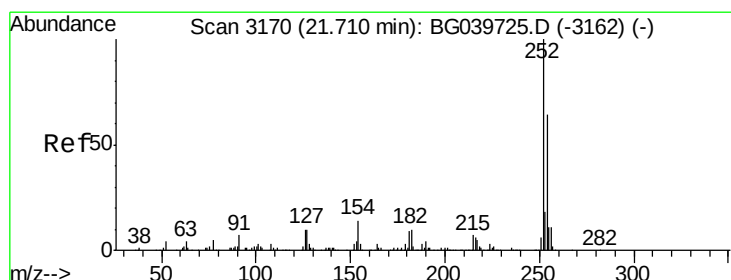
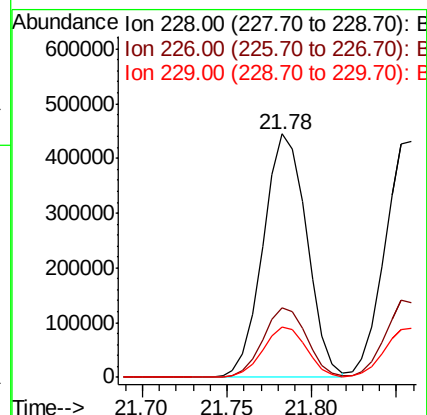
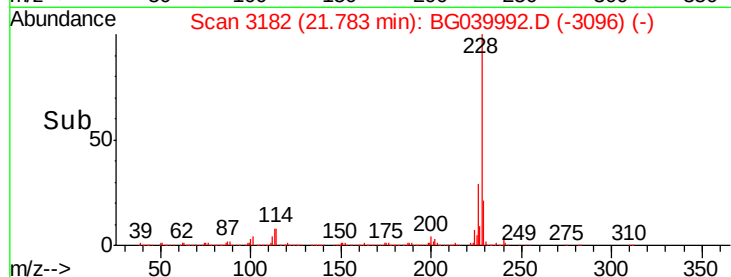
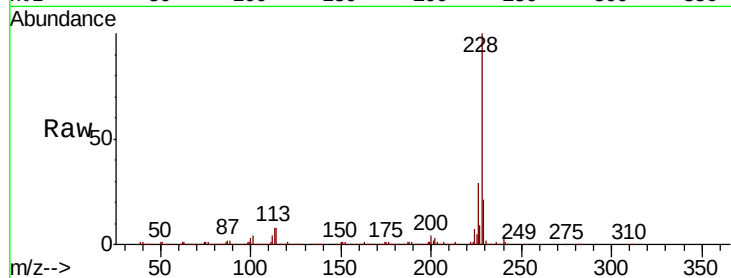
Tgt Ion:228 Resp: 794540

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

229 20.8 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 19.611 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

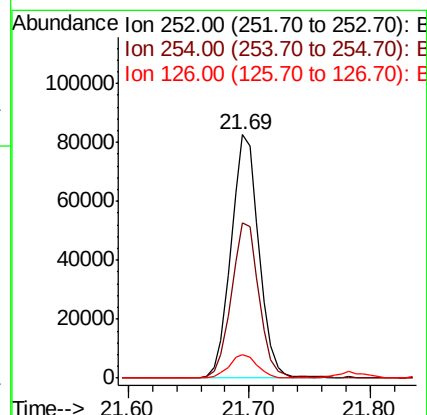
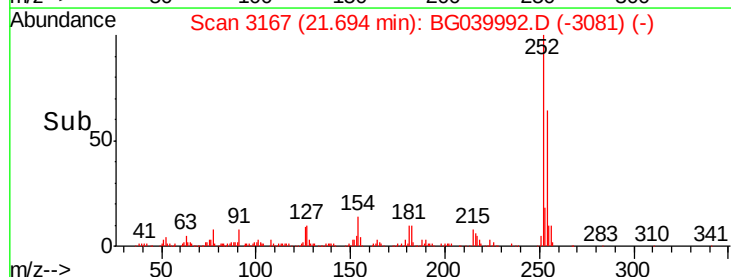
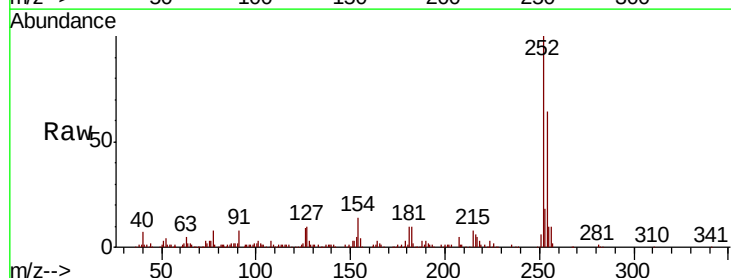
Tgt Ion:252 Resp: 132064

