

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039925.D
 Acq On : 14 Mar 2019 15:04
 Operator : JU/SJ
 Sample : PB117907BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Quant Time: Mar 15 08:08:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36773	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	157396	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108069	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	268009	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	279951	20.00	ng	-0.02
87) Perylene-d12	25.17	264	265013	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	295021	136.87	ng	-0.02
7) Phenol-d6	7.30	99	410591	127.75	ng	-0.02
23) Nitrobenzene-d5	9.32	82	230515	79.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	170087	135.03	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	567538	74.77	ng	-0.02
79) Terphenyl-d14	20.11	244	989729	77.84	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.58	88	38951	39.141 ng	97
3) Pyridine	3.98	79	95478	35.838 ng	94
4) n-Nitrosodimethylamine	3.90	42	49190	38.921 ng	# 83
6) Aniline	7.47	93	118787	28.210 ng	99
8) 2-Chlorophenol	7.71	128	107836	41.237 ng	96
9) Benzaldehyde	7.29	77	48211	23.254 ng	94
10) Phenol	7.32	94	146262	42.008 ng	99
11) bis(2-Chloroethyl)ether	7.57	93	101746	37.481 ng	97
12) 1,3-Dichlorobenzene	8.04	146	115070	38.907 ng	96
13) 1,4-Dichlorobenzene	8.18	146	114200	37.909 ng	98
14) 1,2-Dichlorobenzene	8.50	146	110835	38.079 ng	98
15) Benzyl Alcohol	8.38	79	101048	39.635 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	206087	37.958 ng	98
17) 2-Methylphenol	8.58	107	92822	41.810 ng	96
18) Hexachloroethane	9.23	117	42157	39.001 ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	85292	36.870 ng	93
20) 3+4-Methylphenols	8.91	107	128151	41.550 ng	98
22) Acetophenone	8.98	105	160741	38.050 ng	# 96
24) Nitrobenzene	9.37	77	124187	40.677 ng	98
25) Isophorone	9.88	82	241722	39.641 ng	97
26) 2-Nitrophenol	10.07	139	61519	41.734 ng	98
27) 2,4-Dimethylphenol	10.12	122	112738	49.176 ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	147645	39.843 ng	99
29) 2,4-Dichlorophenol	10.61	162	119776	46.404 ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	117704	40.525 ng	100
31) Naphthalene	11.02	128	333663	40.039 ng	99
32) Benzoic acid	10.24	122	55395	36.952 ng	99
33) 4-Chloroaniline	11.13	127	88479	25.038 ng	97
34) Hexachlorobutadiene	11.28	225	78732	39.668 ng	94
35) Caprolactam	11.91	113	23193	23.522 ng	88
36) 4-Chloro-3-methylphenol	12.23	107	129982	43.930 ng	99
37) 2-Methylnaphthalene	12.61	142	259563	41.661 ng	99
38) 1-Methylnaphthalene	12.83	142	246191	40.661 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	144357	39.430 ng	99

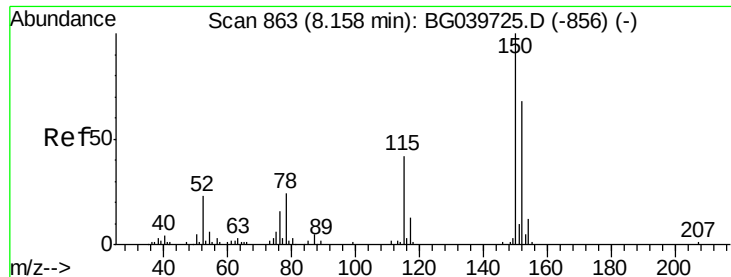
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039925.D
 Acq On : 14 Mar 2019 15:04
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	185349	94.469	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	100529	46.901	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	105007	43.463	ng	96
46) 1,1'-Biphenyl	13.61	154	349437	39.313	ng	98
47) 2-Chloronaphthalene	13.66	162	269979	40.375	ng	97
48) 2-Nitroaniline	13.86	65	94106	43.792	ng	94
49) Acenaphthylene	14.50	152	433970	39.534	ng	99
50) Dimethylphthalate	14.22	163	365281	40.422	ng	99
51) 2,6-Dinitrotoluene	14.35	165	81791	42.695	ng	98
52) Acenaphthene	14.84	154	262303	39.702	ng	99
53) 3-Nitroaniline	14.69	138	55637	28.892	ng	# 94
54) 2,4-Dinitrophenol	14.89	184	71320	60.411	ng	97
55) Dibenzofuran	15.17	168	436451	40.264	ng	100
56) 4-Nitrophenol	14.98	139	143488	83.294	ng	93
57) 2,4-Dinitrotoluene	15.13	165	117244	43.556	ng	# 93
58) Fluorene	15.82	166	344897	40.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	104751	44.395	ng	99
60) Diethylphthalate	15.57	149	375482	41.974	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	182300	40.090	ng	99
62) 4-Nitroaniline	15.85	138	89157	42.706	ng	96
63) Azobenzene	16.10	77	331579	40.890	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	62317	39.325	ng	97
66) n-Nitrosodiphenylamine	16.02	169	323819	41.735	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	120611	40.205	ng	96
68) Hexachlorobenzene	16.81	284	124392	40.002	ng	96
69) Atrazine	16.96	200	131639	43.109	ng	99
70) Pentachlorophenol	17.16	266	159002	80.963	ng	99
71) Phenanthrene	17.56	178	596739	40.423	ng	99
72) Anthracene	17.65	178	608071	42.269	ng	99
73) Carbazole	17.92	167	537482	41.444	ng	98
74) Di-n-butylphthalate	18.45	149	654815	42.914	ng	100
75) Fluoranthene	19.56	202	728455	41.754	ng	99
77) Benzidine	19.74	184	292855	32.966	ng	99
78) Pyrene	19.93	202	735096	40.409	ng	99
80) Butylbenzylphthalate	20.79	149	309689	43.941	ng	96
81) Benzo(a)anthracene	21.78	228	704477	40.152	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	166292	25.960	ng	100
83) Chrysene	21.85	228	675494	39.712	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	428436	43.259	ng	98
85) Di-n-octyl phthalate	22.90	149	730560	44.550	ng	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	796528	41.278	ng	# 97
88) Benzo(b)fluoranthene	24.09	252	703431	44.512	ng	98
89) Benzo(k)fluoranthene	24.16	252	675223	45.901	ng	99
90) Benzo(a)pyrene	25.01	252	678970	46.495	ng	99
91) Dibenzo(a,h)anthracene	29.10	278	649766	45.387	ng	98
92) Benzo(g,h,i)perylene	30.26	276	658788	45.819	ng	96

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

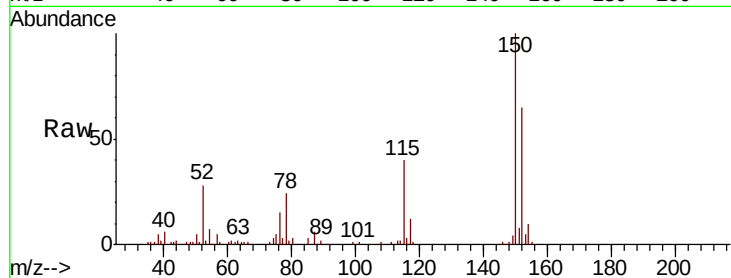


#1

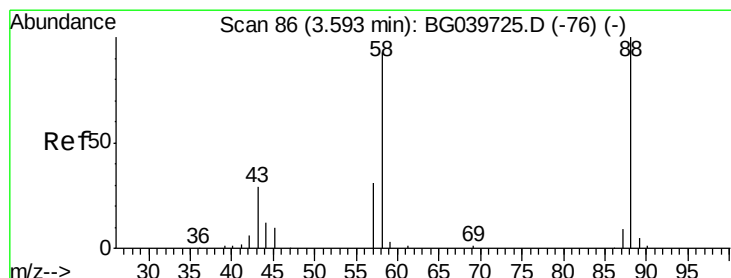
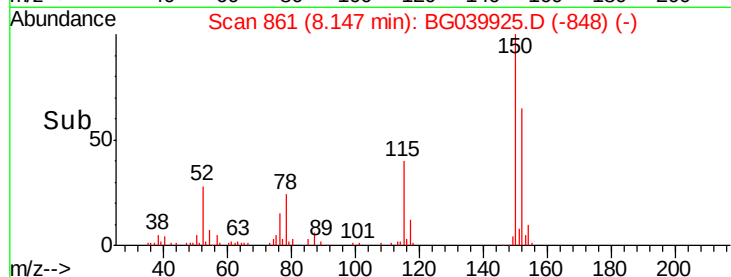
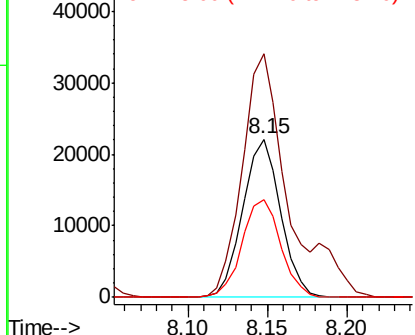
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion:152 Resp: 36773
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 62.1 45.9 68.9



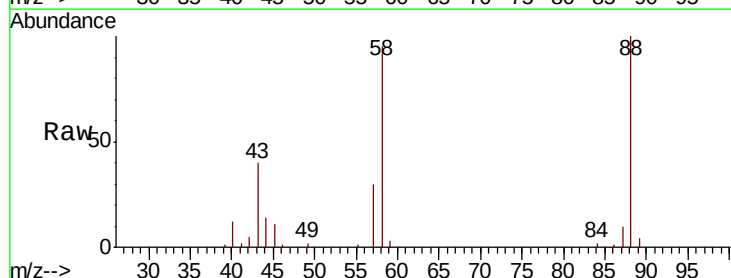
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



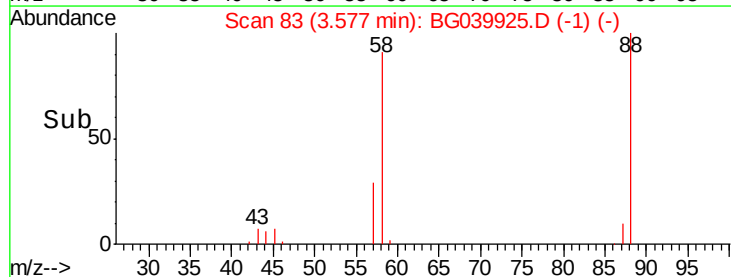
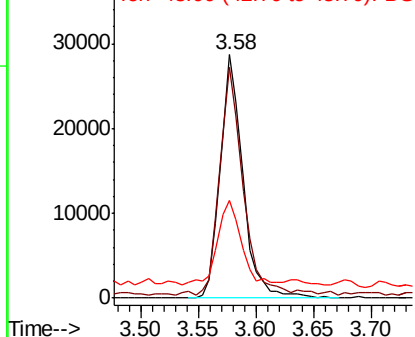
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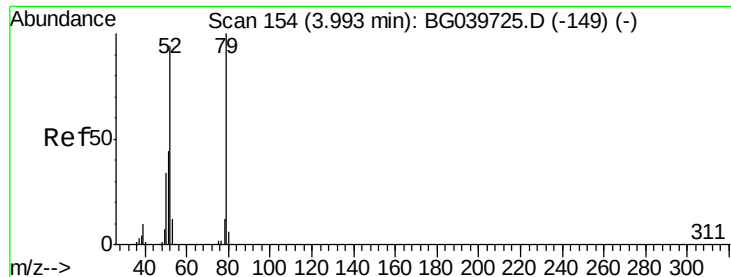
1,4-Dioxane
Concen: 39.141 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion: 88 Resp: 38951
Ion Ratio Lower Upper
88 100
58 98.8 81.1 121.7
43 36.8 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.838 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

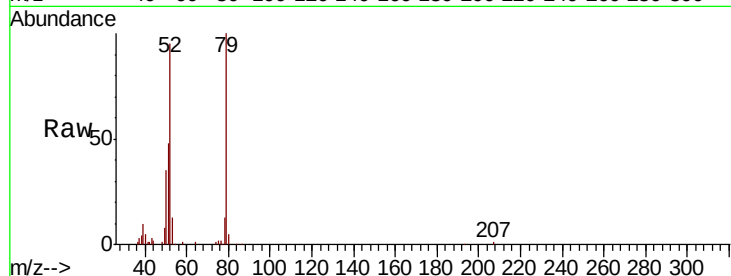
Tot Ion: 79 Resp: 95478

Ion Ratio Lower Upper

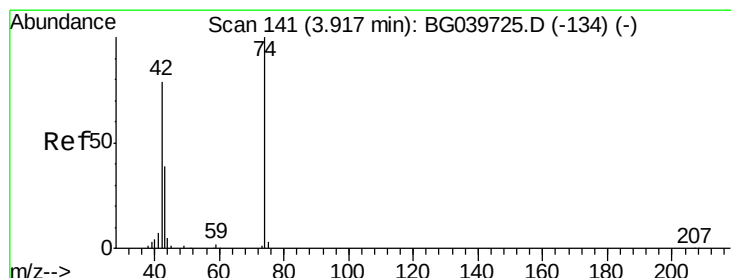
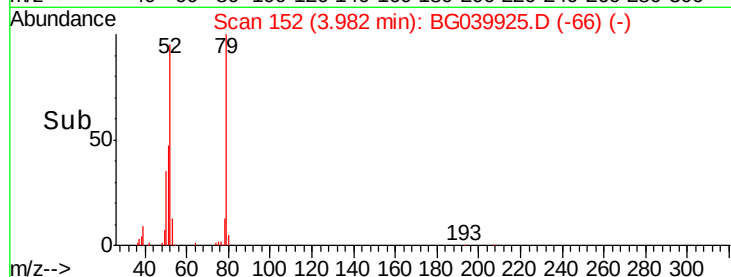
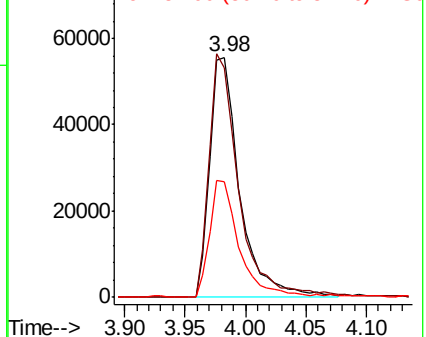
79 100

52 95.3 82.6 124.0

51 48.0 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: 38.921 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

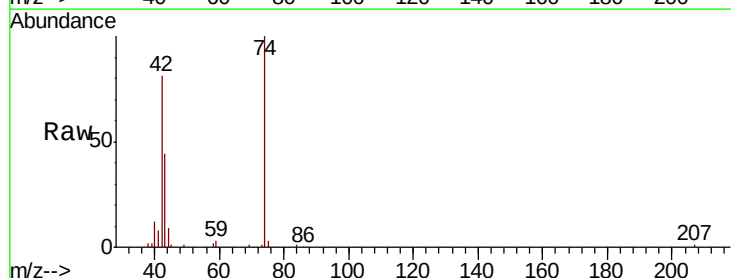
Tgt Ion: 42 Resp: 49190

Ion Ratio Lower Upper

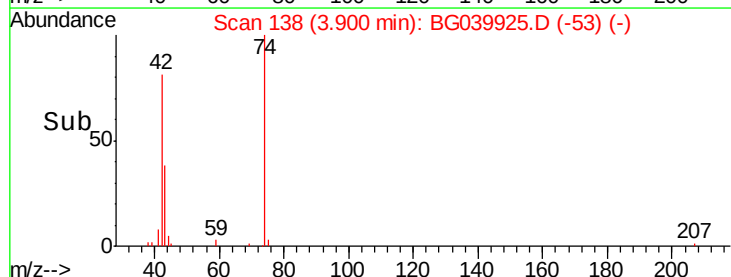
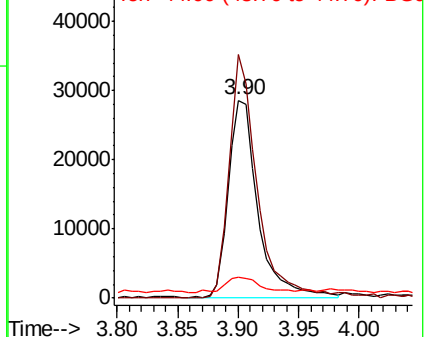
42 100

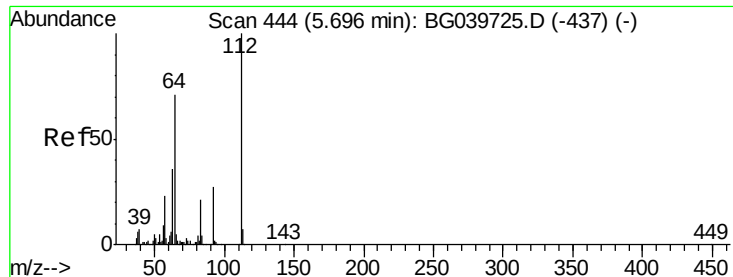
74 122.9 83.6 125.4

44 10.5 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: 136.869 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

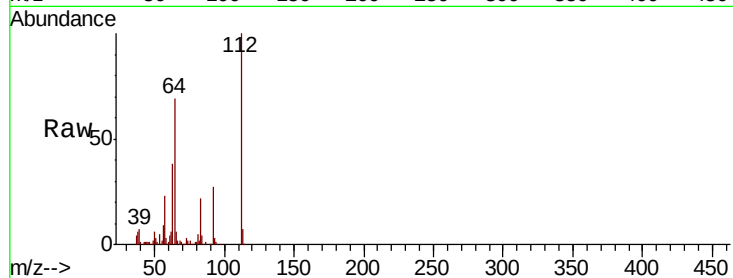
Tot Ion:112 Resp: 295021

Ion Ratio Lower Upper

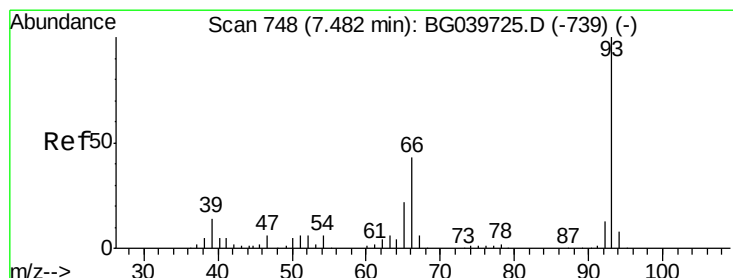
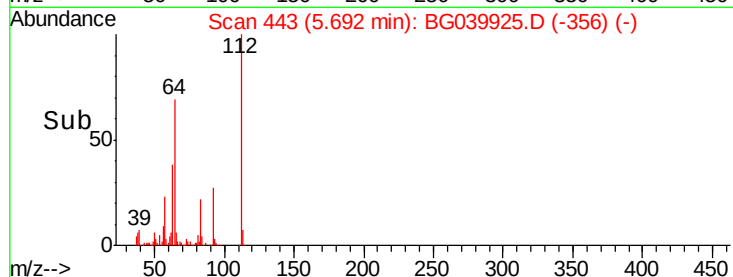
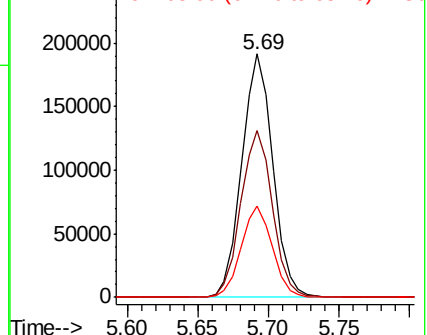
112 100

64 68.5 57.8 86.8

63 37.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.210 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

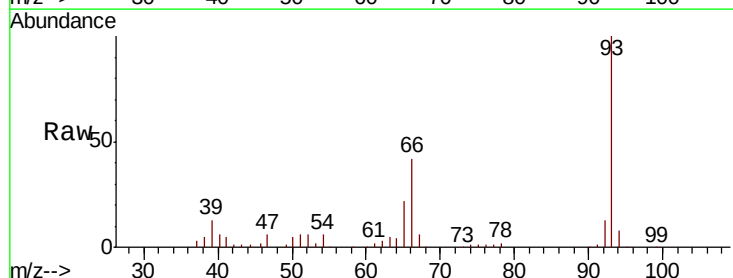
Tgt Ion: 93 Resp: 118787

Ion Ratio Lower Upper

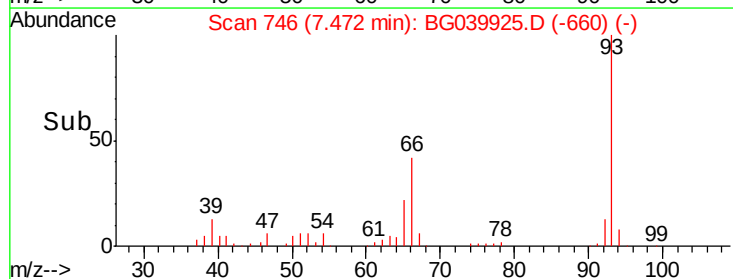
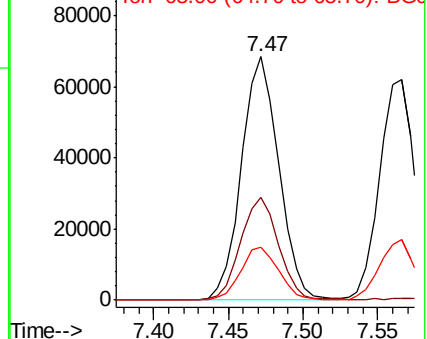
93 100

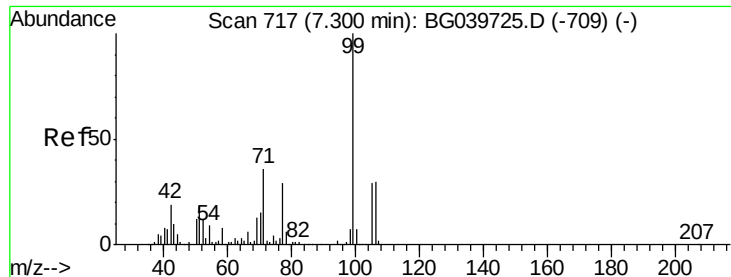
66 42.1 34.2 51.4

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: 127.752 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

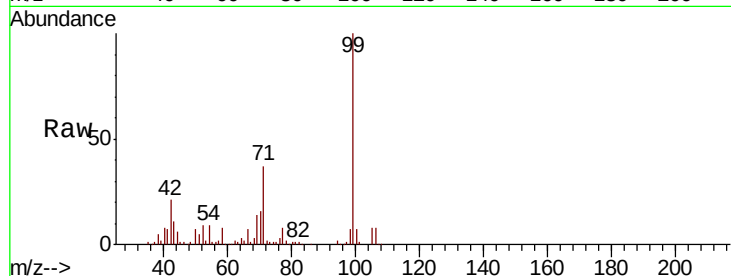
Tot Ion: 99 Resp: 410591

Ion Ratio Lower Upper

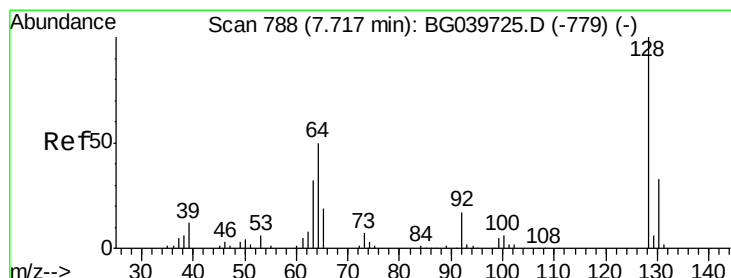
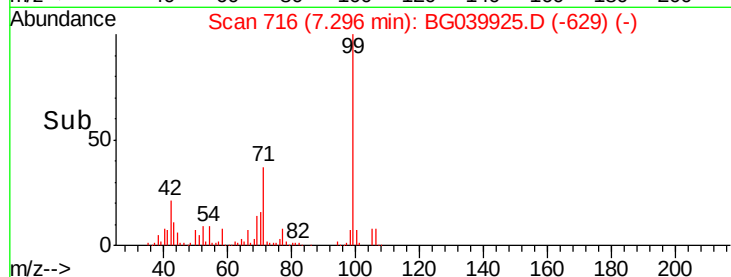
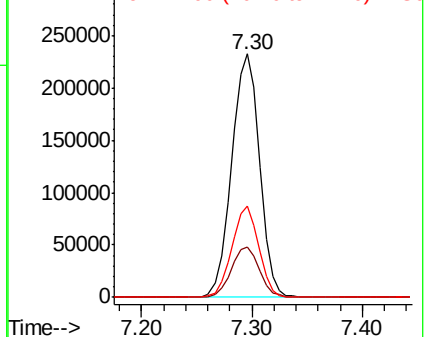
99 100

42 20.6 18.2 27.2

71 37.2 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: 41.237 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

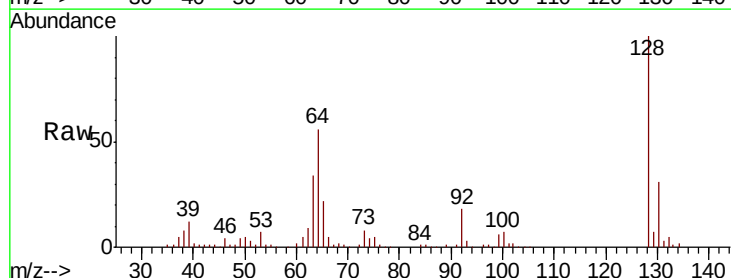
Tgt Ion:128 Resp: 107836

Ion Ratio Lower Upper

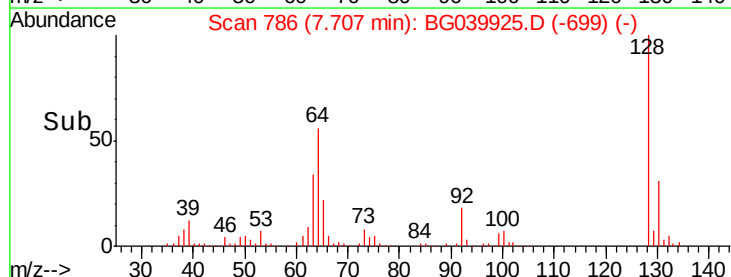
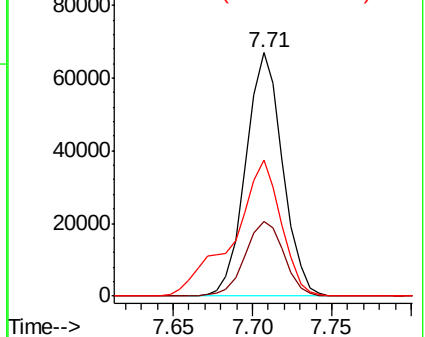
128 100

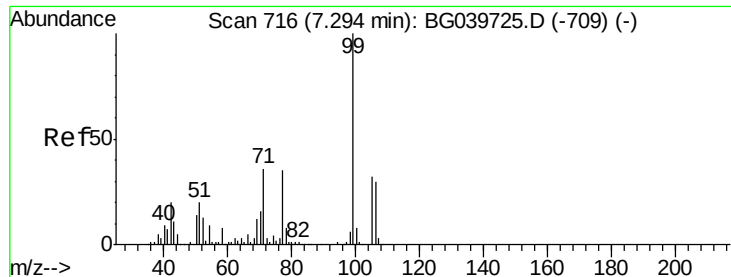
130 30.7 12.9 52.9

64 55.6 38.7 78.7



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





#9

Benzaldehyde

Concen: 23.254 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

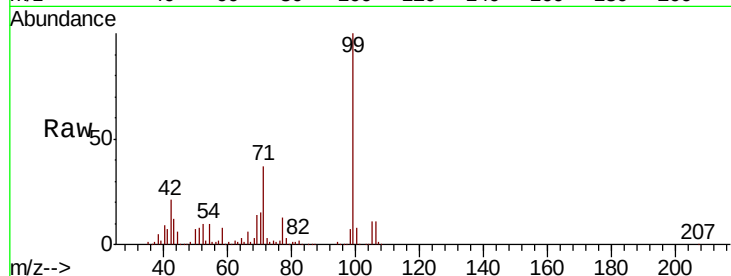
Tot Ion: 77 Resp: 48211

Ion Ratio Lower Upper

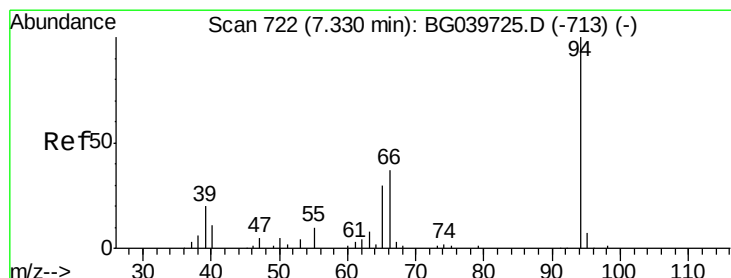
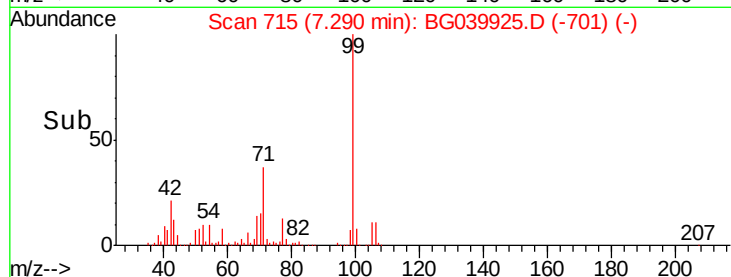
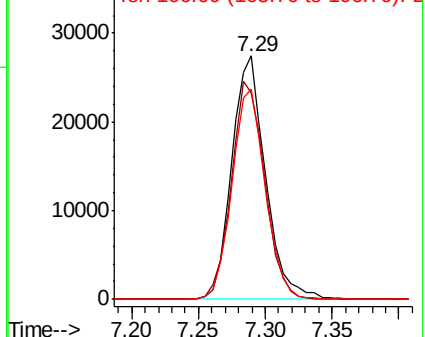
77 100

105 85.1 74.5 114.5

106 86.4 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: 42.008 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

