

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039943.D
 Acq On : 15 Mar 2019 16:10
 Operator : JU/SJ
 Sample : PB117964BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Quant Time: Mar 16 04:07:35 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	38833	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	169638	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	109502	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	266459	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	280208	20.00	ng	-0.02
87) Perylene-d12	25.17	264	265211	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	322049	141.48	ng	-0.02
7) Phenol-d6	7.29	99	450953	132.87	ng	-0.02
23) Nitrobenzene-d5	9.33	82	252776	80.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	170574	133.64	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	600314	78.06	ng	-0.02
79) Terphenyl-d14	20.11	244	1006107	79.06	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	37947	36.110	ng	95
3) Pyridine	3.98	79	99497	35.366	ng	94
4) n-Nitrosodimethylamine	3.90	42	54401	40.760	ng	# 91
6) Aniline	7.47	93	124166	27.924	ng	99
8) 2-Chlorophenol	7.71	128	116950	42.350	ng	98
9) Benzaldehyde	7.29	77	49047	22.403	ng	96
10) Phenol	7.32	94	155445	42.277	ng	100
11) bis(2-Chloroethyl)ether	7.57	93	112713	39.318	ng	96
12) 1,3-Dichlorobenzene	8.04	146	123787	39.635	ng	94
13) 1,4-Dichlorobenzene	8.18	146	126045	39.621	ng	97
14) 1,2-Dichlorobenzene	8.51	146	121820	39.633	ng	99
15) Benzyl Alcohol	8.39	79	114125	42.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	233613	40.746	ng	100
17) 2-Methylphenol	8.58	107	104578	44.606	ng	93
18) Hexachloroethane	9.23	117	44310	38.818	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	92029	37.672	ng	94
20) 3+4-Methylphenols	8.91	107	138959	42.665	ng	95
22) Acetophenone	8.97	105	174765	38.384	ng	# 96
24) Nitrobenzene	9.37	77	139497	42.394	ng	99
25) Isophorone	9.88	82	265073	40.333	ng	99
26) 2-Nitrophenol	10.08	139	66992	42.168	ng	# 91
27) 2,4-Dimethylphenol	10.12	122	119903	48.527	ng	91
28) bis(2-Chloroethoxy)methane	10.36	93	162687	40.734	ng	99
29) 2,4-Dichlorophenol	10.61	162	127345	45.776	ng	92
30) 1,2,4-Trichlorobenzene	10.83	180	129141	41.254	ng	97
31) Naphthalene	11.02	128	364274	40.558	ng	99
32) Benzoic acid	10.26	122	61625	37.929	ng	98
33) 4-Chloroaniline	11.13	127	80752	21.203	ng	97
34) Hexachlorobutadiene	11.28	225	89454	41.818	ng	95
35) Caprolactam	11.91	113	24054	22.635	ng	92
36) 4-Chloro-3-methylphenol	12.23	107	134444	42.159	ng	98
37) 2-Methylnaphthalene	12.61	142	279122	41.567	ng	98
38) 1-Methylnaphthalene	12.83	142	263831	40.430	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	157437	42.440	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039943.D
 Acq On : 15 Mar 2019 16:10
 Operator : JU/SJ
 Sample : PB117964BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Quant Time: Mar 16 04:07:35 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)
41) Hexachlorocyclopentadiene	12.94	237	199621	100.412	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	104383	48.062	ng	95
44) 2,4,5-Trichlorophenol	13.29	196	105713	43.183	ng	98
46) 1,1'-Biphenyl	13.61	154	368923	40.962	ng	99
47) 2-Chloronaphthalene	13.66	162	285549	42.145	ng	99
48) 2-Nitroaniline	13.87	65	94572	43.433	ng	98
49) Acenaphthylene	14.50	152	445980	40.097	ng	99
50) Dimethylphthalate	14.22	163	368493	40.244	ng	100
51) 2,6-Dinitrotoluene	14.36	165	80628	41.537	ng	94
52) Acenaphthene	14.84	154	271195	40.511	ng	97
53) 3-Nitroaniline	14.69	138	56019	28.709	ng	# 95
54) 2,4-Dinitrophenol	14.89	184	86837	71.533	ng	98
55) Dibenzofuran	15.17	168	446244	40.629	ng	99
56) 4-Nitrophenol	14.98	139	142850	81.838	ng	90
57) 2,4-Dinitrotoluene	15.14	165	116450	42.695	ng	86
58) Fluorene	15.82	166	348967	40.416	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	107870	45.118	ng	96
60) Diethylphthalate	15.57	149	368610	40.666	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	186349	40.444	ng	98
62) 4-Nitroaniline	15.85	138	88263	41.725	ng	92
63) Azobenzene	16.09	77	336958	41.010	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	66263	42.059	ng	97
66) n-Nitrosodiphenylamine	16.02	169	318879	41.337	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	123608	41.443	ng	95
68) Hexachlorobenzene	16.81	284	124171	40.164	ng	96
69) Atrazine	16.96	200	129340	42.603	ng	99
70) Pentachlorophenol	17.16	266	154919	79.343	ng	97
71) Phenanthrene	17.56	178	591203	40.281	ng	99
72) Anthracene	17.65	178	601376	42.047	ng	99
73) Carbazole	17.93	167	538792	41.787	ng	99
74) Di-n-butylphthalate	18.46	149	655291	43.195	ng	100
75) Fluoranthene	19.57	202	736464	42.459	ng	97
77) Benzidine	19.74	184	288933	32.494	ng	99
78) Pyrene	19.93	202	739146	40.594	ng	98
80) Butylbenzylphthalate	20.79	149	308569	43.742	ng	98
81) Benzo(a)anthracene	21.79	228	710639	40.466	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	171219	26.705	ng	99
83) Chrysene	21.86	228	684021	40.177	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	432550	43.635	ng	98
85) Di-n-octyl phthalate	22.90	149	741484	45.175	ng	95
86) Indeno(1,2,3-cd)pyrene	29.04	276	809343	41.904	ng	100
88) Benzo(b)fluoranthene	24.10	252	717053	45.340	ng	99
89) Benzo(k)fluoranthene	24.17	252	683147	46.405	ng	98
90) Benzo(a)pyrene	25.02	252	692187	47.365	ng	98
91) Dibenzo(a,h)anthracene	29.11	278	653810	45.635	ng	98
92) Benzo(g,h,i)perylene	30.27	276	675159	46.922	ng	98

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

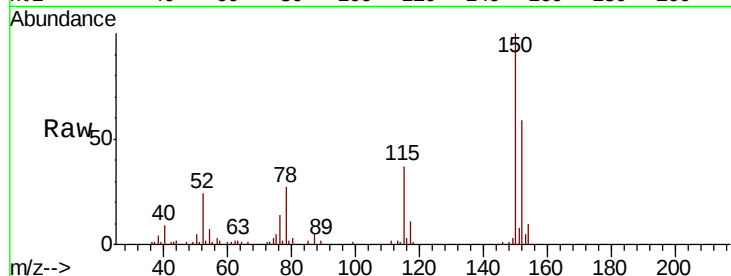


#1

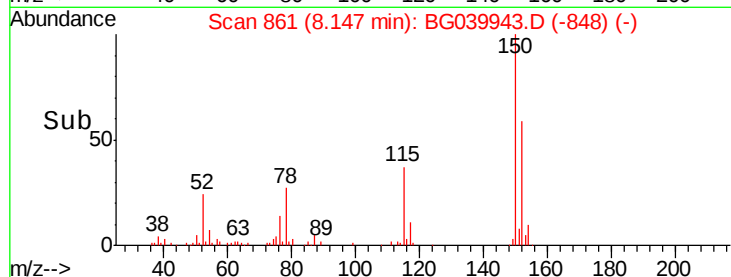
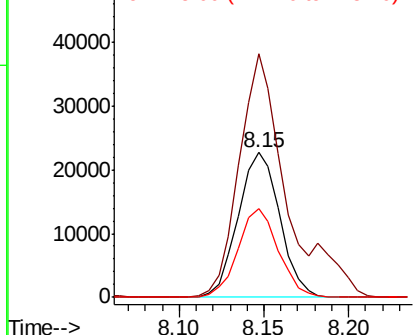
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion:152 Resp: 38833
Ion Ratio Lower Upper
152 100
150 168.1 123.7 185.5
115 61.4 45.9 68.9



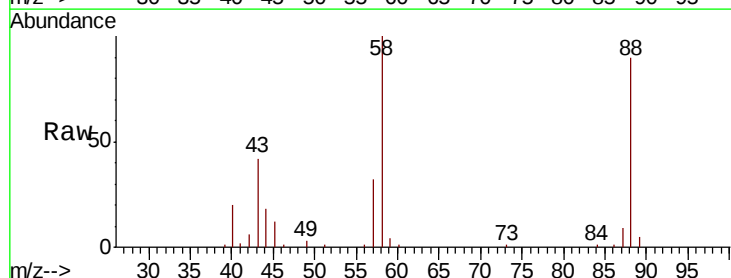
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



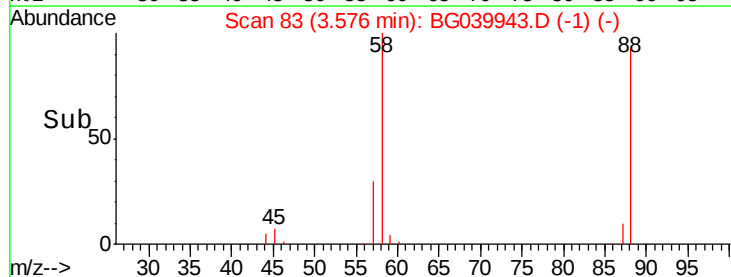
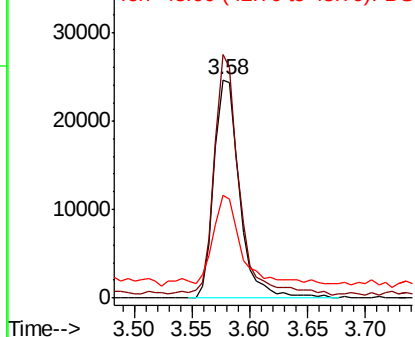
#2

1,4-Dioxane
Concen: 36.110 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion: 88 Resp: 37947
Ion Ratio Lower Upper
88 100
58 105.4 81.1 121.7
43 43.7 31.4 47.0



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





#3

Pyridine

Concen: 35.366 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

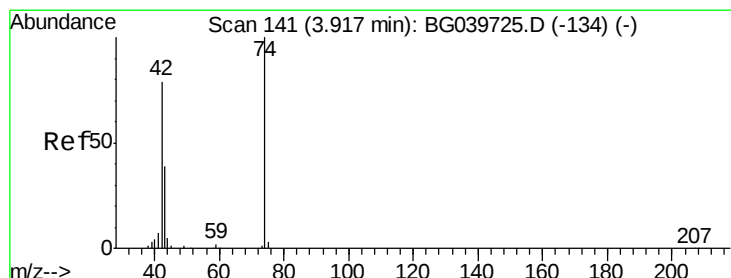
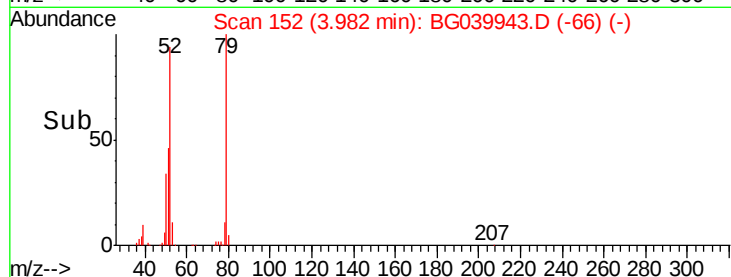
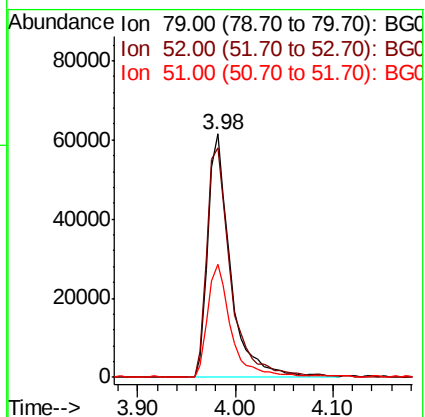
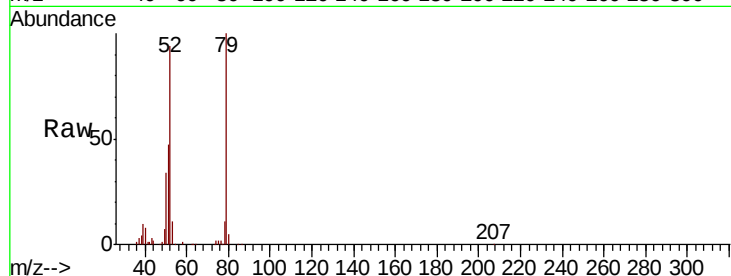
Tgt Ion: 79 Resp: 99497

Ion Ratio Lower Upper

79 100

52 94.2 82.6 124.0

51 46.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.760 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

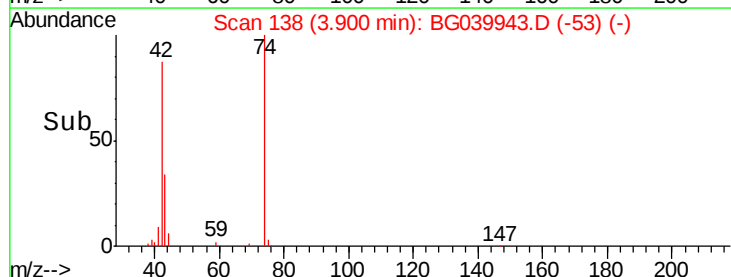
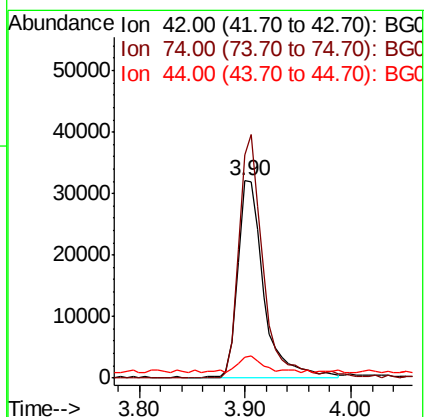
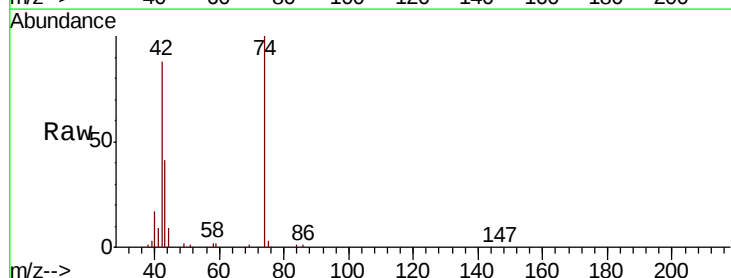
Tgt Ion: 42 Resp: 54401

Ion Ratio Lower Upper

42 100

74 113.5 83.6 125.4

44 10.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 141.482 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

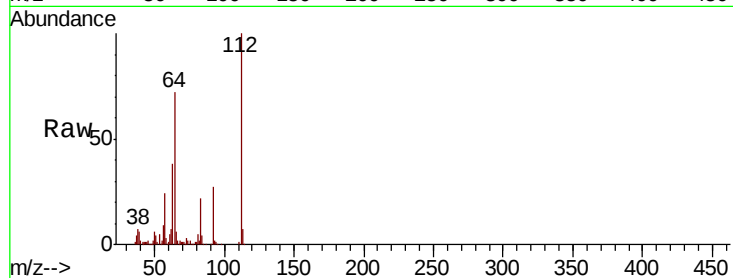
Tgt Ion:112 Resp: 322049

Ion Ratio Lower Upper

112 100

64 71.7 57.8 86.8

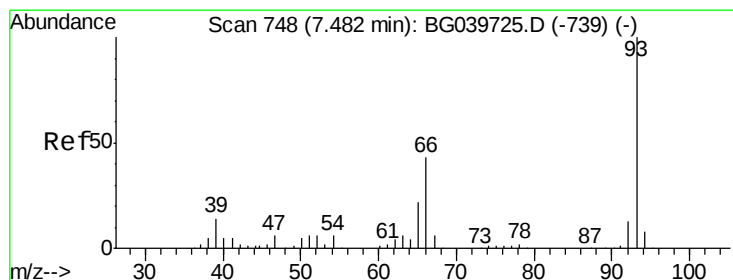
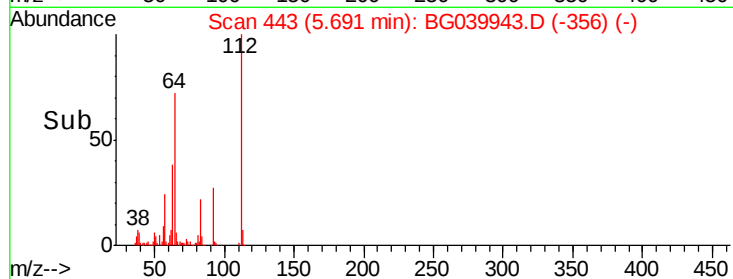
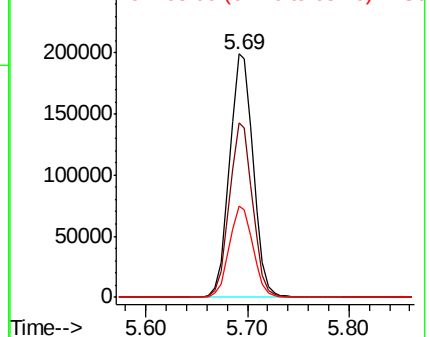
63 37.6 29.8 44.6



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: 27.924 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

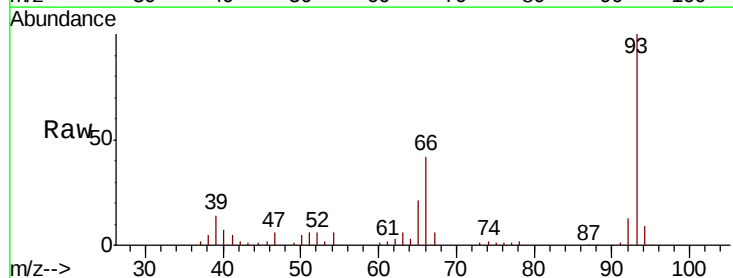
Tgt Ion: 93 Resp: 124166

Ion Ratio Lower Upper

93 100

66 41.9 34.2 51.4

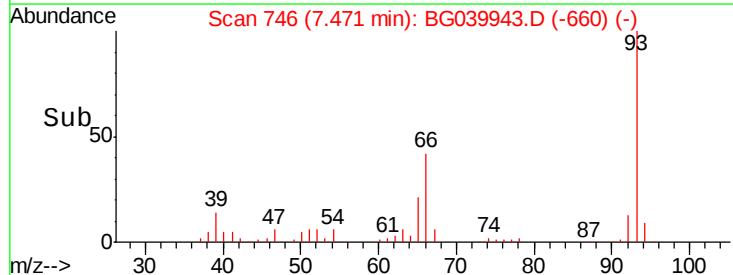
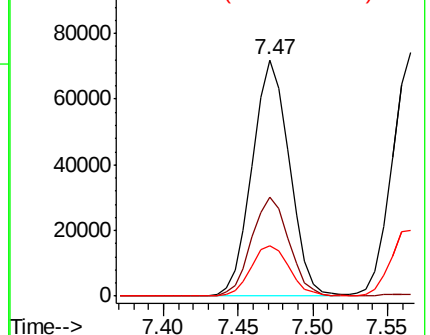
65 21.4 17.7 26.5



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: 132.867 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

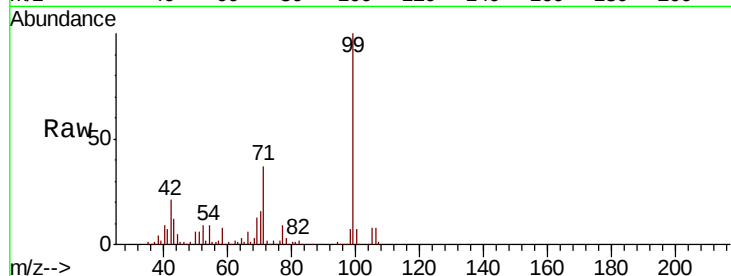
Tgt Ion: 99 Resp: 450953

Ion Ratio Lower Upper

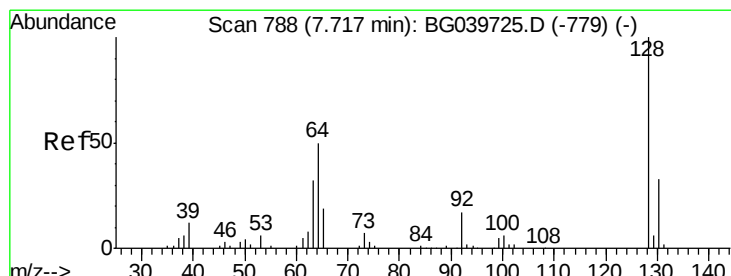
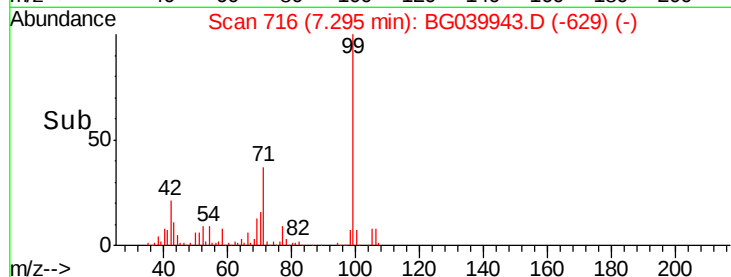
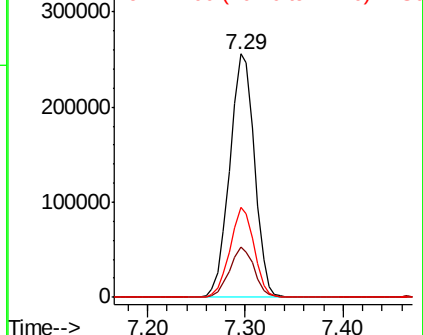
99 100