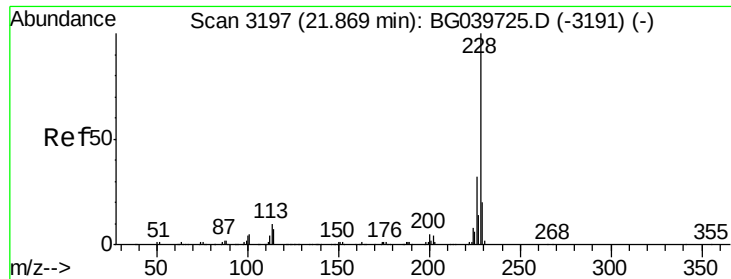
Ion Ratio Lower Upper

252 100

254 64.0 51.3 76.9

126 9.5 8.0 12.0





#83

Chrysene

Concen: 41.363 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

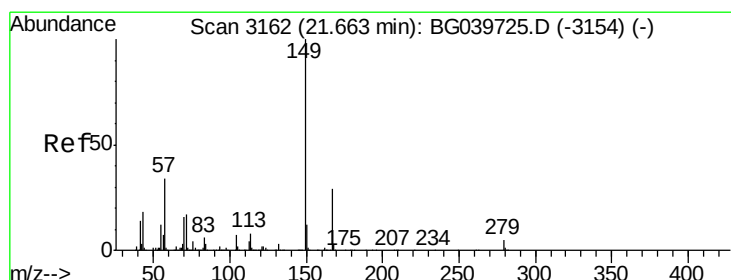
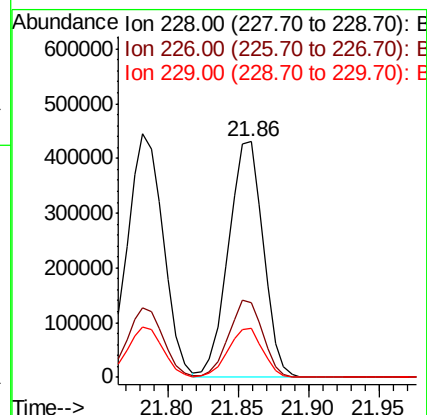
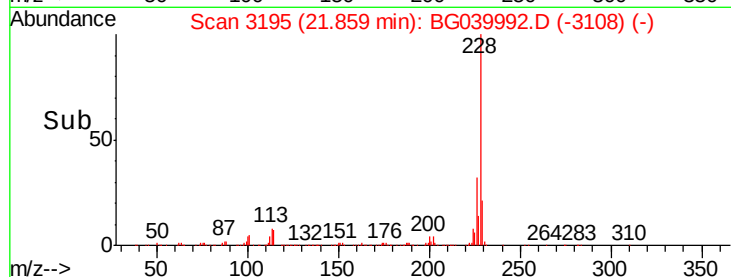
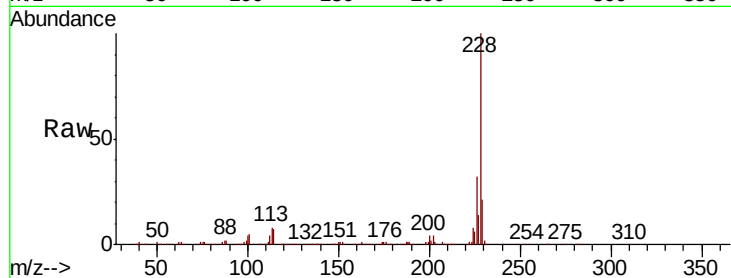
Tgt Ion:228 Resp: 739635

Ion Ratio Lower Upper

228 100

226 31.9 25.8 38.6

229 20.7 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.795 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