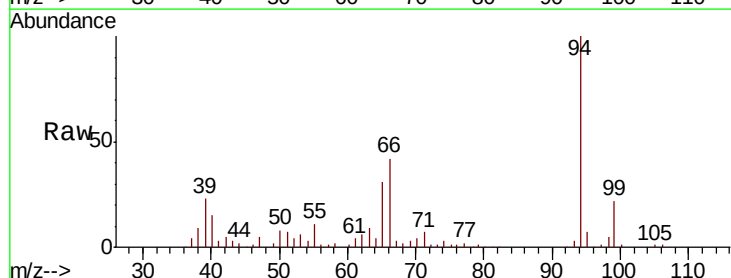
Tgt Ion: 94 Resp: 146262

Ion Ratio Lower Upper

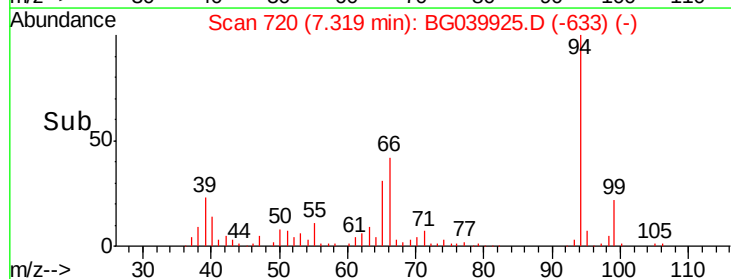
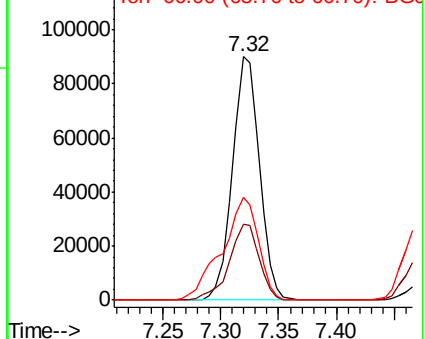
94 100

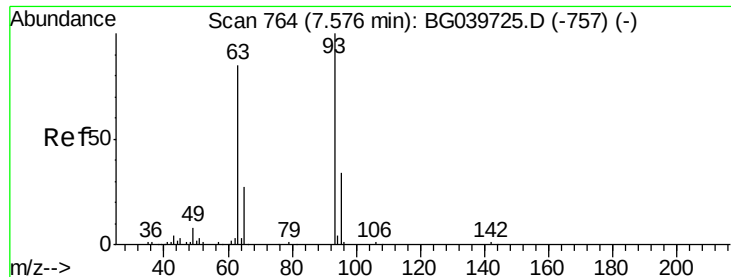
65 31.4 11.7 51.7

66 42.3 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 37.481 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

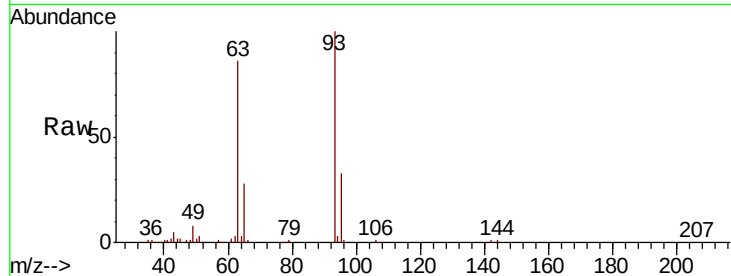
Tot Ion: 93 Resp: 101746

Ion Ratio Lower Upper

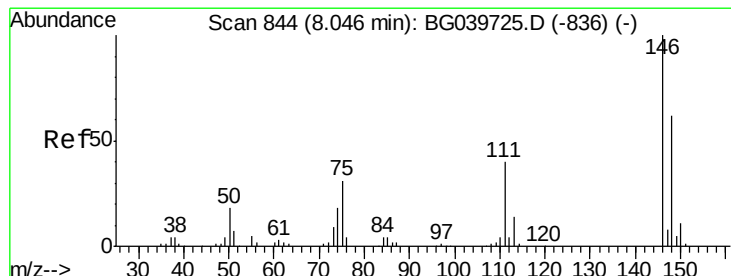
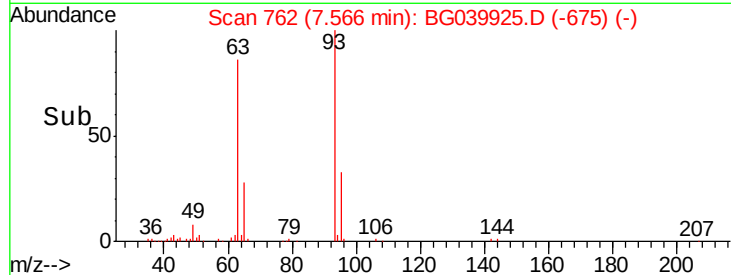
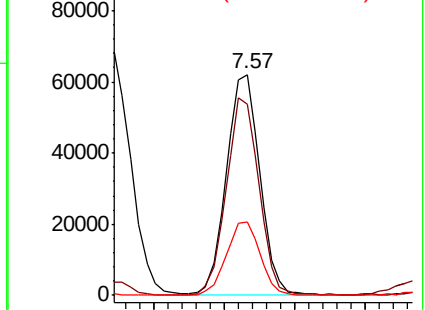
93 100

63 86.2 69.5 109.5

95 33.1 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 38.907 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

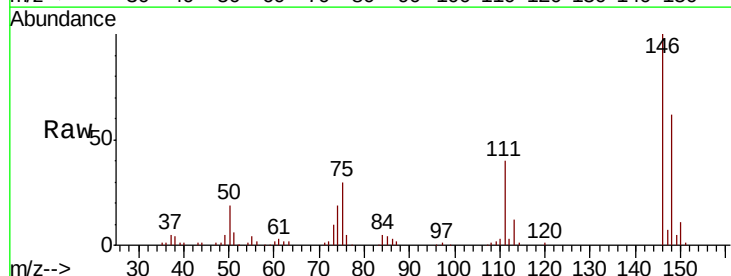
Tgt Ion: 146 Resp: 115070

Ion Ratio Lower Upper

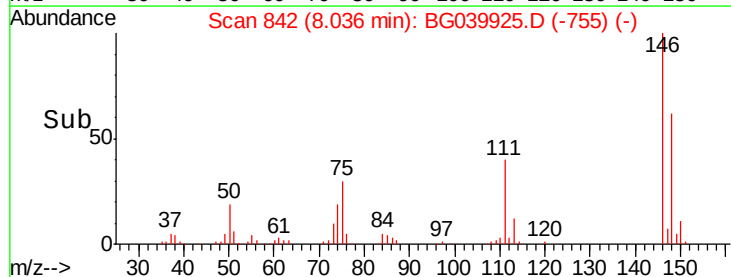
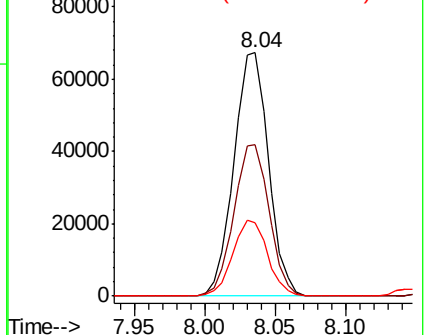
146 100

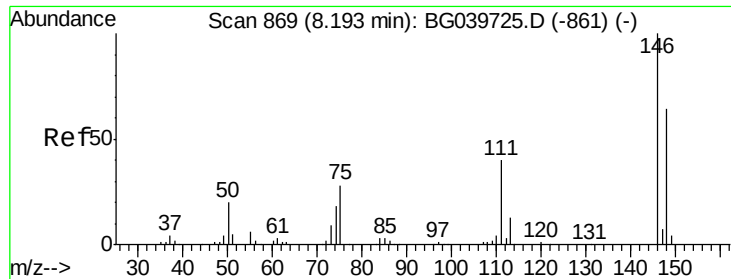
148 62.2 52.6 79.0

75 30.2 25.8 38.6



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

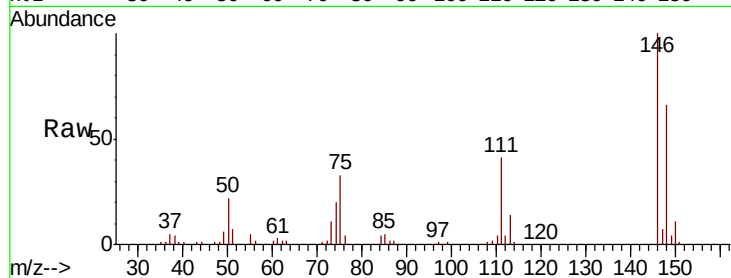




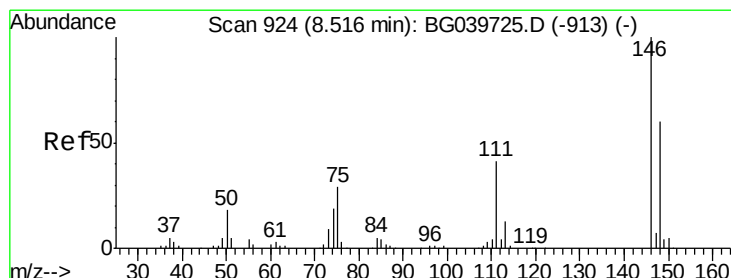
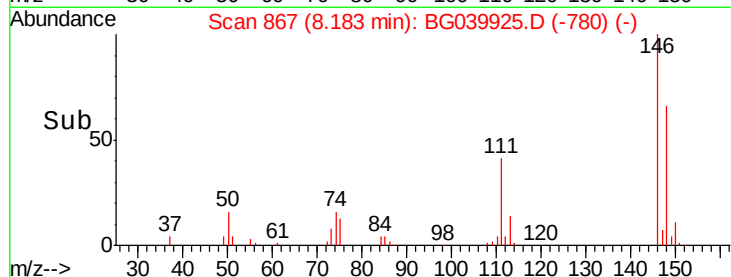
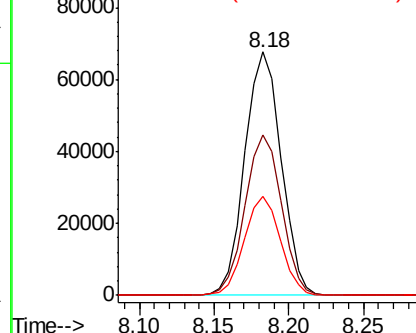
#13
 1,4-Dichlorobenzene
 Concen: 37.909 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion:146 Resp: 114200
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.1 76.7
 111 40.9 32.6 48.8

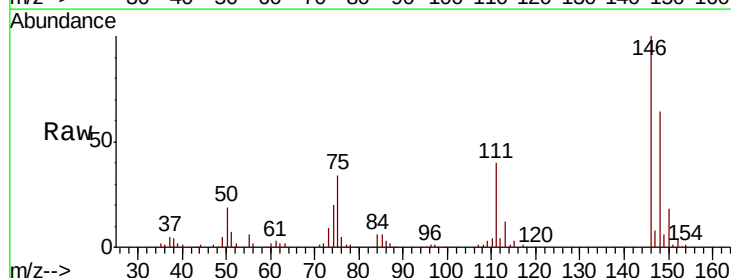


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

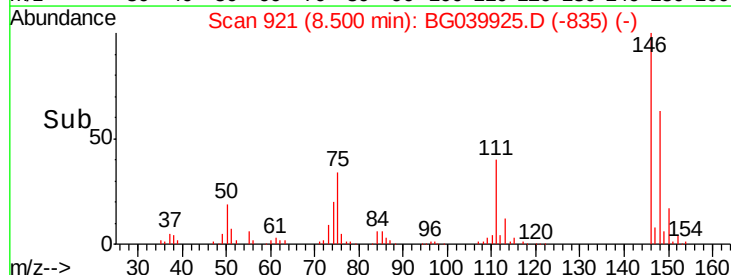
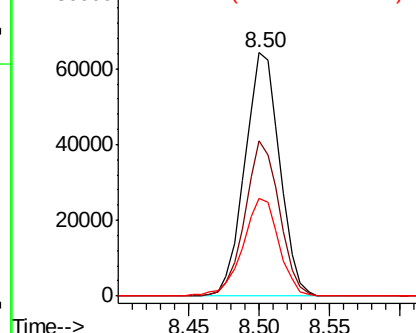


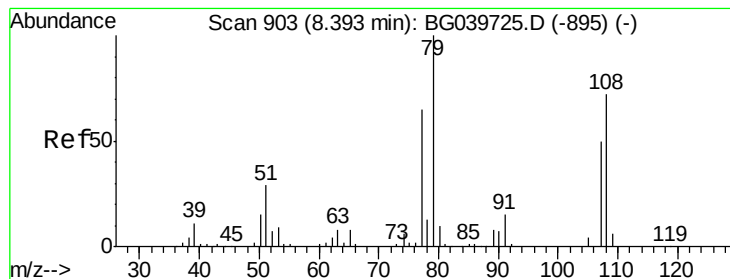
#14
 1,2-Dichlorobenzene
 Concen: 38.079 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion:146 Resp: 110835
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 40.0 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: 39.635 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

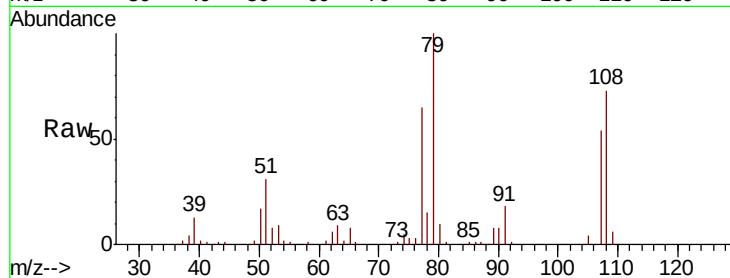
Tot Ion: 79 Resp: 101048

Ion Ratio Lower Upper

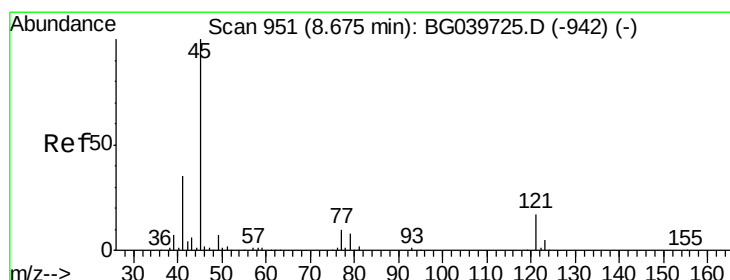
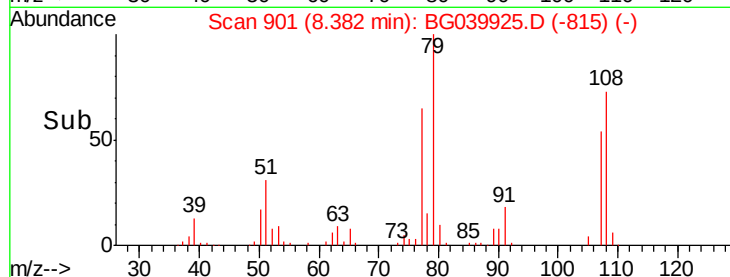
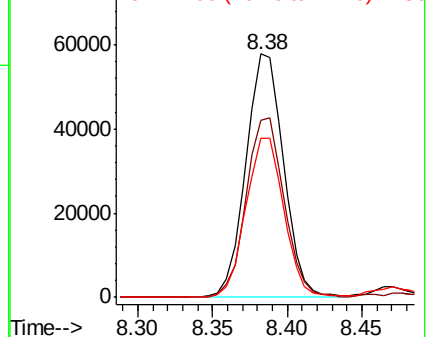
79 100

108 72.9 57.8 86.6

77 65.1 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.958 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

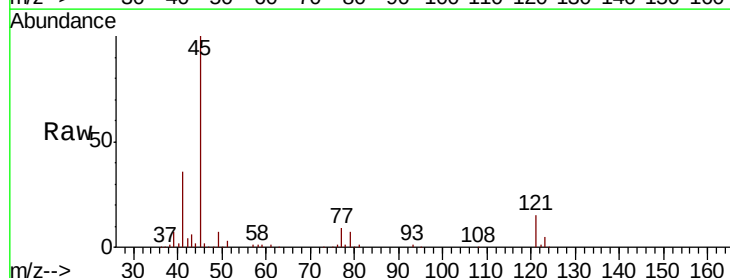
Tgt Ion: 45 Resp: 206087

Ion Ratio Lower Upper

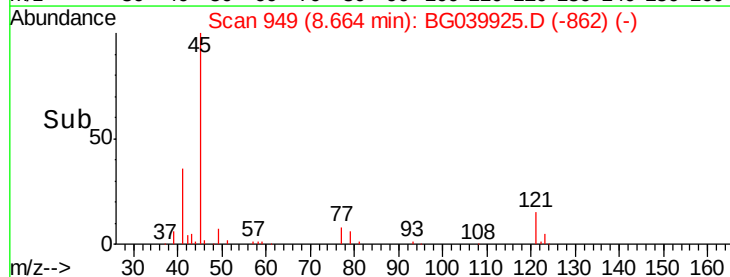
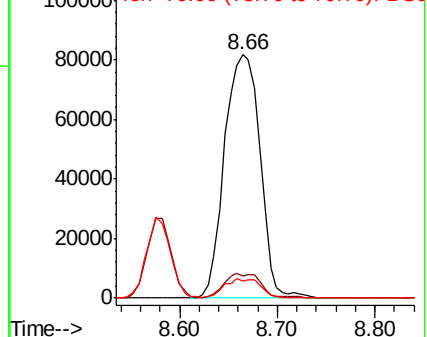
45 100

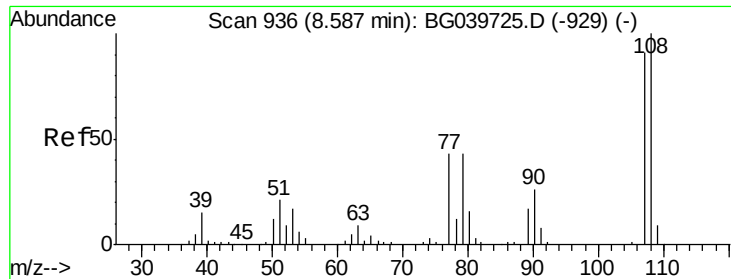
77 9.0 0.0 30.0

79 7.2 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

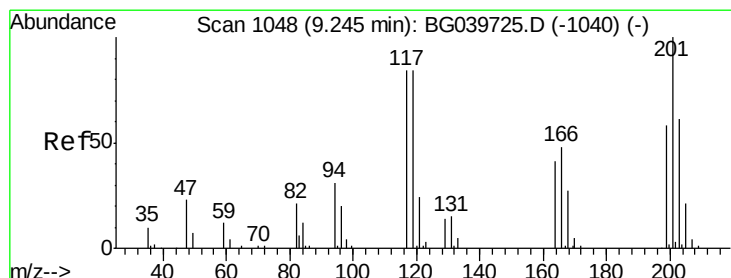
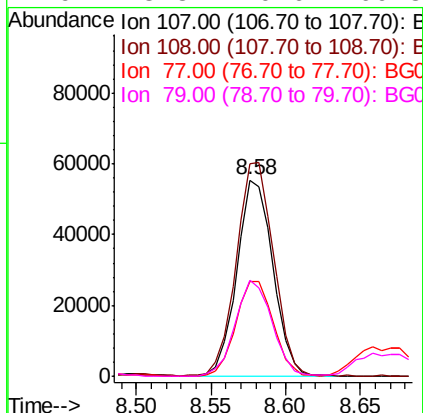
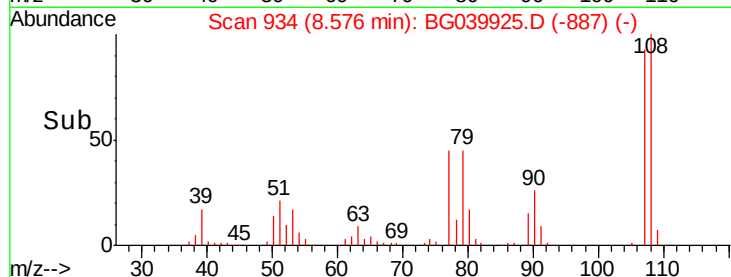
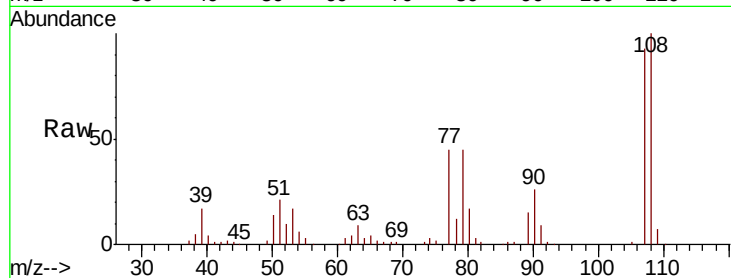




#17
2-Methylphenol
Concen: 41.810 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

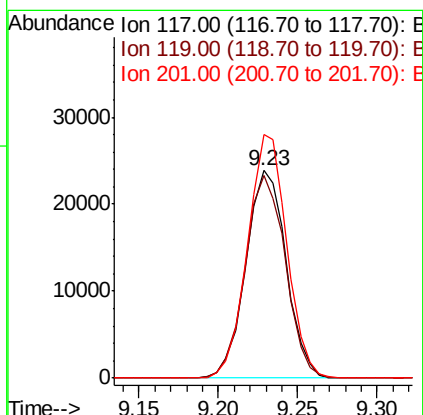
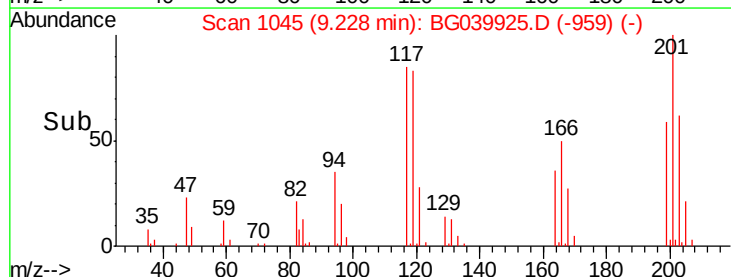
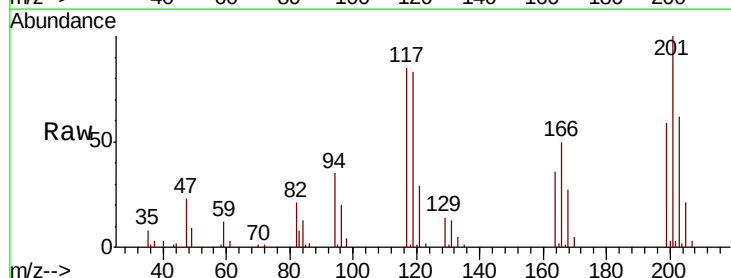
Instrument :
BNA_G
ClientSampleId :
PB117907BS

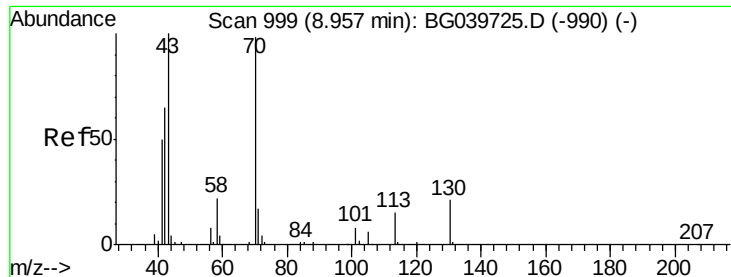
Tot Ion:107 Resp: 92822
Ion Ratio Lower Upper
107 100
108 108.1 90.8 136.2
77 48.1 40.7 61.1
79 48.8 40.6 60.8



#18
Hexachloroethane
Concen: 39.001 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:117 Resp: 42157
Ion Ratio Lower Upper
117 100
119 97.9 76.3 114.5
201 117.3 91.1 136.7

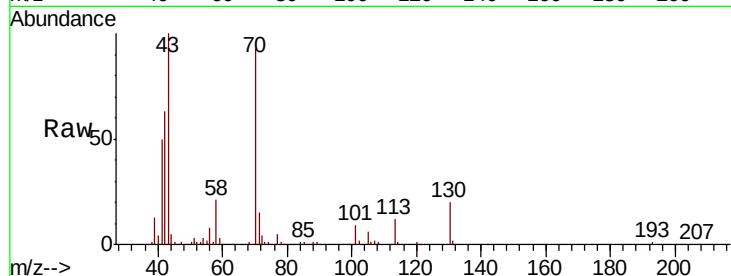




#19
n-Nitroso-di-n-propylamine
Concen: 36.870 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion:	70	Resp:	85292
Ion	Ratio	Lower	Upper
70	100		
42	67.8	60.4	90.6
101	9.7	7.5	11.3
130	22.0	16.9	25.3



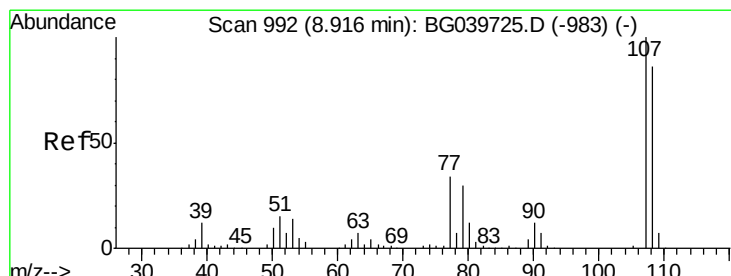
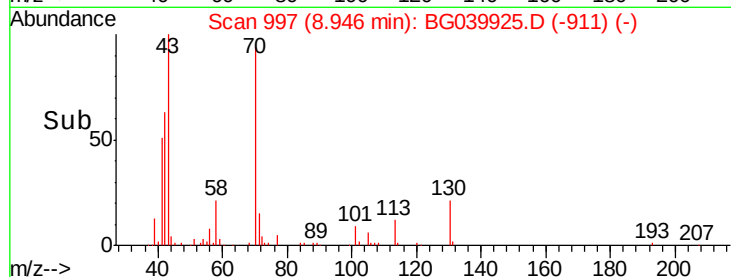
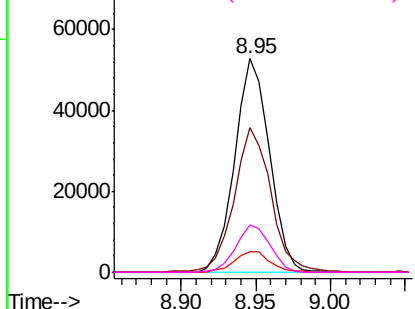
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

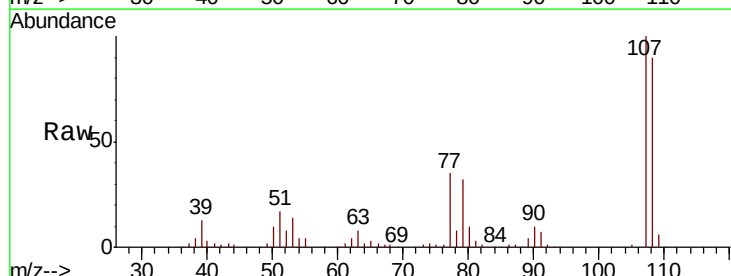
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 41.550 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:	107	Resp:	128151
Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.9	107.9
77	35.5	15.4	55.4
79	31.8	13.7	53.7



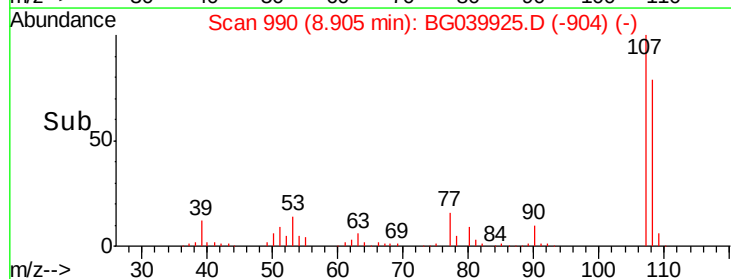
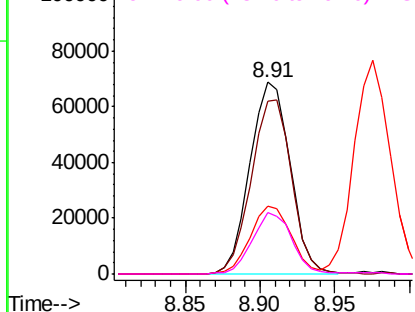
Abundance

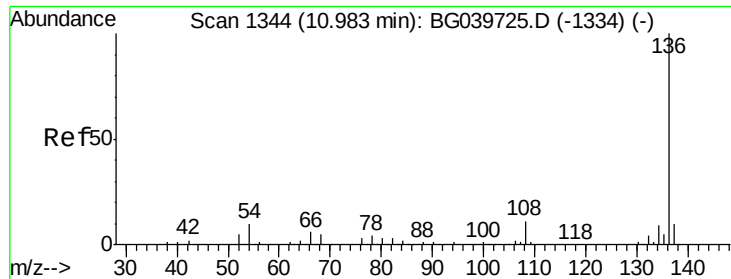
Ion 107.00 (106.70 to 107.70): BGC

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: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

Tot Ion:136 Resp: 157396

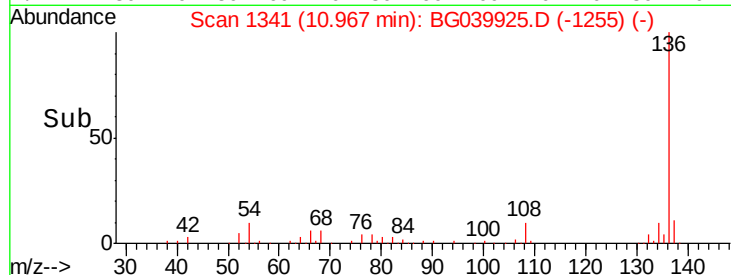
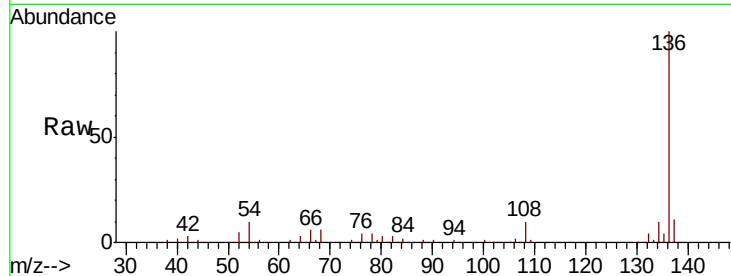
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 10.0 9.4 14.2

68 5.8 4.2 6.4

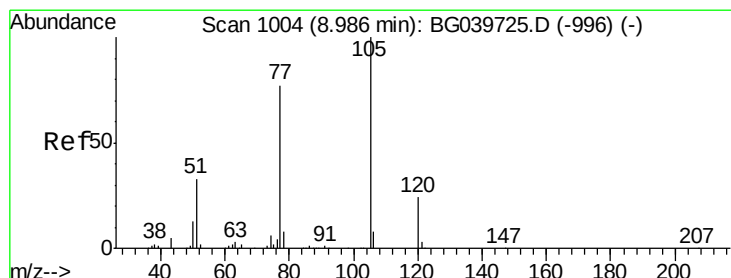
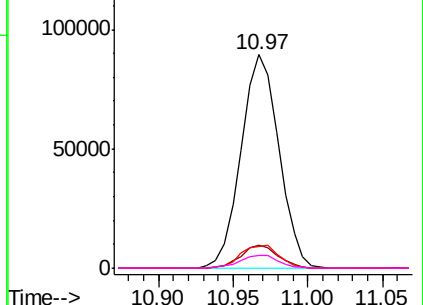