42 20.9 18.2 27.2

71 37.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.350 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

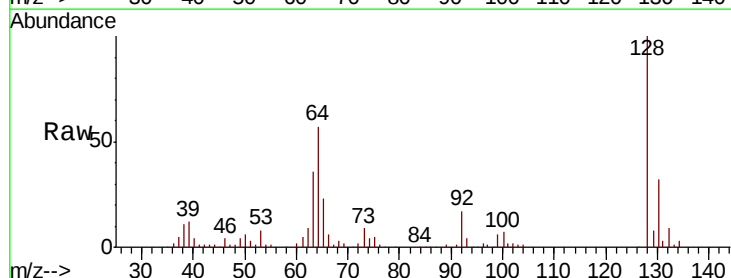
Tgt Ion: 128 Resp: 116950

Ion Ratio Lower Upper

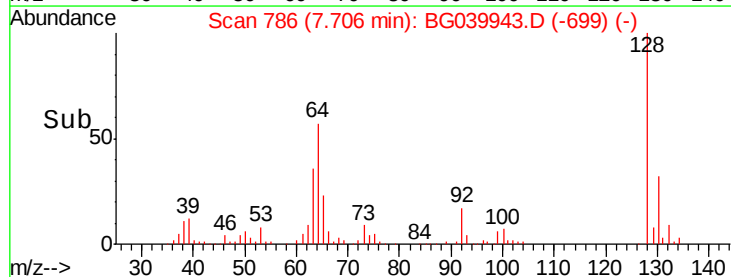
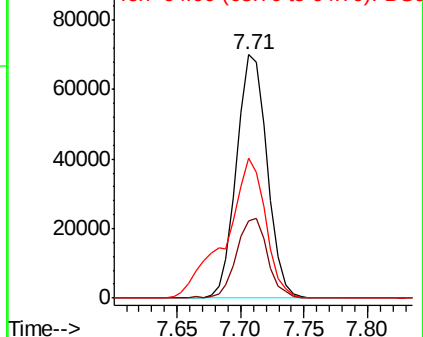
128 100

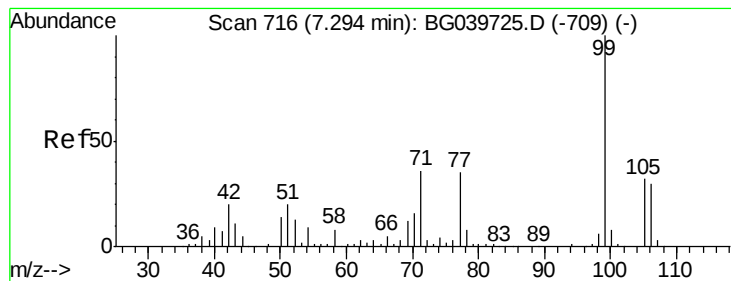
130 32.0 12.9 52.9

64 57.4 38.7 78.7



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





#9

Benzaldehyde

Concen: 22.403 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

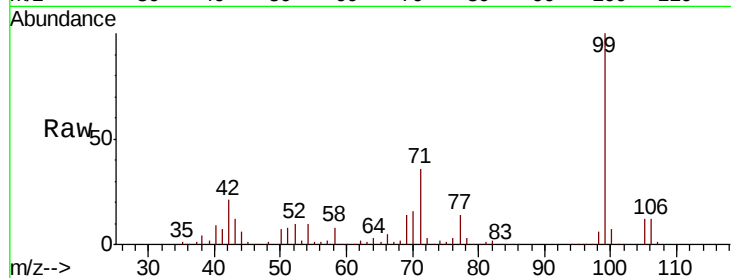
Tgt Ion: 77 Resp: 49047

Ion Ratio Lower Upper

77 100

105 90.5 74.5 114.5

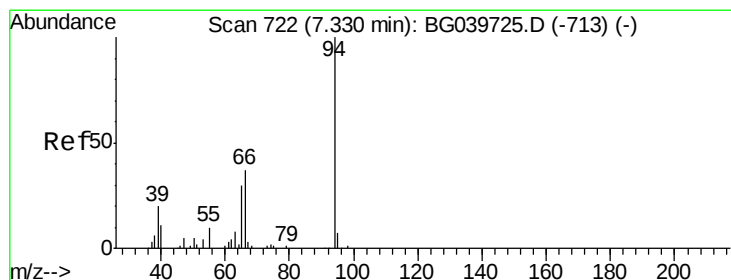
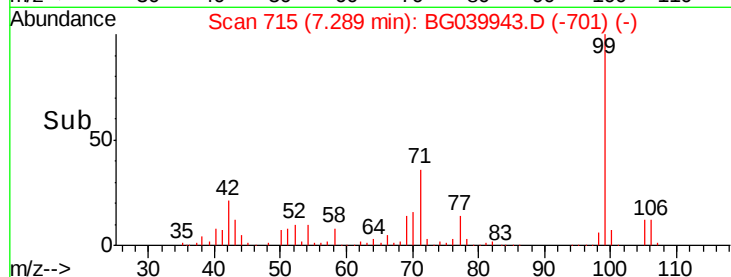
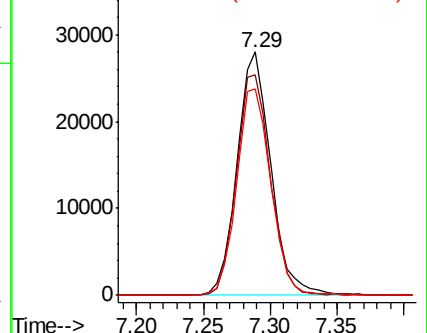
106 85.0 68.0 108.0



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: 42.277 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

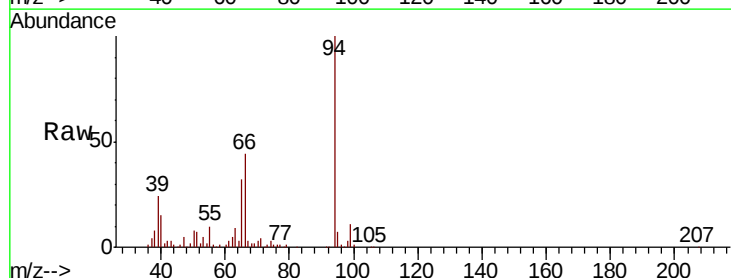
Tgt Ion: 94 Resp: 155445

Ion Ratio Lower Upper

94 100

65 32.0 11.7 51.7

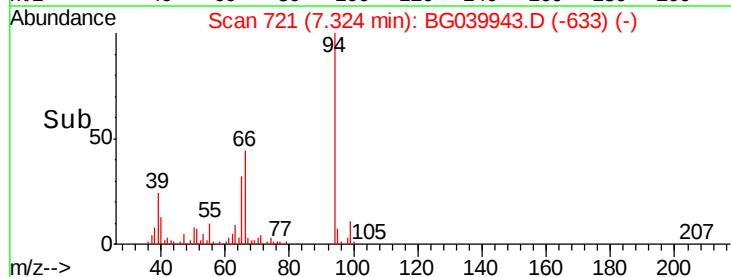
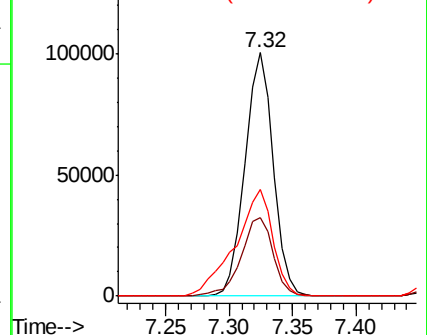
66 43.7 23.7 63.7

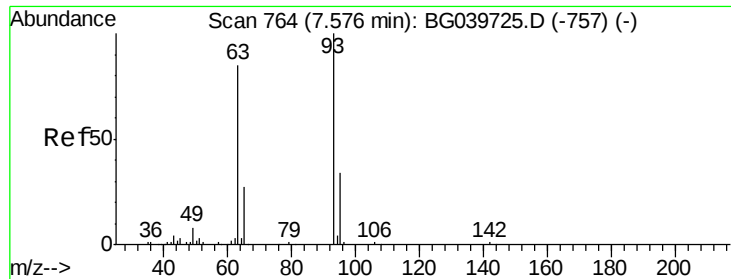


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.318 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

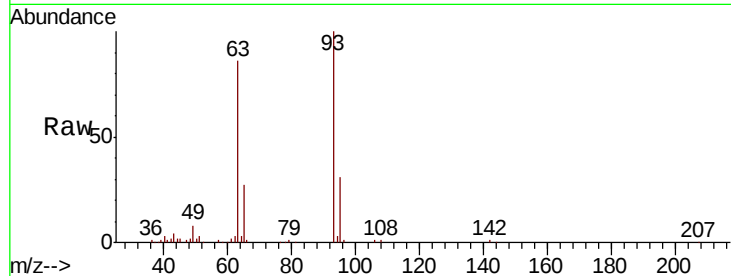
Tgt Ion: 93 Resp: 112713

Ion Ratio Lower Upper

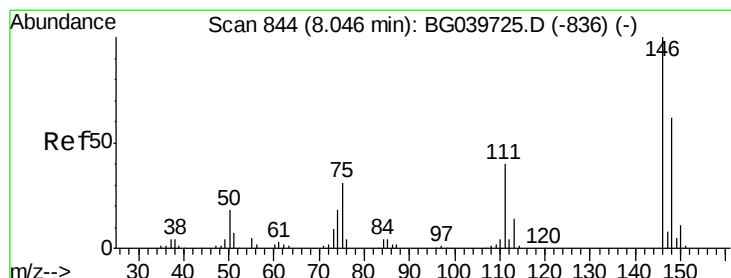
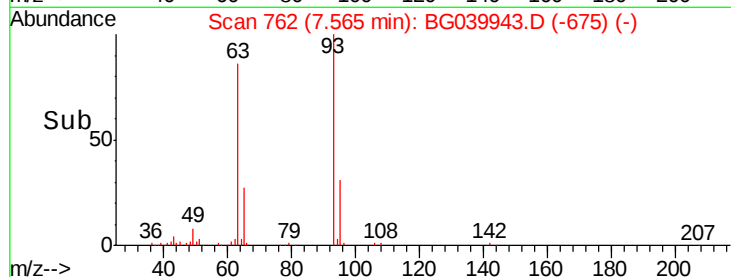
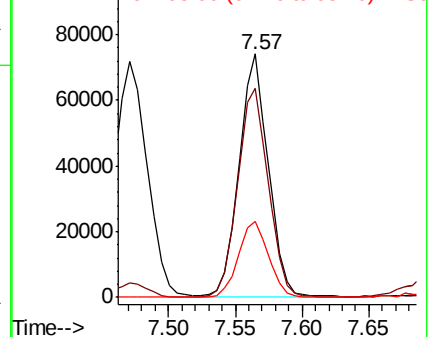
93 100

63 85.9 69.5 109.5

95 30.9 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: 39.635 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

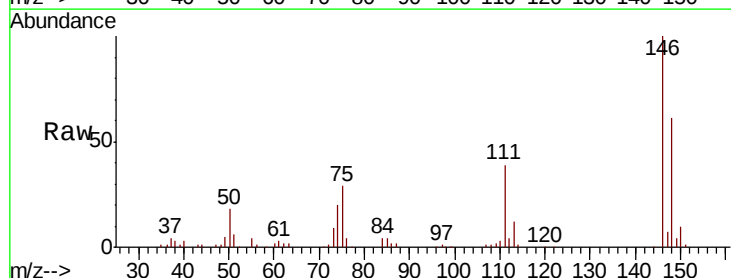
Tgt Ion: 146 Resp: 123787

Ion Ratio Lower Upper

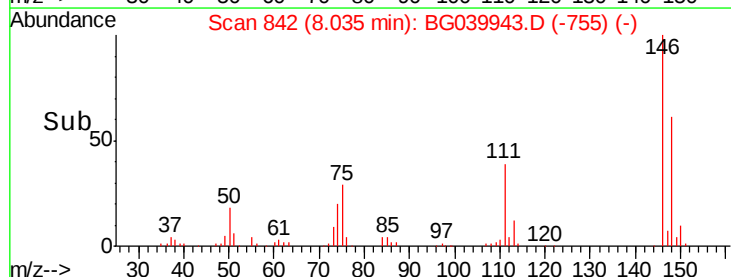
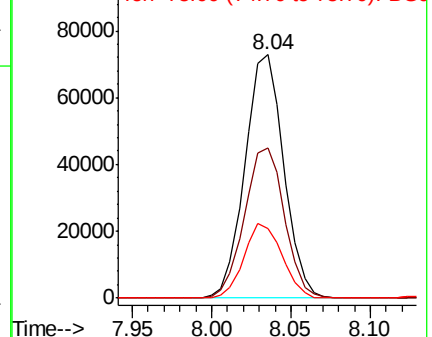
146 100

148 61.5 52.6 79.0

75 28.6 25.8 38.6



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

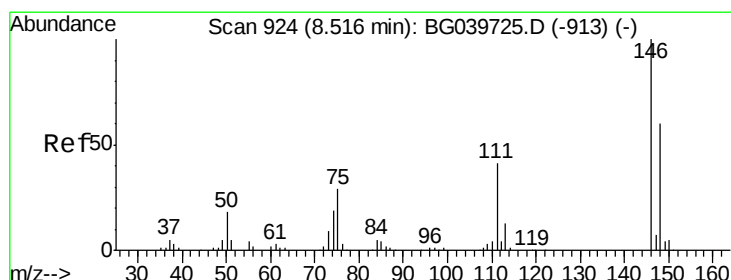
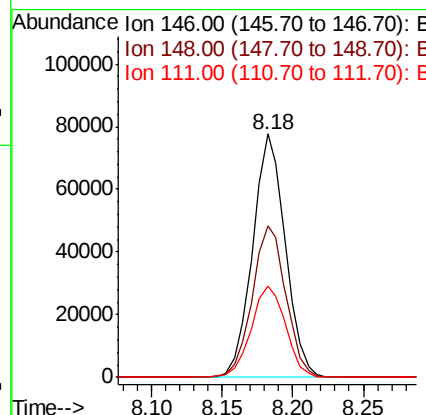
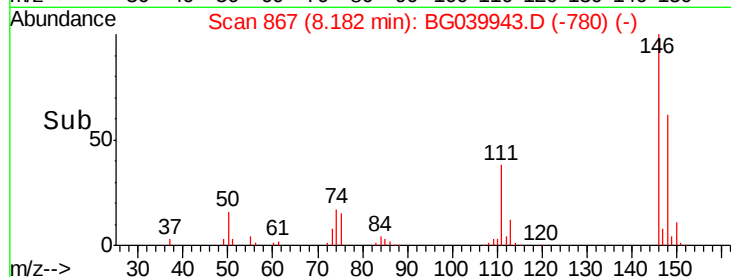
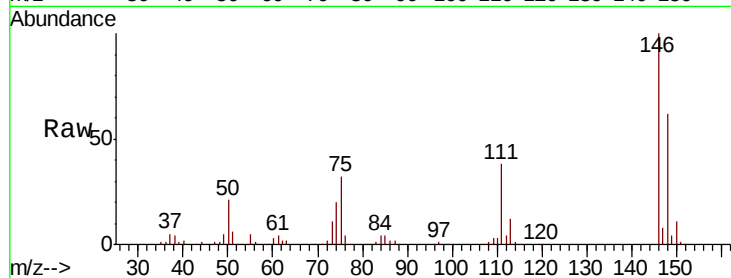




#13
 1,4-Dichlorobenzene
 Concen: 39.621 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

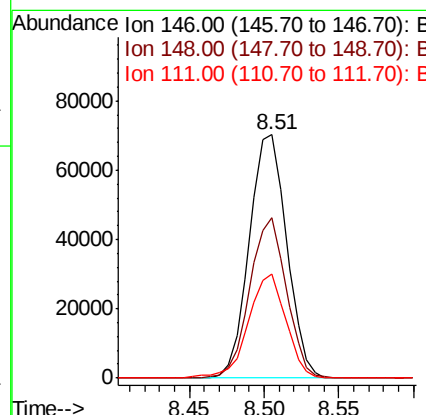
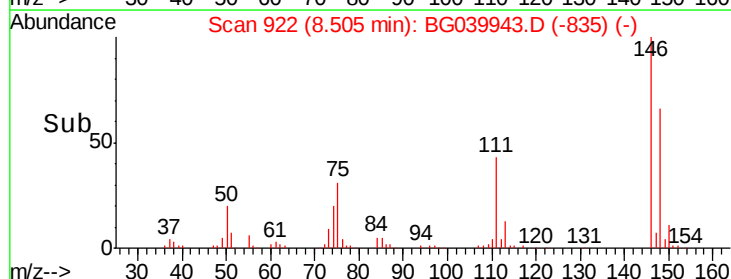
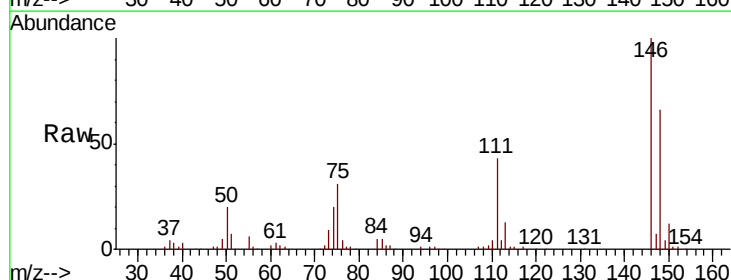
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tgt Ion:146 Resp: 126045
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.1 76.7
 111 37.7 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 39.633 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion:146 Resp: 121820
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.5 77.3
 111 42.9 33.8 50.6





#15

Benzyl Alcohol

Concen: 42.389 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

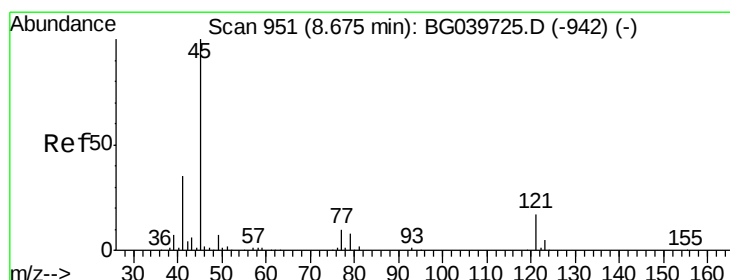
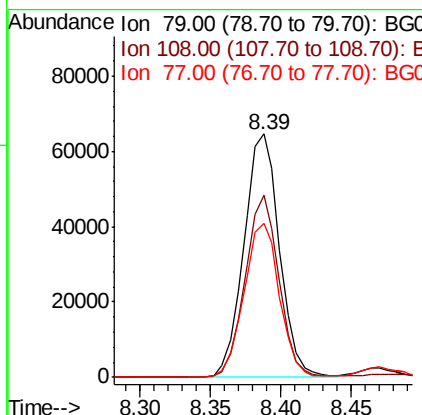
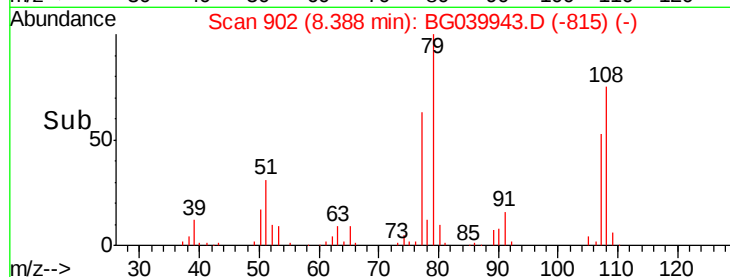
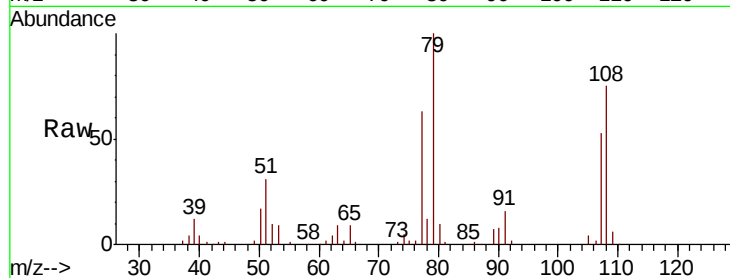
Tgt Ion: 79 Resp: 114125

Ion Ratio Lower Upper

79 100

108 75.1 57.8 86.6

77 63.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.746 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