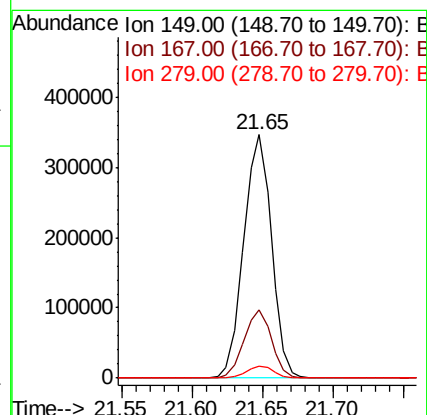
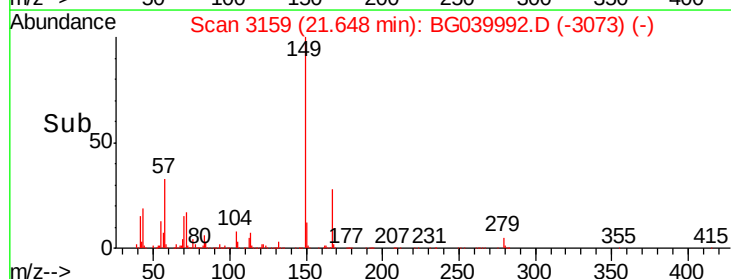
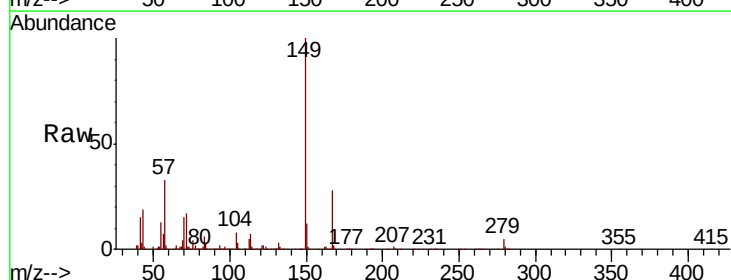
Tgt Ion:149 Resp: 476795

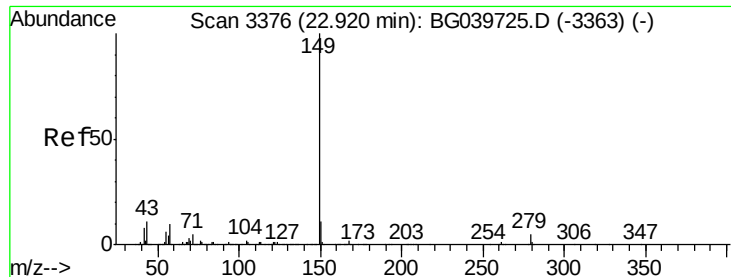
Ion Ratio Lower Upper

149 100

167 28.1 22.6 34.0

279 4.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.064 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

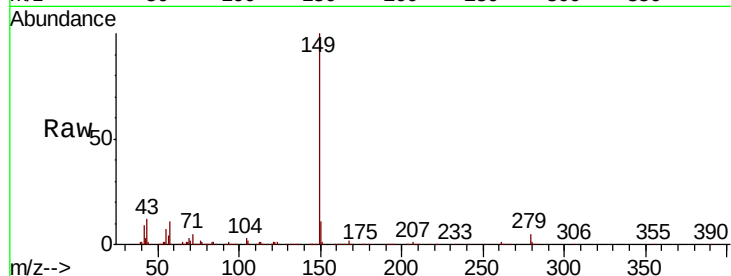
Tgt Ion:149 Resp: 811340

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

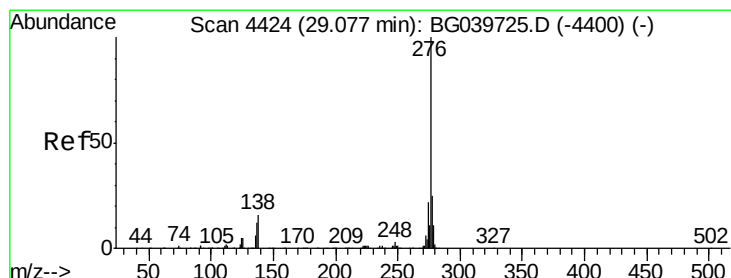
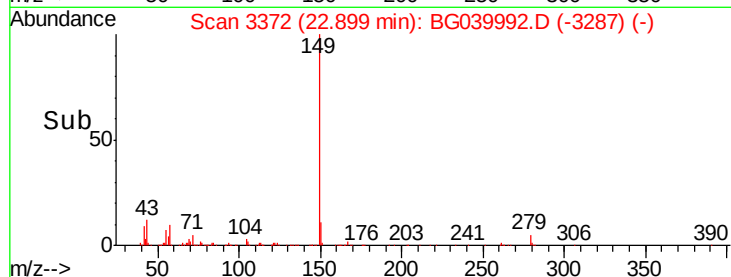
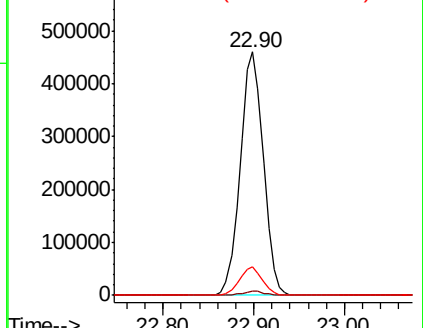
43 11.5 10.2 15.4