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.050 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:105 Resp: 160741

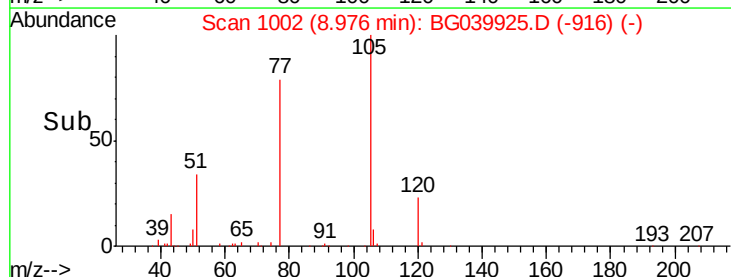
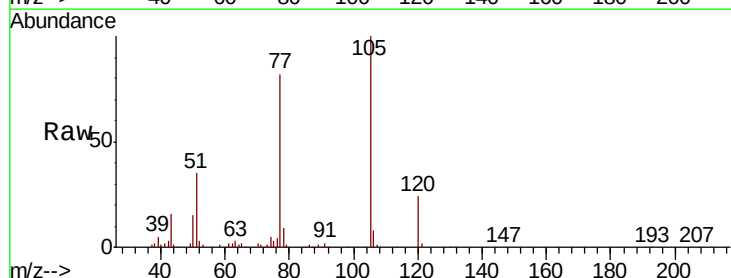
Ion Ratio Lower Upper

105 100

71 0.6 0.8 1.2#

51 35.1 30.2 45.2

120 23.7 18.0 27.0

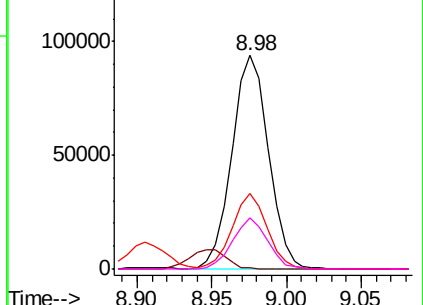


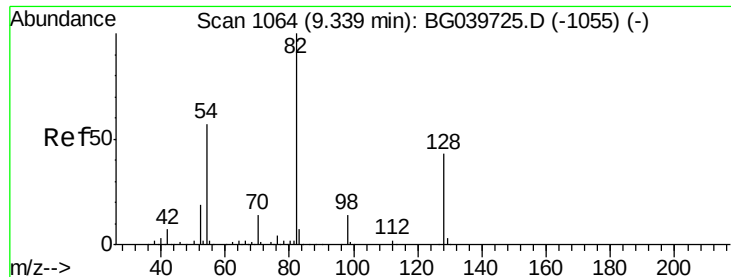
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

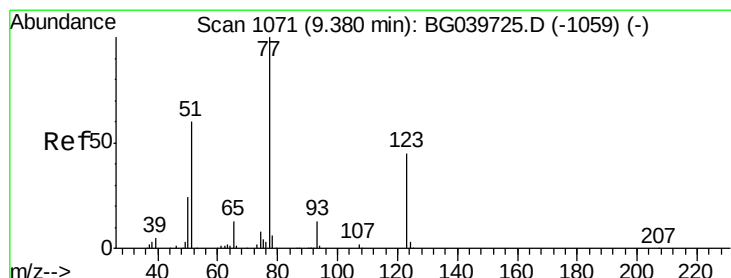
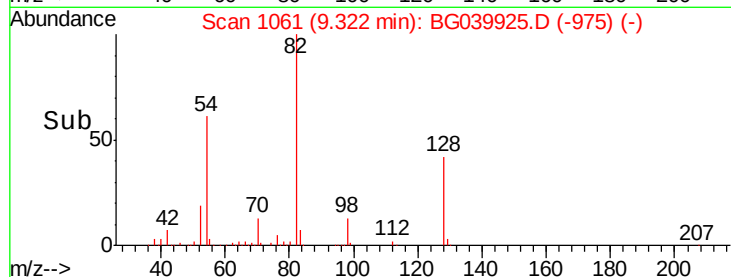
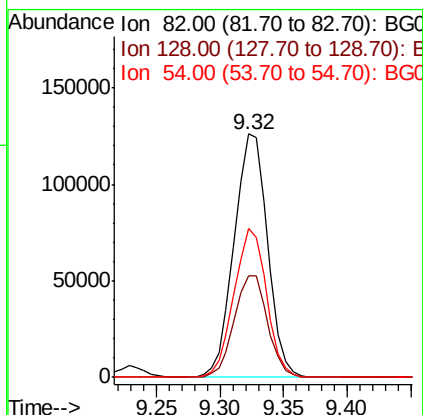
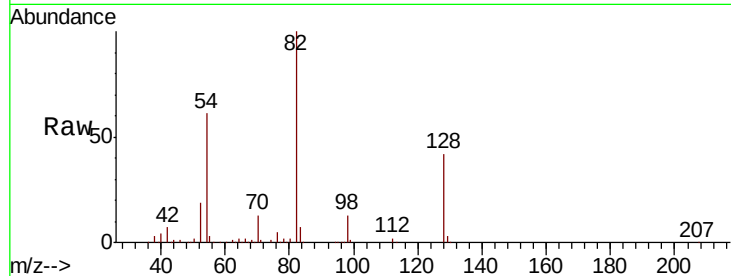




#23
 Nitrobenzene-d5
 Concen: 79.209 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

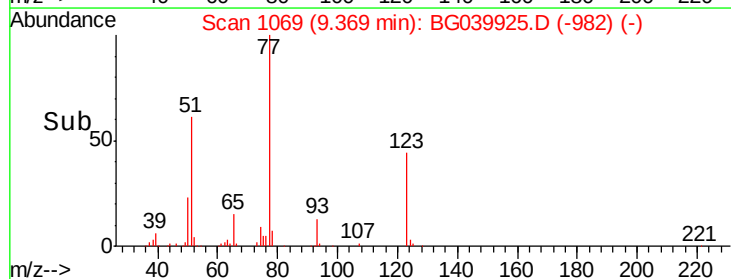
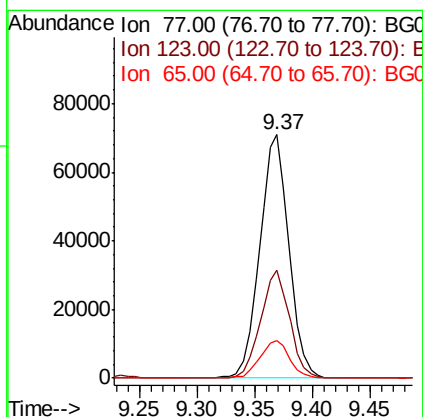
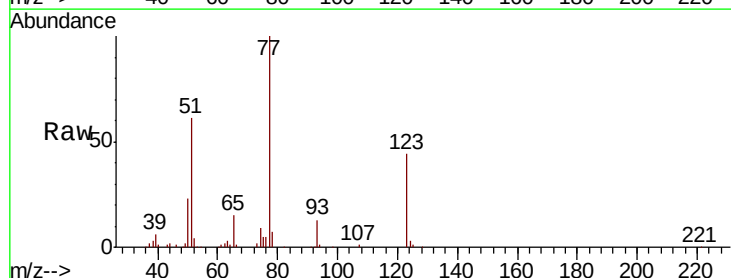
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

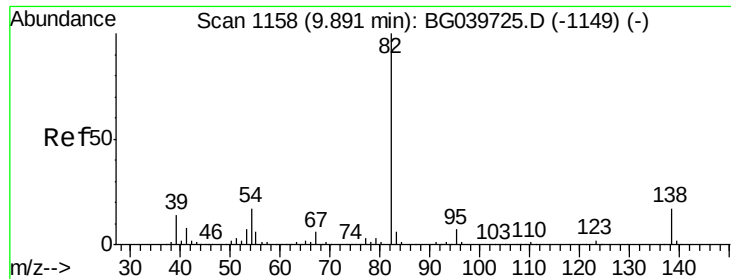
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	61.0	50.9	76.3



#24
 Nitrobenzene
 Concen: 40.677 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	34.1	51.1
65	15.4	12.3	18.5

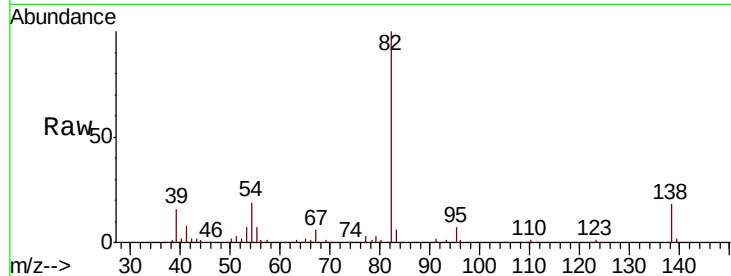




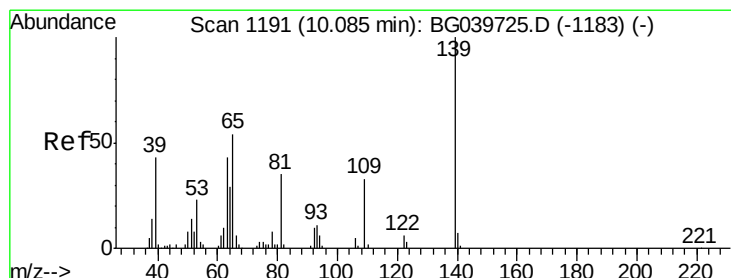
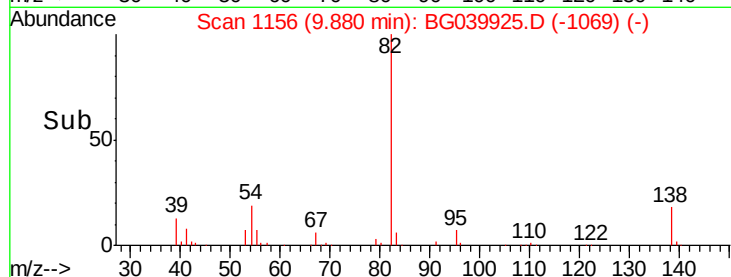
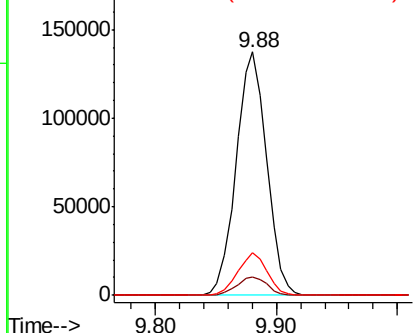
#25
Isophorone
Concen: 39.641 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion: 82 Resp: 241722
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 17.7 13.0 19.4

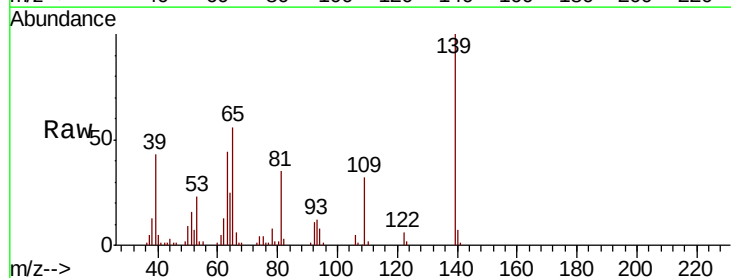


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

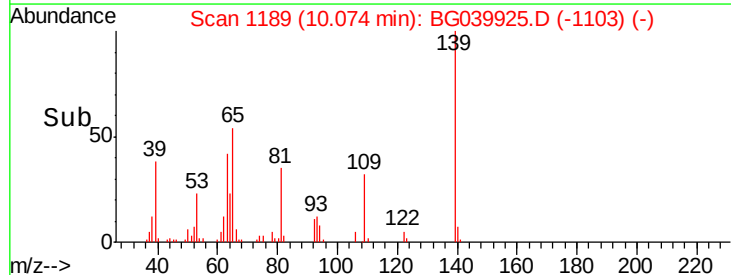
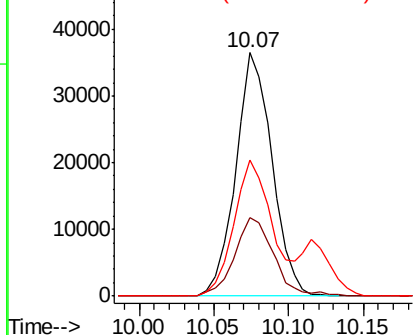


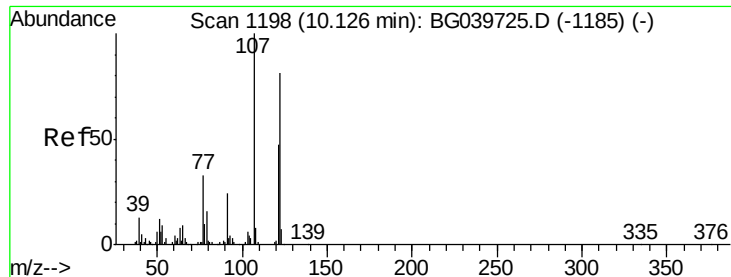
#26
2-Nitrophenol
Concen: 41.734 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion: 139 Resp: 61519
Ion Ratio Lower Upper
139 100
109 32.4 23.4 35.0
65 55.8 44.3 66.5



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

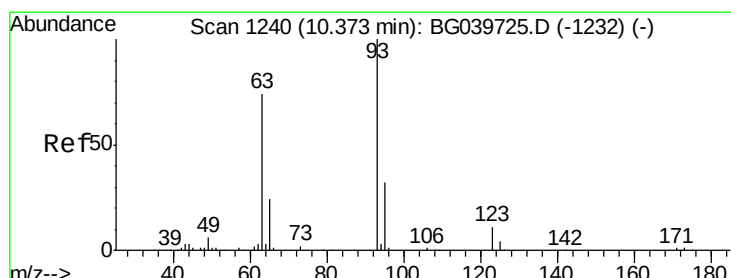
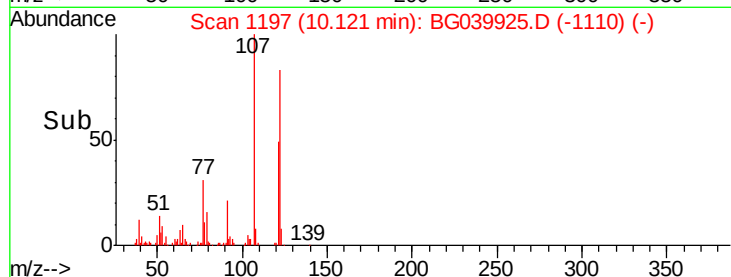
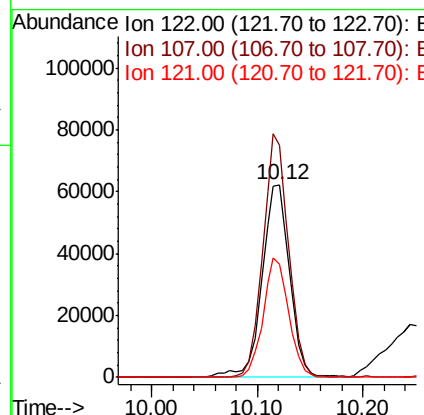
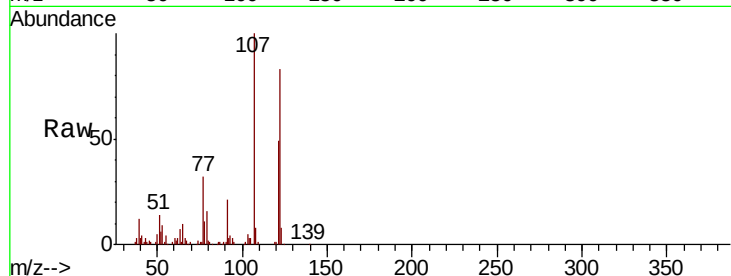




#27
2,4-Dimethylphenol
Concen: 49.176 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

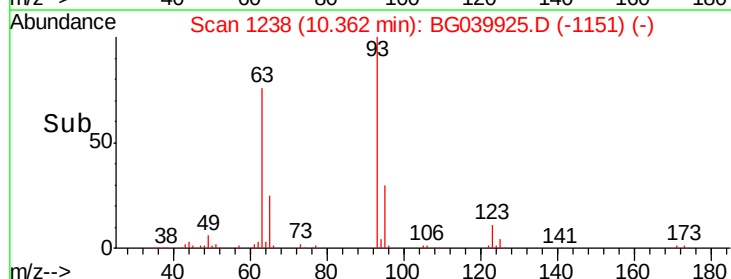
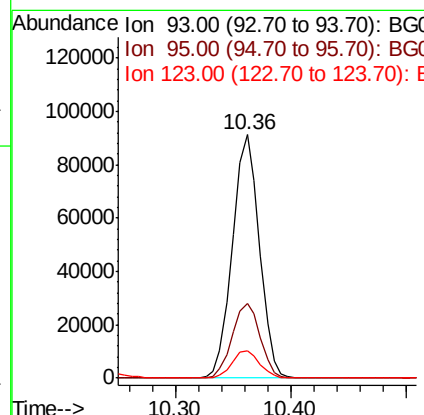
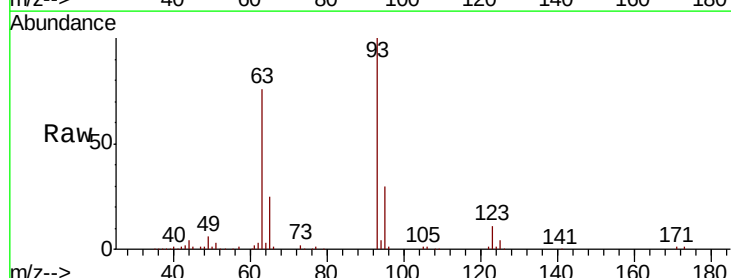
Instrument :
BNA_G
ClientSampleId :
PB117907BS

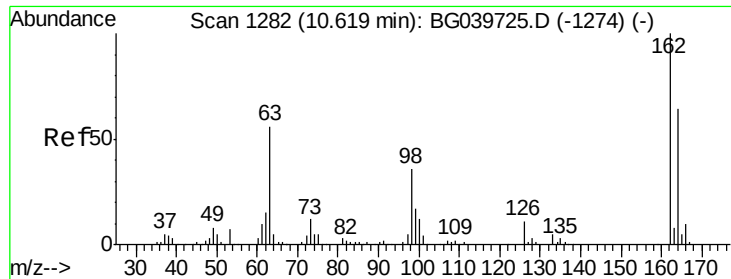
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	91.7	137.5
121	59.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.843 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	25.0	37.4
123	11.0	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 46.404 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

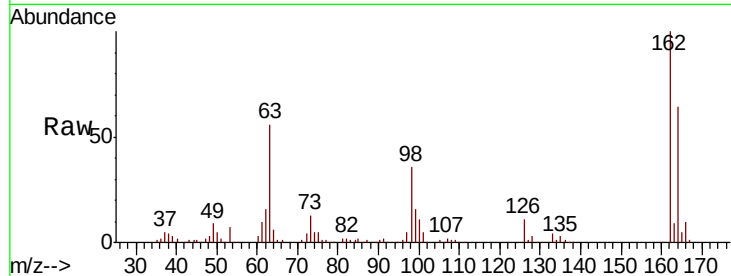
Tot Ion:162 Resp: 119776

Ion Ratio Lower Upper

162 100

164 64.3 48.1 88.1

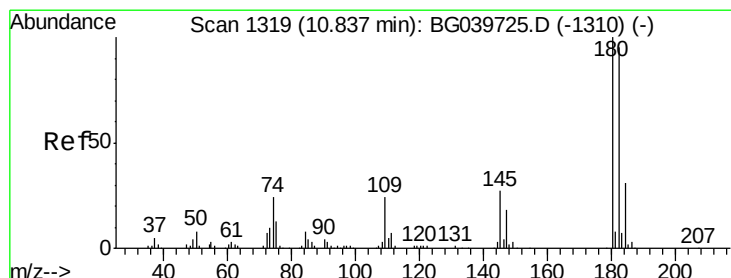
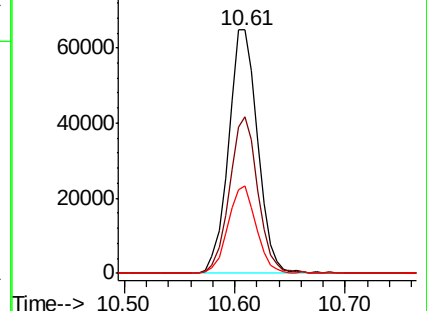
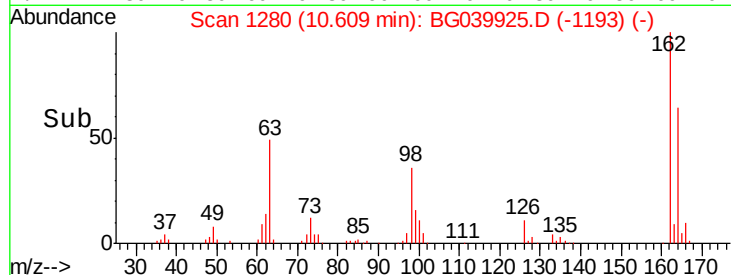
98 36.1 18.1 58.1



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: 40.525 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

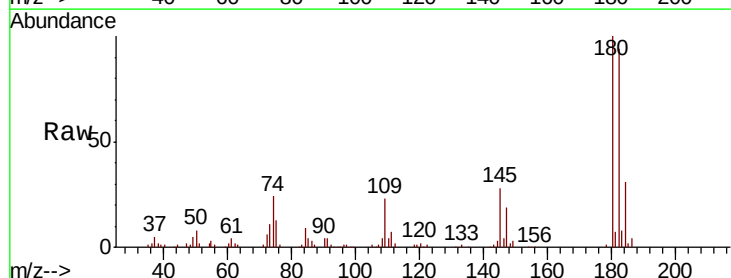
Tgt Ion:180 Resp: 117704

Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

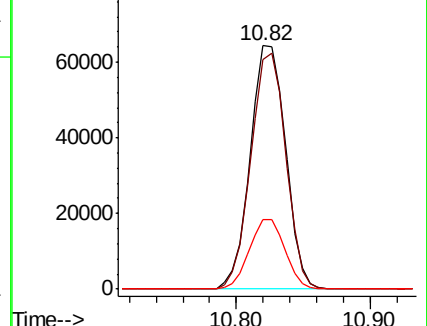
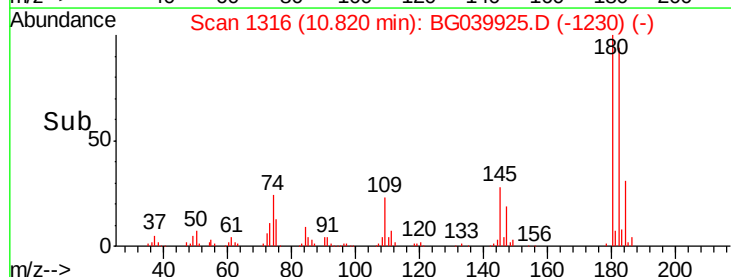
145 28.5 22.7 34.1

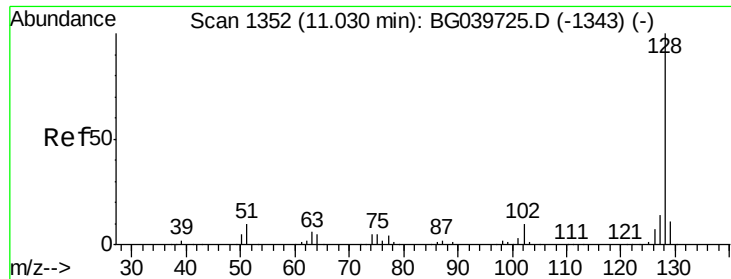


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

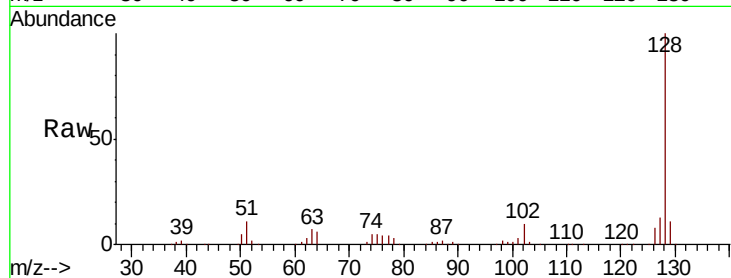




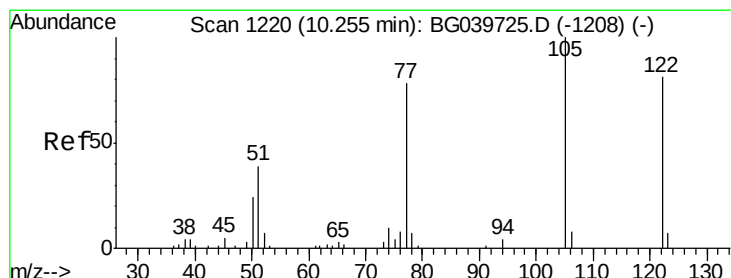
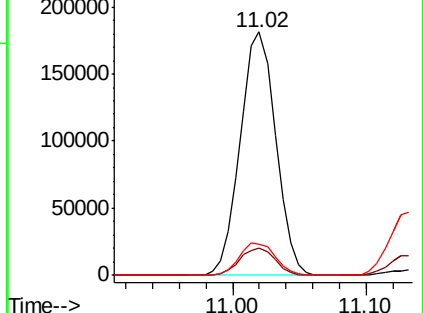
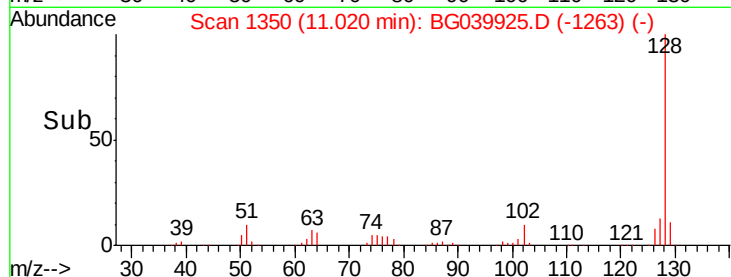
#31
Naphthalene
Concen: 40.039 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion:128 Resp: 333663
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.8 16.2

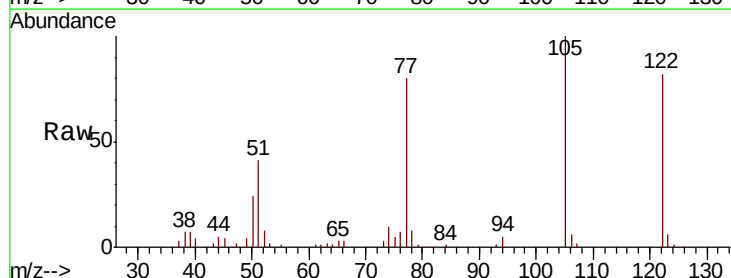


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

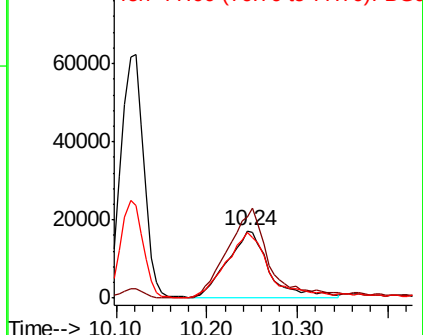
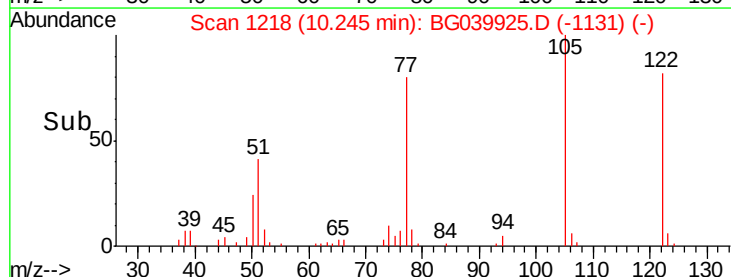


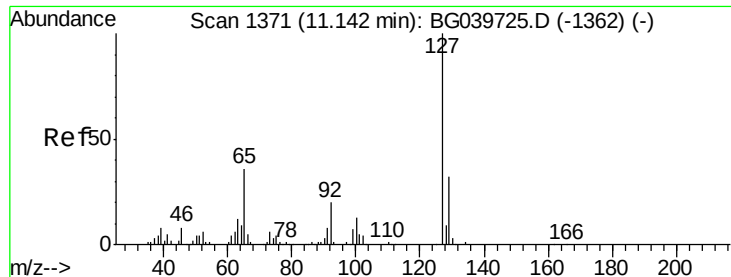
#32
Benzoic acid
Concen: 36.952 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:122 Resp: 55395
Ion Ratio Lower Upper
122 100
105 121.4 101.8 141.8
77 97.0 76.3 116.3



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

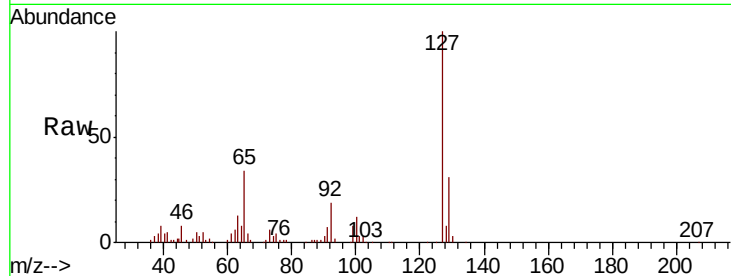




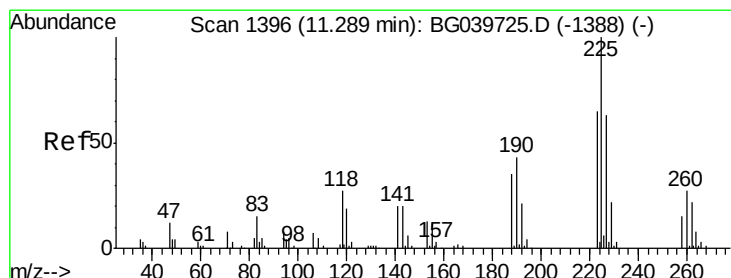
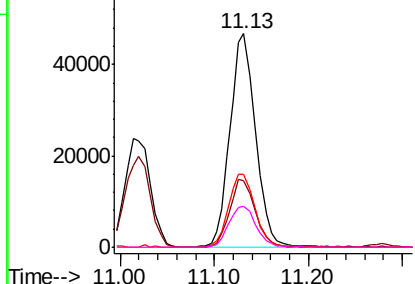
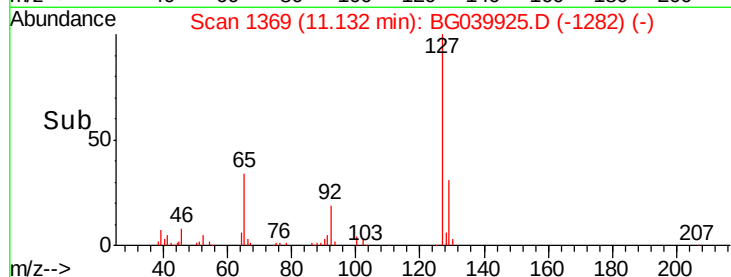
#33
4-Chloroaniline
Concen: 25.038 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion:	127	Resp:	88479
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.0	40.4
65	34.3	28.8	43.2
92	19.3	16.6	25.0