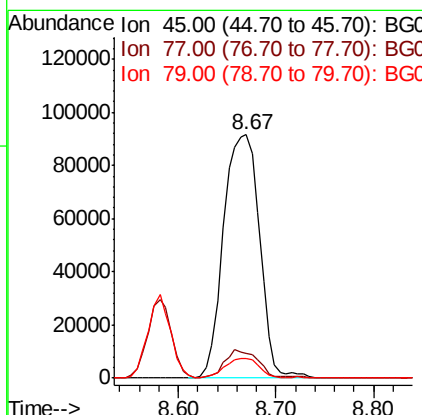
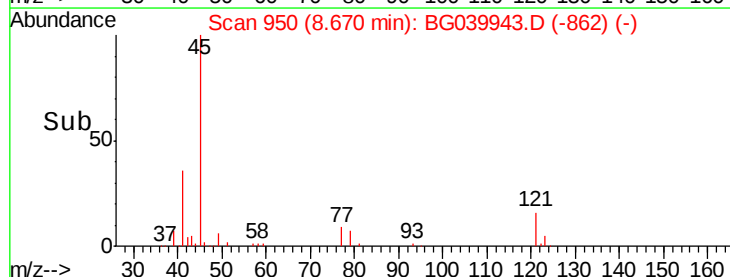
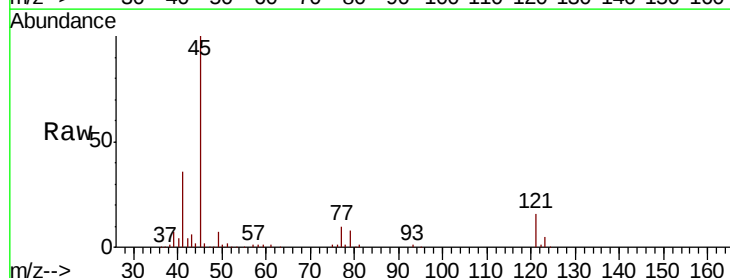
Tgt Ion: 45 Resp: 233613

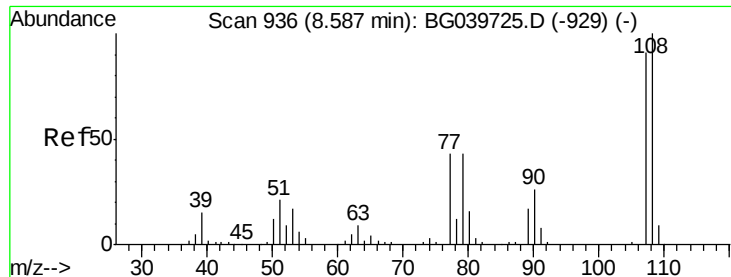
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 7.8 0.0 27.5

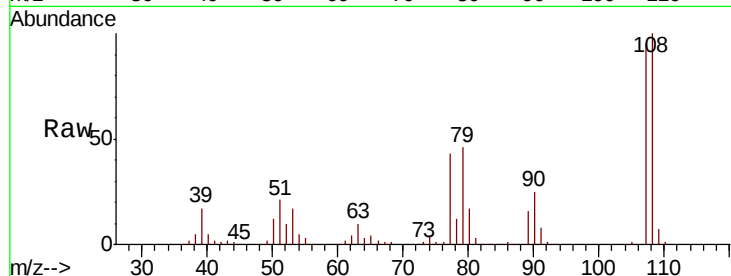




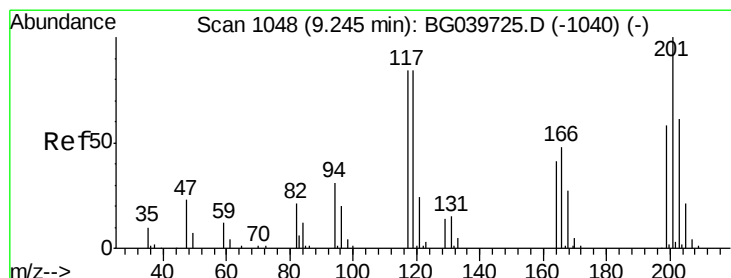
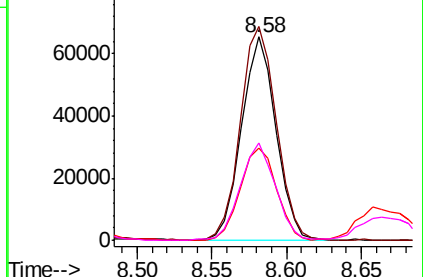
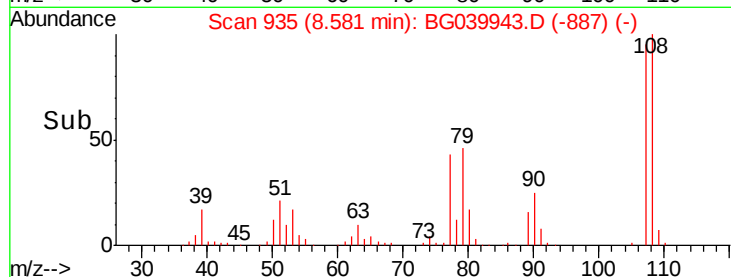
#17
2-Methylphenol
Concen: 44.606 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion:107 Resp: 104578
Ion Ratio Lower Upper
107 100
108 105.0 90.8 136.2
77 45.4 40.7 61.1
79 47.8 40.6 60.8

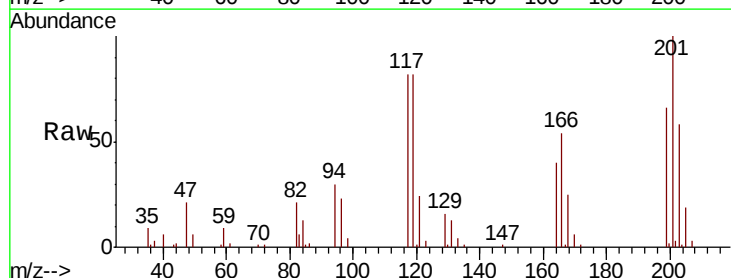


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

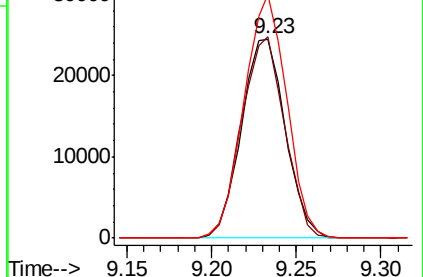
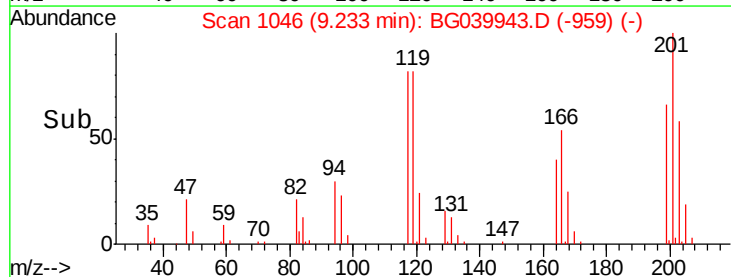


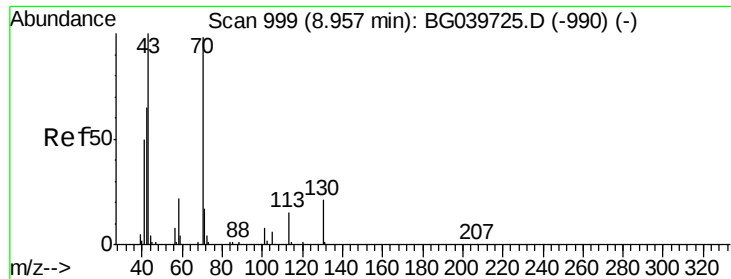
#18
Hexachloroethane
Concen: 38.818 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:117 Resp: 44310
Ion Ratio Lower Upper
117 100
119 100.9 76.3 114.5
201 122.3 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

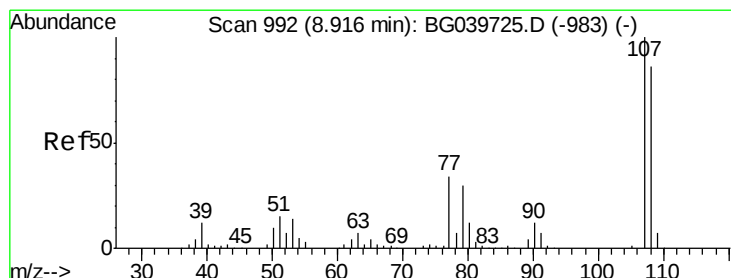
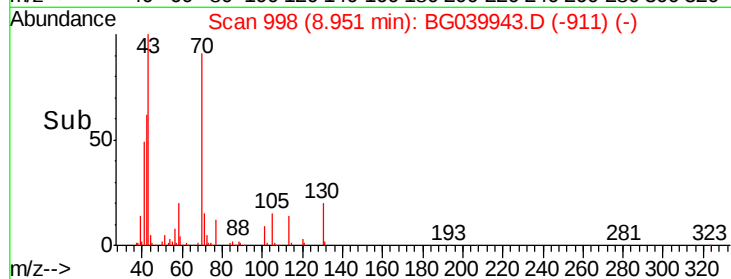
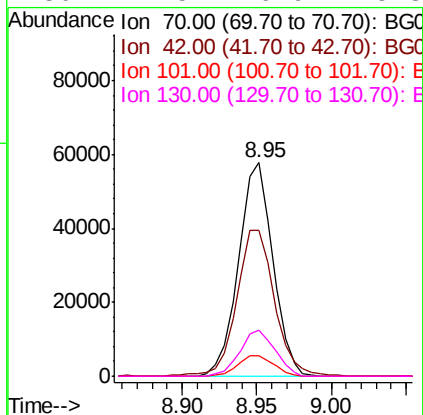
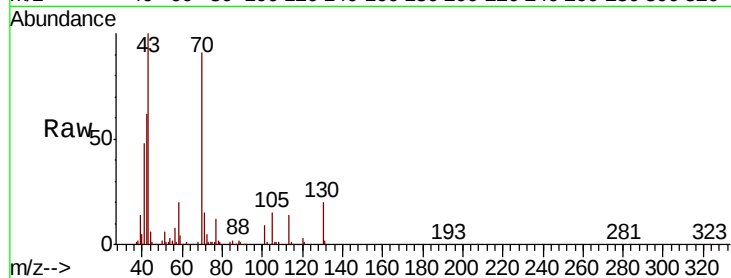




#19
n-Nitroso-di-n-propylamine
Concen: 37.672 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

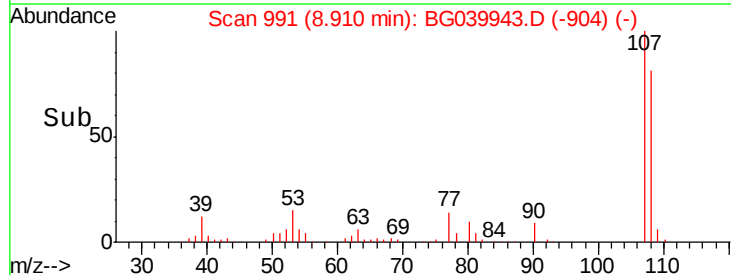
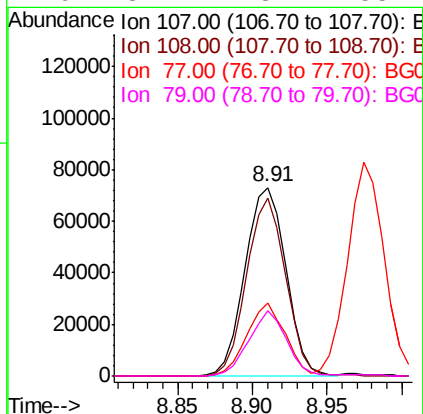
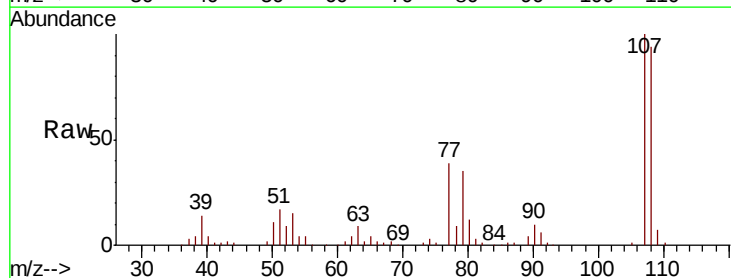
Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion:	70	Resp:	92029
Ion	Ratio	Lower	Upper
70	100		
42	68.4	60.4	90.6
101	9.9	7.5	11.3
130	21.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 42.665 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:	107	Resp:	138959
Ion	Ratio	Lower	Upper
107	100		
108	94.0	67.9	107.9
77	38.8	15.4	55.4
79	34.7	13.7	53.7

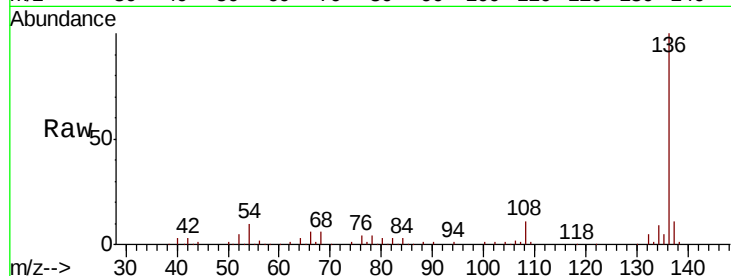




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion:	136	Resp:	169638
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.9	9.4	14.2
68	5.7	4.2	6.4



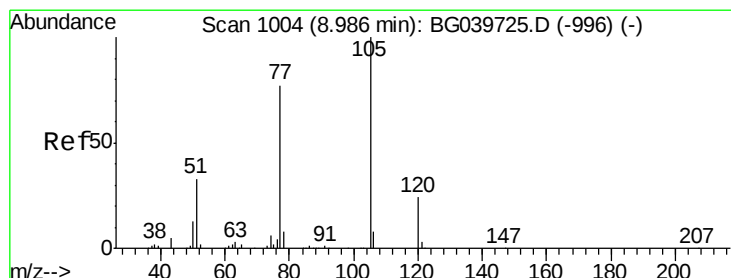
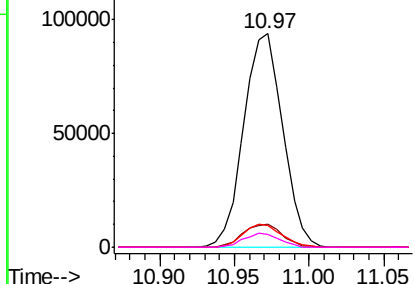
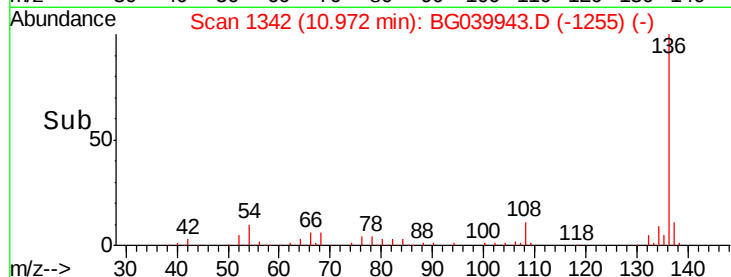
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

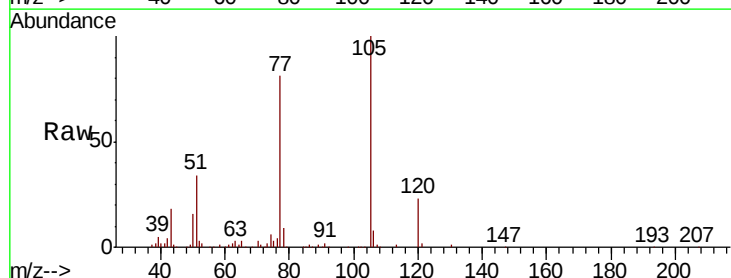
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.384 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:	105	Resp:	174765
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.8	1.2#
51	34.0	30.2	45.2
120	23.0	18.0	27.0



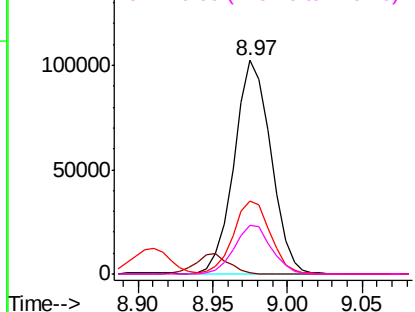
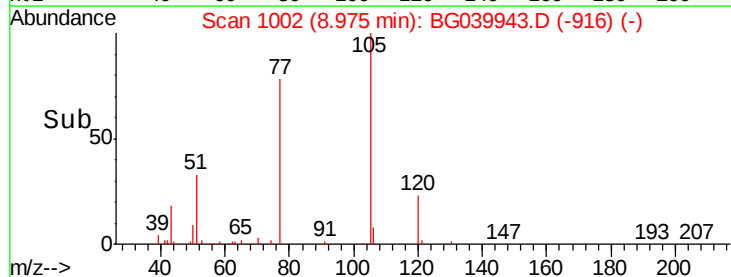
Abundance

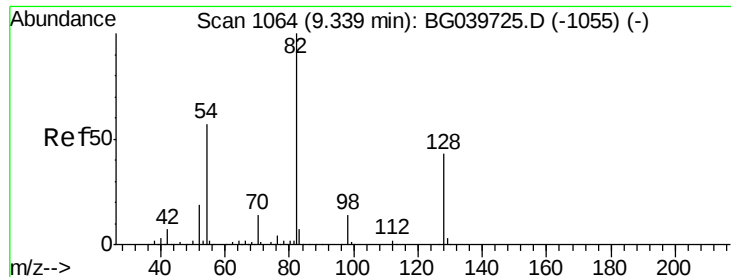
Ion 105.00 (104.70 to 105.70): E

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

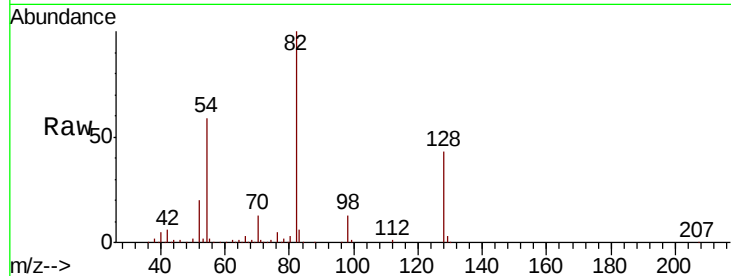




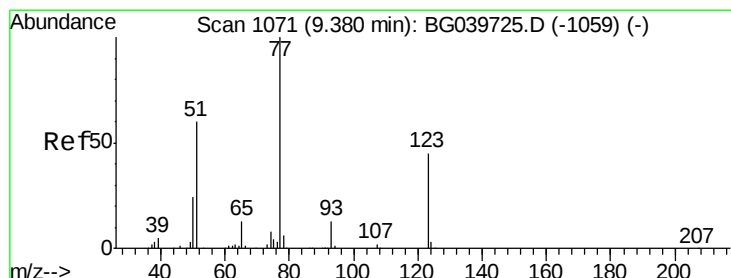
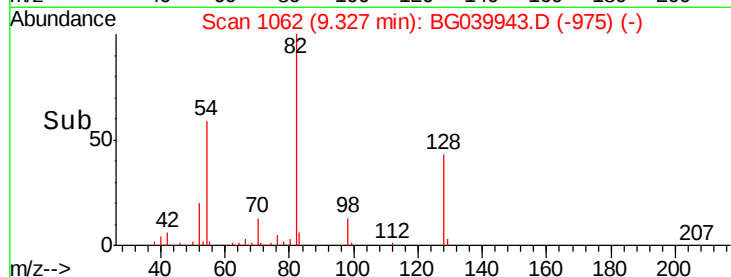
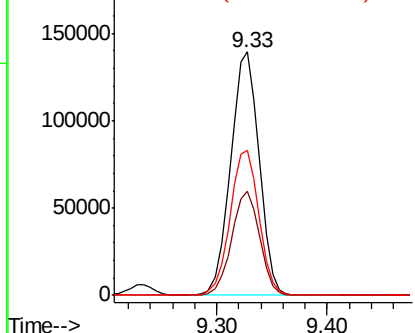
#23
 Nitrobenzene-d5
 Concen: 80.590 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.3	46.9
54	59.4	50.9	76.3

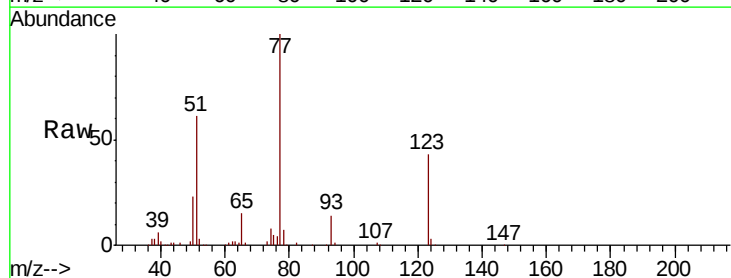


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

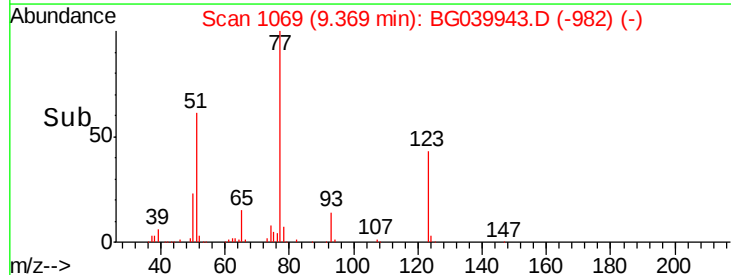
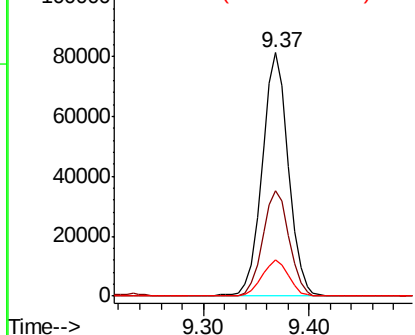


#24
 Nitrobenzene
 Concen: 42.394 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	34.1	51.1
65	14.9	12.3	18.5