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: 42.533 ng

RT: 29.04 min Scan# 4417

Delta R.T. -0.05 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

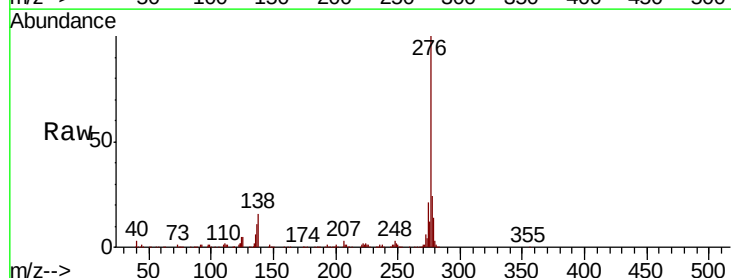
Tgt Ion:276 Resp: 862824

Ion Ratio Lower Upper

276 100

138 11.9 12.6 19.0#

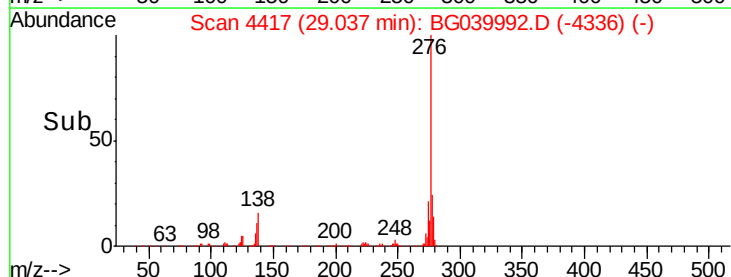
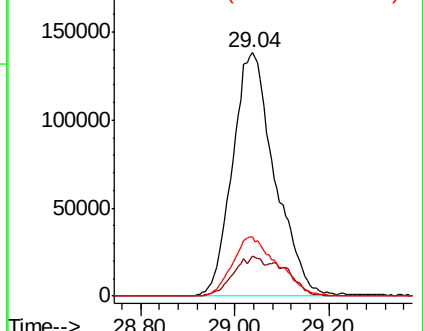
277 25.9 20.8 31.2