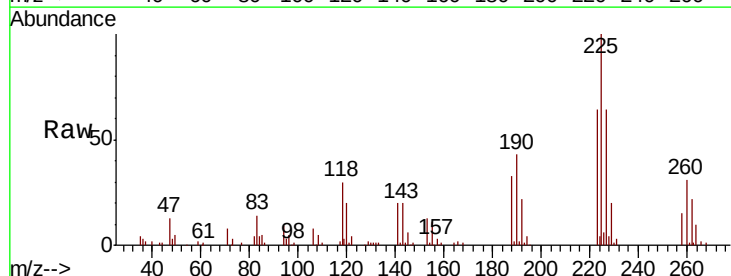


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

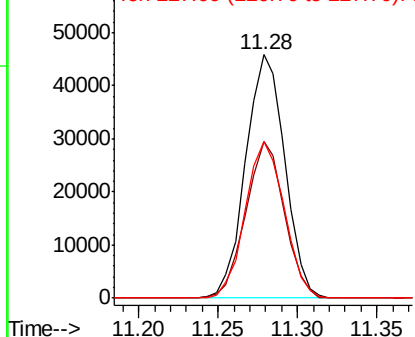
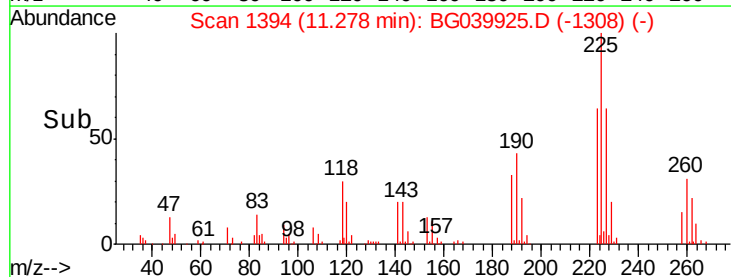


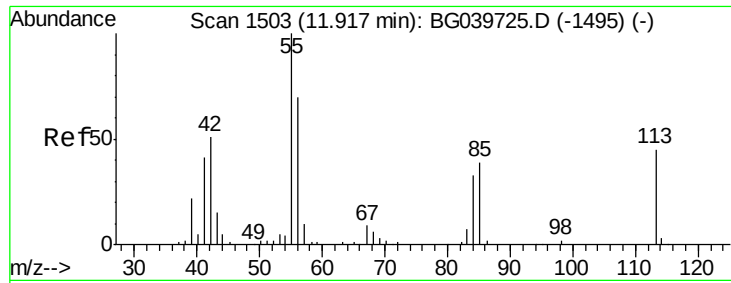
#34
Hexachlorobutadiene
Concen: 39.668 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:	225	Resp:	78732
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.0	73.6
227	64.1	46.3	69.5



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

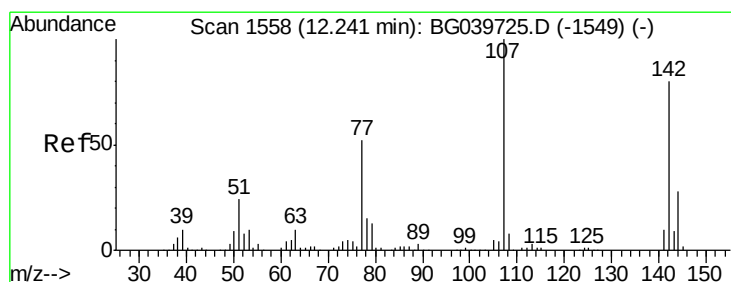
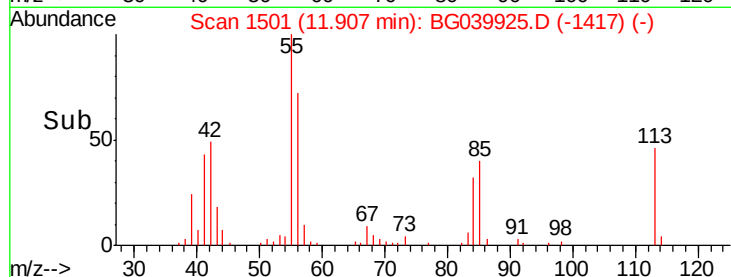
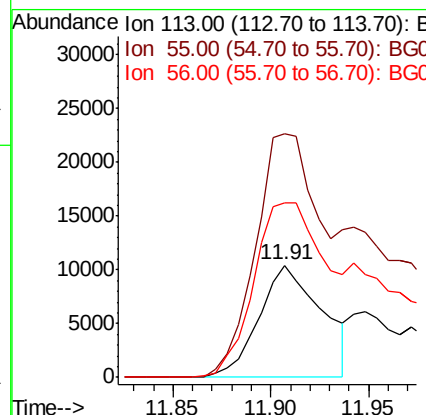
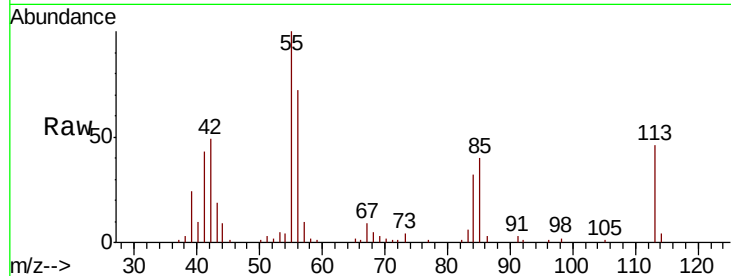




#35
Caprolactam
Concen: 23.522 ng
RT: 11.91 min Scan# 1501
Delta R.T. -0.03 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

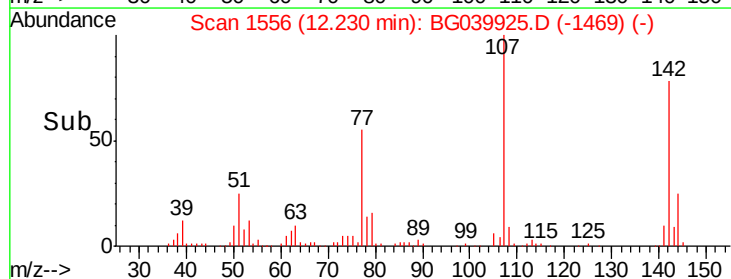
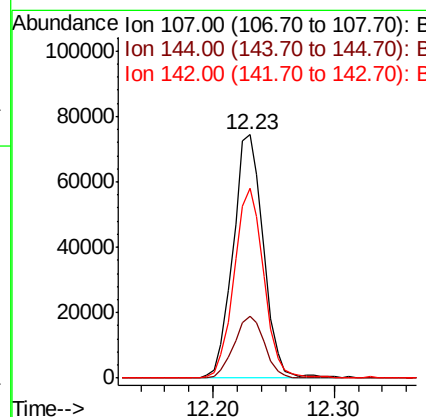
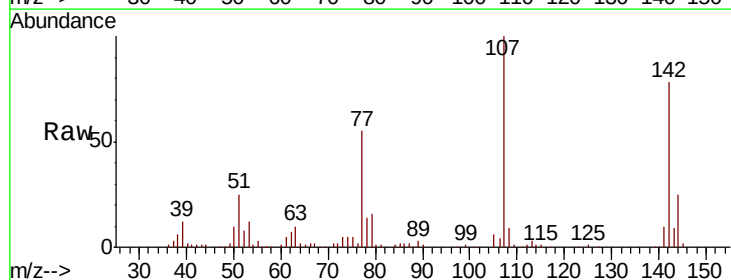
Instrument :
BNA_G
ClientSampleId :
PB117907BS

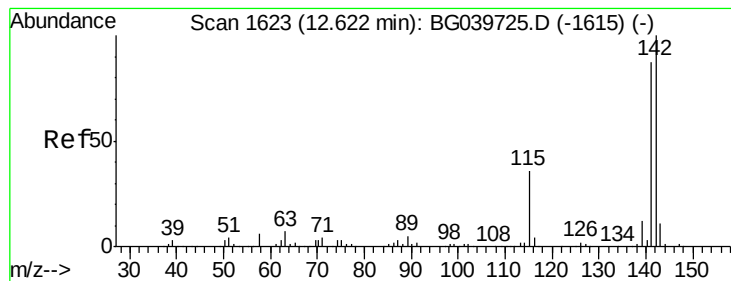
Tot Ion:113 Resp: 23193
Ion Ratio Lower Upper
113 100
55 217.2 216.9 256.9
56 156.2 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 43.930 ng
RT: 12.23 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:107 Resp: 129982
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 78.2 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.661 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

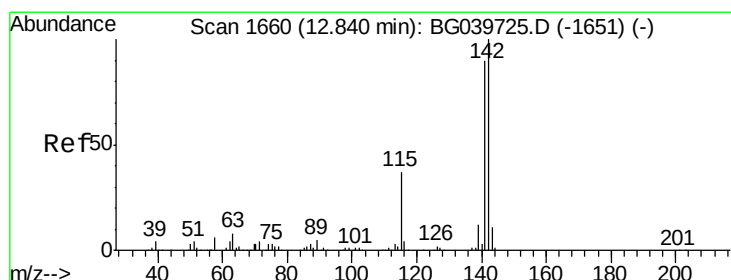
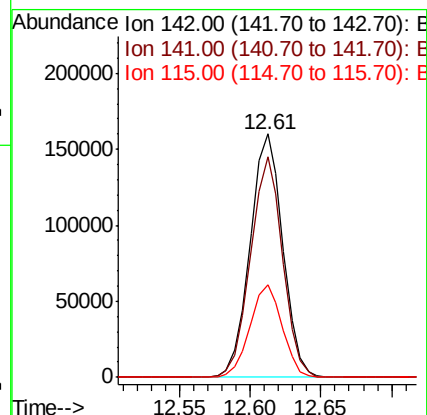
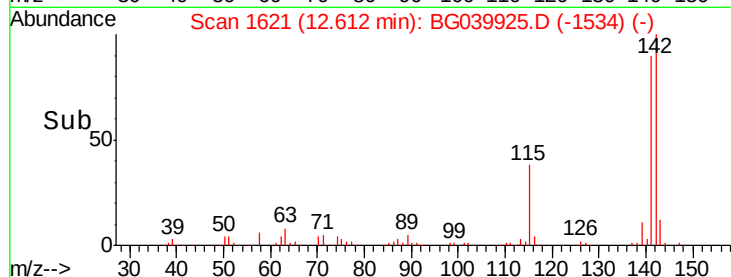
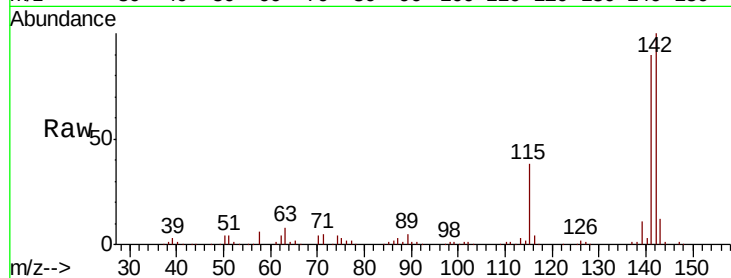
Tot Ion:142 Resp: 259563

Ion Ratio Lower Upper

142 100

141 90.5 73.5 110.3

115 38.3 30.8 46.2



#38

1-Methylnaphthalene

Concen: 40.661 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

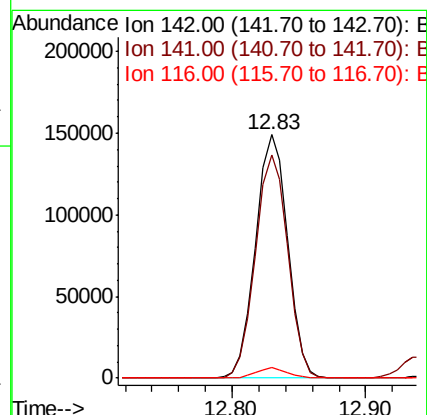
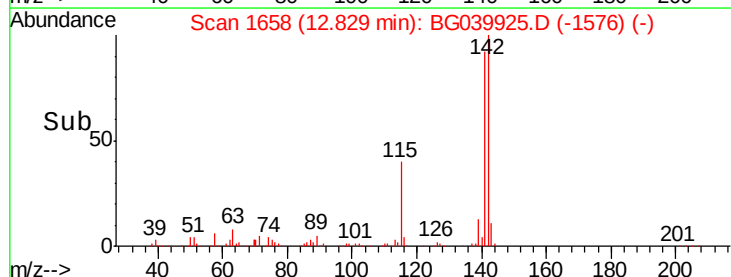
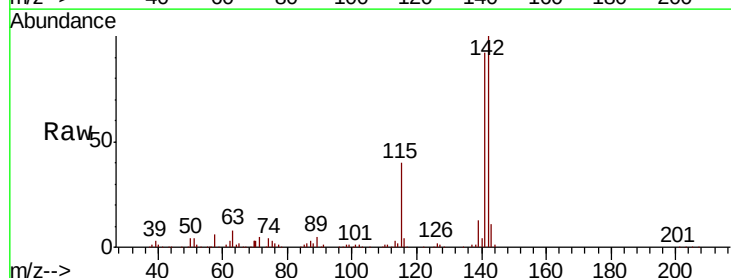
Tgt Ion:142 Resp: 246191

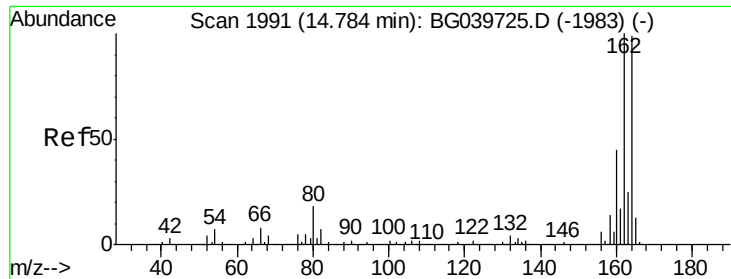
Ion Ratio Lower Upper

142 100

141 91.6 74.2 111.4

116 4.1 3.0 4.6

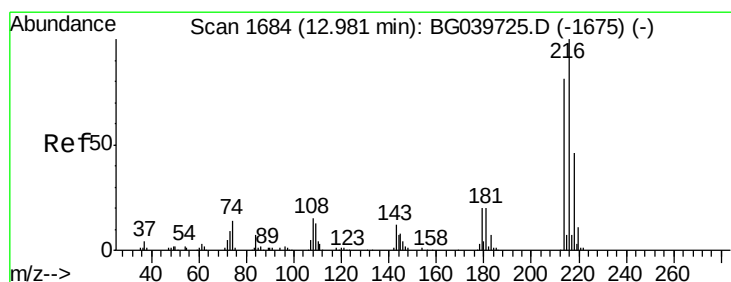
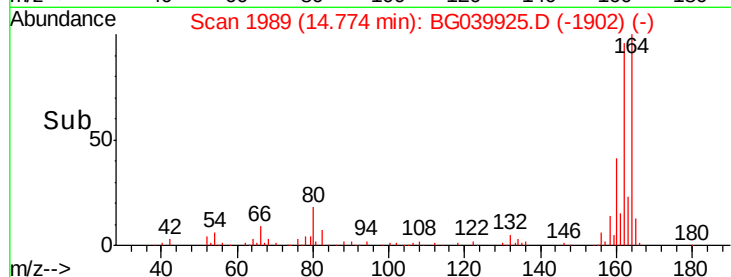
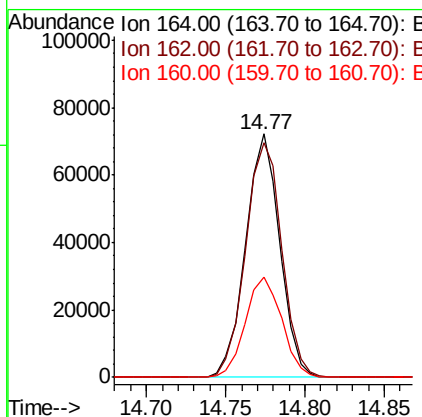
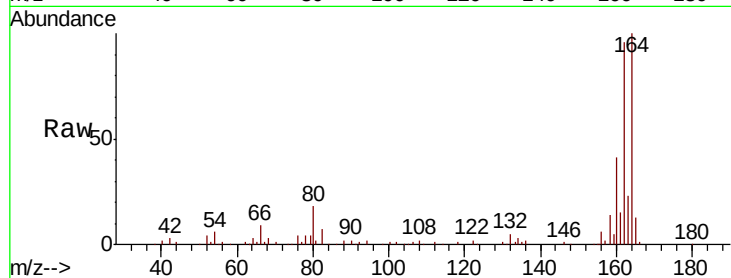




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

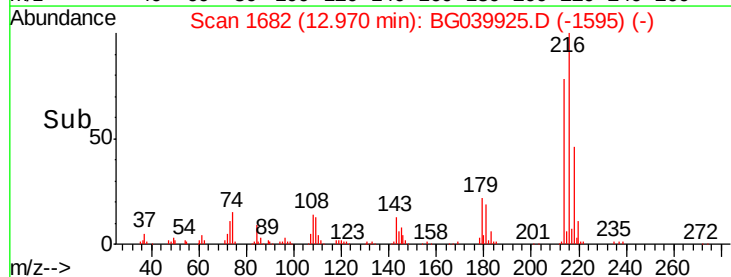
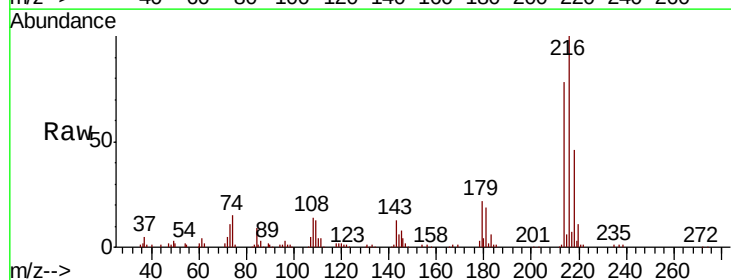
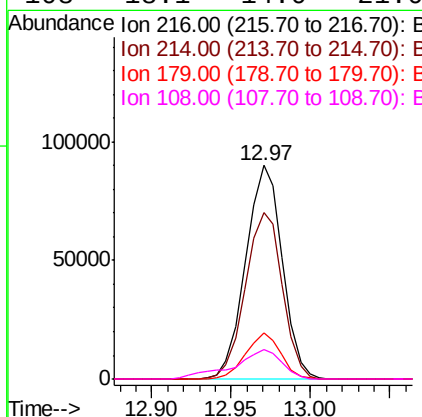
Instrument :
BNA_G
ClientSampleId :
PB117907BS

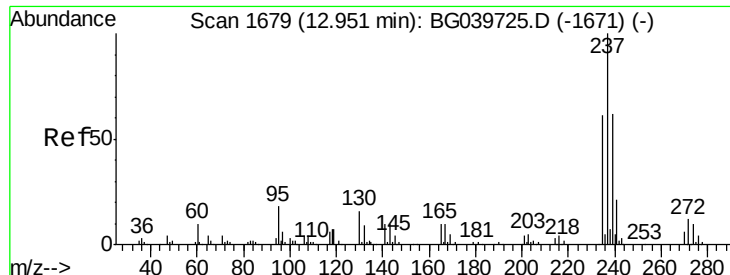
Tot Ion	Ratio	Lower	Upper
164	100		
162	96.5	81.6	122.4
160	40.9	34.2	51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.430 ng
RT: 12.97 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	94.0
179	20.5	16.6	25.0
108	18.1	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 94.469 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

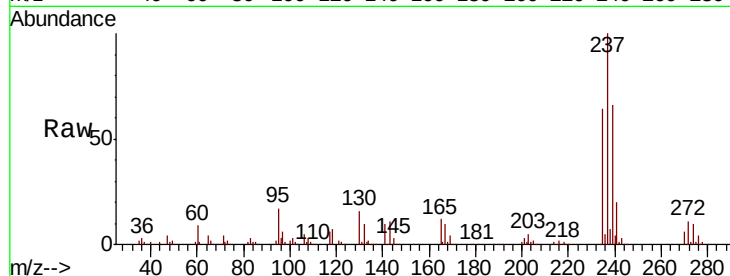
Tot Ion:237 Resp: 185349

Ion Ratio Lower Upper

237 100

235 64.2 43.3 83.3

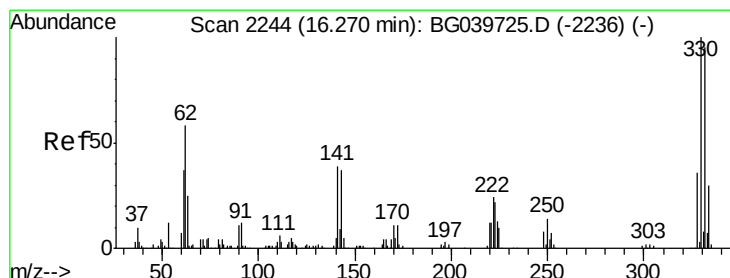
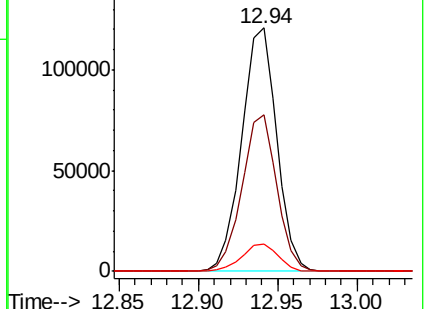
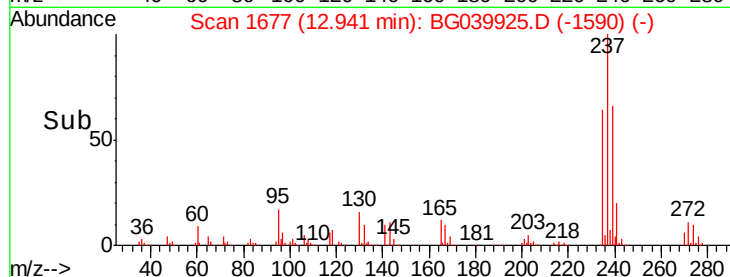
272 11.1 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.030 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

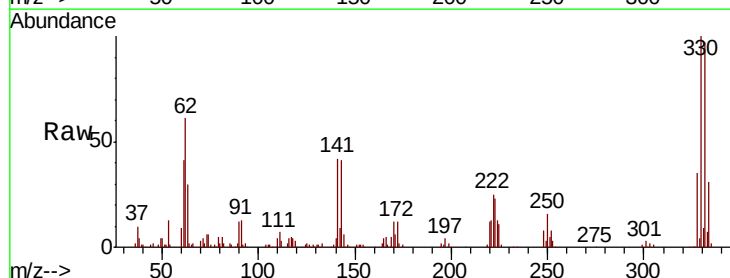
Tgt Ion:330 Resp: 170087

Ion Ratio Lower Upper

330 100

332 94.1 75.7 113.5

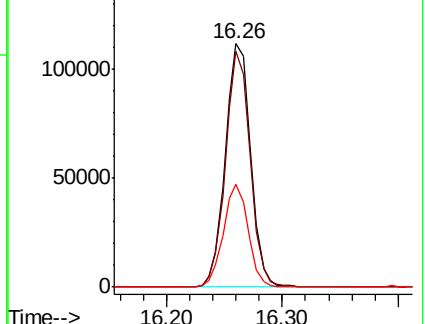
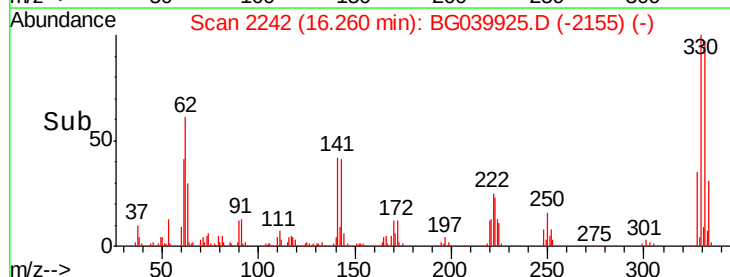
141 41.1 35.6 53.4

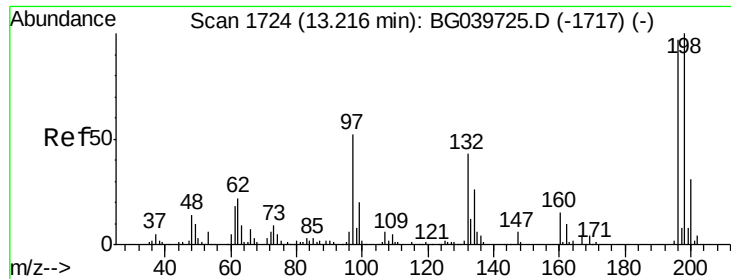


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

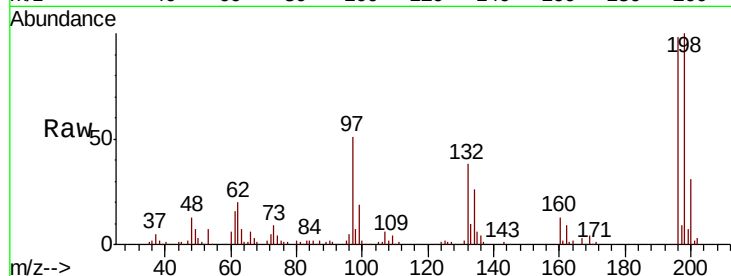




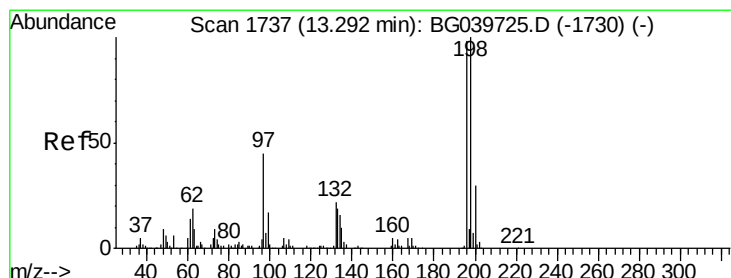
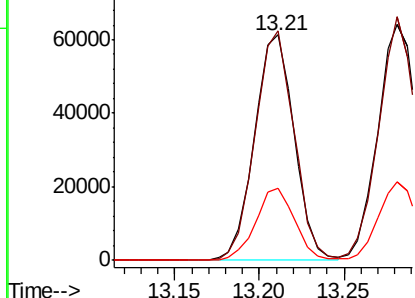
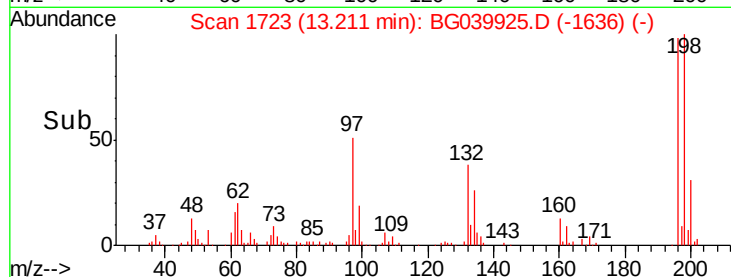
#43
 2,4,6-Trichlorophenol
 Concen: 46.901 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion:196 Resp: 100529
 Ion Ratio Lower Upper
 196 100
 198 101.8 80.6 121.0
 200 32.0 26.1 39.1

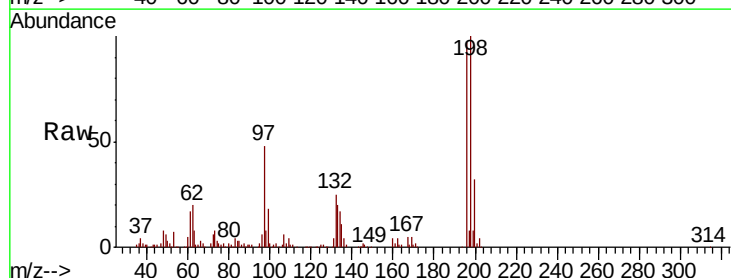


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

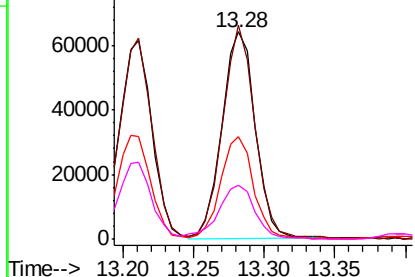
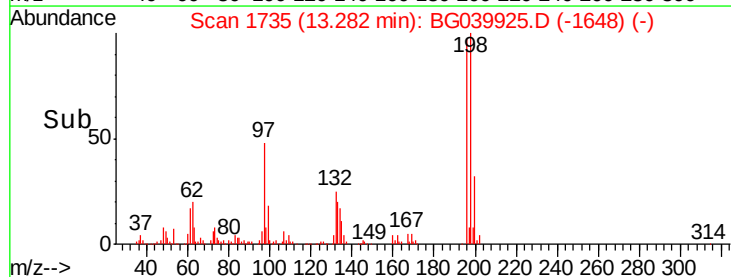


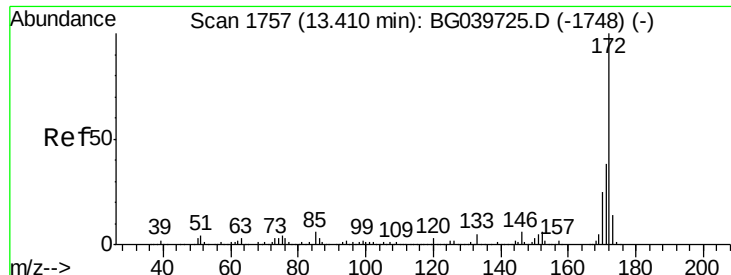
#44
 2,4,5-Trichlorophenol
 Concen: 43.463 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion:196 Resp: 105007
 Ion Ratio Lower Upper
 196 100
 198 103.1 78.5 117.7
 97 49.4 38.4 57.6
 132 26.2 19.2 28.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