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





#25

Isophorone

Concen: 40.333 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

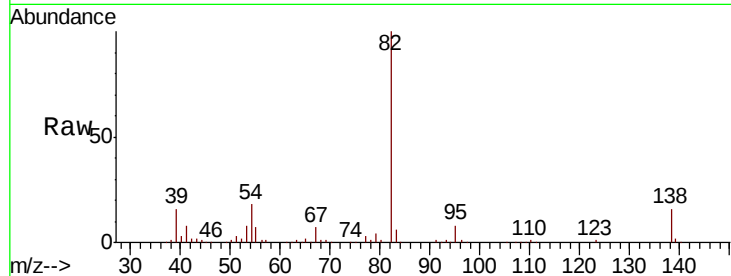
Tgt Ion: 82 Resp: 265073

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.2

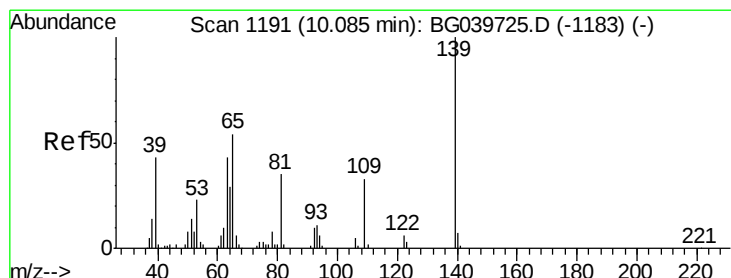
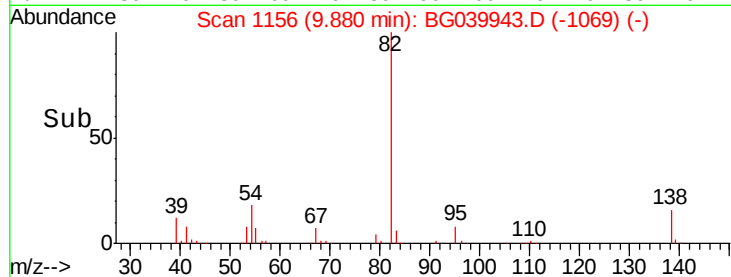
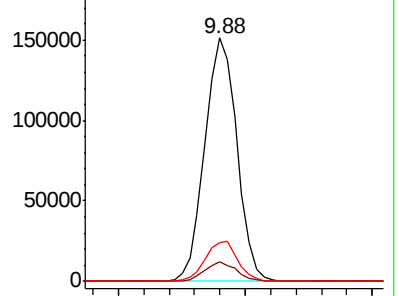
138 15.7 13.0 19.4



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

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

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



#26

2-Nitrophenol

Concen: 42.168 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

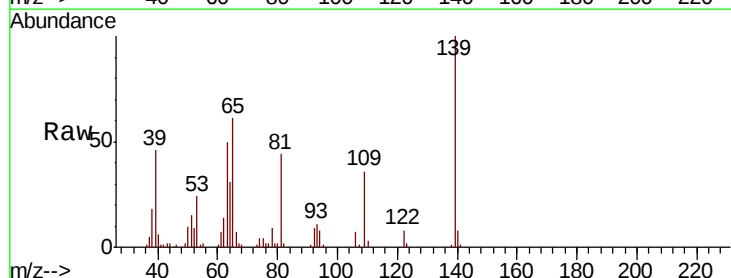
Tgt Ion: 139 Resp: 66992

Ion Ratio Lower Upper

139 100

109 36.4 23.4 35.0#

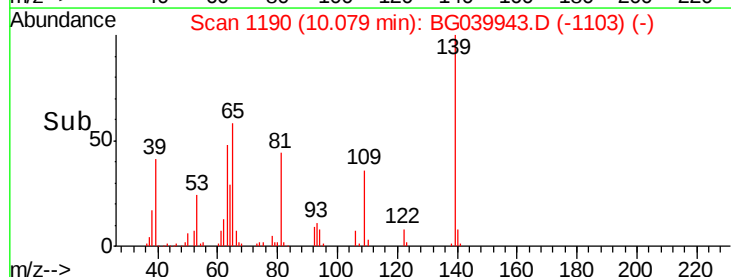
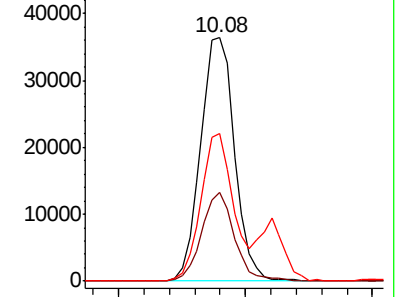
65 60.5 44.3 66.5



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

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

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

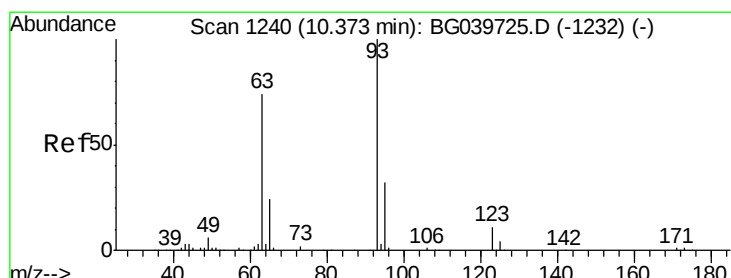
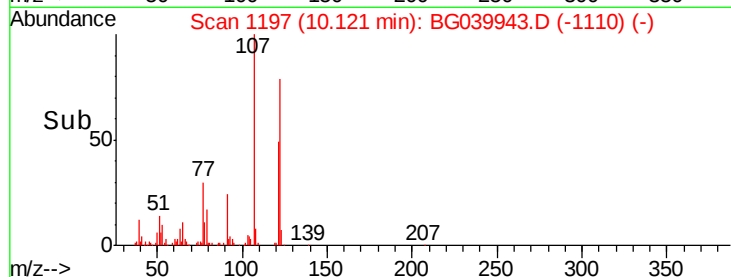
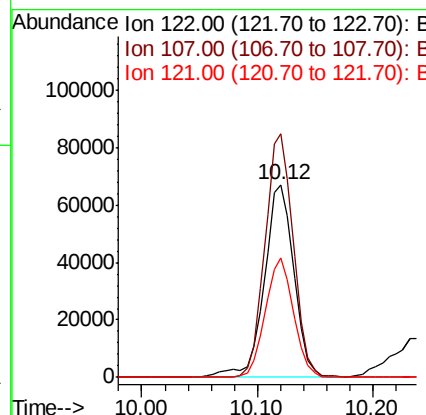
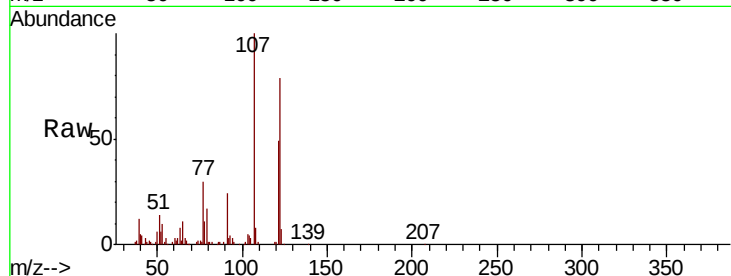




#27
2,4-Dimethylphenol
Concen: 48.527 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

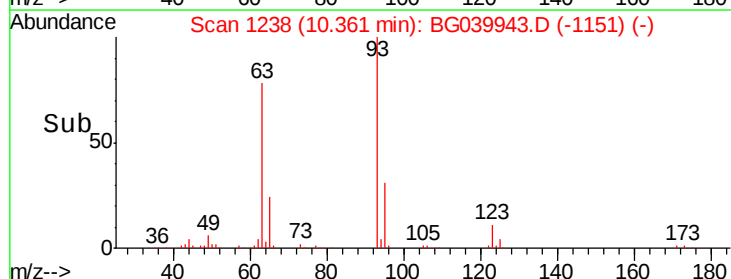
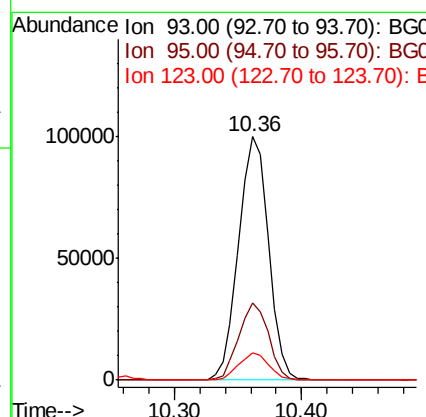
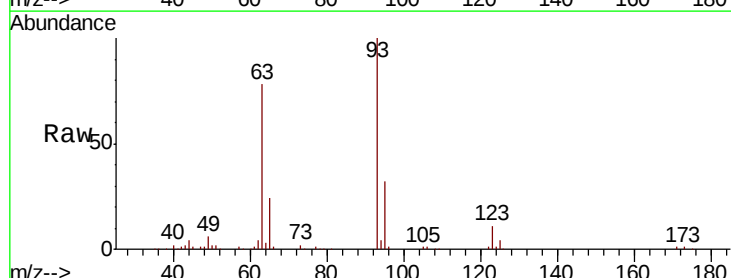
Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion: 122 Resp: 119903
Ion Ratio Lower Upper
122 100
107 126.2 91.7 137.5
121 61.9 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.734 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion: 93 Resp: 162687
Ion Ratio Lower Upper
93 100
95 31.9 25.0 37.4
123 11.2 8.6 12.8

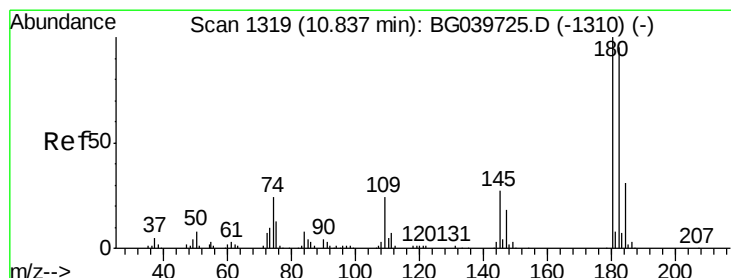
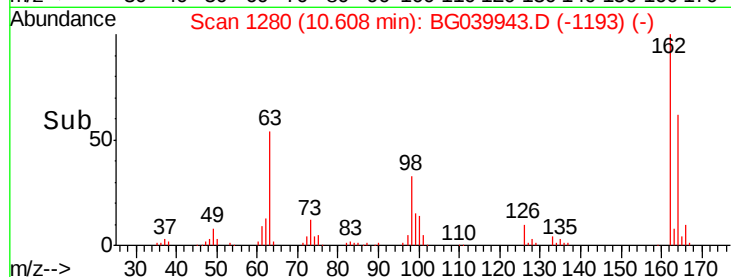
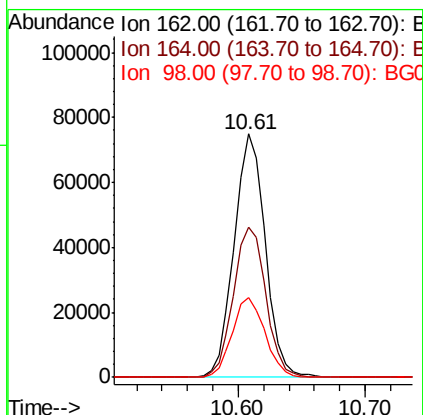
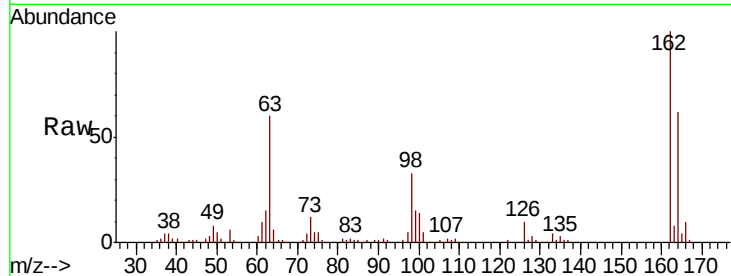




#29
 2,4-Dichlorophenol
 Concen: 45.776 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

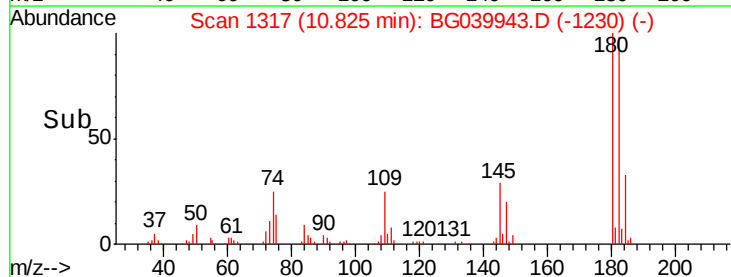
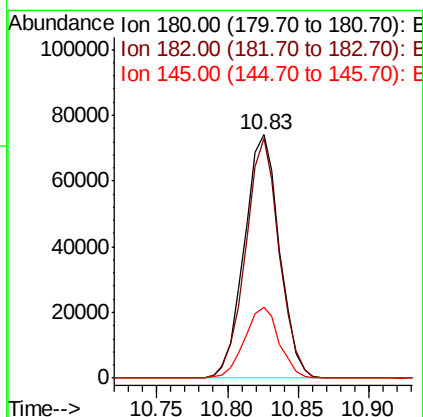
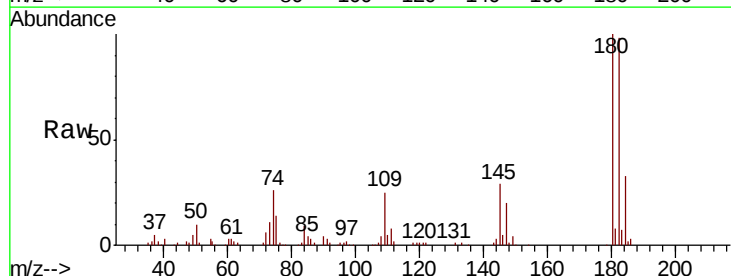
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.6	48.1	88.1
98	32.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.254 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.0	114.0
145	29.3	22.7	34.1

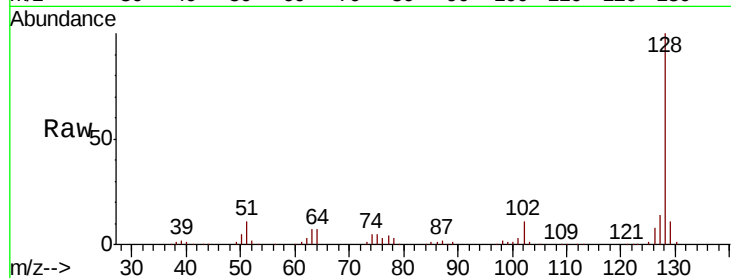




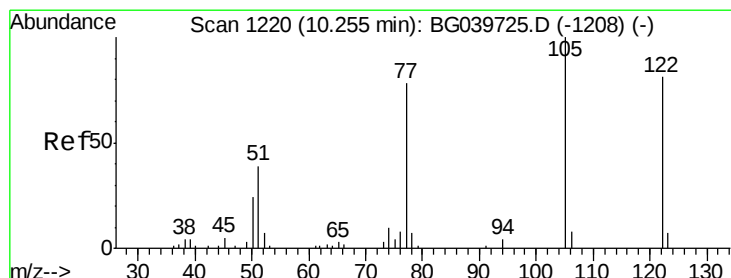
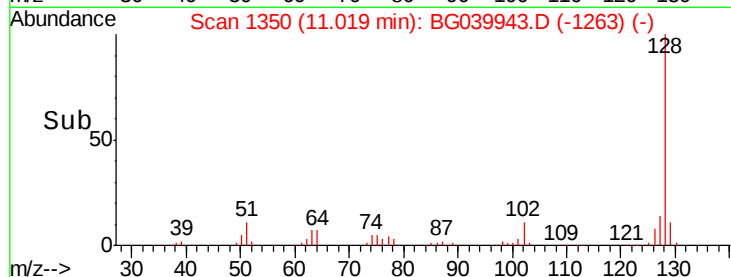
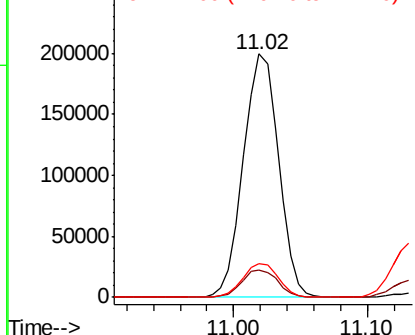
#31
Naphthalene
Concen: 40.558 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion:128 Resp: 364274
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.8 16.2

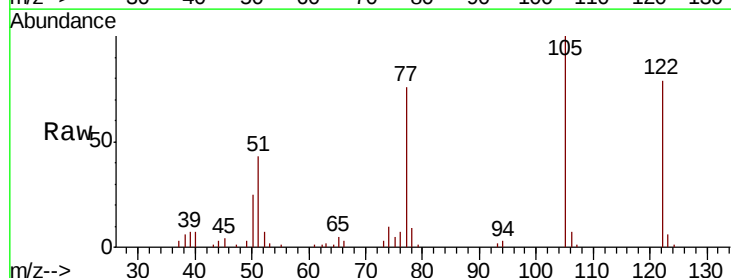


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

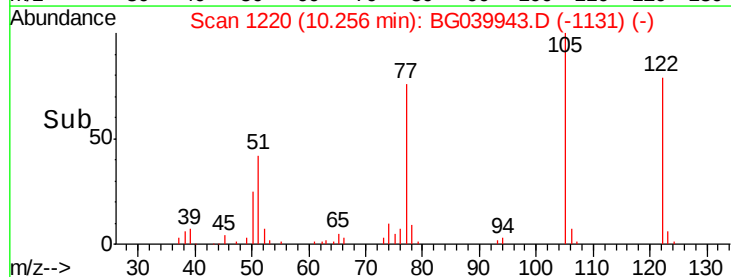
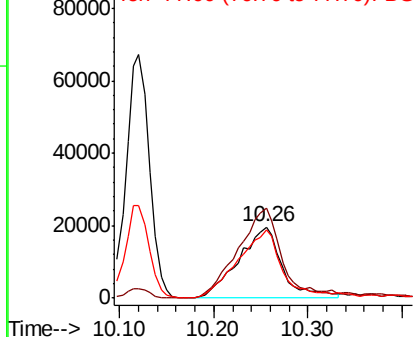


#32
Benzoic acid
Concen: 37.929 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:122 Resp: 61625
Ion Ratio Lower Upper
122 100
105 126.0 101.8 141.8
77 96.3 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

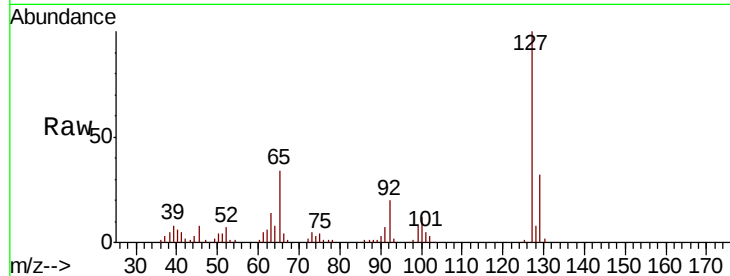




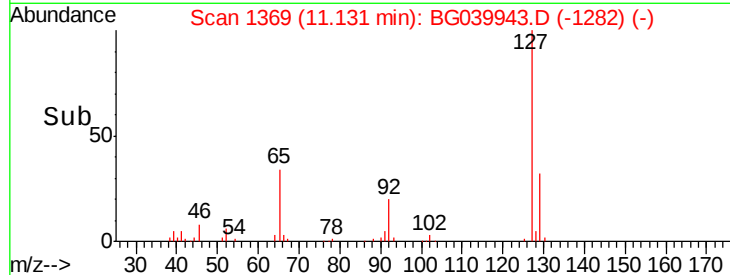
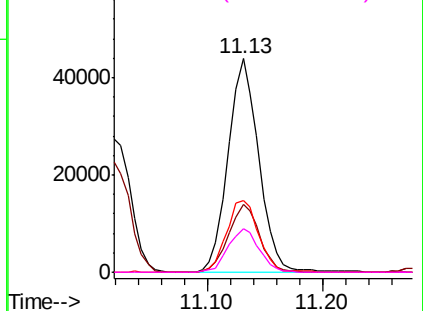
#33
4-Chloroaniline
Concen: 21.203 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion:	127	Resp:	80752
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.0	40.4
65	33.6	28.8	43.2
92	20.3	16.6	25.0

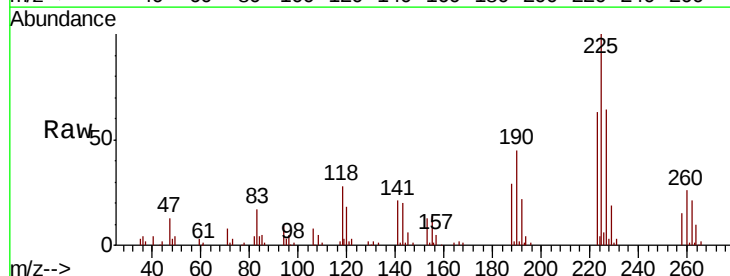


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

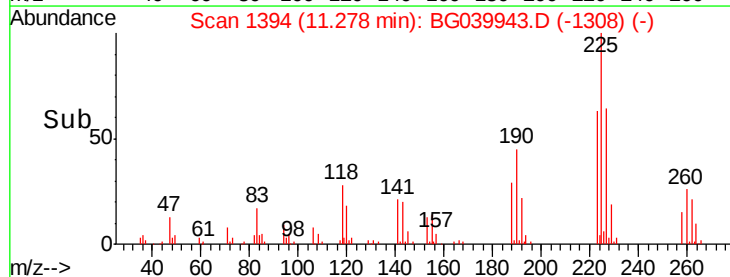
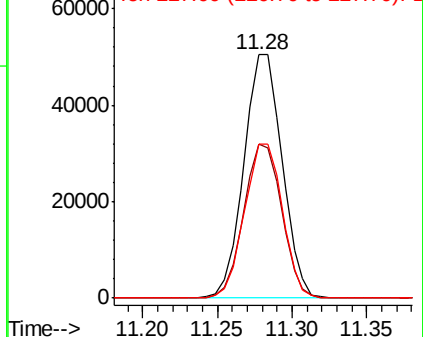