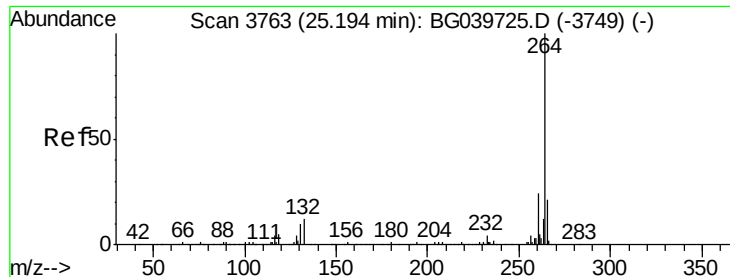


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB117977BS

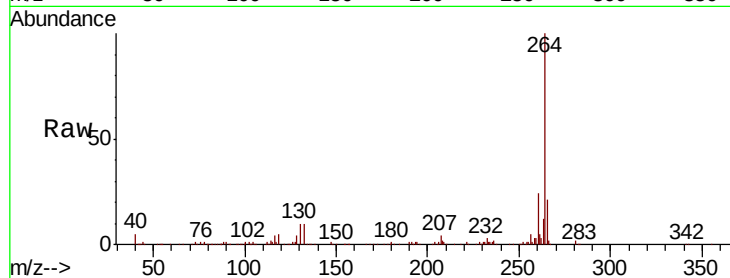
Tgt Ion:264 Resp: 293798

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

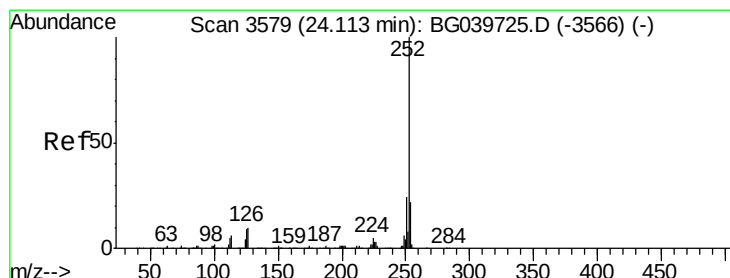
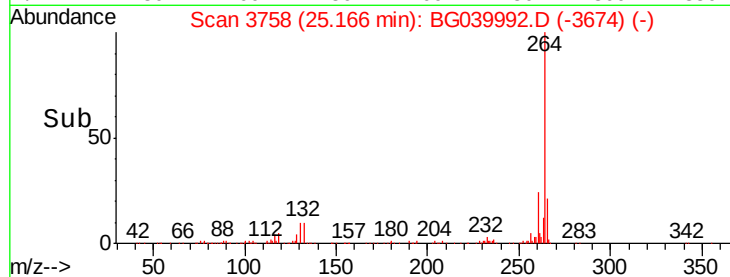
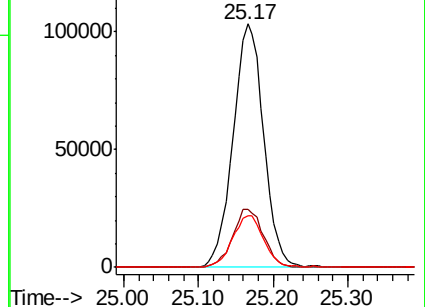
265 21.0 18.5 27.7



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: 43.847 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG039992.D

Acq: 19 Mar 2019 5:47

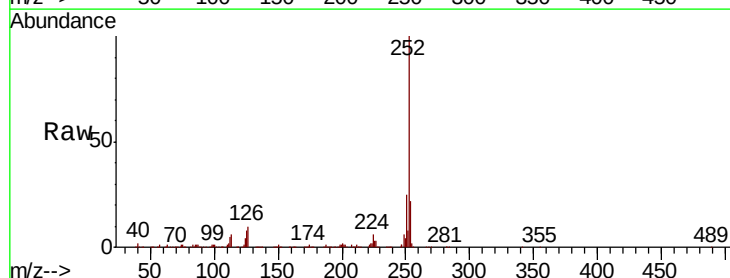
Tgt Ion:252 Resp: 768182

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

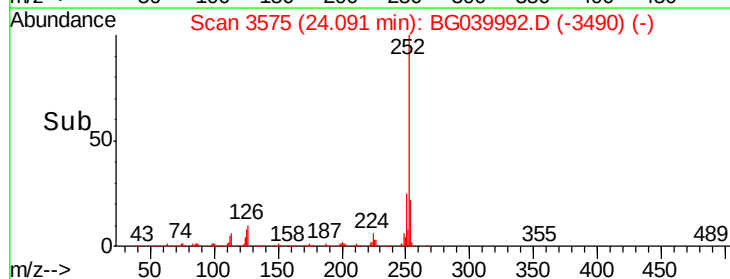
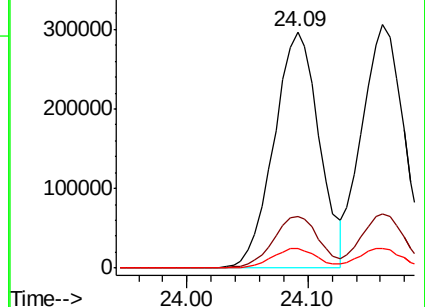
125 8.1 7.8 11.6