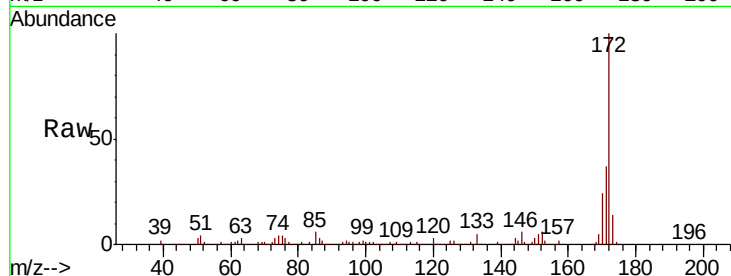




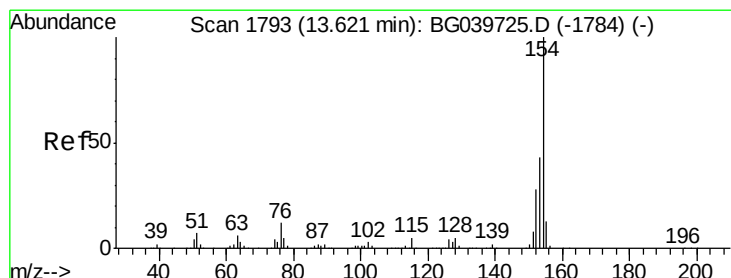
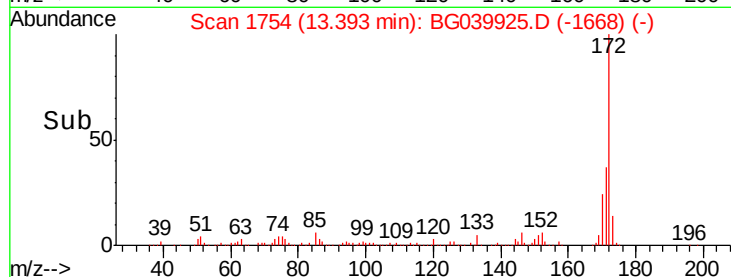
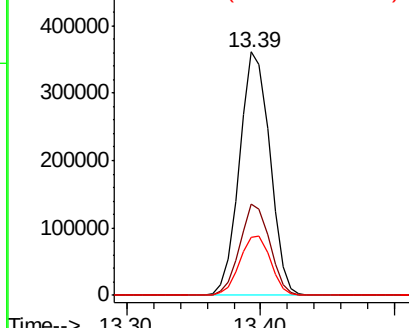
#45
2-Fluorobiphenyl
Concen: 74.774 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion:172 Resp: 567538
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 23.8 20.2 30.4

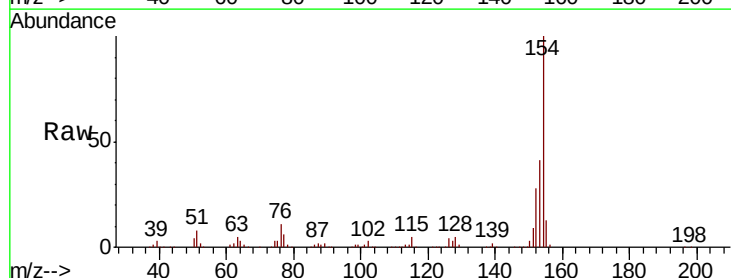


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

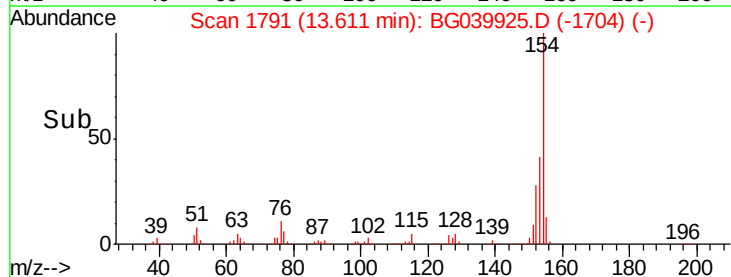
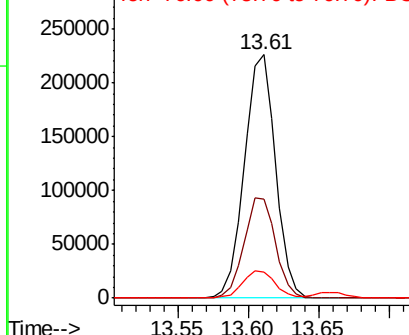


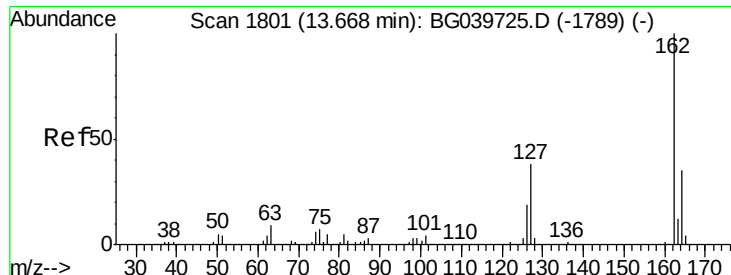
#46
1,1'-Biphenyl
Concen: 39.313 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:154 Resp: 349437
Ion Ratio Lower Upper
154 100
153 40.8 22.1 62.1
76 10.9 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

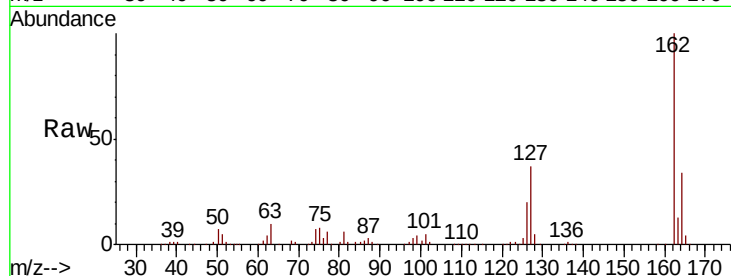




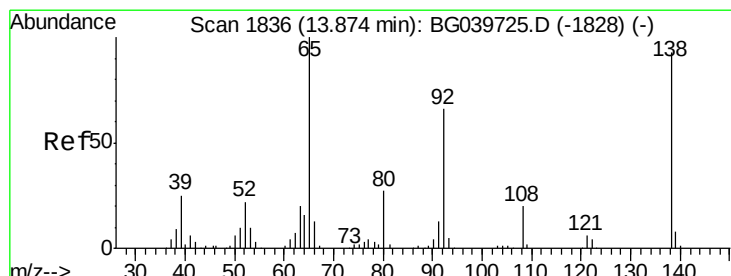
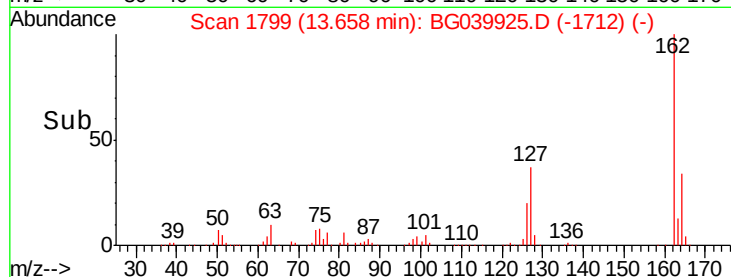
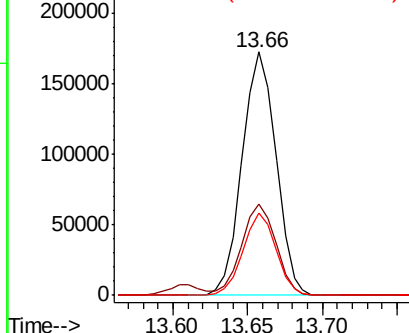
#47
2-Chloronaphthalene
Concen: 40.375 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion:162 Resp: 269979
Ion Ratio Lower Upper
162 100
127 37.4 31.0 46.6
164 33.9 25.7 38.5

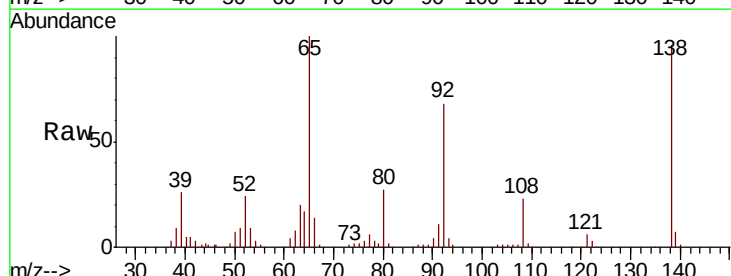


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

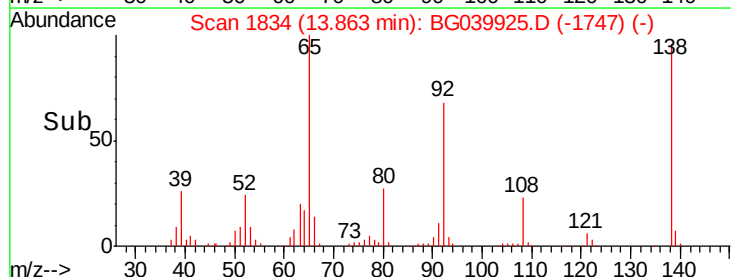
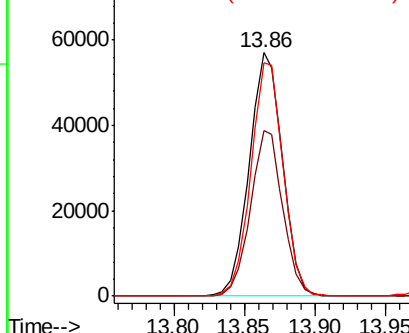


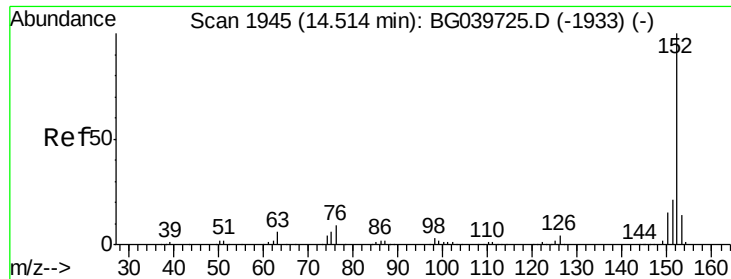
#48
2-Nitroaniline
Concen: 43.792 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion: 65 Resp: 94106
Ion Ratio Lower Upper
65 100
92 68.1 51.4 77.2
138 95.6 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.534 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

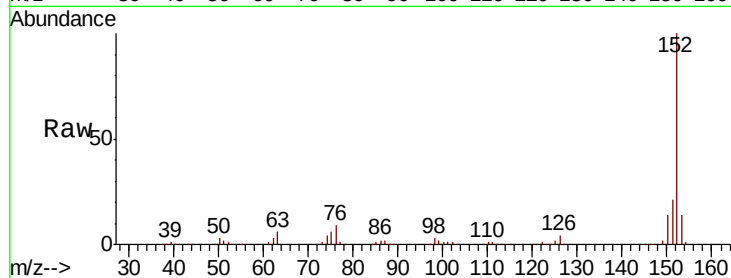
Tot Ion:152 Resp: 433970

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

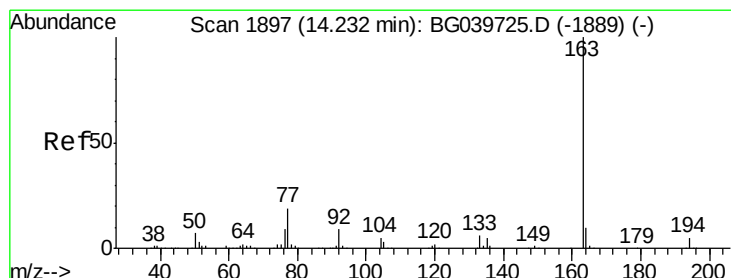
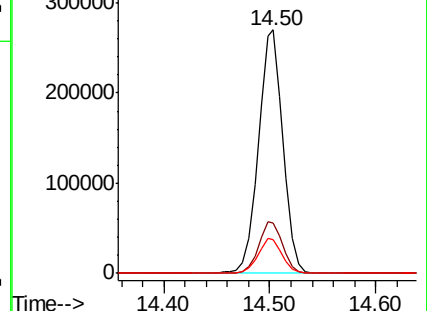
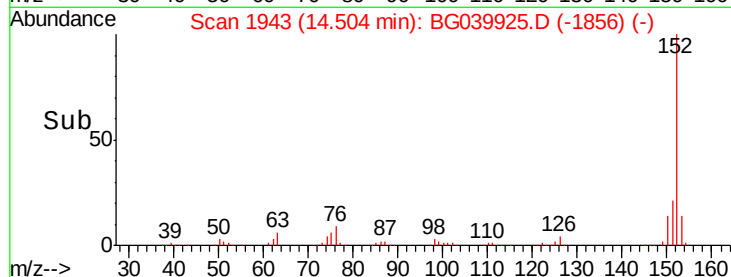
153 13.8 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.422 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

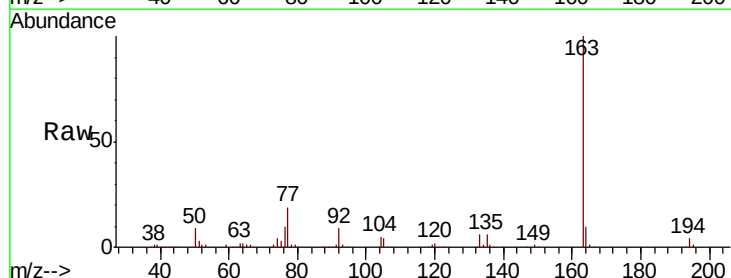
Tgt Ion:163 Resp: 365281

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

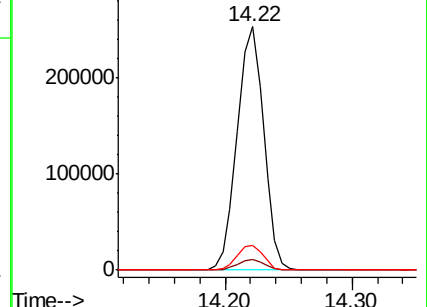
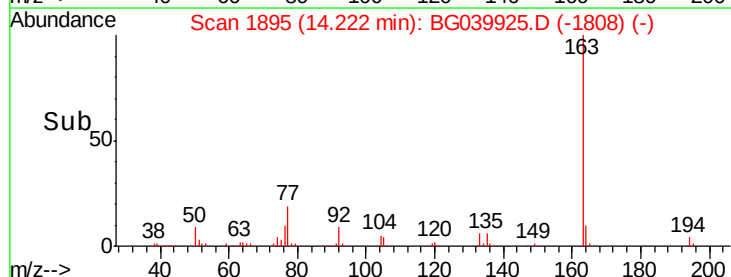
164 9.9 8.4 12.6

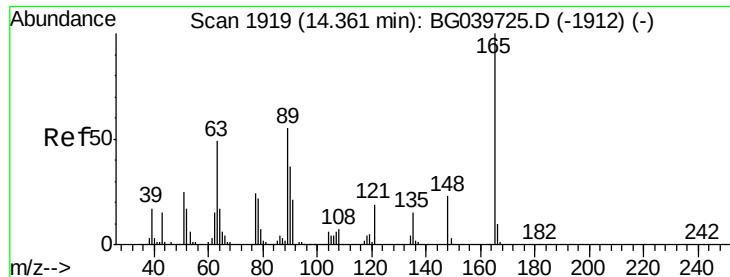


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

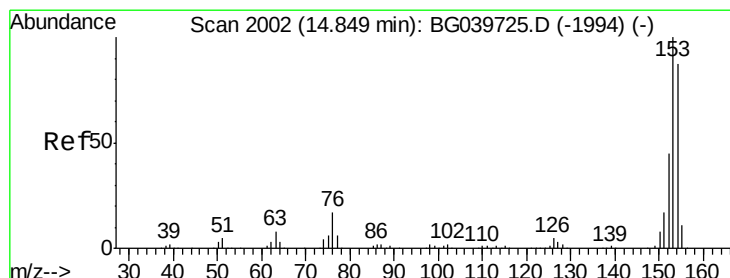
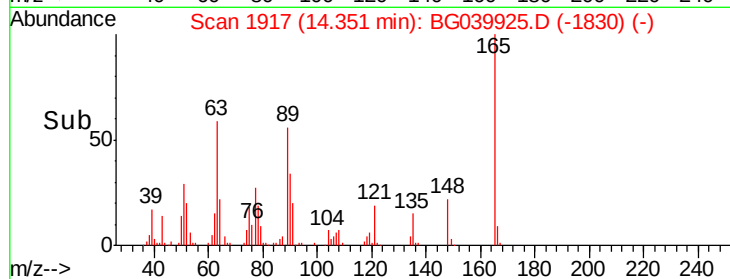
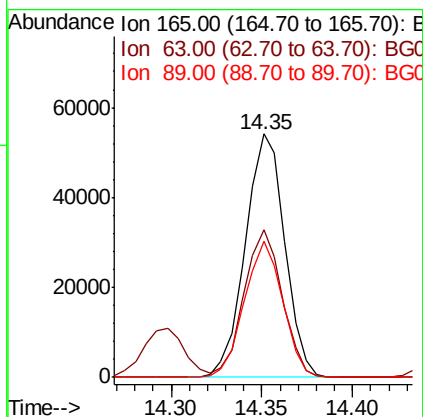
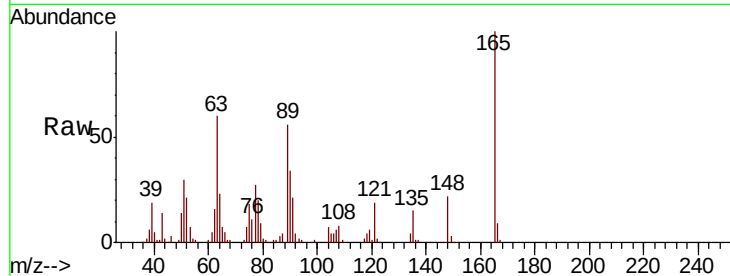




#51
 2,6-Dinitrotoluene
 Concen: 42.695 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

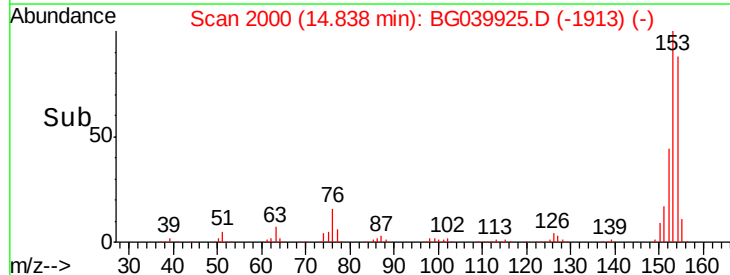
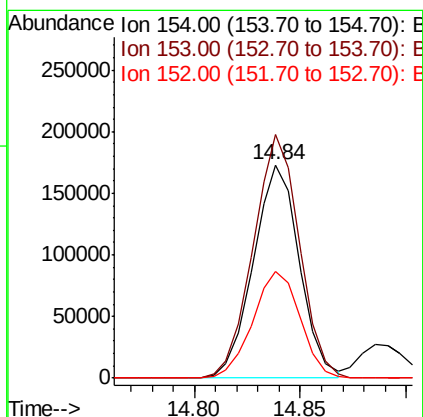
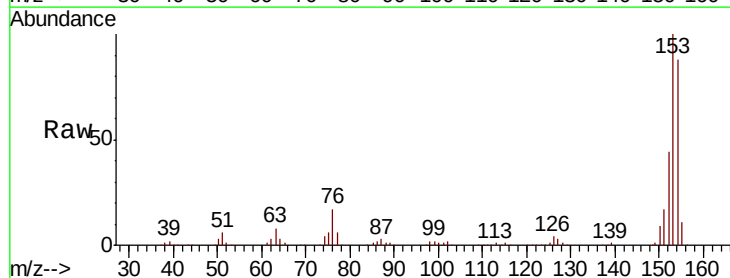
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

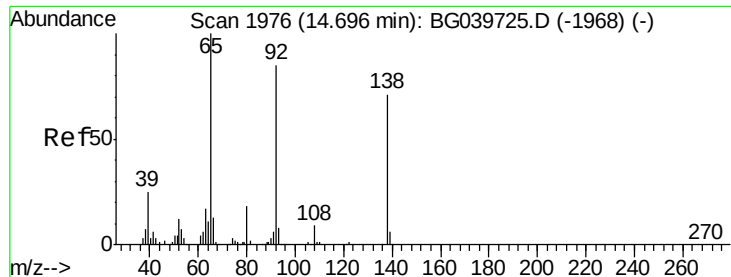
Tot Ion:165 Resp: 81791
 Ion Ratio Lower Upper
 165 100
 63 60.5 47.0 70.6
 89 56.0 45.8 68.8



#52
 Acenaphthene
 Concen: 39.702 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion:154 Resp: 262303
 Ion Ratio Lower Upper
 154 100
 153 114.0 90.1 135.1
 152 50.2 40.9 61.3





#53

3-Nitroaniline

Concen: 28.892 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

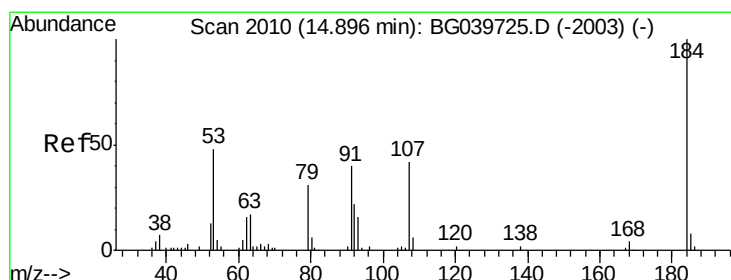
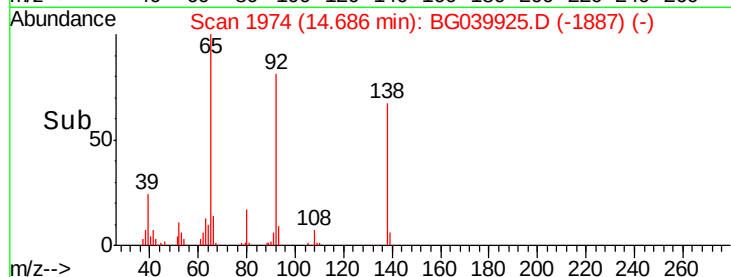
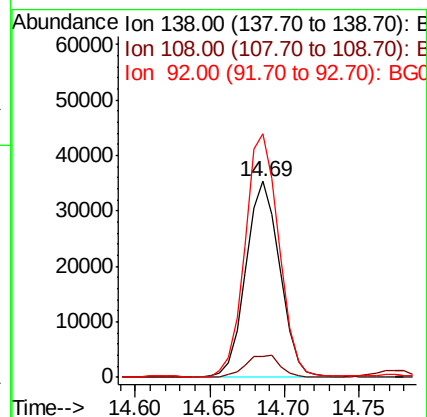
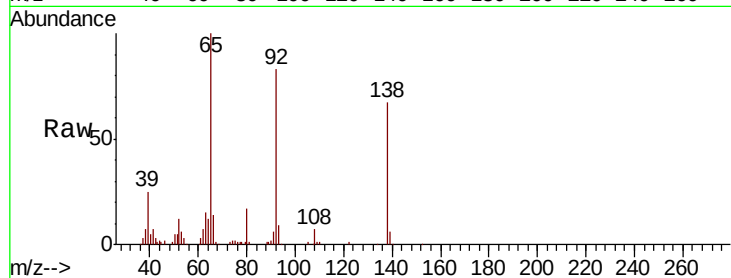
Tot Ion:138 Resp: 55637

Ion Ratio Lower Upper

138 100

108 10.4 13.8 20.8#

92 124.4 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 60.411 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

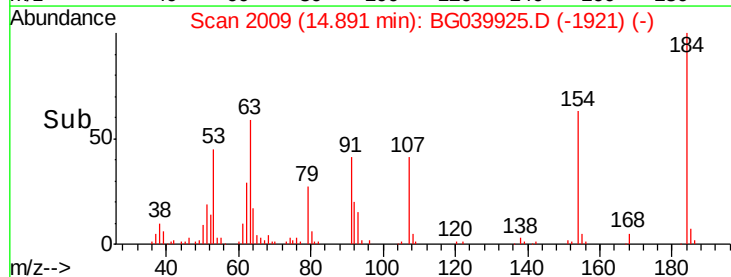
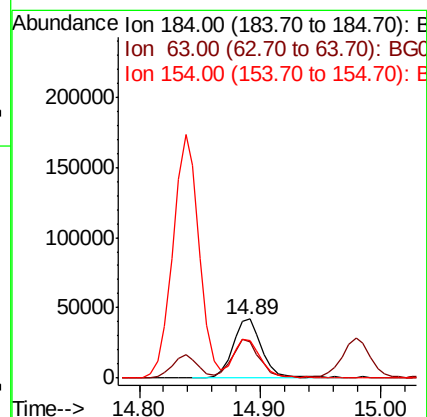
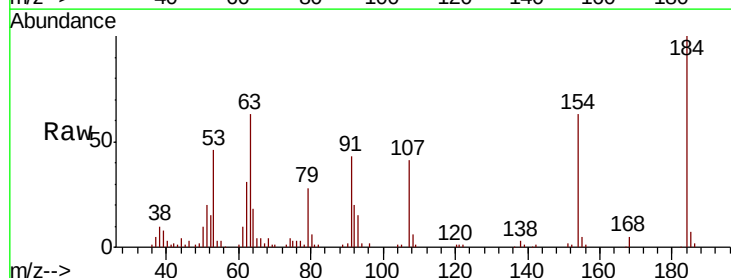
Tgt Ion:184 Resp: 71320

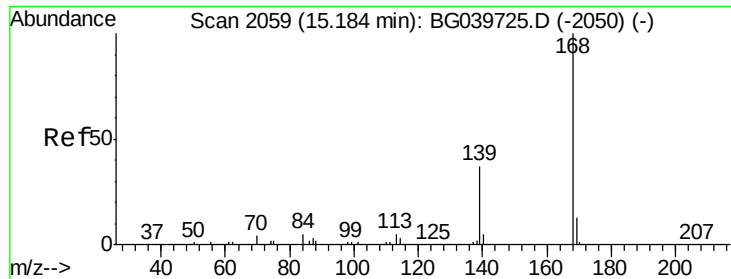
Ion Ratio Lower Upper

184 100

63 62.5 50.9 76.3

154 63.2 53.0 79.6





#55

Dibenzofuran

Concen: 40.264 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

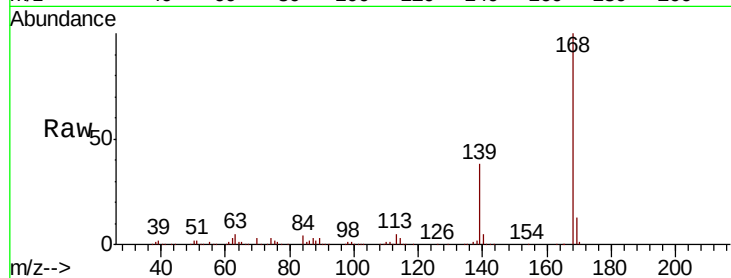
Tot Ion:168 Resp: 436451

Ion Ratio Lower Upper

168 100

139 37.8 30.1 45.1

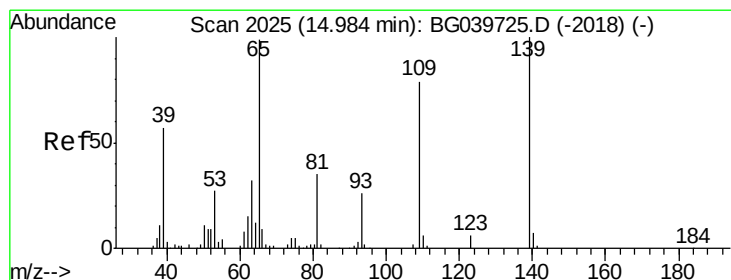
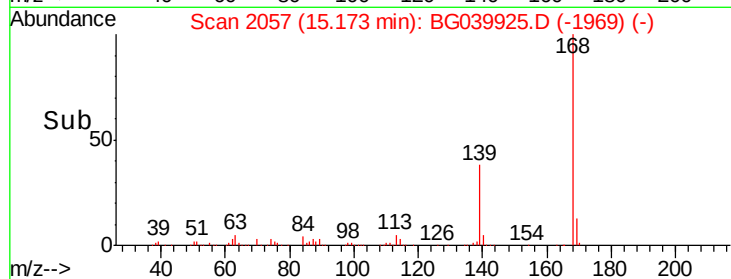
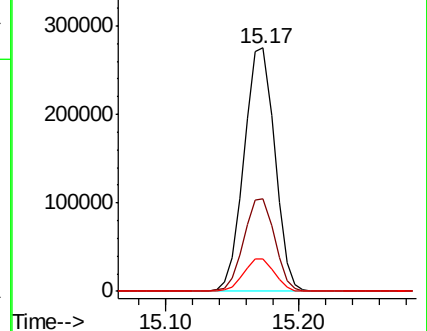
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.294 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

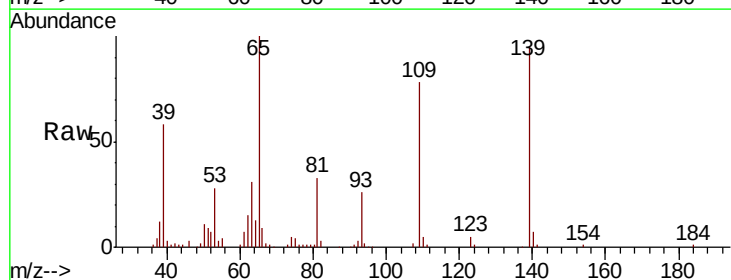
Tgt Ion:139 Resp: 143488

Ion Ratio Lower Upper

139 100

109 81.9 61.9 101.9

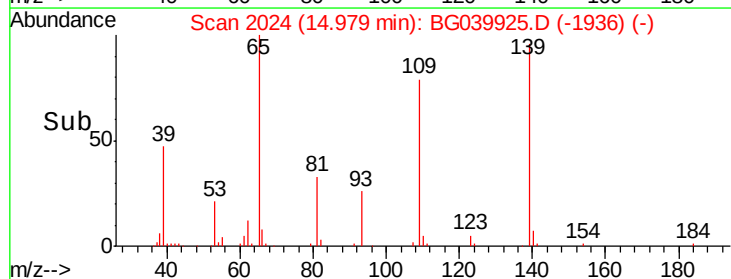
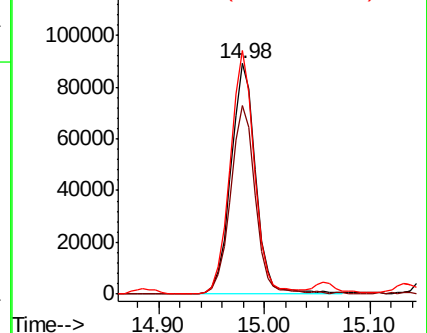
65 105.6 99.1 139.1