#34
Hexachlorobutadiene
Concen: 41.818 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:	225	Resp:	89454
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.0	73.6
227	63.5	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

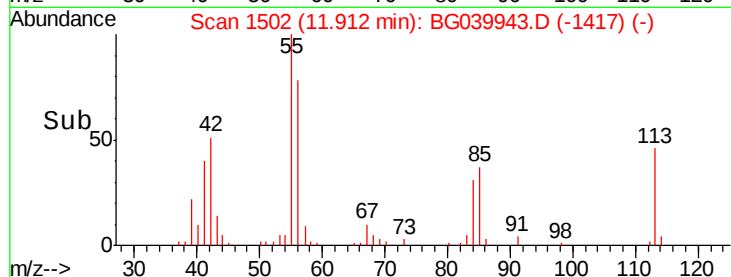
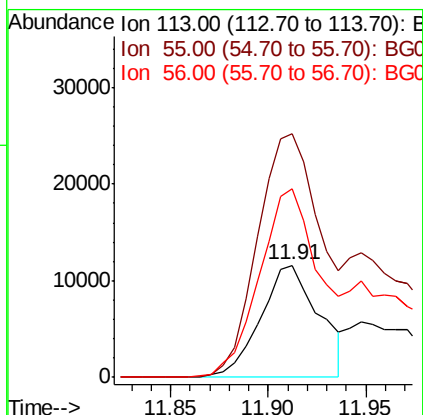
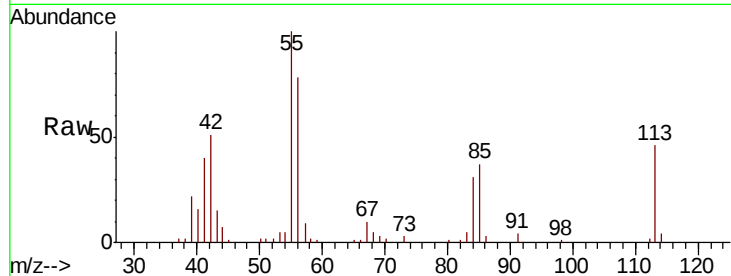




#35
 Caprolactam
 Concen: 22.635 ng
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

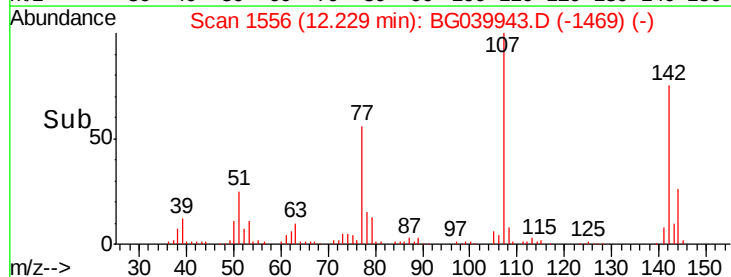
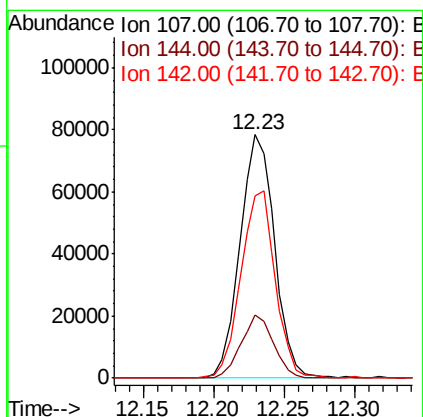
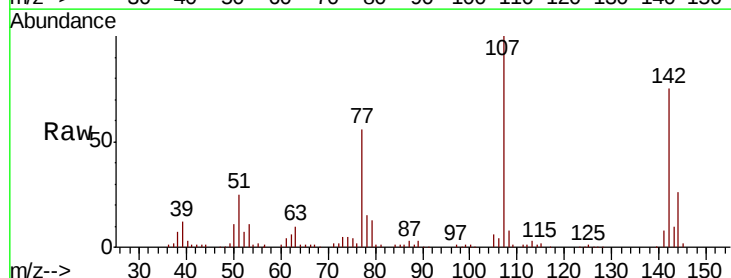
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

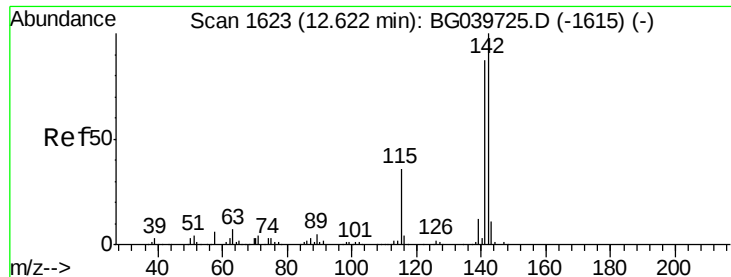
Tgt Ion:113 Resp: 24054
 Ion Ratio Lower Upper
 113 100
 55 217.1 216.9 256.9
 56 168.3 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.159 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion:107 Resp: 134444
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 74.9 61.4 92.2

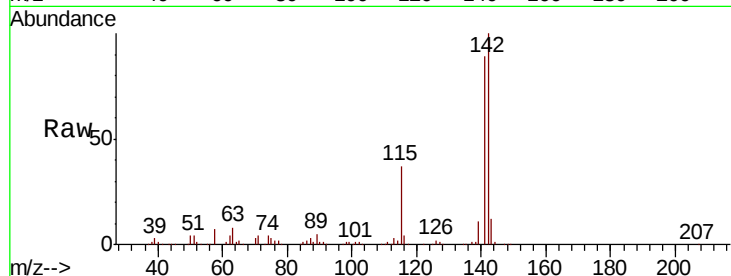




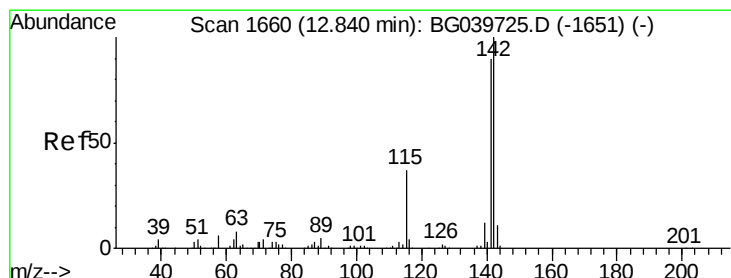
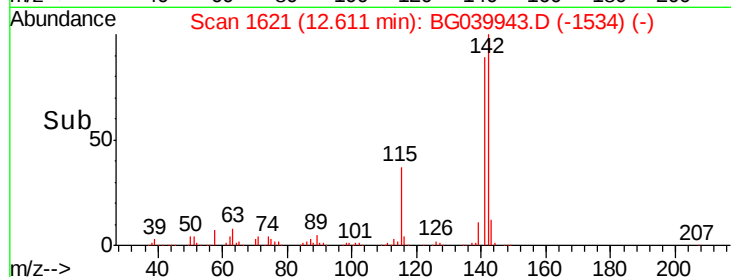
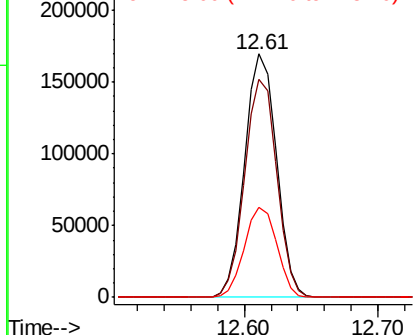
#37
 2-Methylnaphthalene
 Concen: 41.567 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tgt Ion:142 Resp: 279122
 Ion Ratio Lower Upper
 142 100
 141 89.4 73.5 110.3
 115 37.2 30.8 46.2

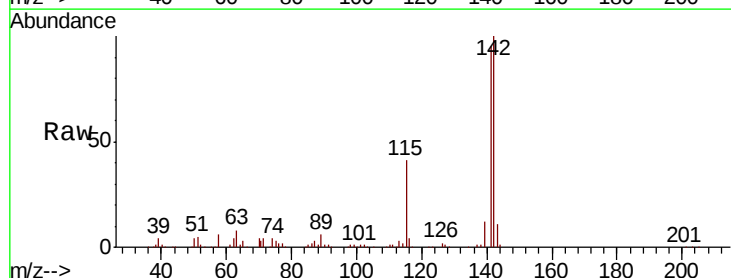


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

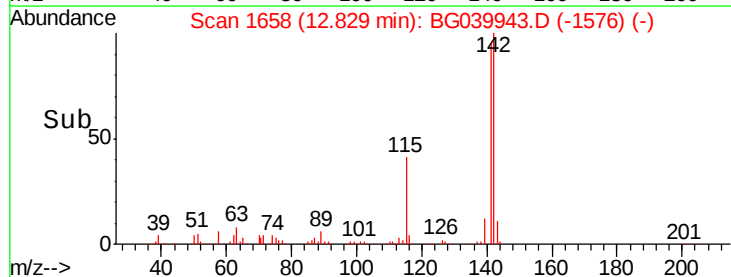
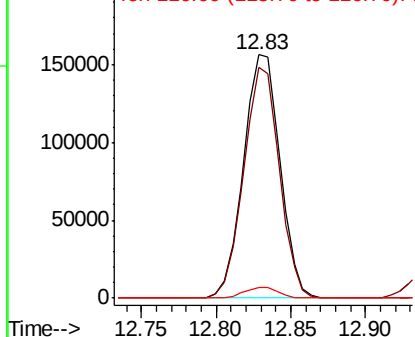


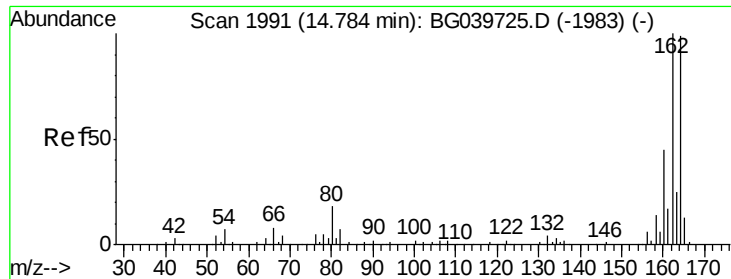
#38
 1-Methylnaphthalene
 Concen: 40.430 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion:142 Resp: 263831
 Ion Ratio Lower Upper
 142 100
 141 95.0 74.2 111.4
 116 4.2 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

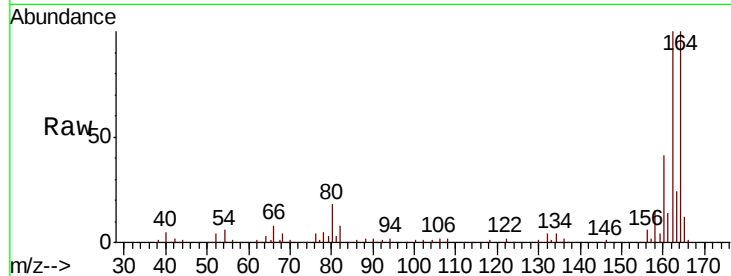
Tgt Ion:164 Resp: 109502

Ion Ratio Lower Upper

164 100

162 100.1 81.6 122.4

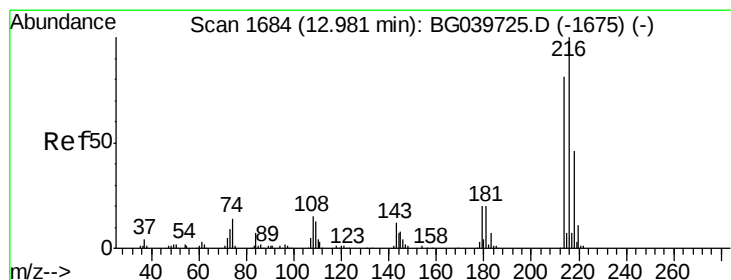
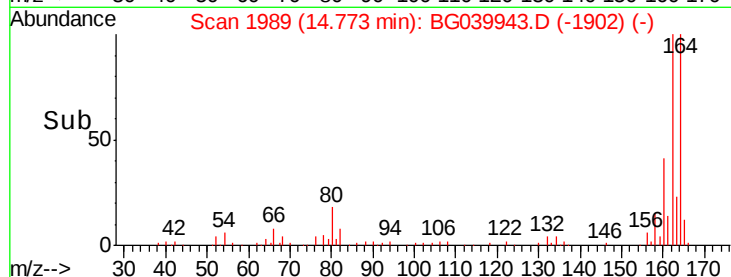
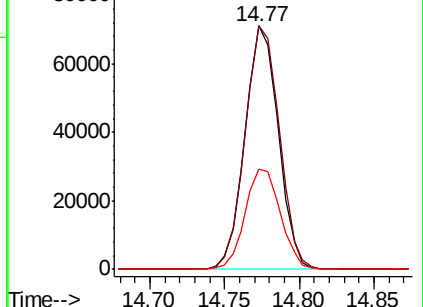
160 41.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.440 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:216 Resp: 157437

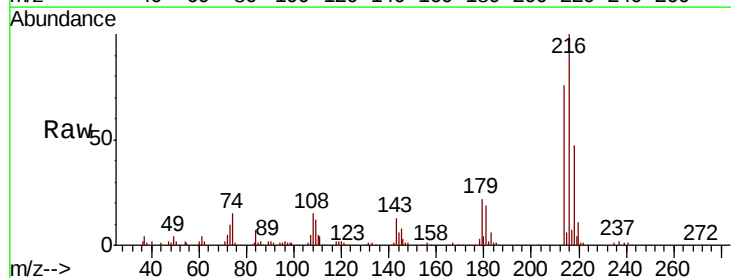
Ion Ratio Lower Upper

216 100

214 77.0 62.6 94.0

179 20.8 16.6 25.0

108 18.0 14.0 21.0

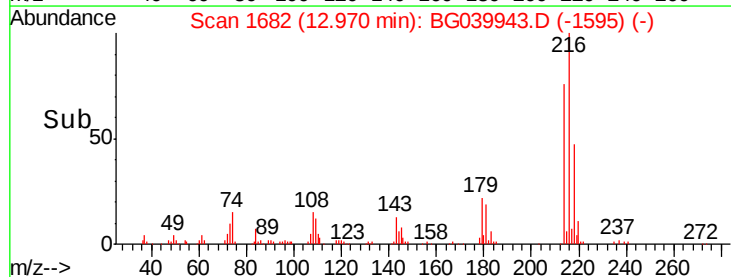
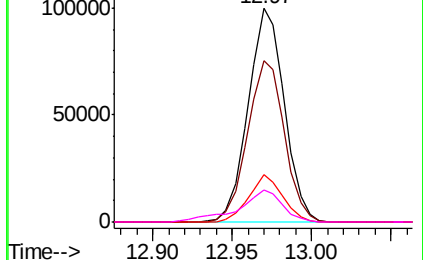


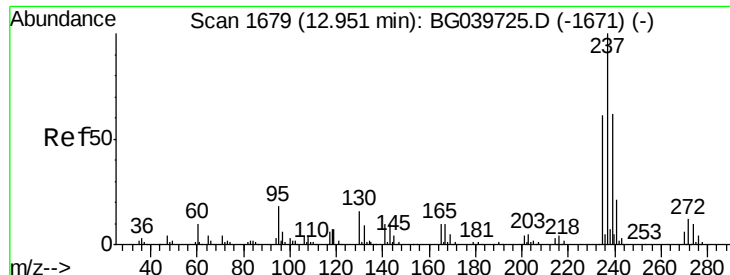
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

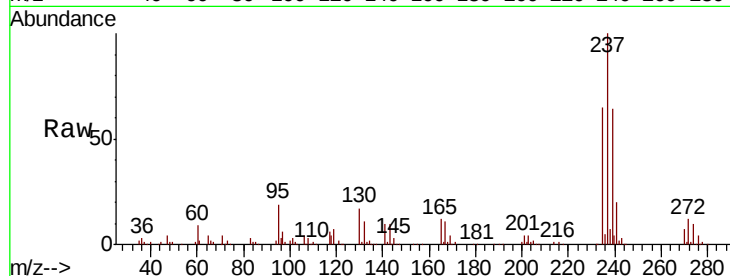




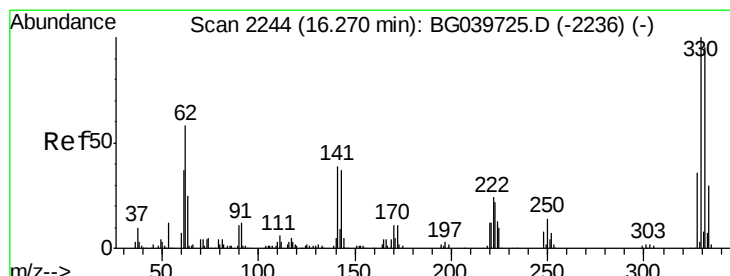
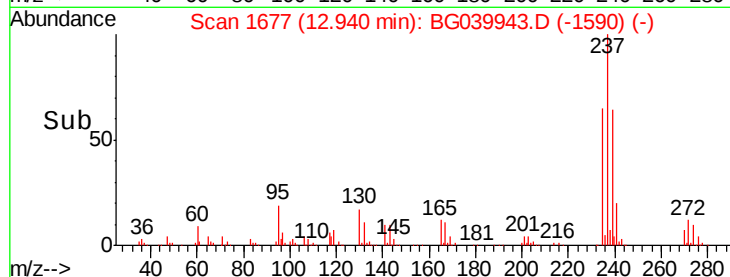
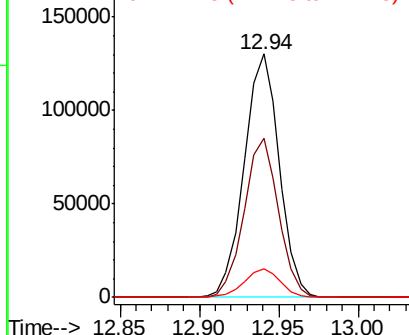
#41
Hexachlorocyclopentadiene
Concen: 100.412 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion: 237 Resp: 199621
Ion Ratio Lower Upper
237 100
235 65.4 43.3 83.3
272 11.7 0.0 32.3

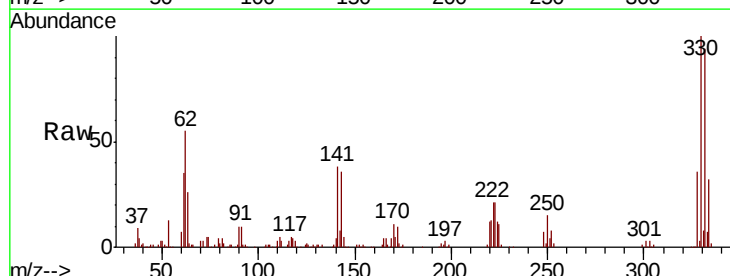


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

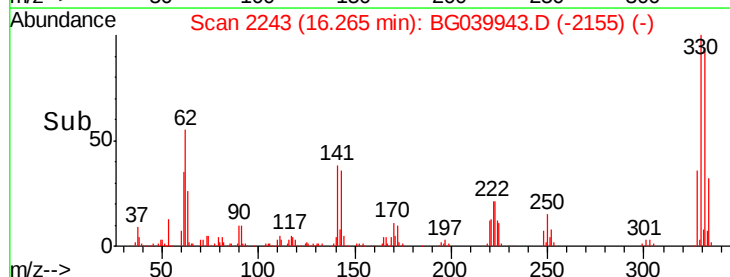
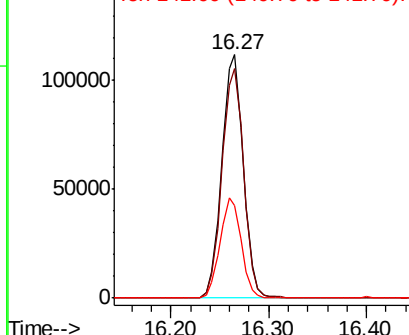


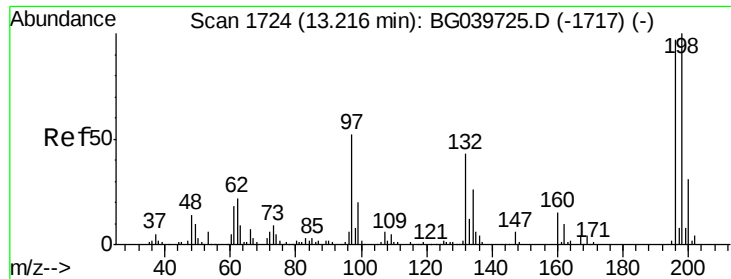
#42
2,4,6-Tribromophenol
Concen: 133.644 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion: 330 Resp: 170574
Ion Ratio Lower Upper
330 100
332 95.3 75.7 113.5
141 40.7 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