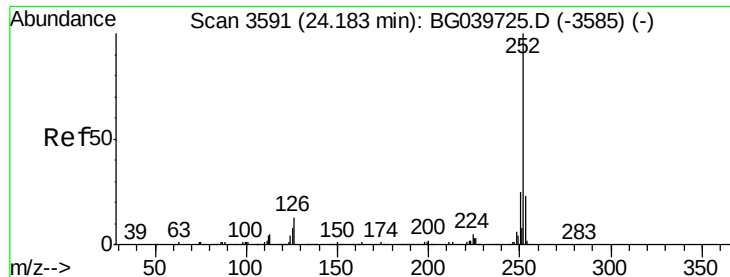


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

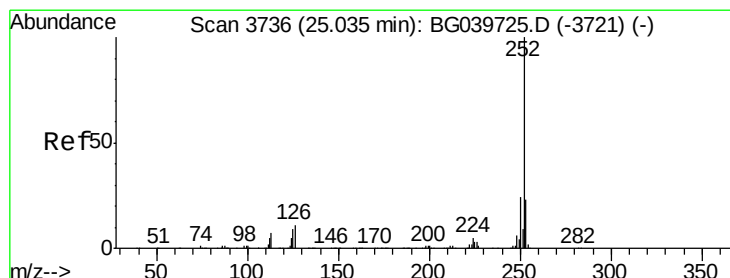
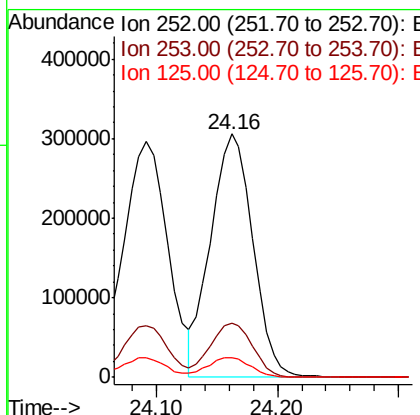
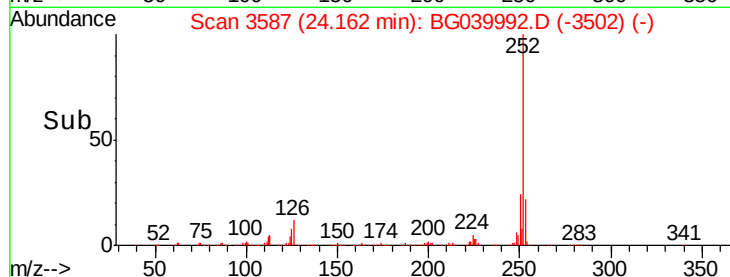
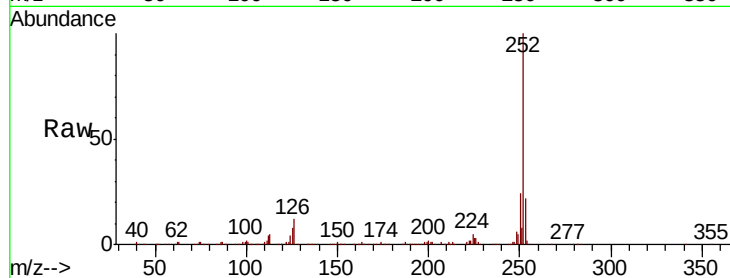




#89
Benzo(k)fluoranthene
Concen: 45.256 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

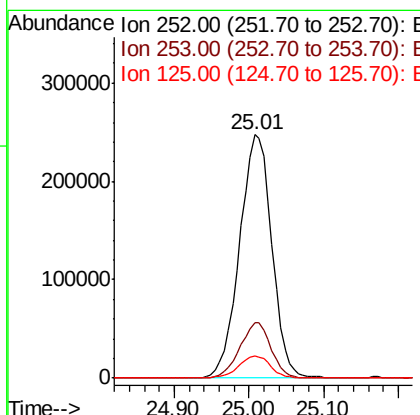
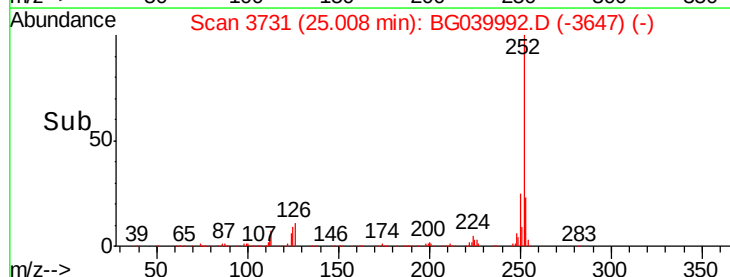
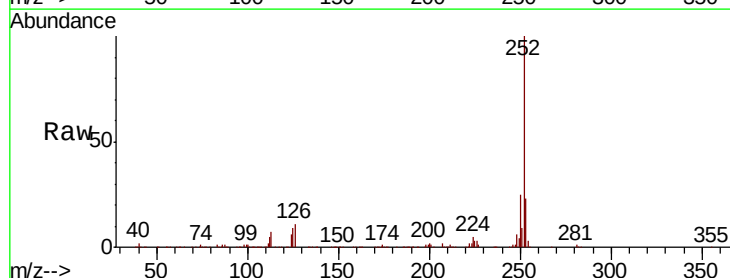
Instrument :
BNA_G
ClientSampleId :
PB117977BS