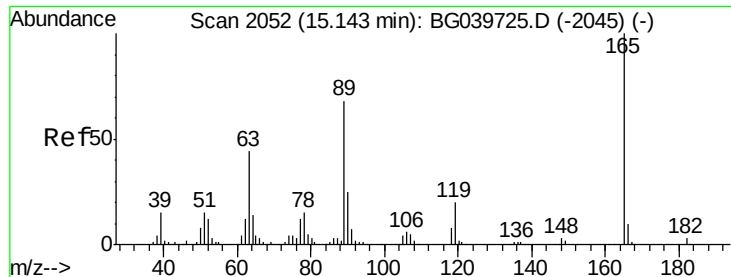


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

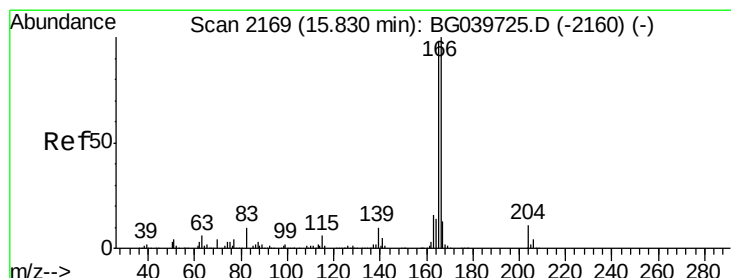
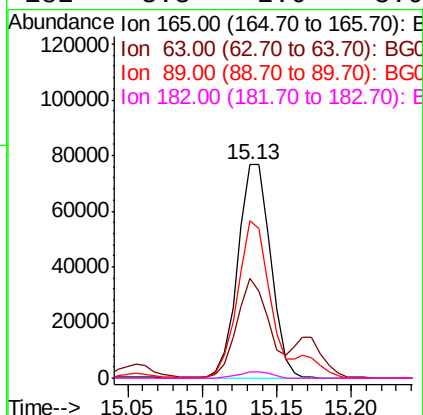
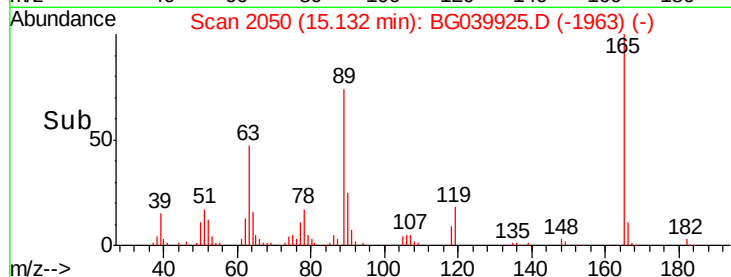
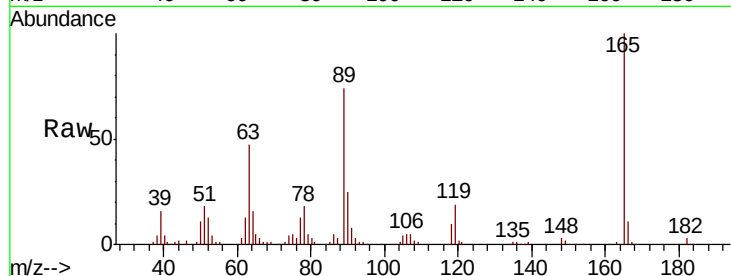




#57
 2,4-Dinitrotoluene
 Concen: 43.556 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

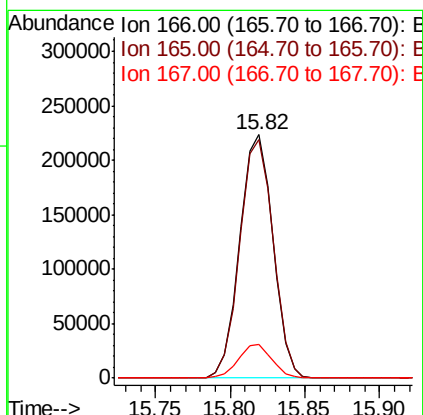
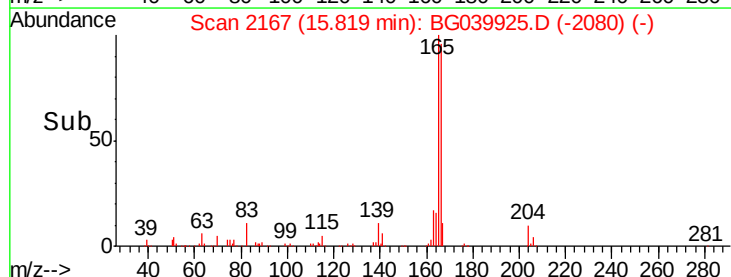
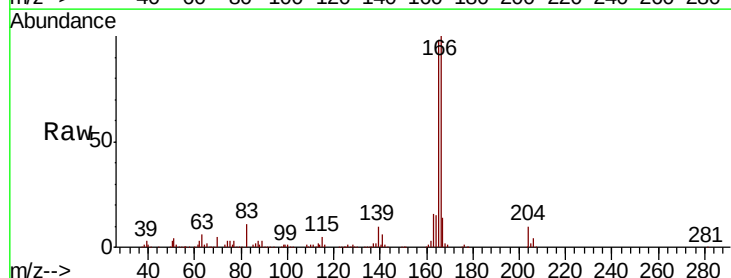
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

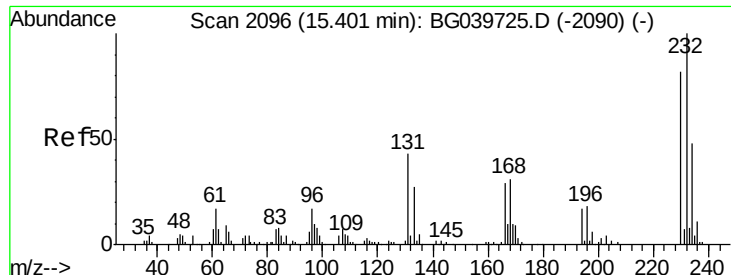
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	41.0	61.6
89	73.6	64.6	96.8
182	3.3	2.0	3.0#



#58
 Fluorene
 Concen: 40.474 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.9	116.9
167	13.7	10.8	16.2

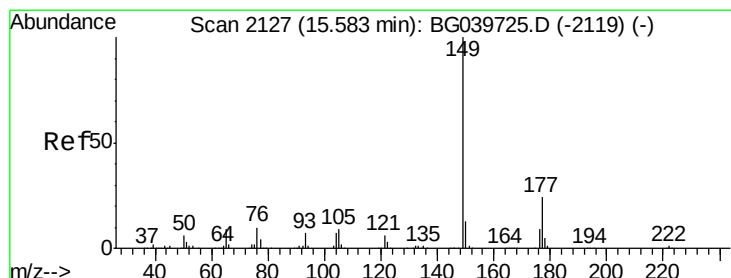
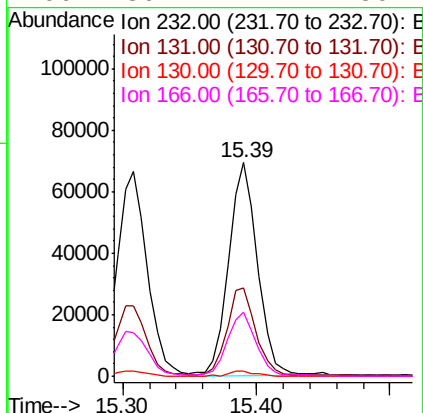
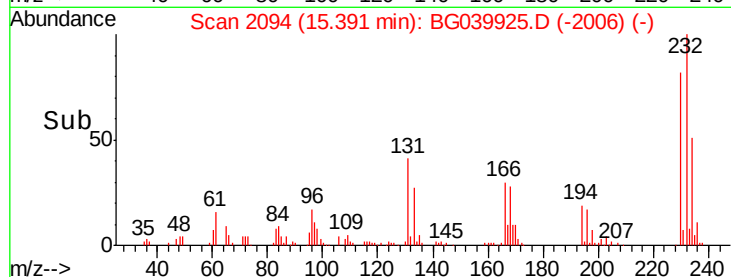
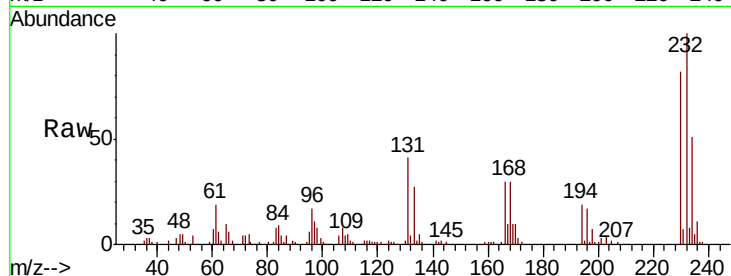




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.395 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

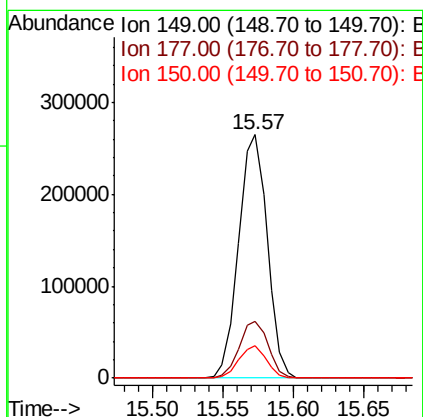
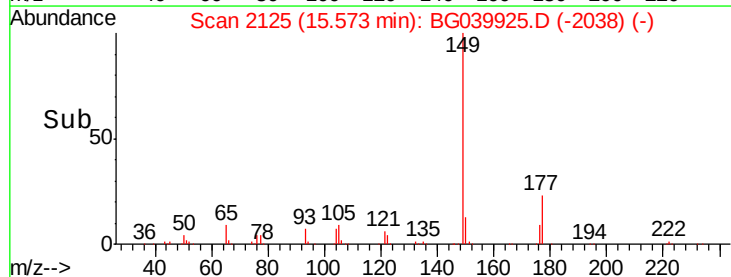
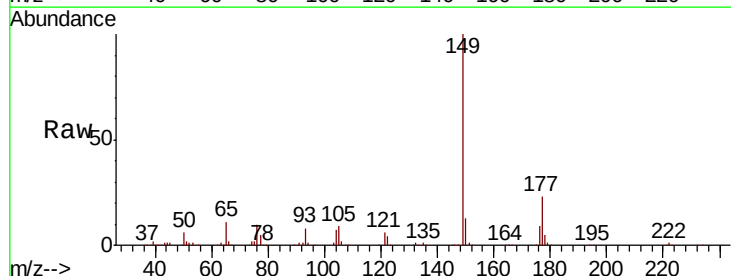
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

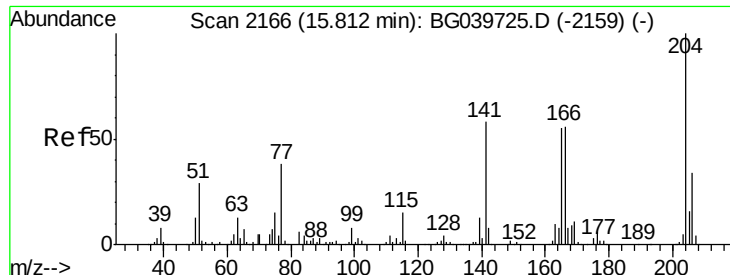
Tot Ion:	232	Resp:	104751
Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.9	52.3
130	2.1	2.0	3.0
166	30.4	24.1	36.1



#60
 Diethylphthalate
 Concen: 41.974 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion:	149	Resp:	375482
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	13.3	10.2	15.2

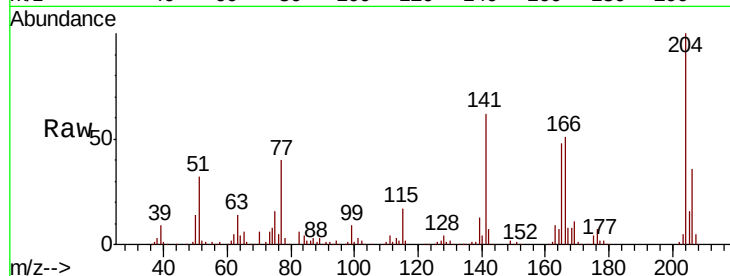




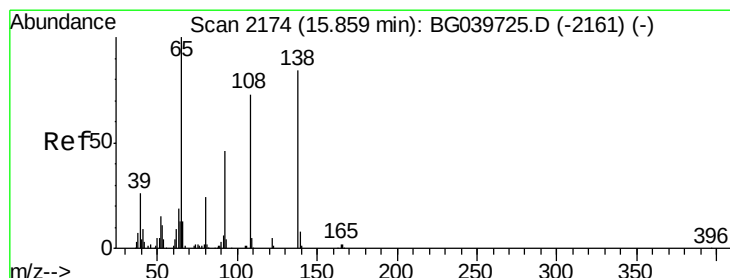
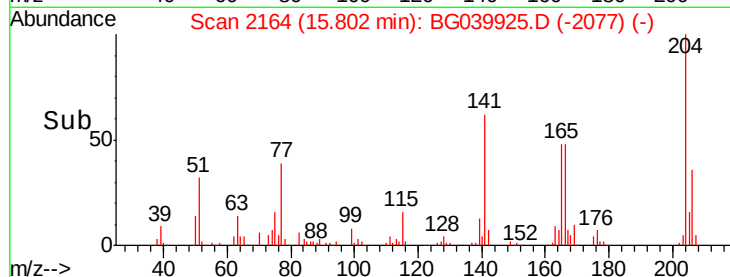
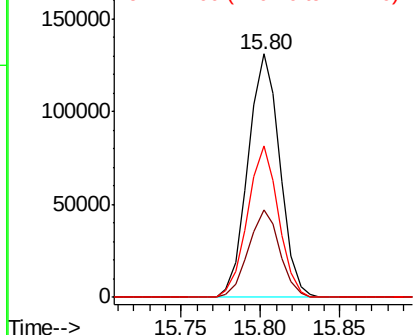
#61
4-Chlorophenyl-phenylether
Concen: 40.090 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion:204 Resp: 182300
Ion Ratio Lower Upper
204 100
206 35.8 29.2 43.8
141 62.1 49.0 73.4

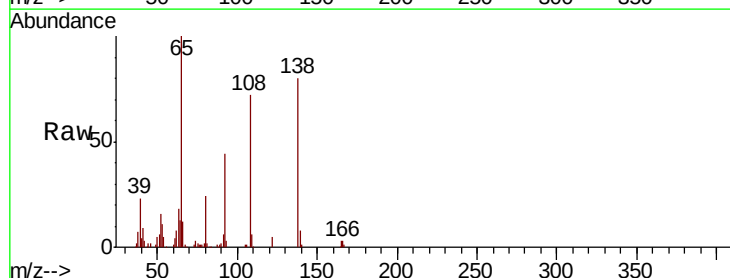


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

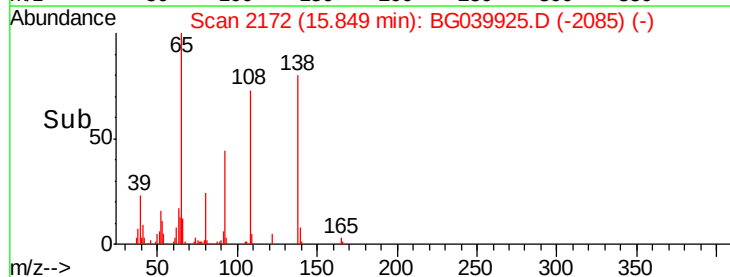
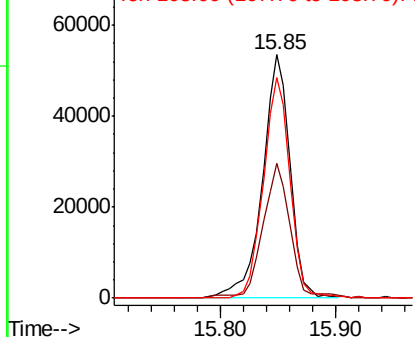


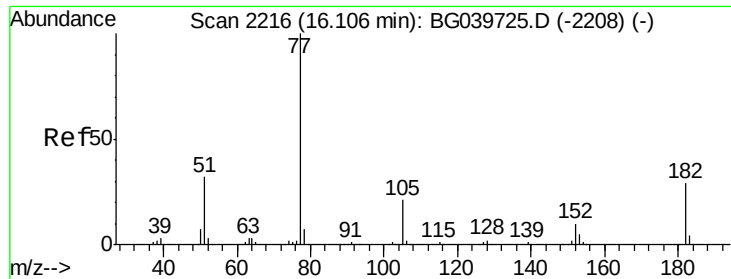
#62
4-Nitroaniline
Concen: 42.706 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:138 Resp: 89157
Ion Ratio Lower Upper
138 100
92 55.3 38.7 78.7
108 90.5 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

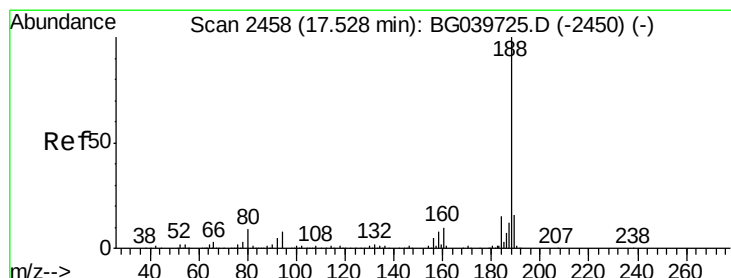
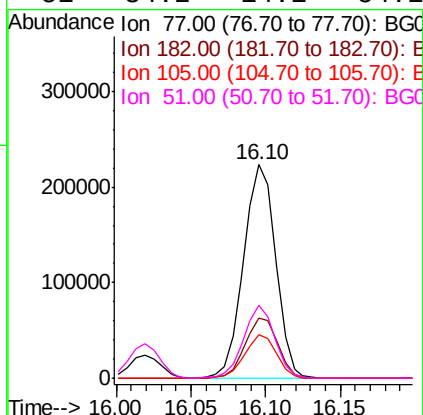
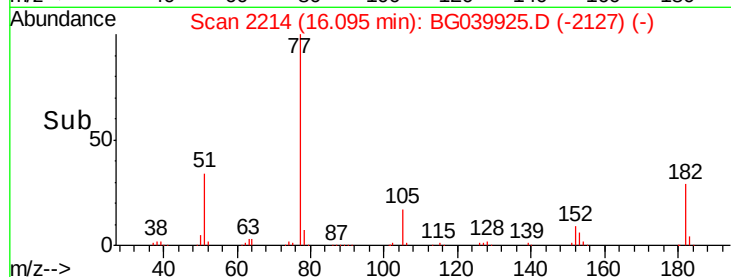
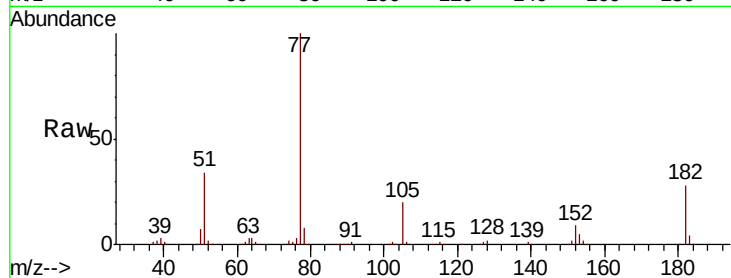




#63
Azobenzene
Concen: 40.890 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

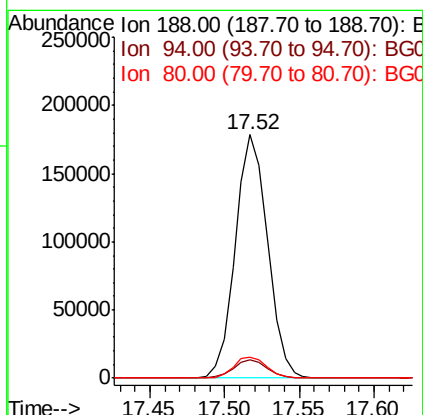
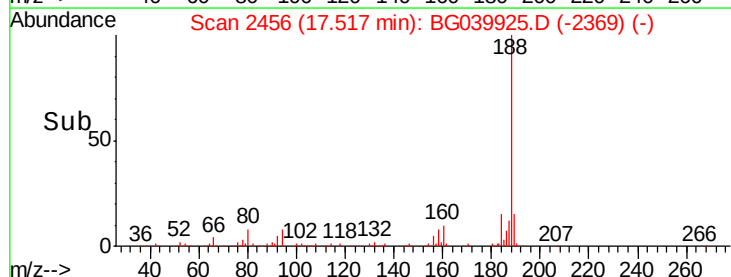
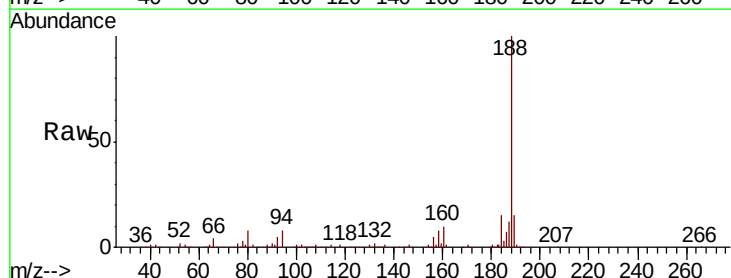
Instrument :
BNA_G
ClientSampleId :
PB117907BS

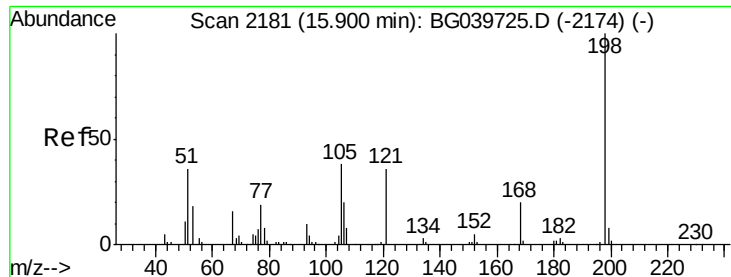
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.4	46.4
105	20.3	0.0	39.8
51	34.2	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.3	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.325 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

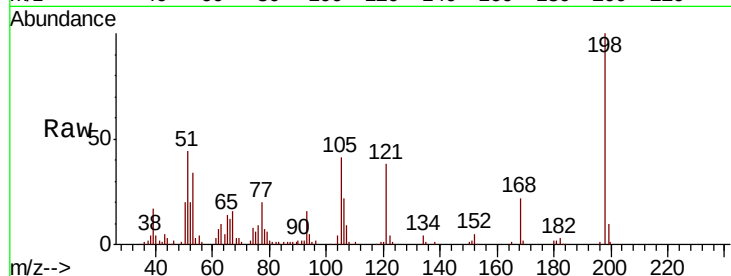
BNA_G

ClientSampled :

PB117907BS

Tot Ion:198 Resp: 62317

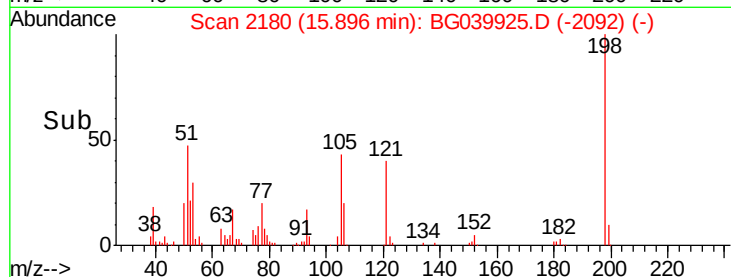
Ion	Ratio	Lower	Upper
198	100		
51	44.4	27.4	67.4
105	40.7	19.7	59.7



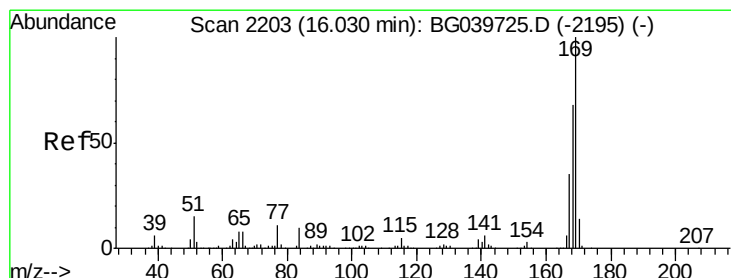
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039925.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.735 ng

RT: 16.02 min Scan# 2201

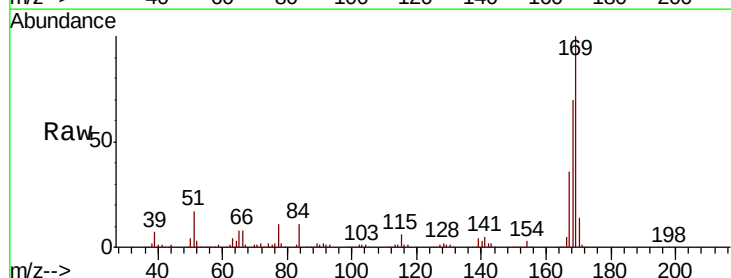
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:169 Resp: 323819

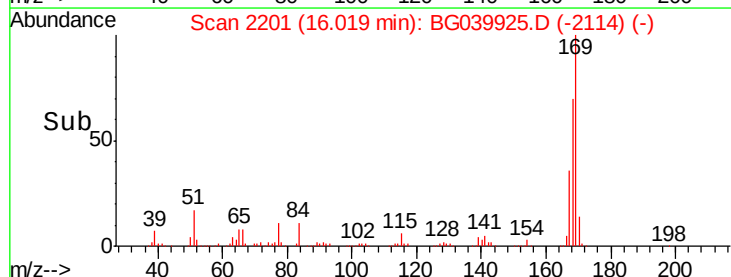
Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.6	85.0
167	36.4	28.8	43.2



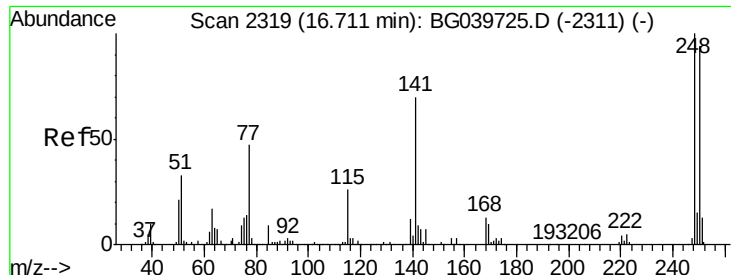
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



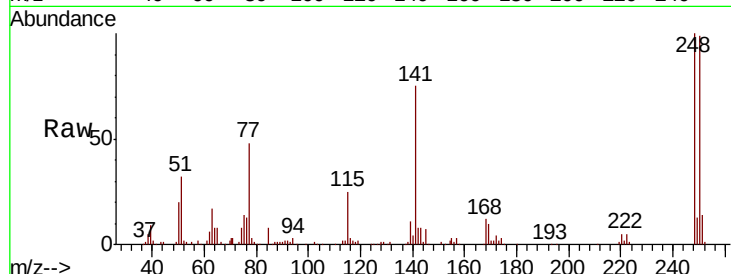
Time-->



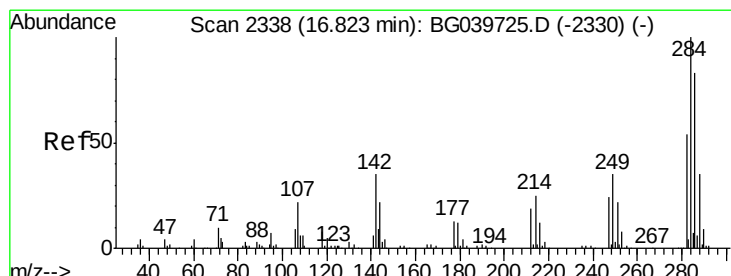
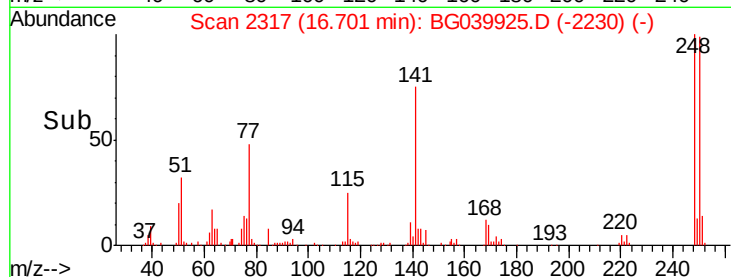
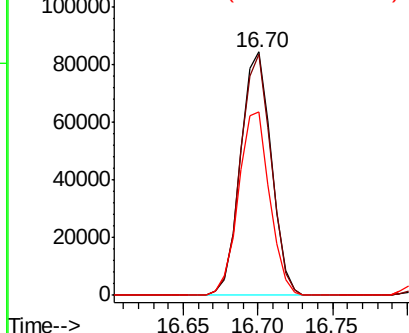
#67
 4-Bromophenyl-phenylether
 Concen: 40.205 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion:248 Resp: 120611
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.6 116.4
 141 75.2 63.9 95.9

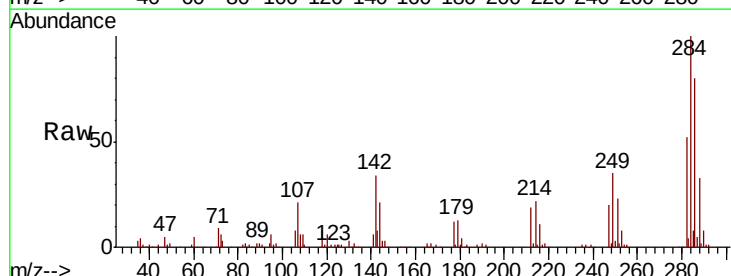


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

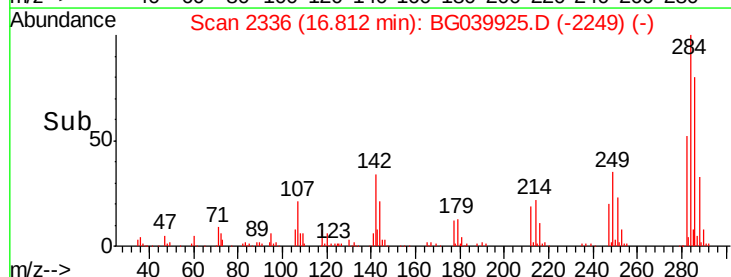
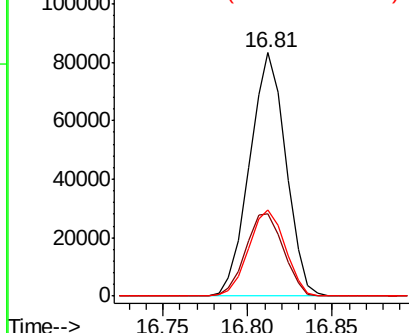