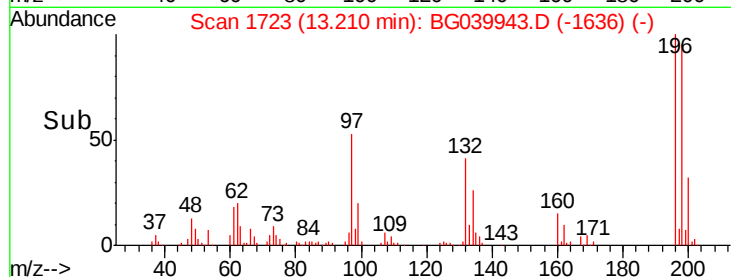
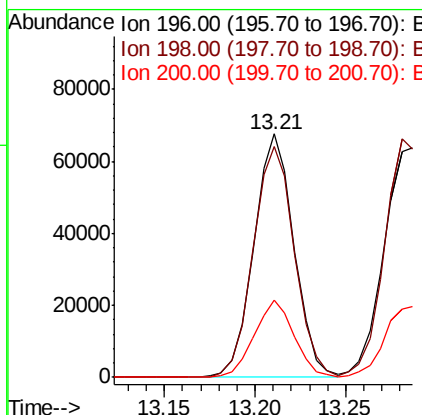
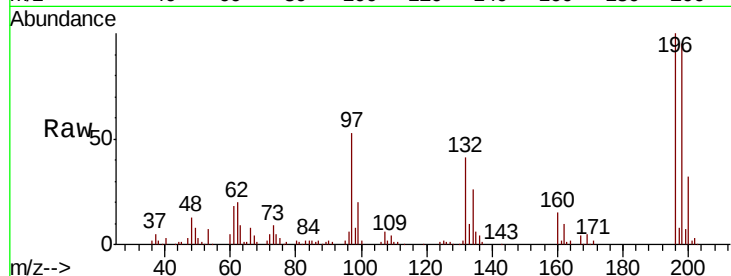




#43
 2,4,6-Trichlorophenol
 Concen: 48.062 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

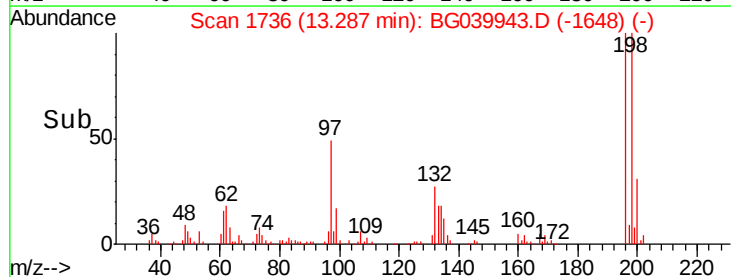
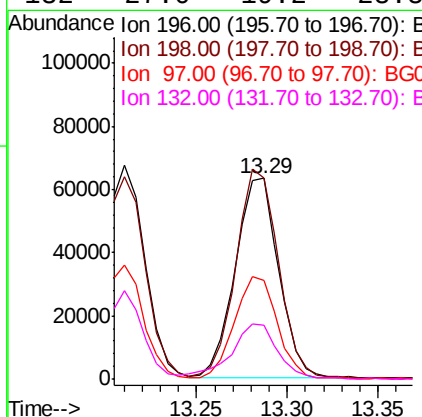
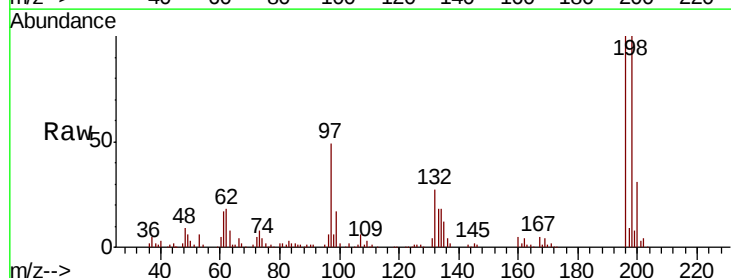
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

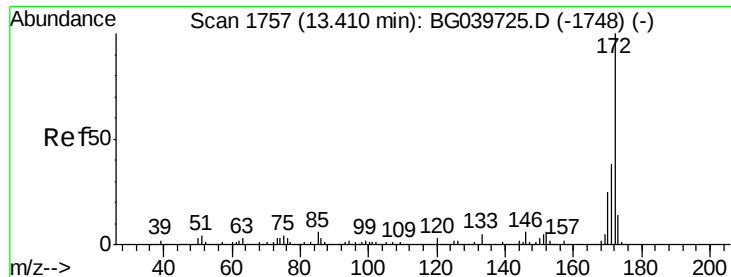
Tgt Ion:196 Resp: 104383
 Ion Ratio Lower Upper
 196 100
 198 94.9 80.6 121.0
 200 31.5 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.183 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion:196 Resp: 105713
 Ion Ratio Lower Upper
 196 100
 198 99.8 78.5 117.7
 97 49.0 38.4 57.6
 132 27.0 19.2 28.8

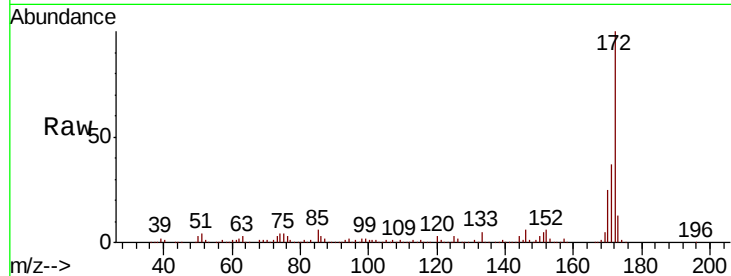




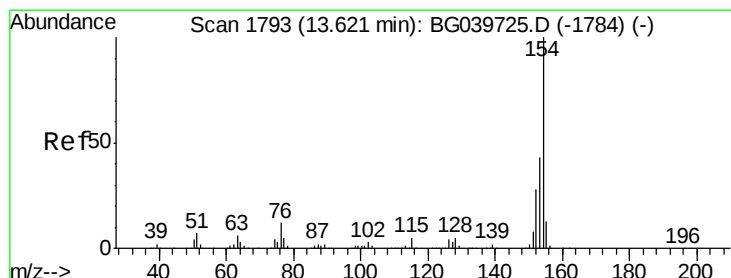
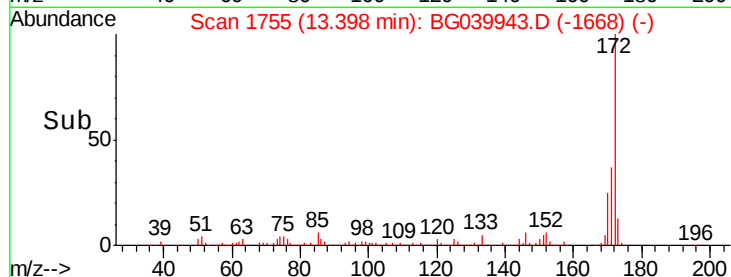
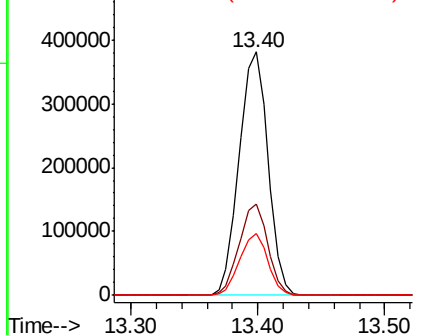
#45
 2-Fluorobiphenyl
 Concen: 78.057 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tgt Ion:172 Resp: 600314
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.3 20.2 30.4

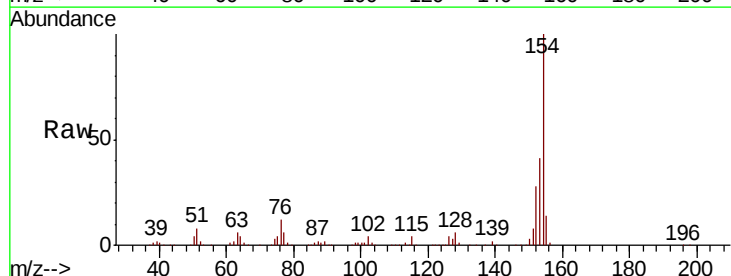


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

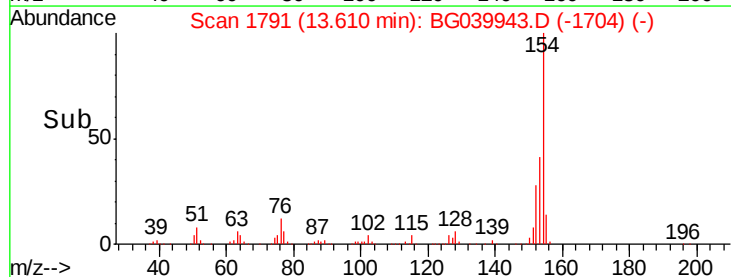
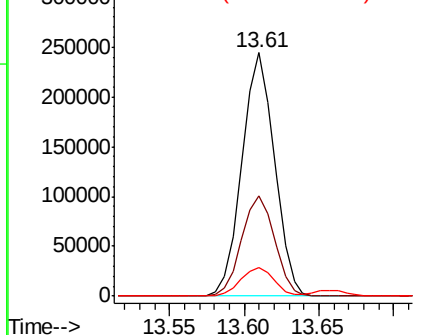


#46
 1,1'-Biphenyl
 Concen: 40.962 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion:154 Resp: 368923
 Ion Ratio Lower Upper
 154 100
 153 41.4 22.1 62.1
 76 11.6 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

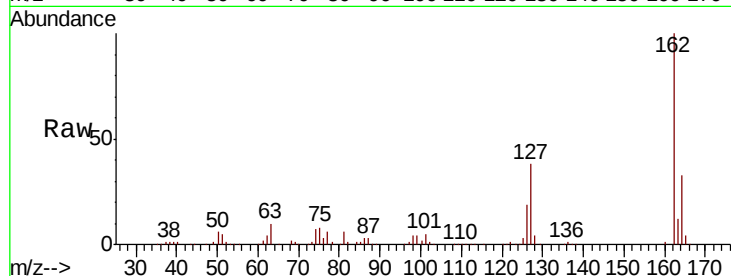




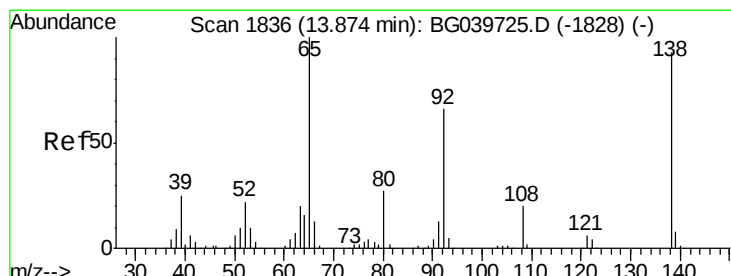
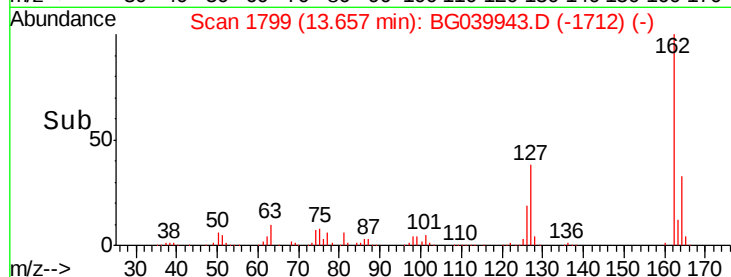
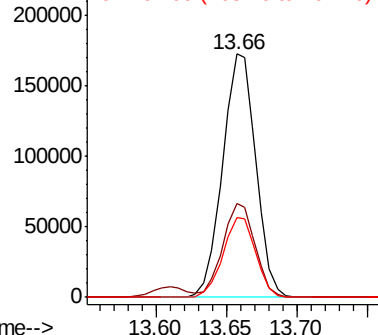
#47
 2-Chloronaphthalene
 Concen: 42.145 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tgt Ion: 162 Resp: 285549
 Ion Ratio Lower Upper
 162 100
 127 38.3 31.0 46.6
 164 33.0 25.7 38.5

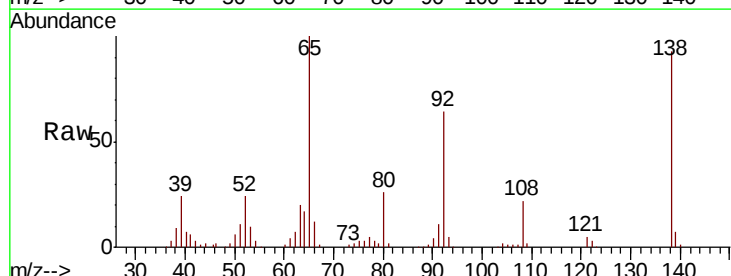


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

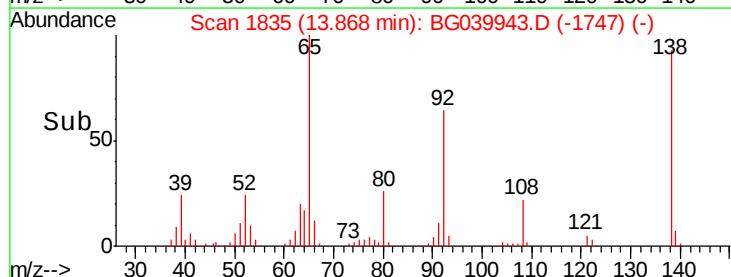
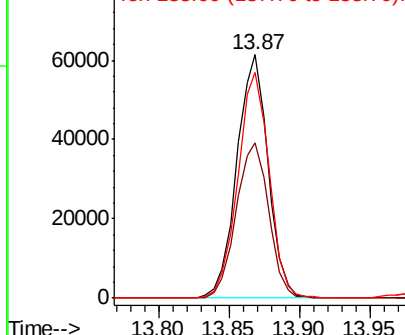


#48
 2-Nitroaniline
 Concen: 43.433 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion: 65 Resp: 94572
 Ion Ratio Lower Upper
 65 100
 92 63.7 51.4 77.2
 138 92.6 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: 40.097 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

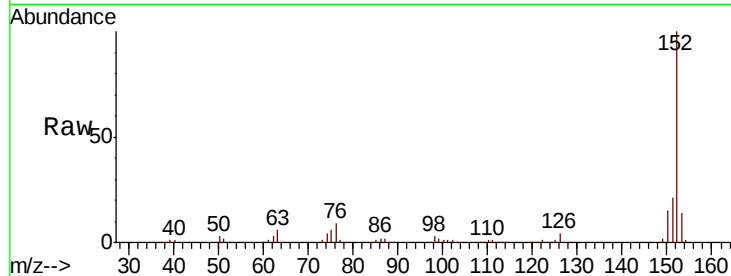
Tgt Ion:152 Resp: 445980

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

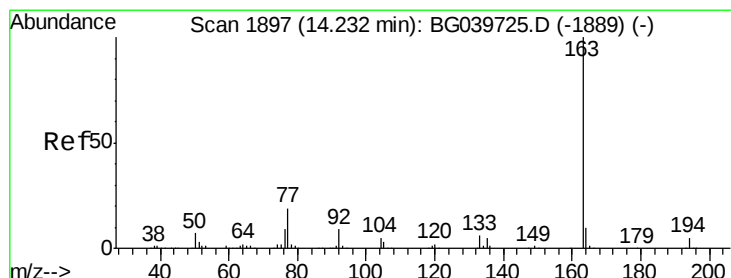
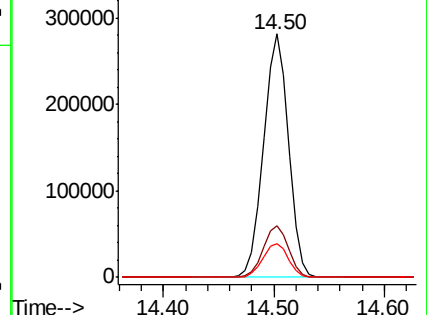
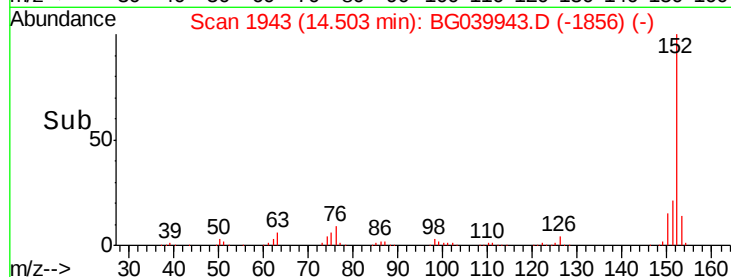
153 13.8 11.7 17.5



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: 40.244 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

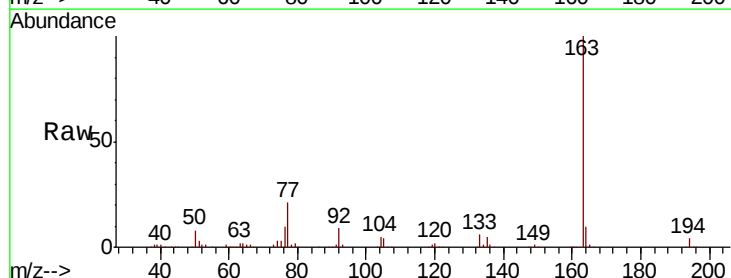
Tgt Ion:163 Resp: 368493

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

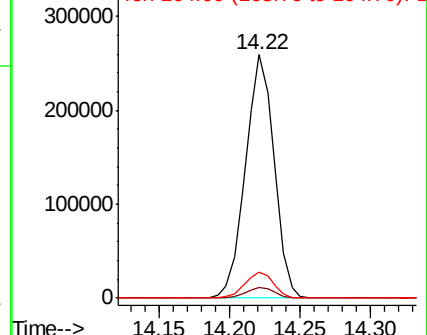
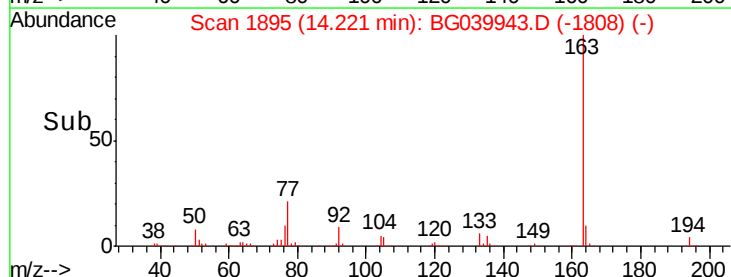
164 10.5 8.4 12.6



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

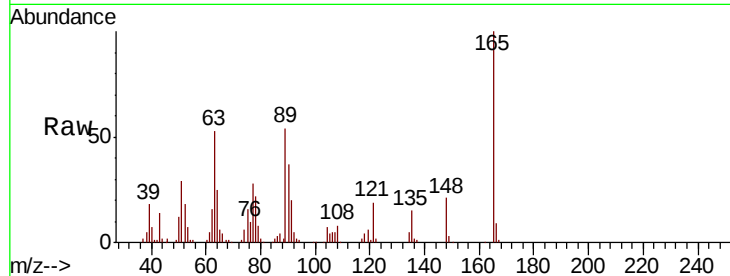




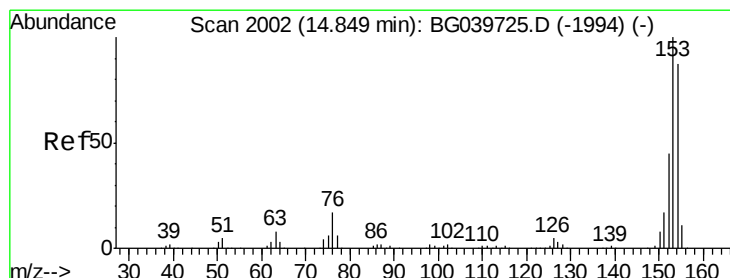
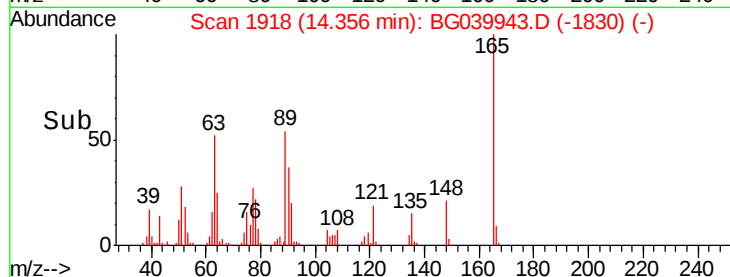
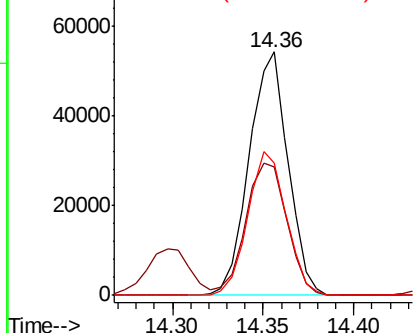
#51
 2,6-Dinitrotoluene
 Concen: 41.537 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tgt Ion:165 Resp: 80628
 Ion Ratio Lower Upper
 165 100
 63 52.9 47.0 70.6
 89 54.4 45.8 68.8

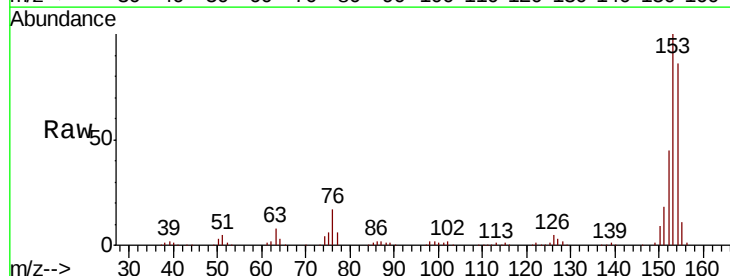


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

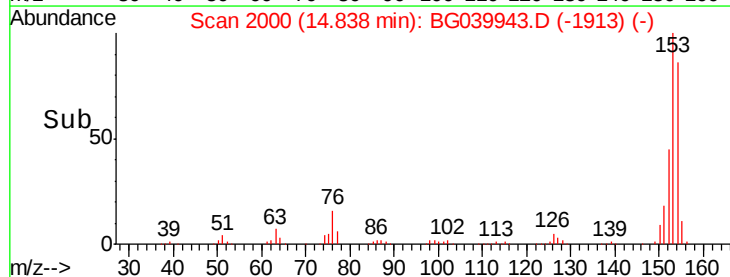
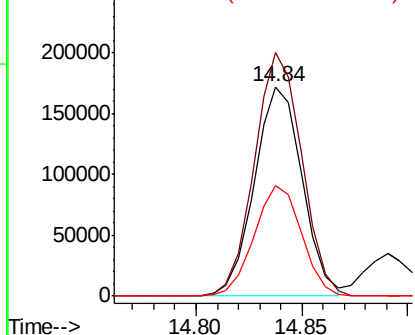