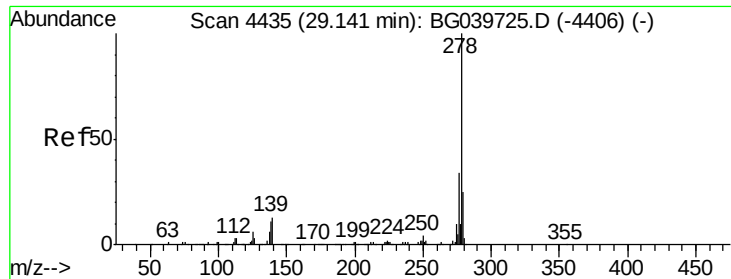
Tgt Ion:252 Resp: 738046
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 8.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 45.741 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion:252 Resp: 740513
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 9.3 8.3 12.5

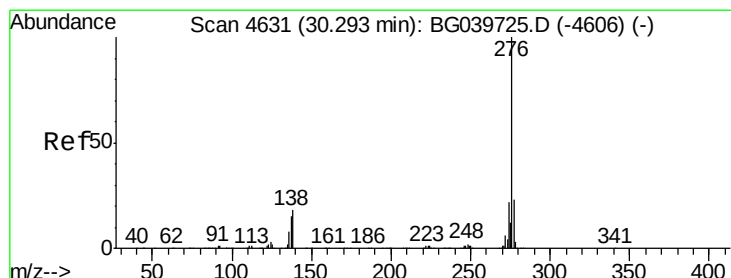
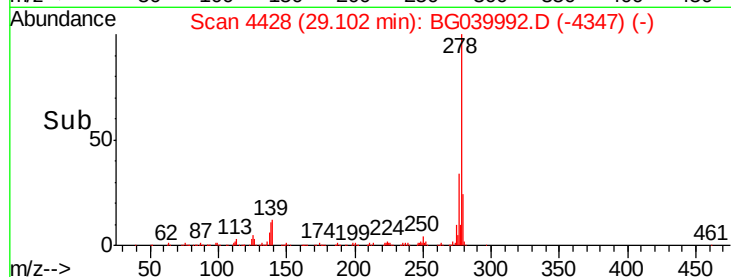
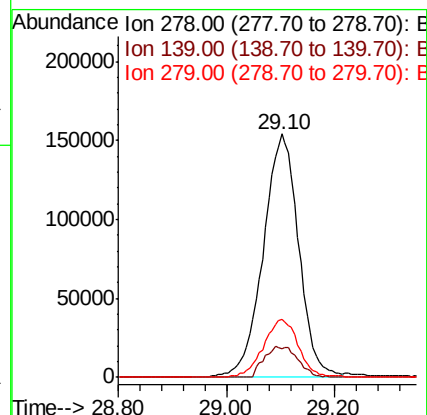
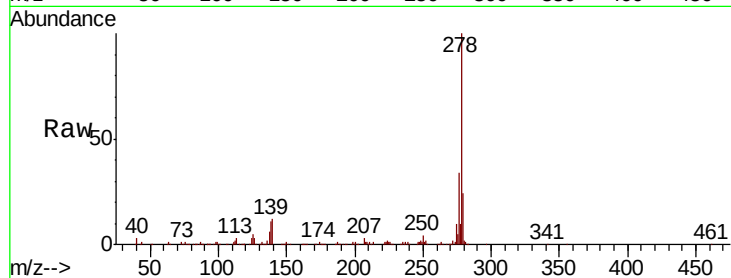




#91
Dibenzo(a,h)anthracene
Concen: 43.982 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Instrument :
BNA_G
ClientSampleId :
PB117977BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	11.7	17.5
279	24.0	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 45.120 ng
RT: 30.27 min Scan# 4626
Delta R.T. -0.05 min
Lab File: BG039992.D
Acq: 19 Mar 2019 5:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	16.9	14.7	22.1