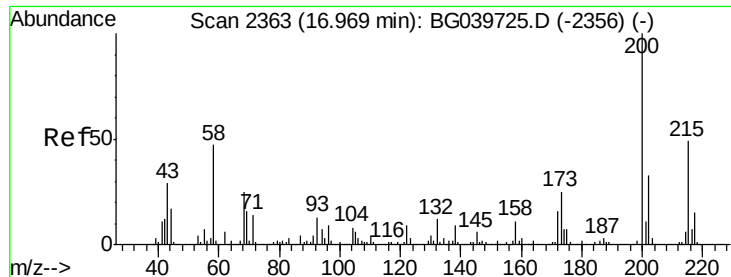
#68
 Hexachlorobenzene
 Concen: 40.002 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion:284 Resp: 124392
 Ion Ratio Lower Upper
 284 100
 142 33.6 30.6 45.8
 249 35.2 28.2 42.2



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

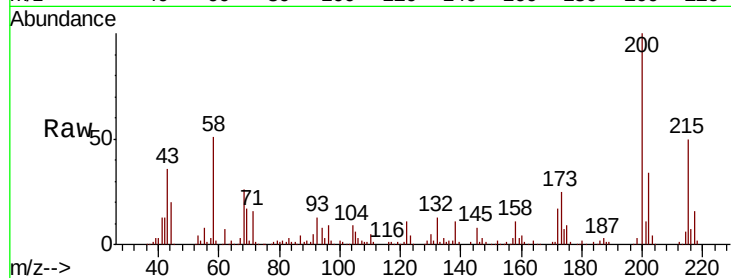




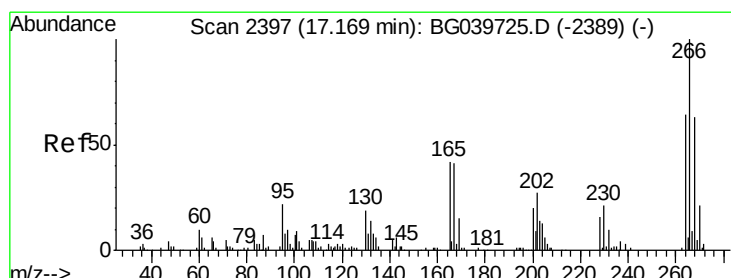
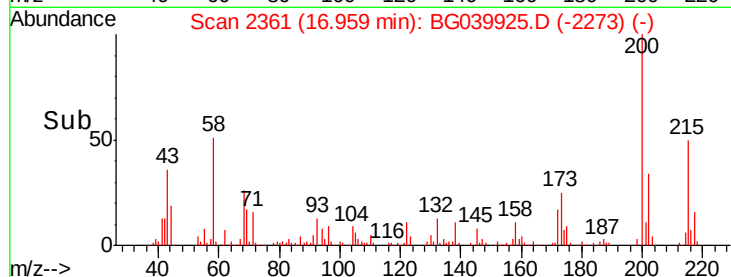
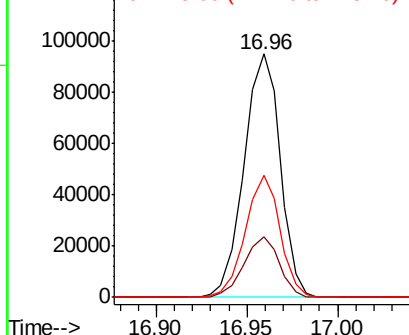
#69
 Atrazine
 Concen: 43.109 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion:200 Resp: 131639
 Ion Ratio Lower Upper
 200 100
 173 24.9 3.9 43.9
 215 50.1 30.9 70.9

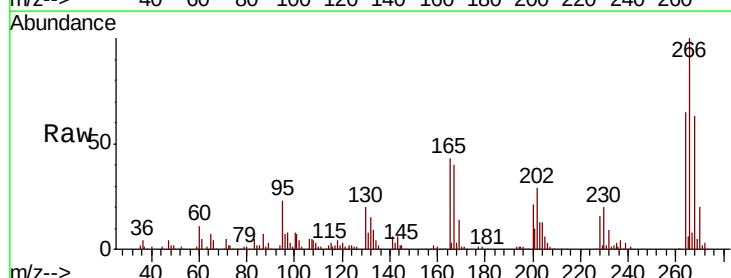


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

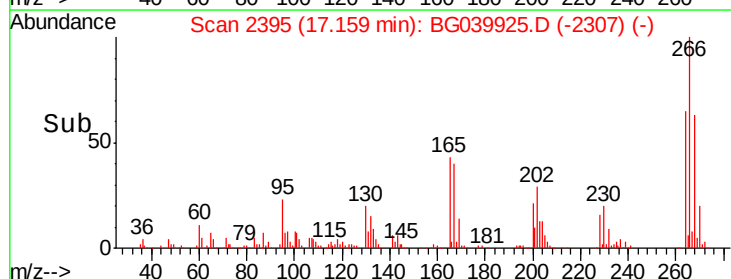
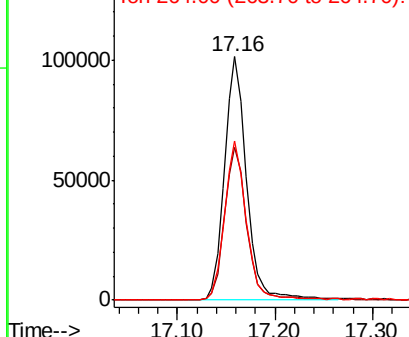


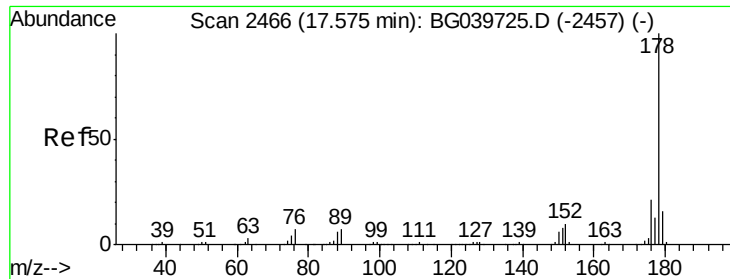
#70
 Pentachlorophenol
 Concen: 80.963 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion:266 Resp: 159002
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 65.2 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

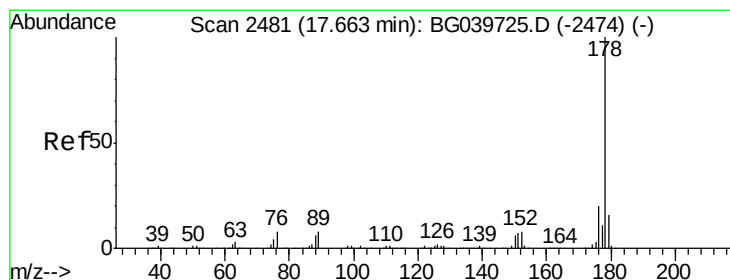
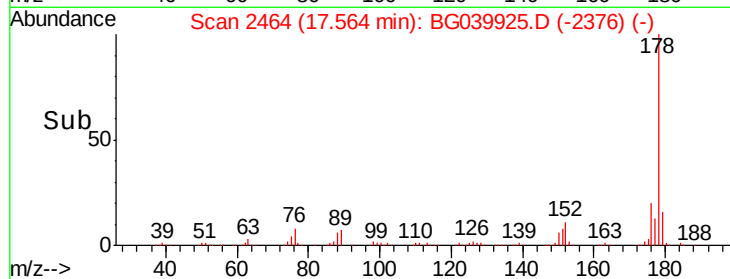
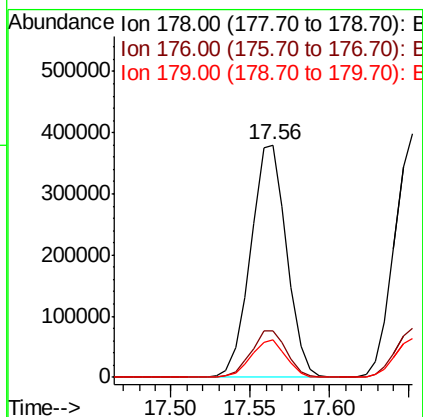
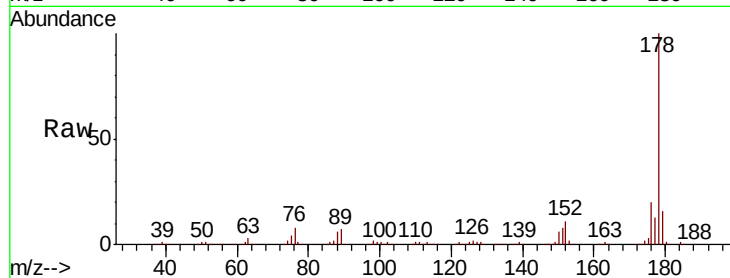




#71
Phenanthrene
Concen: 40.423 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

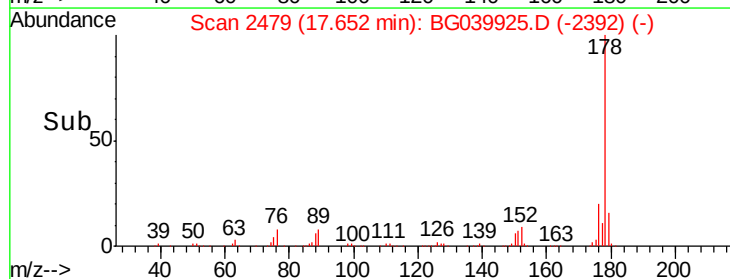
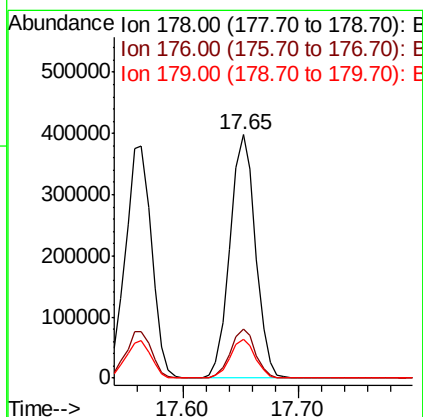
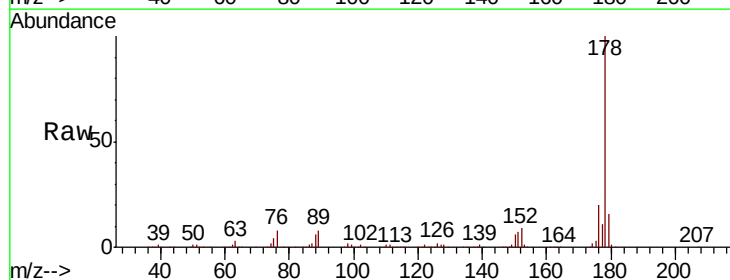
Instrument :
BNA_G
ClientSampleId :
PB117907BS

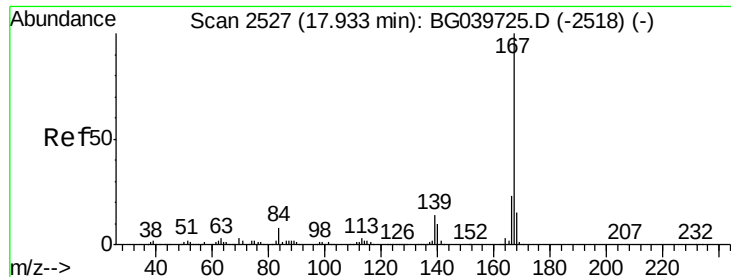
Tot Ion:178 Resp: 596739
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.1 12.6 19.0



#72
Anthracene
Concen: 42.269 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:178 Resp: 608071
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.1 12.5 18.7





#73

Carbazole

Concen: 41.444 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

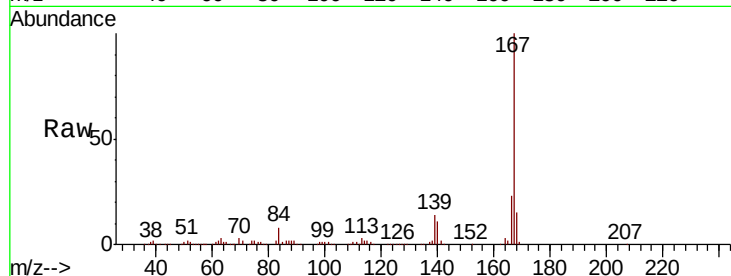
Tot Ion:167 Resp: 537482

Ion Ratio Lower Upper

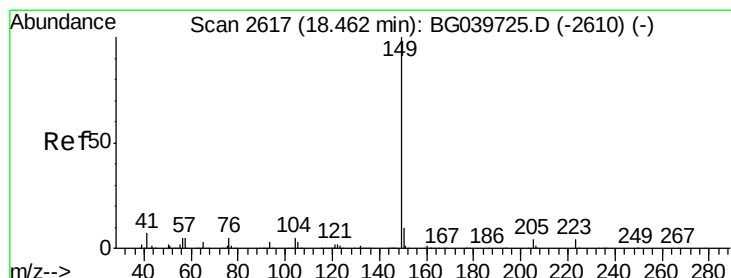
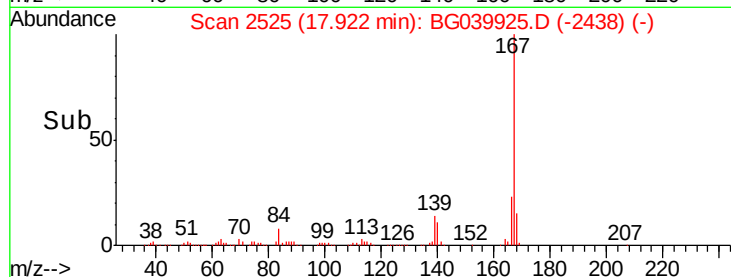
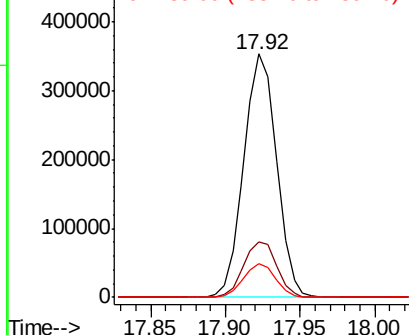
167 100

166 22.8 19.4 29.2

139 13.7 10.8 16.2



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



#74

Di-n-butylphthalate

Concen: 42.914 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

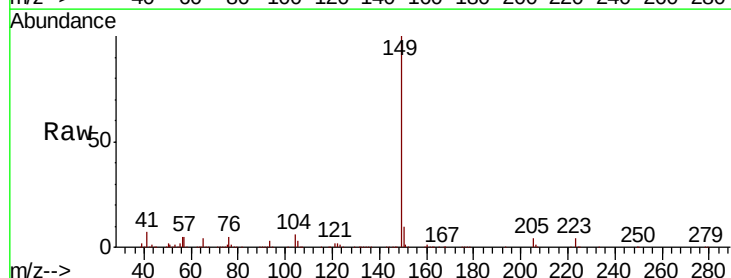
Tgt Ion:149 Resp: 654815

Ion Ratio Lower Upper

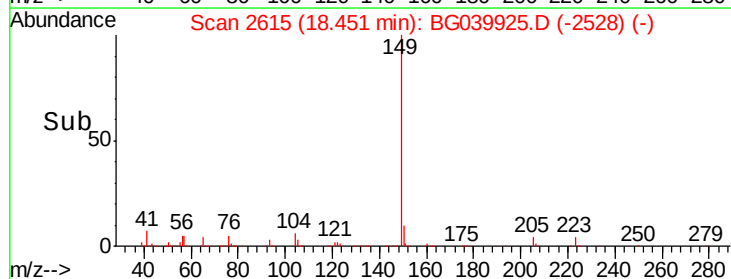
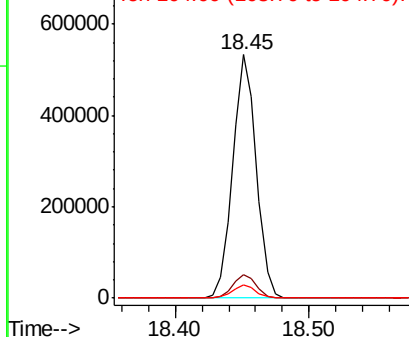
149 100

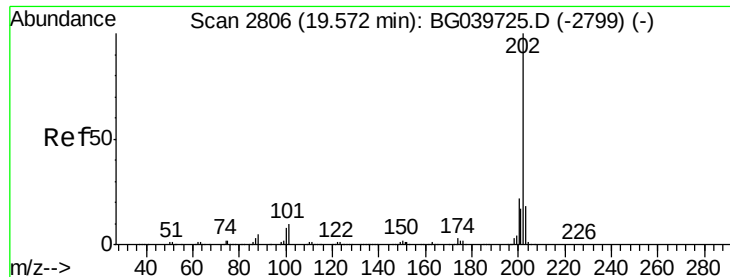
150 9.8 7.7 11.5

104 5.6 4.5 6.7



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





#75

Fluoranthene

Concen: 41.754 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

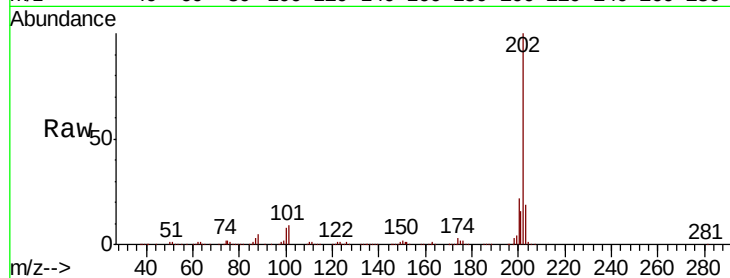
Tot Ion:202 Resp: 728455

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

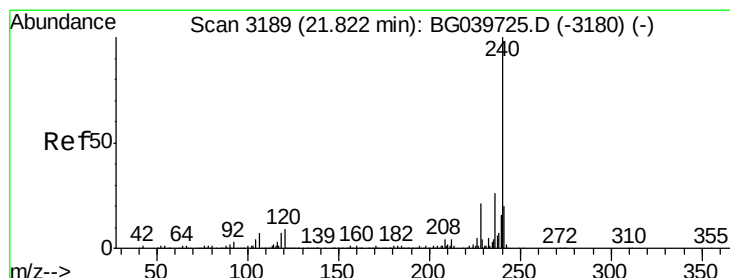
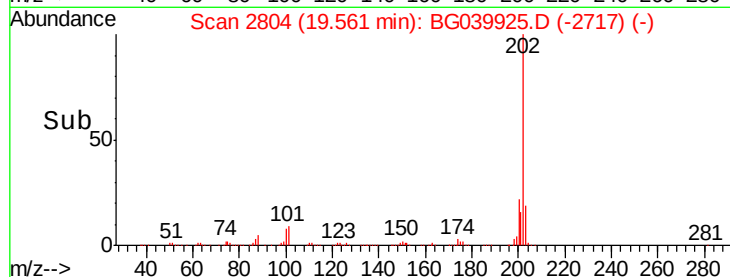
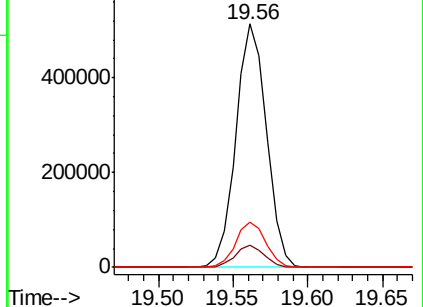
203 18.8 0.0 38.9



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: BG039925.D

Acq: 14 Mar 2019 15:04

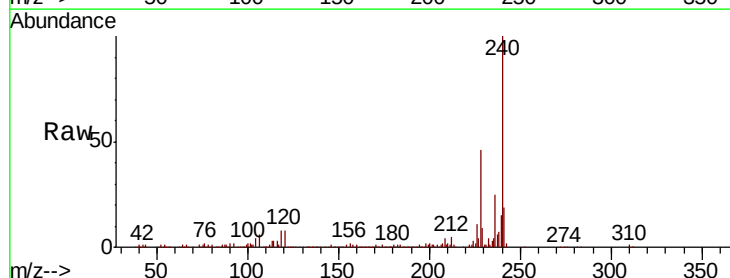
Tgt Ion:240 Resp: 279951

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

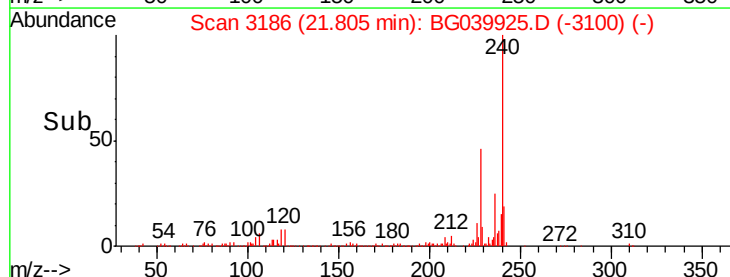
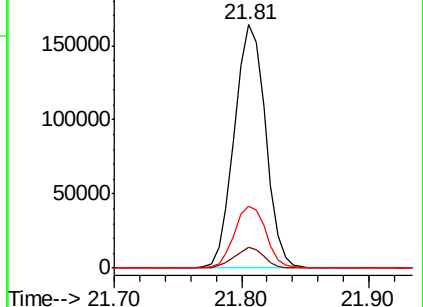
236 25.3 21.0 31.4

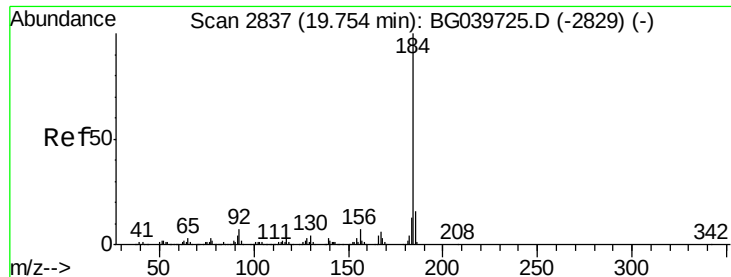


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.966 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

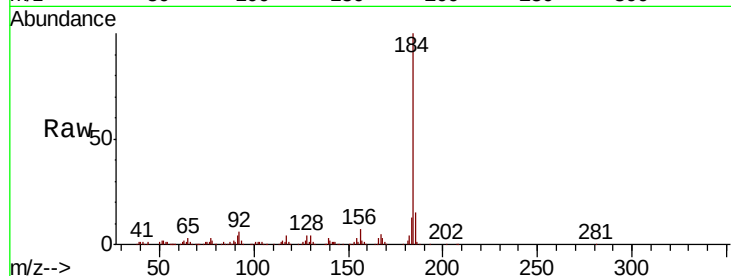
Tot Ion:184 Resp: 292855

Ion Ratio Lower Upper

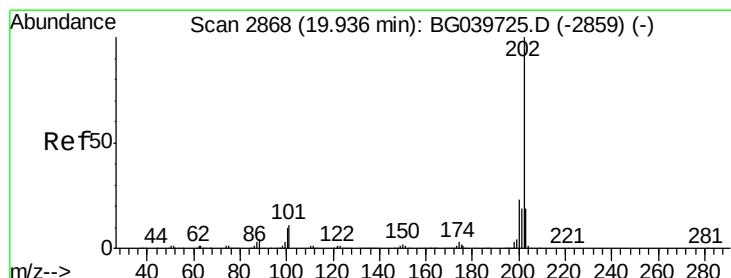
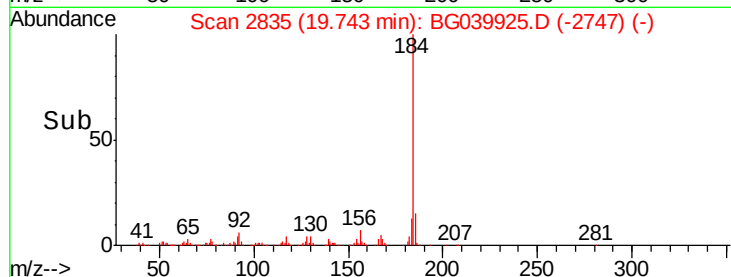
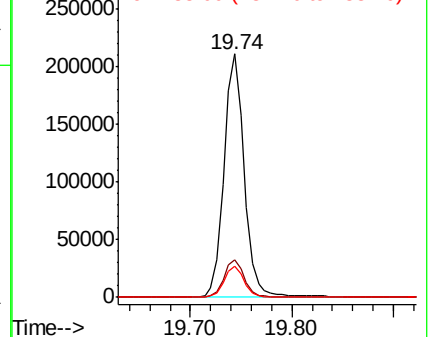
184 100

185 15.3 12.2 18.2

183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.409 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

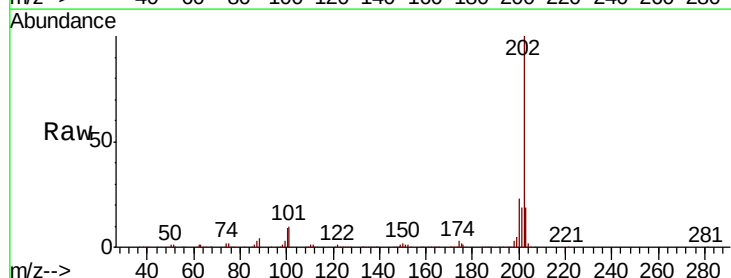
Tgt Ion:202 Resp: 735096

Ion Ratio Lower Upper

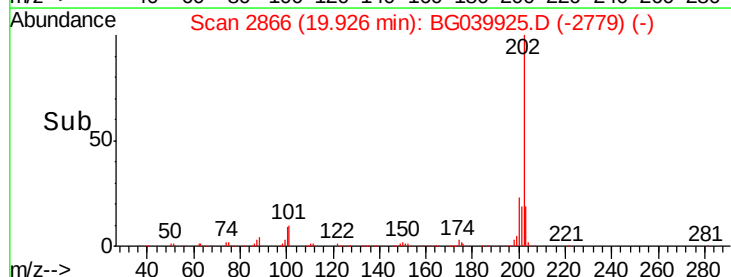
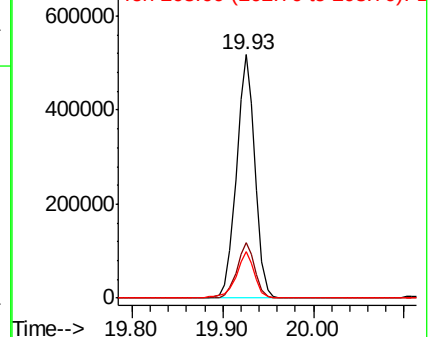
202 100

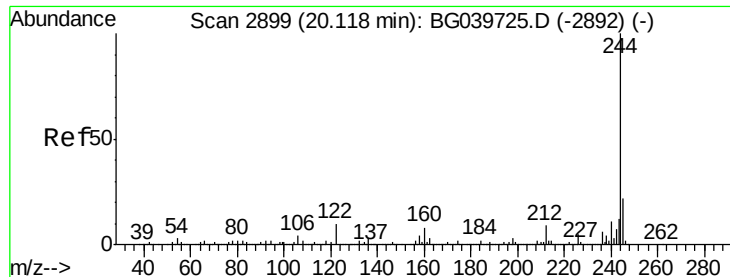
200 22.7 17.8 26.8

203 19.0 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.842 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

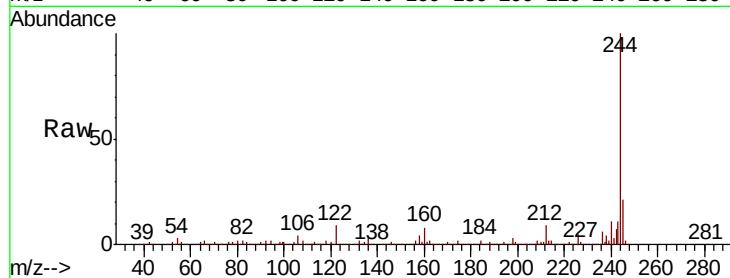
Tot Ion:244 Resp: 989729

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

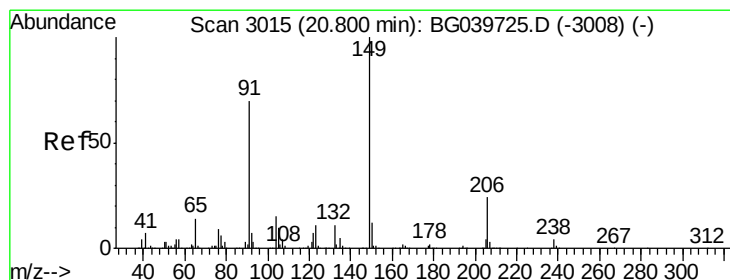
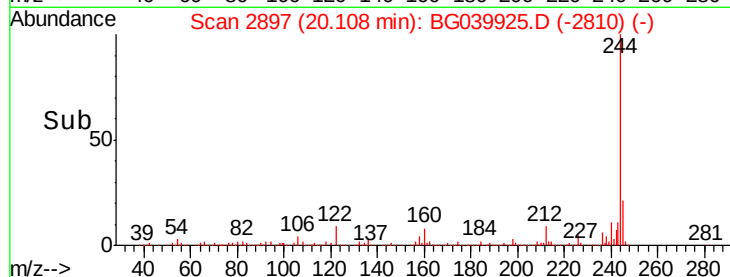
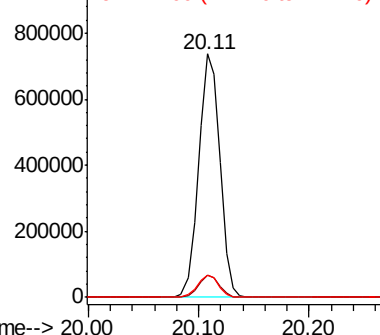
122 9.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.941 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

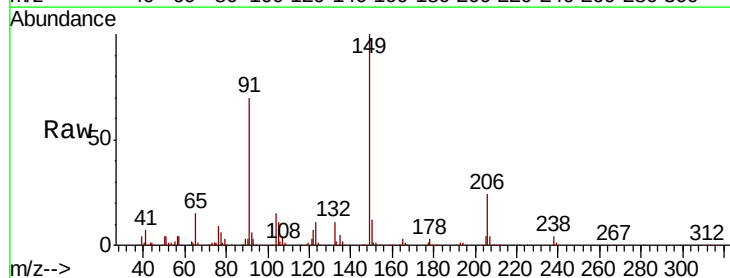
Tgt Ion:149 Resp: 309689

Ion Ratio Lower Upper

149 100

91 70.0 59.5 89.3

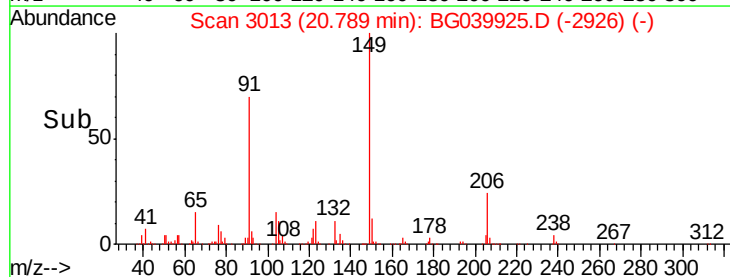
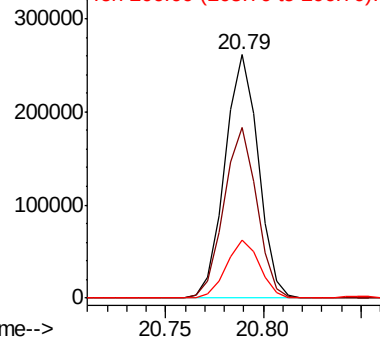
206 23.9 18.6 27.8