#52
 Acenaphthene
 Concen: 40.511 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion:154 Resp: 271195
 Ion Ratio Lower Upper
 154 100
 153 116.2 90.1 135.1
 152 52.6 40.9 61.3



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





#53

3-Nitroaniline

Concen: 28.709 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

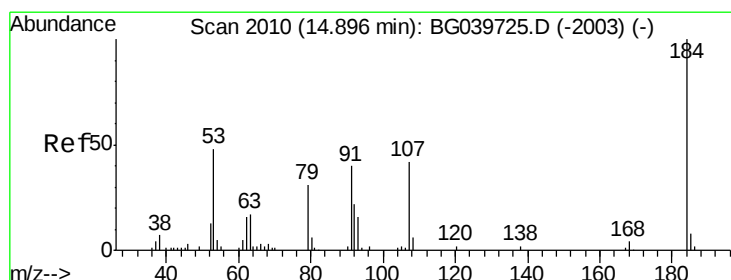
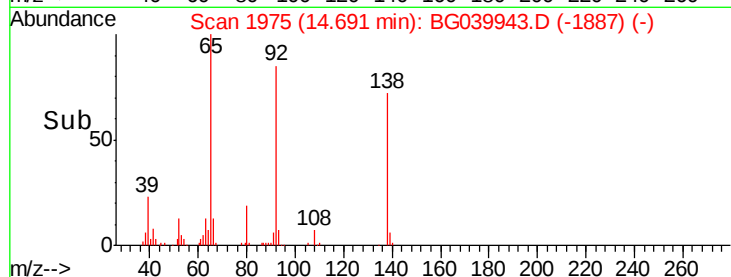
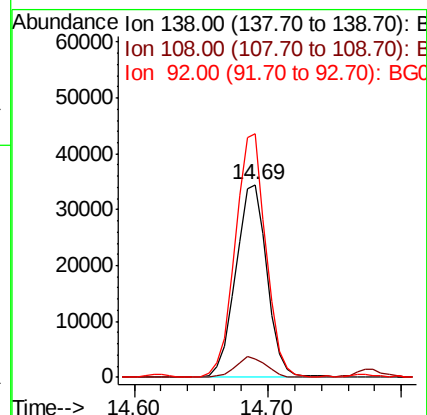
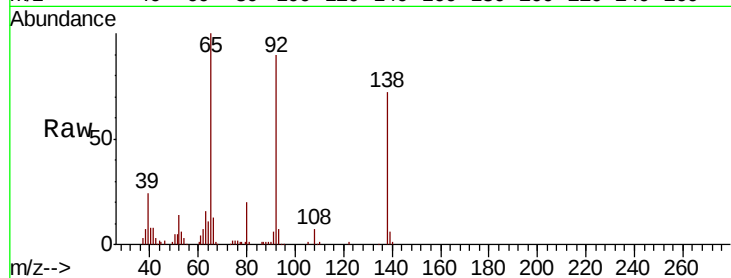
Tgt Ion:138 Resp: 56019

Ion Ratio Lower Upper

138 100

108 9.3 13.8 20.8#

92 126.2 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 71.533 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

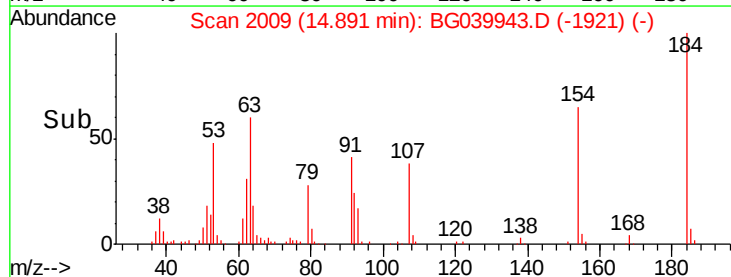
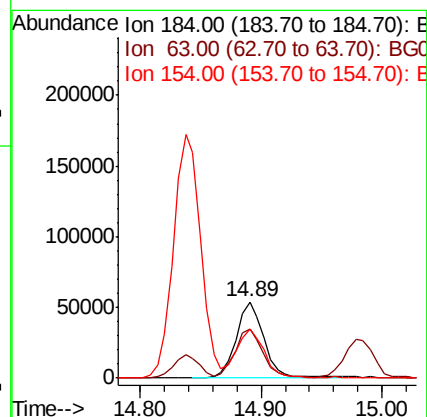
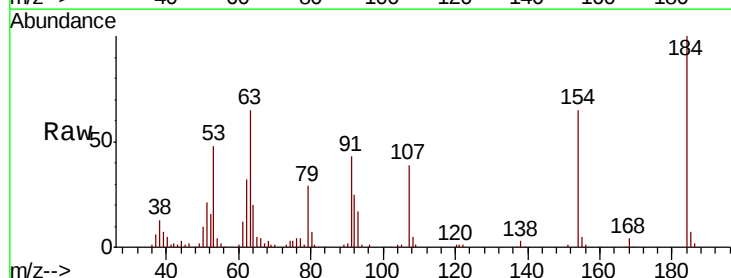
Tgt Ion:184 Resp: 86837

Ion Ratio Lower Upper

184 100

63 64.8 50.9 76.3

154 64.6 53.0 79.6





#55

Dibenzofuran

Concen: 40.629 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

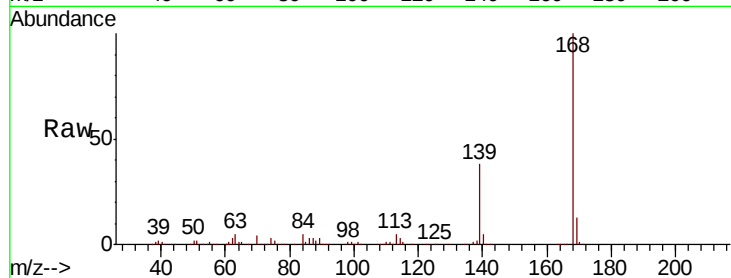
Tgt Ion:168 Resp: 446244

Ion Ratio Lower Upper

168 100

139 38.1 30.1 45.1

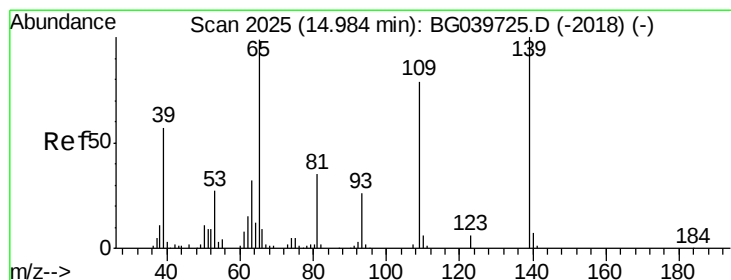
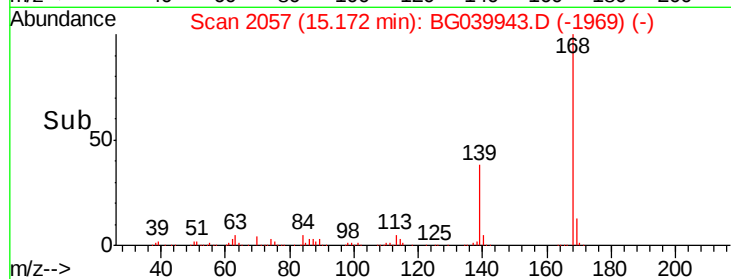
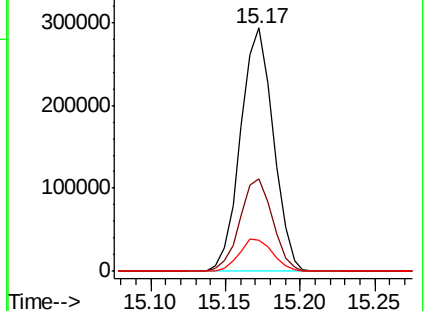
169 12.7 10.6 16.0



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: 81.838 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

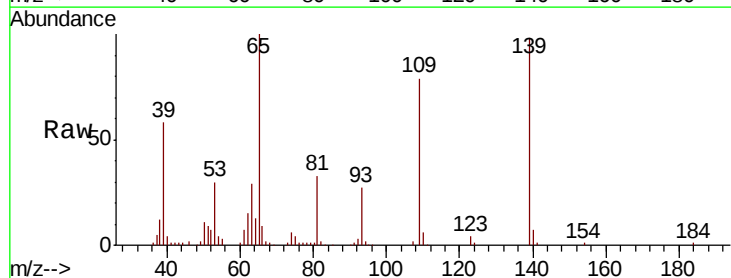
Tgt Ion:139 Resp: 142850

Ion Ratio Lower Upper

139 100

109 80.4 61.9 101.9

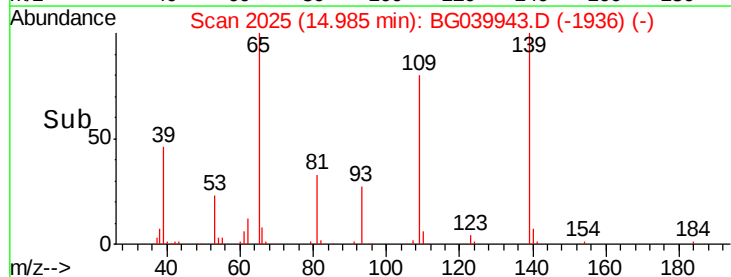
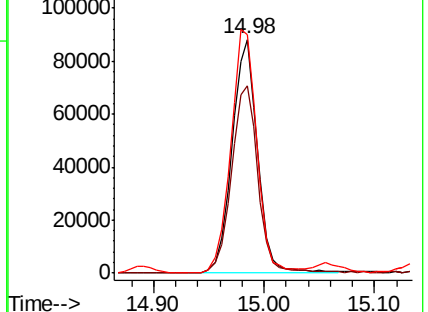
65 102.1 99.1 139.1

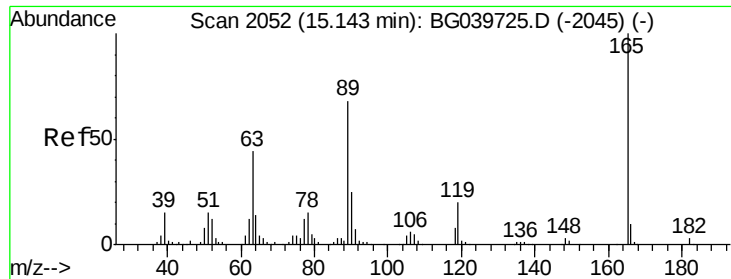


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

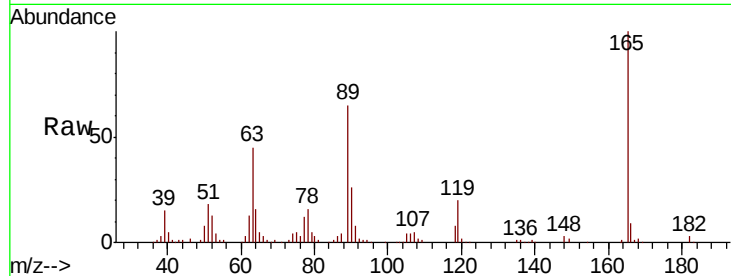




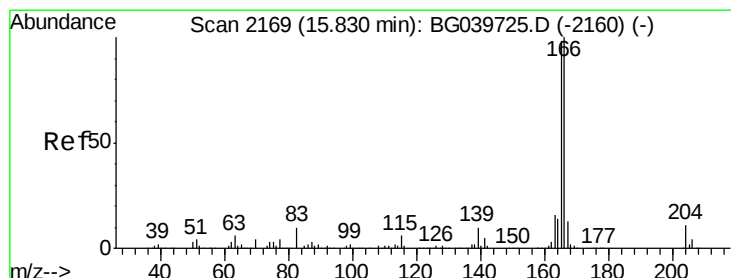
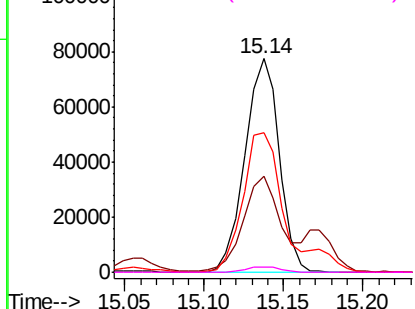
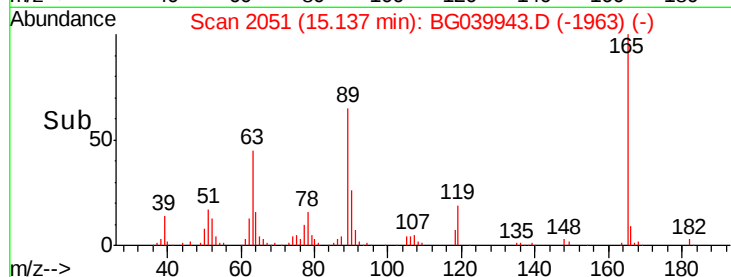
#57
2,4-Dinitrotoluene
Concen: 42.695 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion:	165	Resp:	116450
Ion	Ratio	Lower	Upper
165	100		
63	44.7	41.0	61.6
89	65.4	64.6	96.8
182	2.7	2.0	3.0

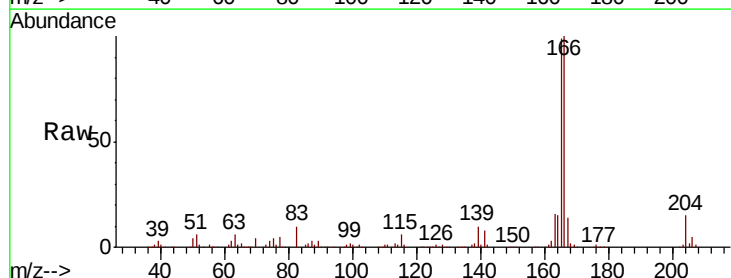


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

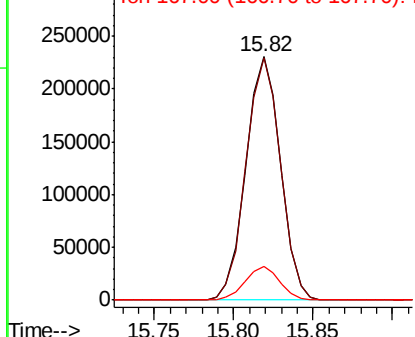
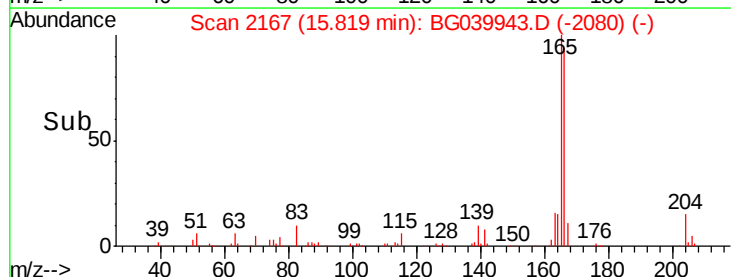


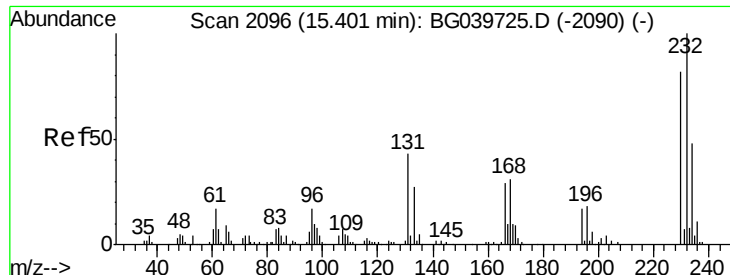
#58
Fluorene
Concen: 40.416 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:	166	Resp:	348967
Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.9	116.9
167	13.8	10.8	16.2



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

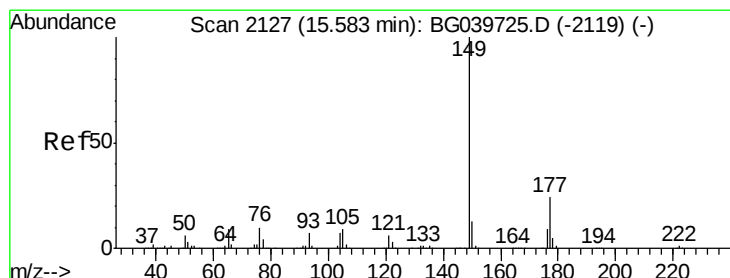
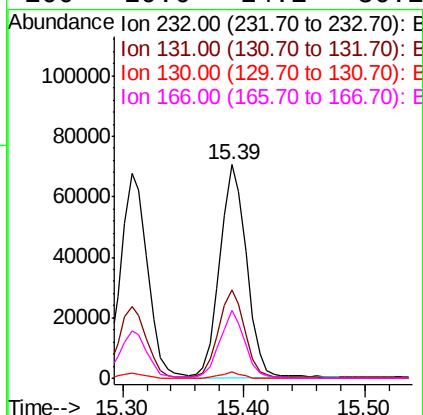
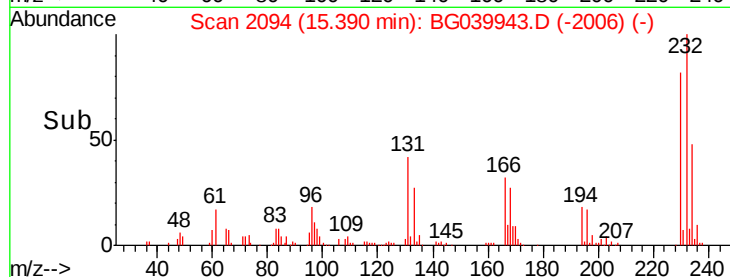
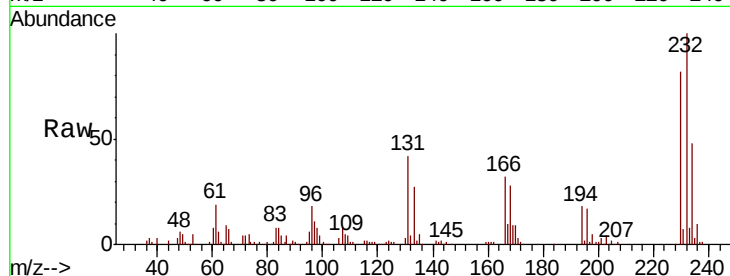




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.118 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

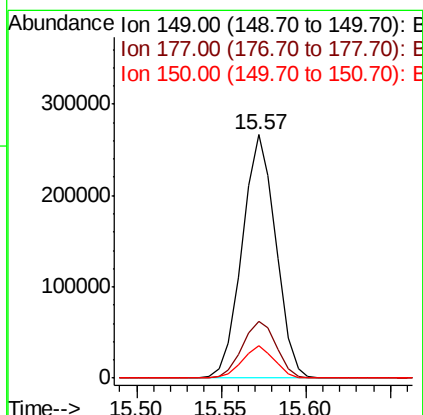
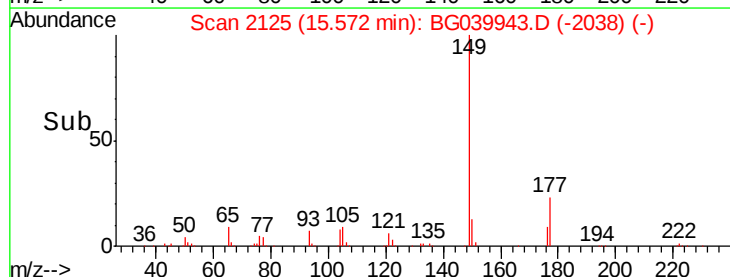
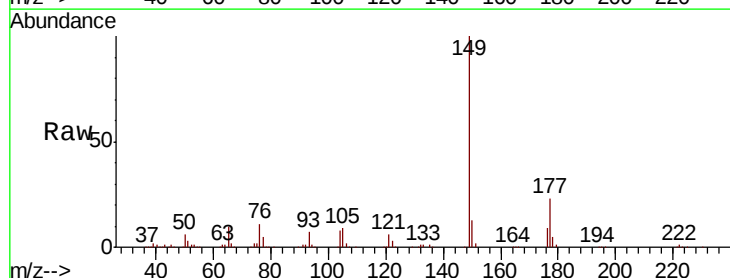
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

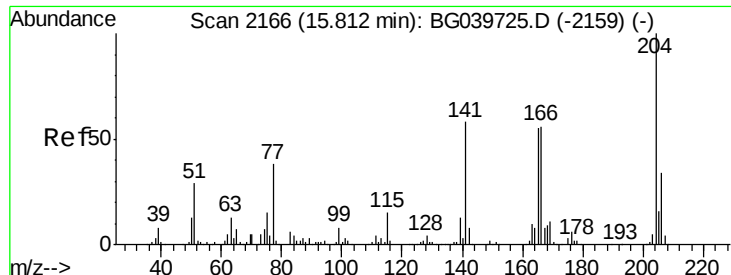
Tgt Ion: 232 Resp: 107870
 Ion Ratio Lower Upper
 232 100
 131 40.0 34.9 52.3
 130 2.3 2.0 3.0
 166 29.6 24.1 36.1



#60
 Diethylphthalate
 Concen: 40.666 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion: 149 Resp: 368610
 Ion Ratio Lower Upper
 149 100
 177 23.4 18.3 27.5
 150 13.4 10.2 15.2