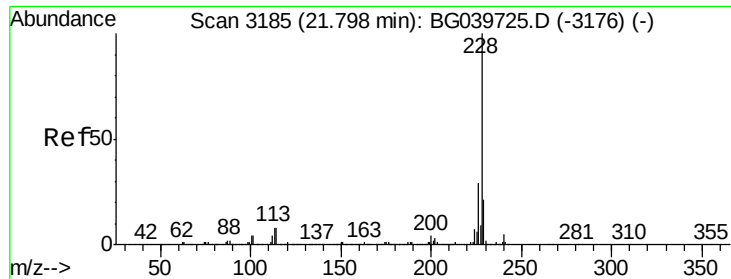


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

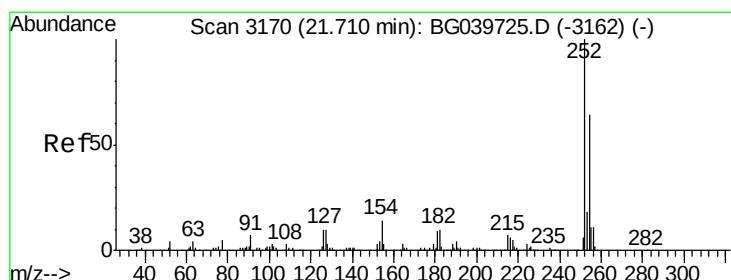
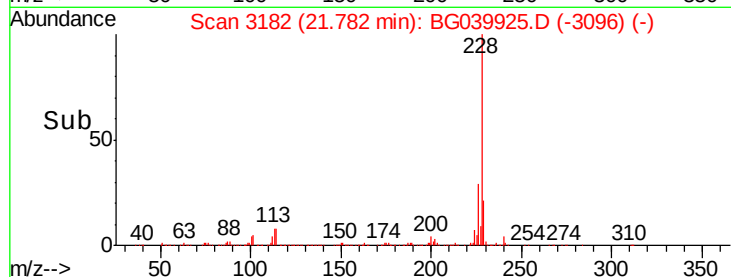
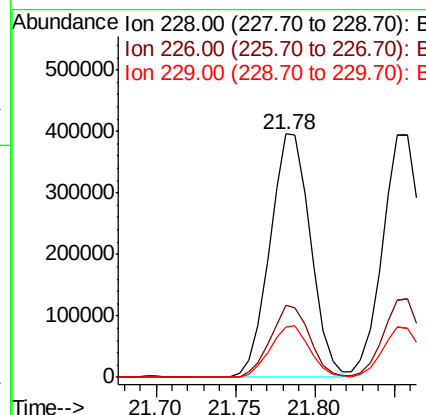
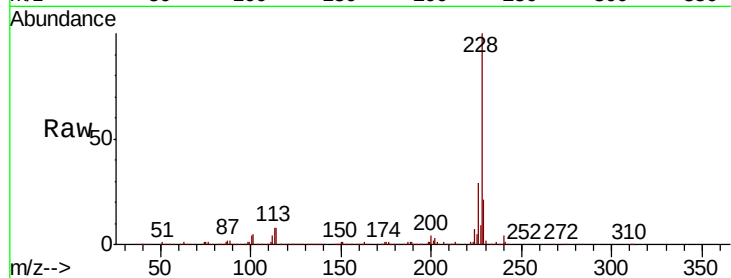




#81
Benzo(a)anthracene
Concen: 40.152 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

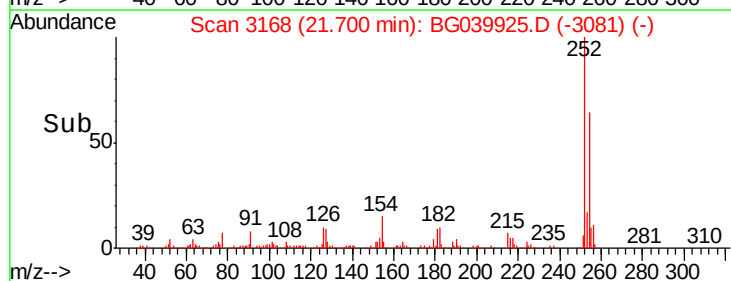
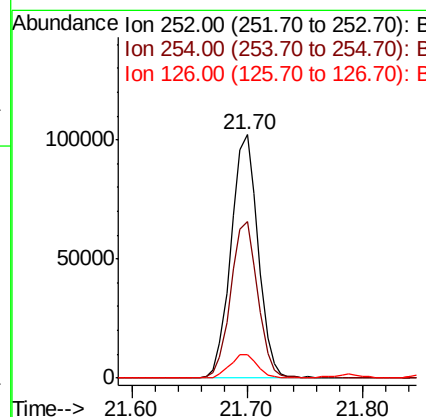
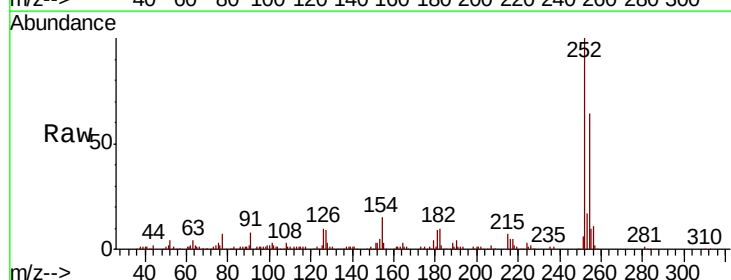
Instrument :
BNA_G
ClientSampleId :
PB117907BS

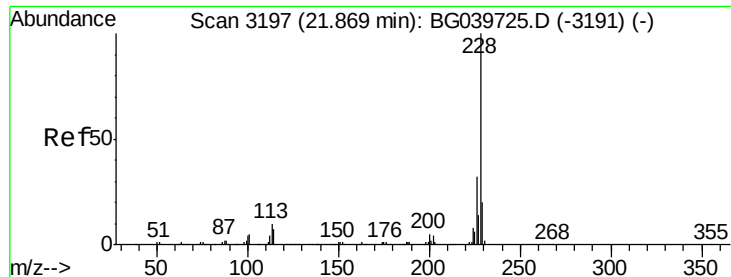
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	20.8	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 25.960 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	9.7	8.0	12.0





#83

Chrysene

Concen: 39.712 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

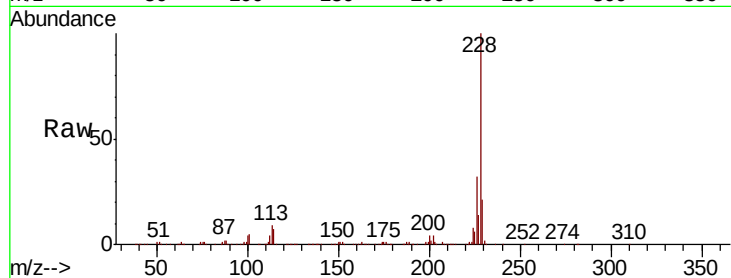
Tot Ion:228 Resp: 675494

Ion Ratio Lower Upper

228 100

226 31.9 25.8 38.6

229 20.6 16.6 25.0

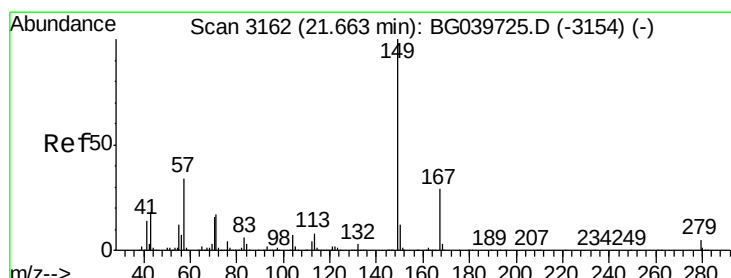
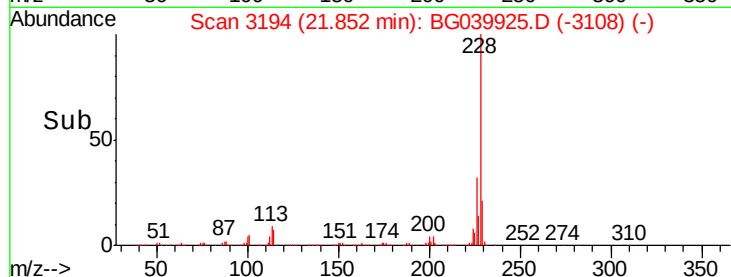
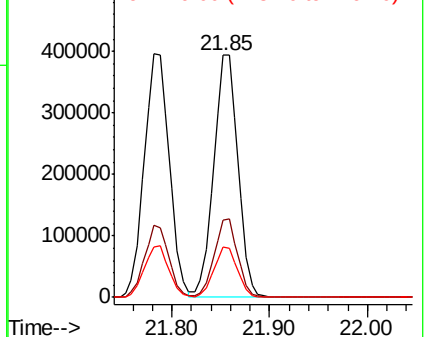


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.259 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

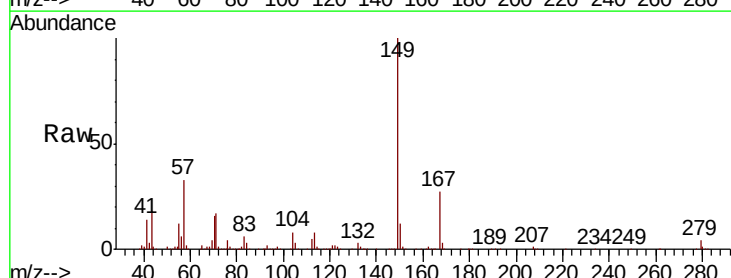
Tgt Ion:149 Resp: 428436

Ion Ratio Lower Upper

149 100

167 27.4 22.6 34.0

279 4.5 3.5 5.3

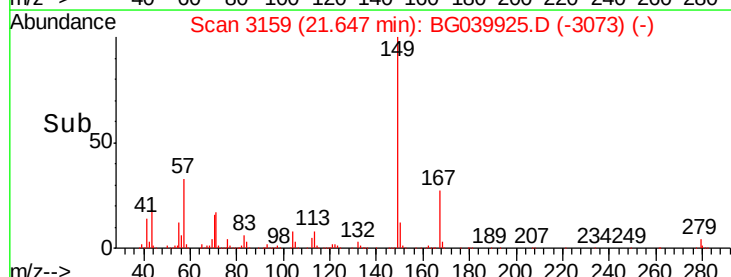
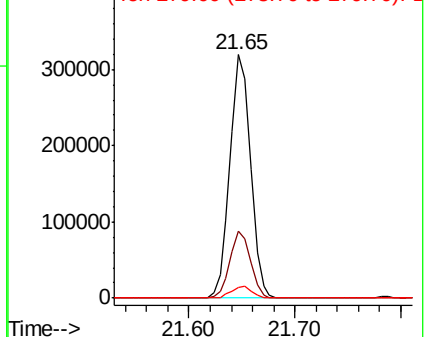


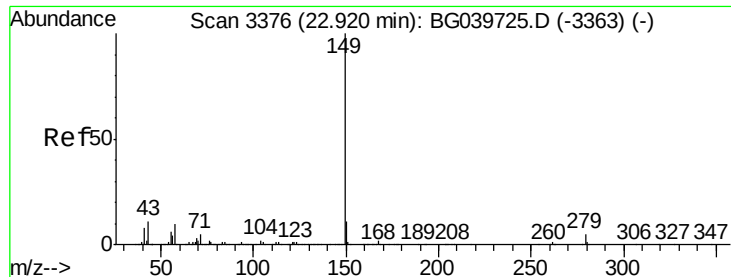
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

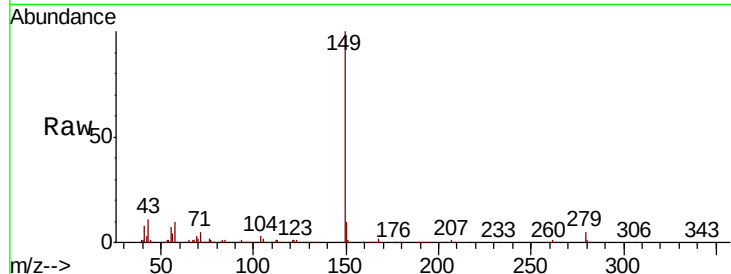




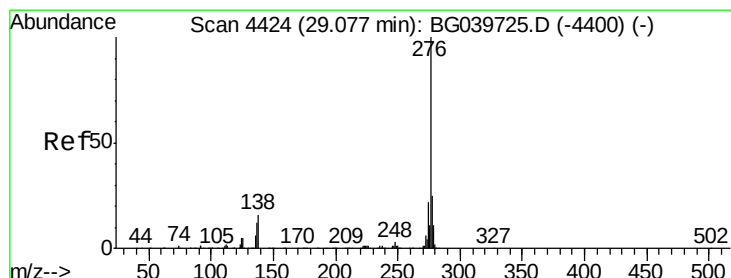
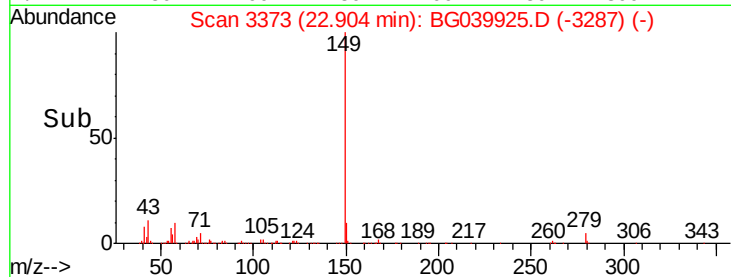
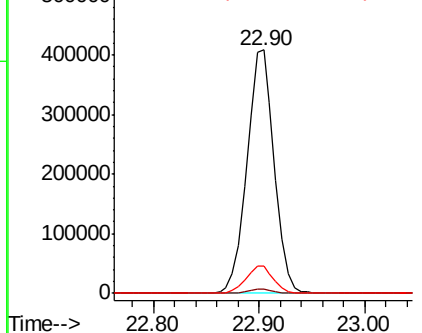
#85
Di-n-octyl phthalate
Concen: 44.550 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.0	10.2	15.4

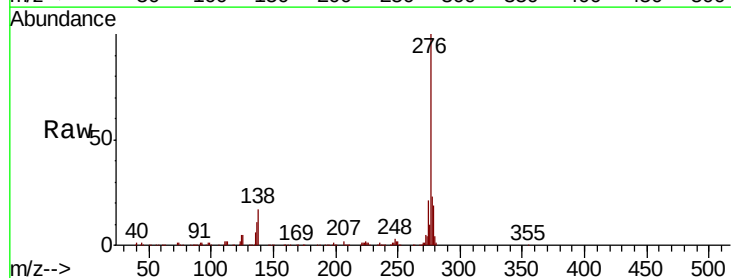


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

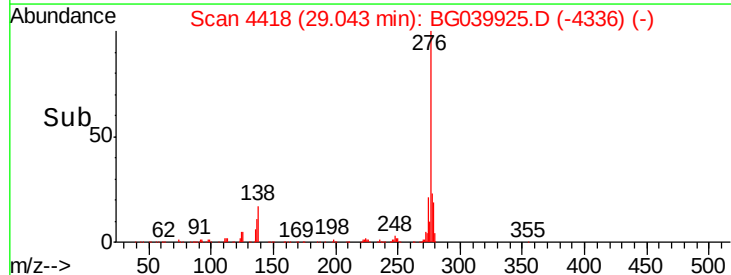
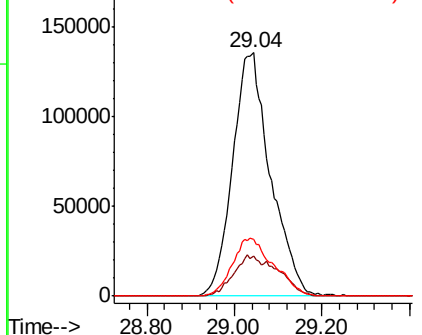


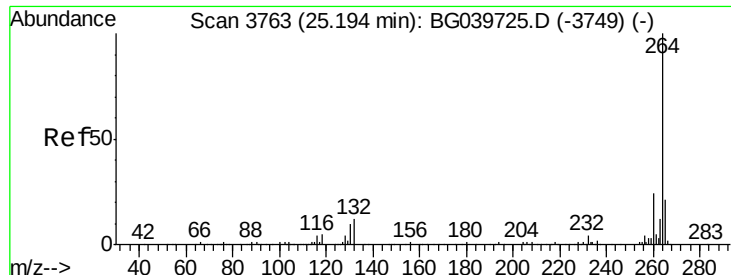
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.278 ng
RT: 29.04 min Scan# 4418
Delta R.T. -0.05 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.3	12.6	19.0#
277	25.8	20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

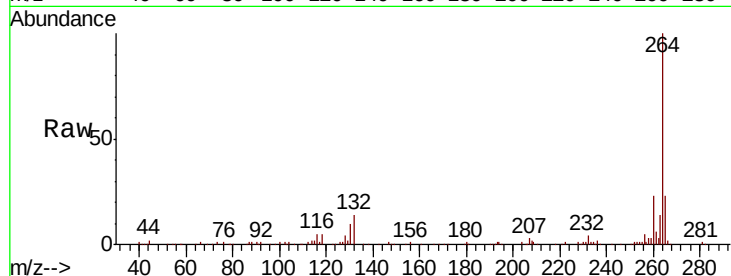
BNA_G

ClientSampleId :

PB117907BS

Tot Ion:264 Resp: 265013

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.7	18.5	27.7

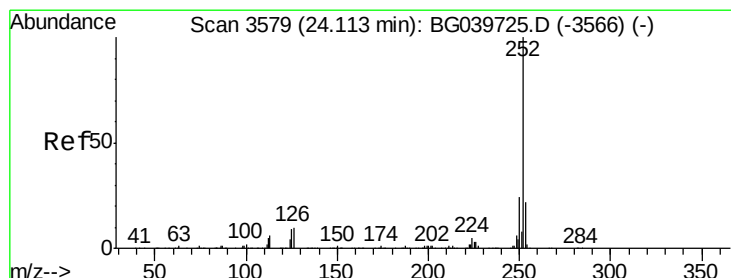
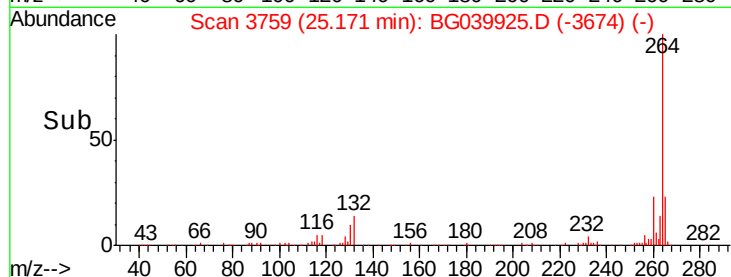
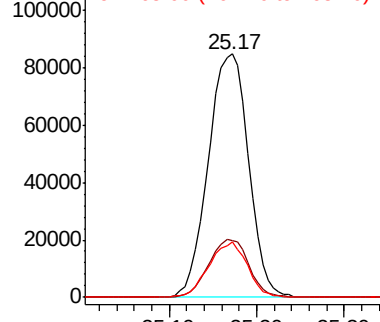


Abundance

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: 44.512 ng

RT: 24.09 min Scan# 3575

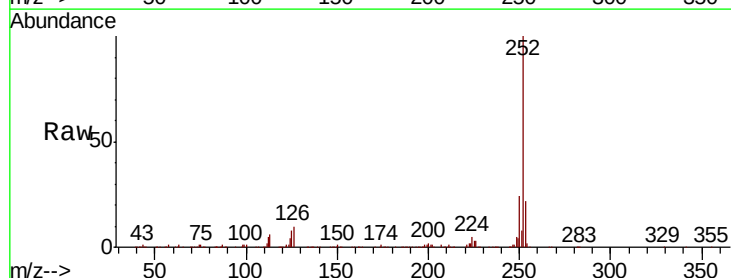
Delta R.T. -0.03 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:252 Resp: 703431

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	8.3	7.8	11.6

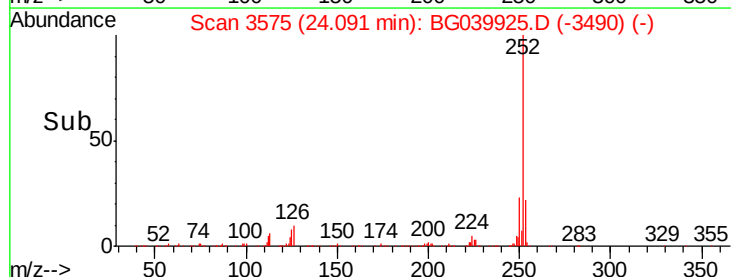
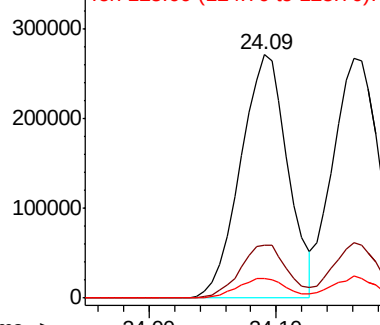


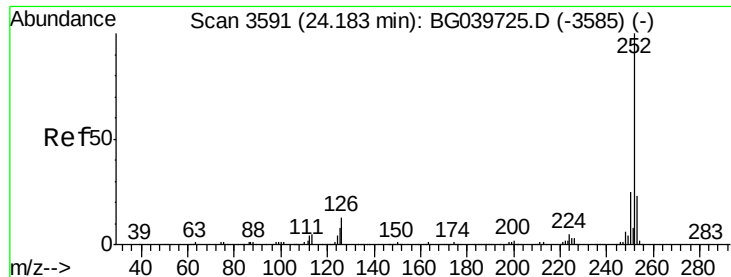
Abundance

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: 45.901 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleId :

PB117907BS

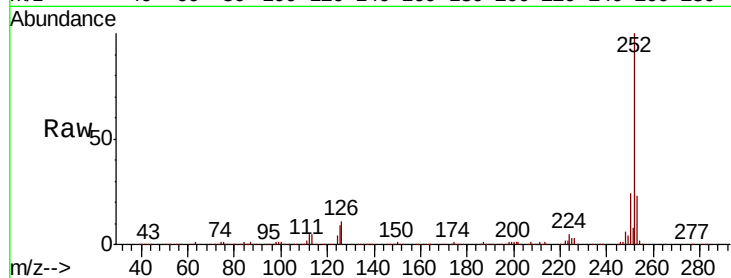
Tot Ion:252 Resp: 675223

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

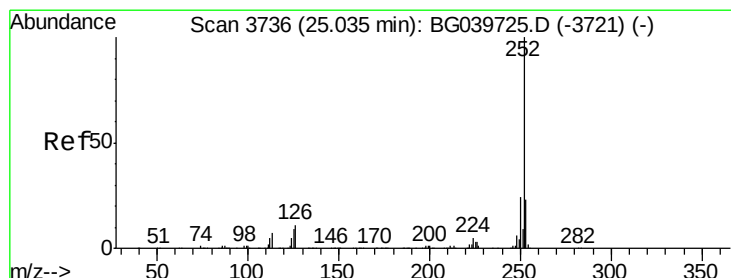
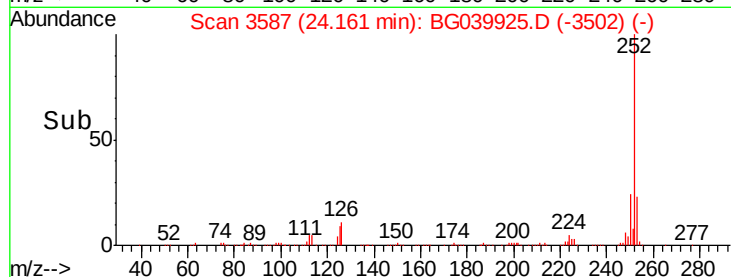
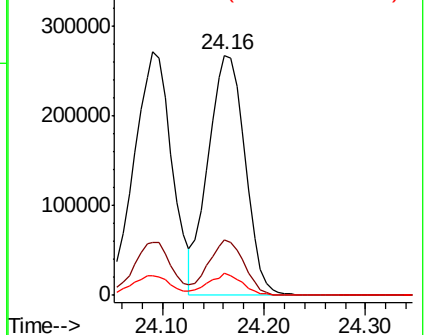
125 9.0 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.495 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

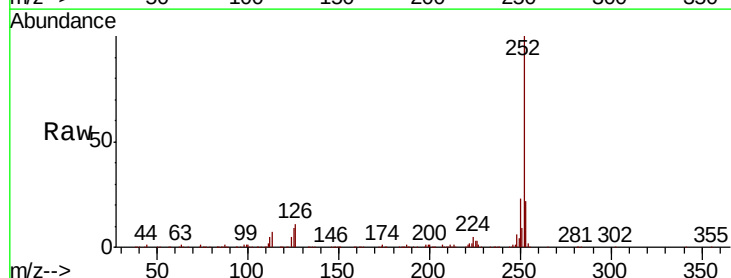
Tgt Ion:252 Resp: 678970

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

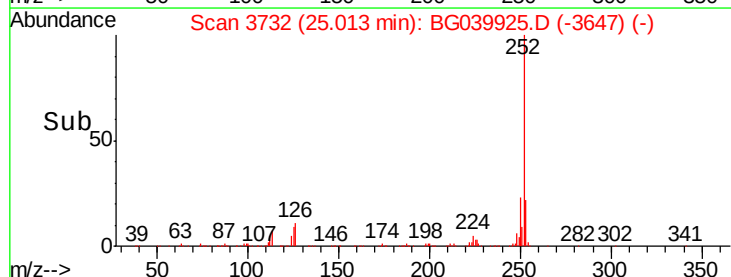
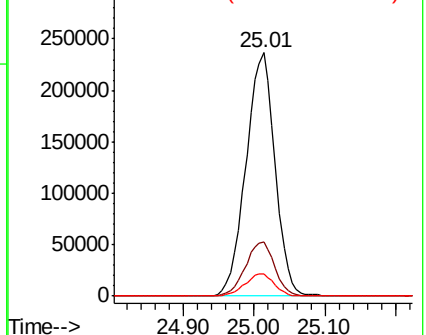
125 8.9 8.3 12.5

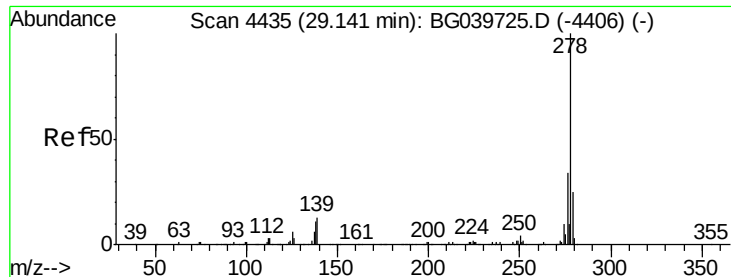


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

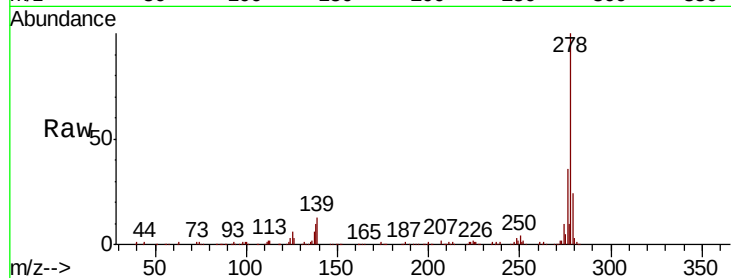




#91
Dibenzo(a,h)anthracene
Concen: 45.387 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.7	17.5
279	24.2	19.1	28.7

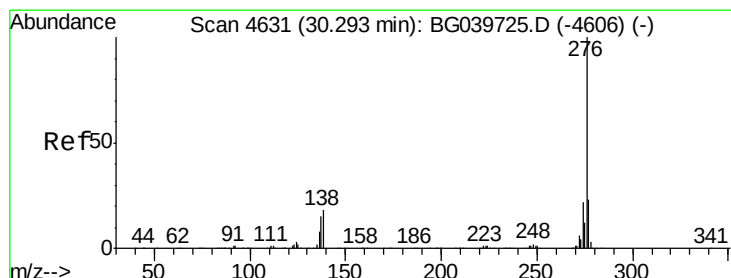
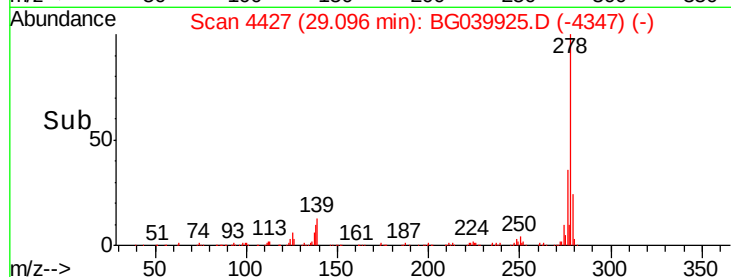
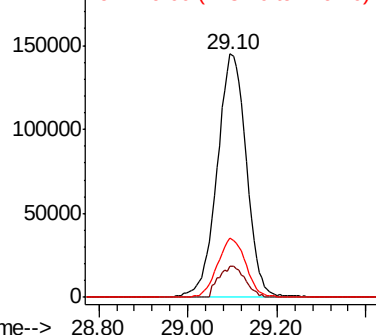


Abundance

Ion 278.00 (277.70 to 278.70): E

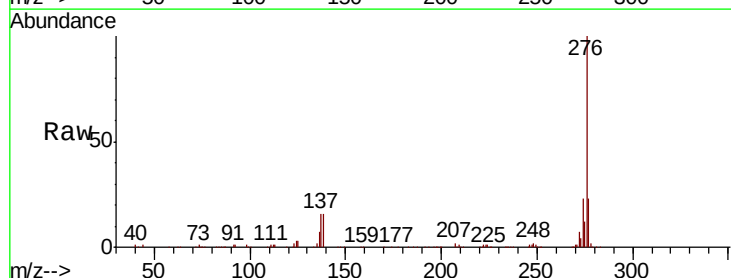
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.819 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	16.1	14.7	22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