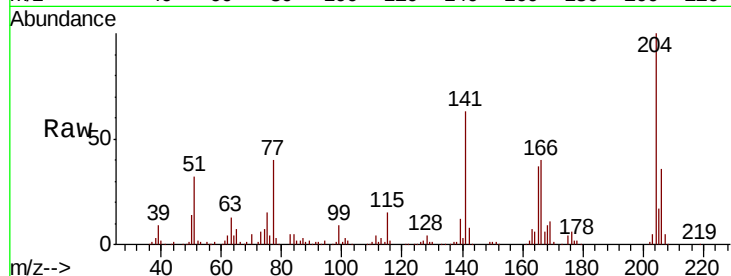




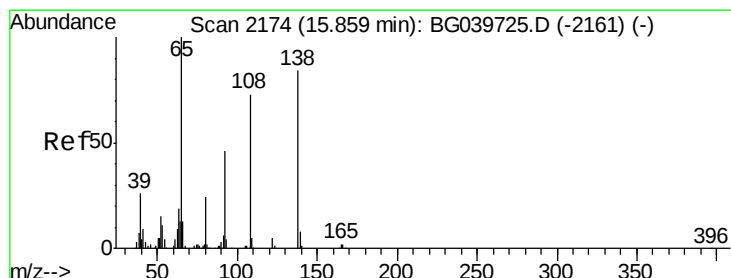
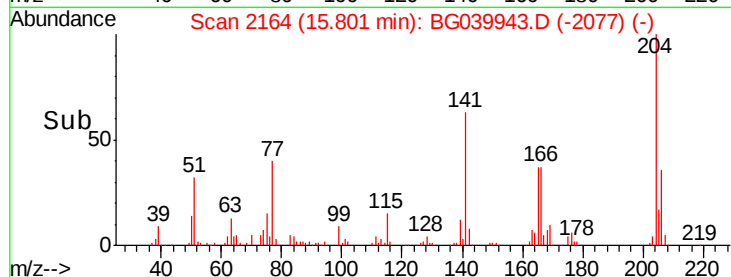
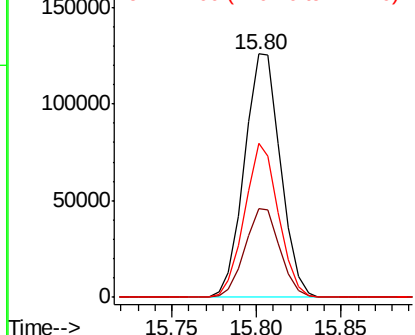
#61
4-Chlorophenyl-phenylether
Concen: 40.444 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion: 204 Resp: 186349
Ion Ratio Lower Upper
204 100
206 36.5 29.2 43.8
141 63.1 49.0 73.4

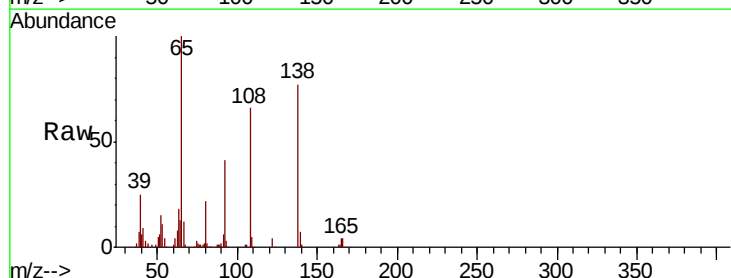


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

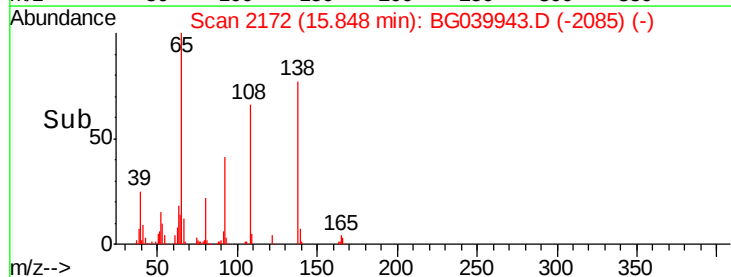
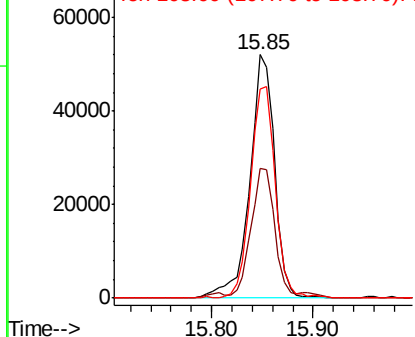


#62
4-Nitroaniline
Concen: 41.725 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion: 138 Resp: 88263
Ion Ratio Lower Upper
138 100
92 53.5 38.7 78.7
108 85.7 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

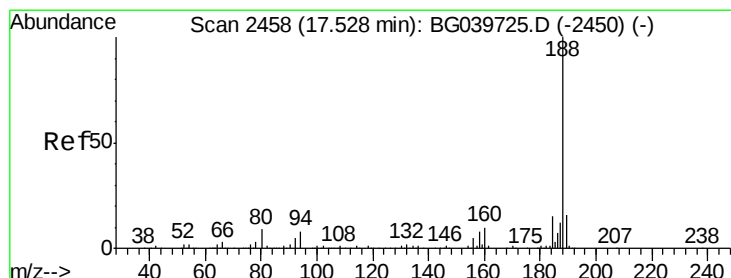
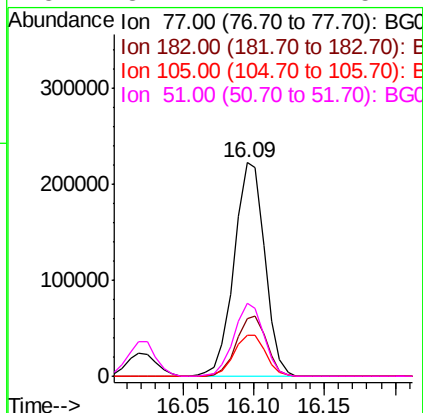
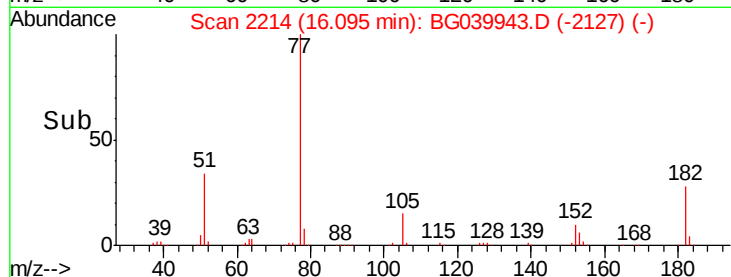
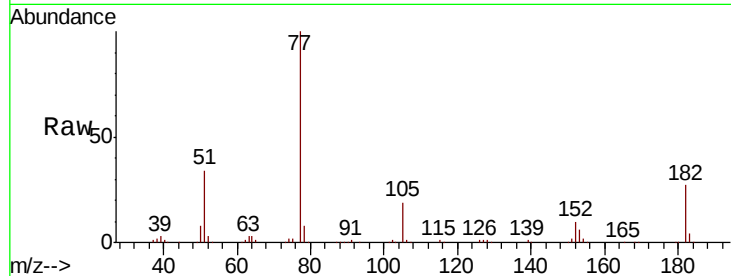




#63
Azobenzene
Concen: 41.010 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

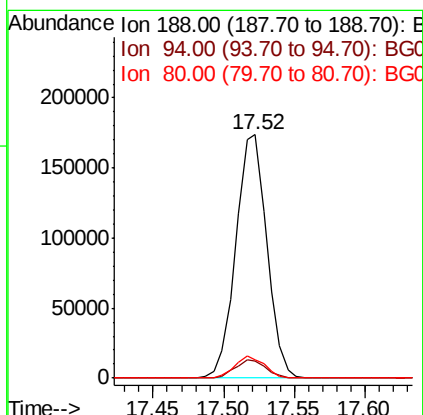
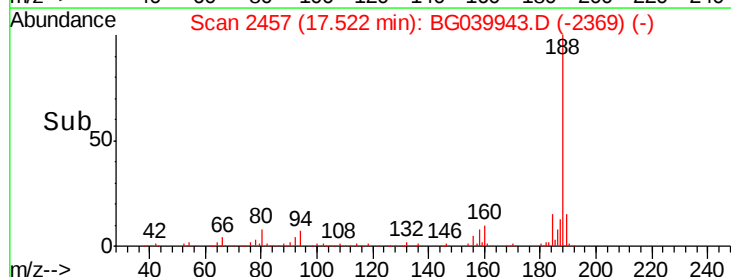
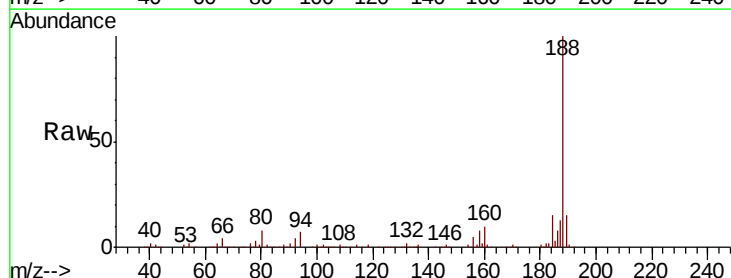
Instrument :
BNA_G
ClientSampleId :
PB117964BSD

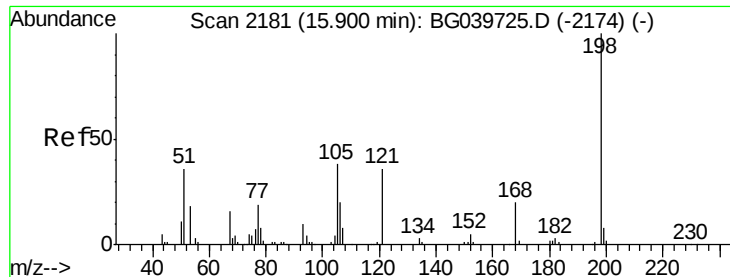
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.4	46.4
105	19.4	0.0	39.8
51	34.1	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	7.7	8.1	12.1#

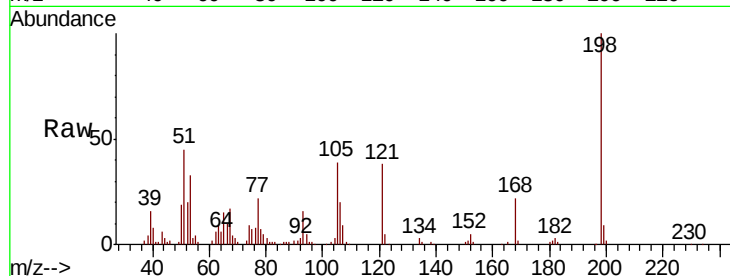




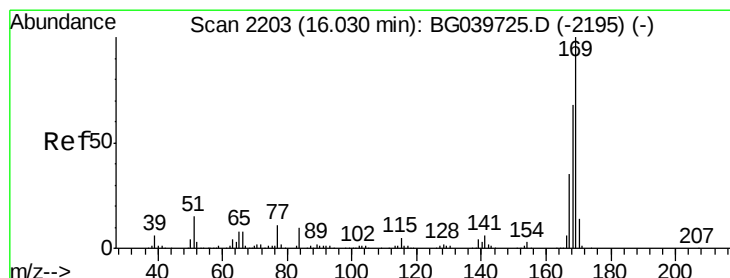
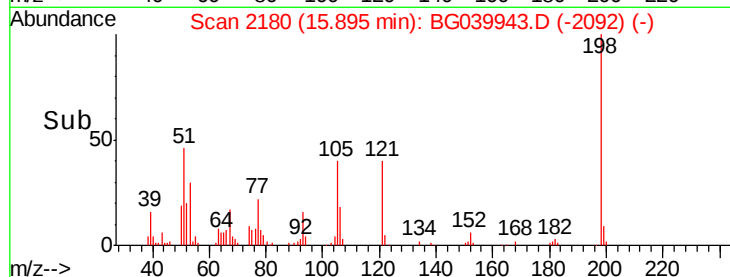
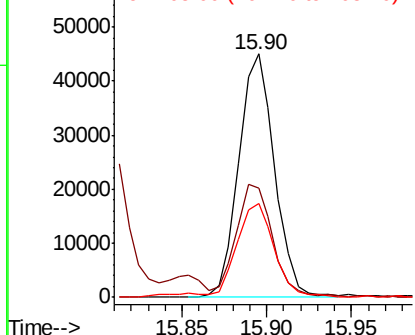
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.059 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tgt Ion:198 Resp: 66263
 Ion Ratio Lower Upper
 198 100
 51 44.9 27.4 67.4
 105 38.7 19.7 59.7

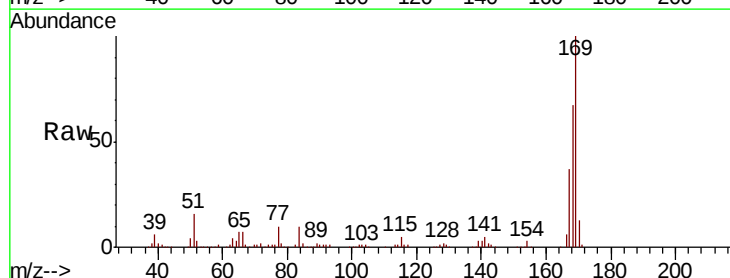


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

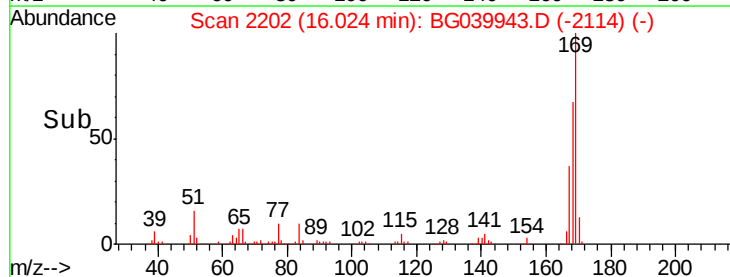
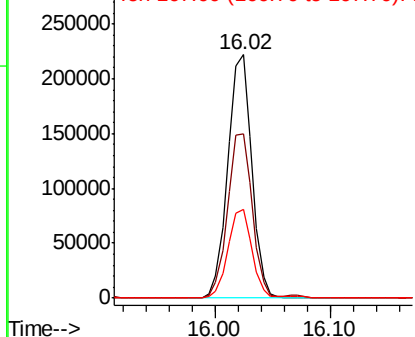


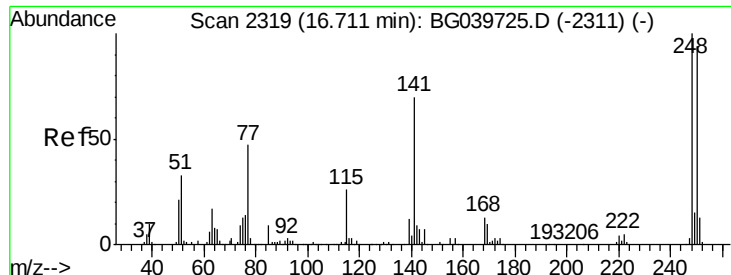
#66
 n-Nitrosodiphenylamine
 Concen: 41.337 ng
 RT: 16.02 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion:169 Resp: 318879
 Ion Ratio Lower Upper
 169 100
 168 67.4 56.6 85.0
 167 36.6 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

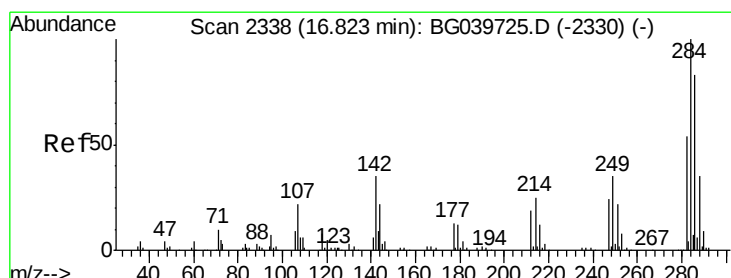
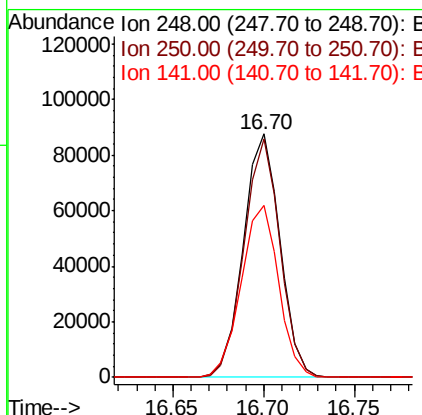
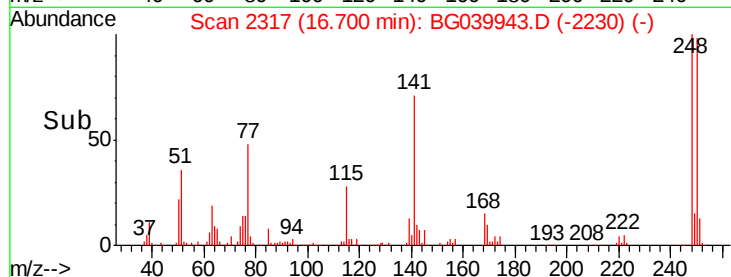
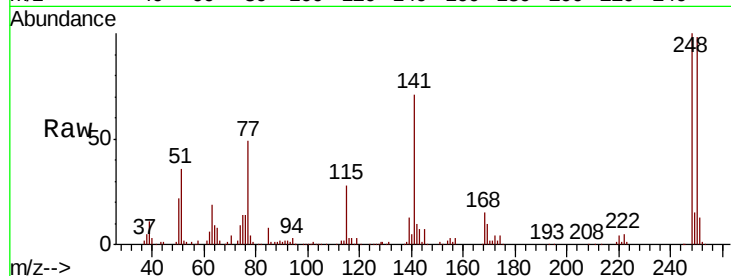




#67
4-Bromophenyl-phenylether
Concen: 41.443 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

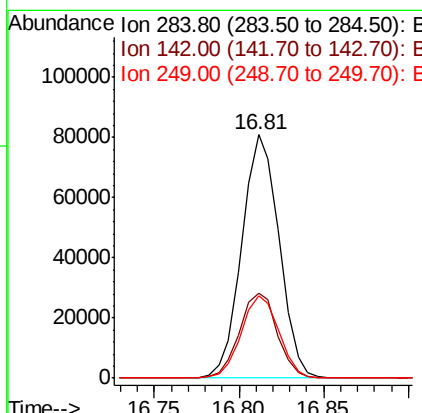
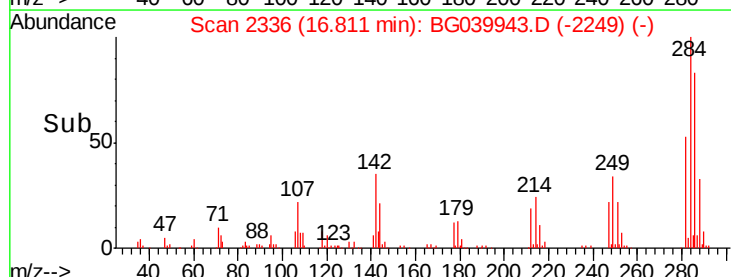
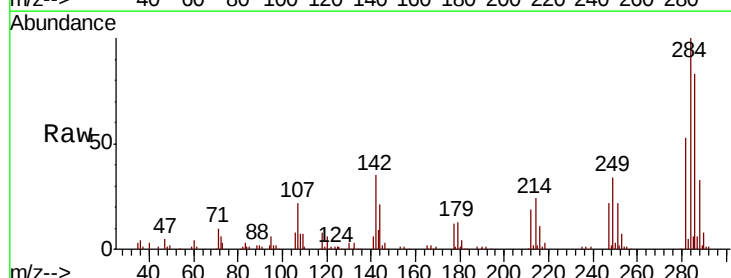
Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion:248 Resp: 123608
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 70.6 63.9 95.9



#68
Hexachlorobenzene
Concen: 40.164 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:284 Resp: 124171
Ion Ratio Lower Upper
284 100
142 35.1 30.6 45.8
249 33.8 28.2 42.2





#69

Atrazine

Concen: 42.603 ng

RT: 16.96 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

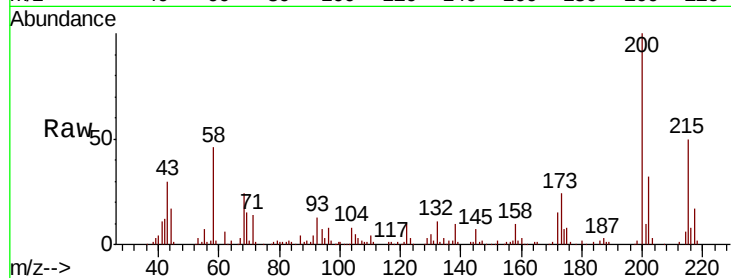
Tgt Ion:200 Resp: 129340

Ion Ratio Lower Upper

200 100

173 23.5 3.9 43.9

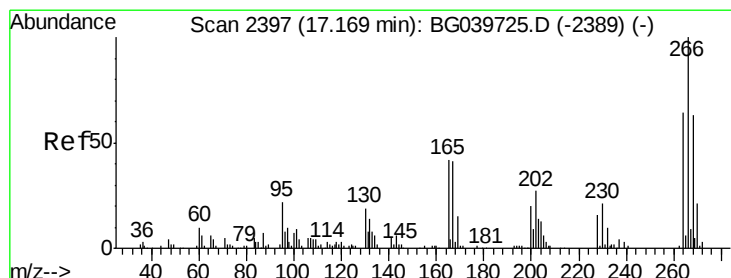
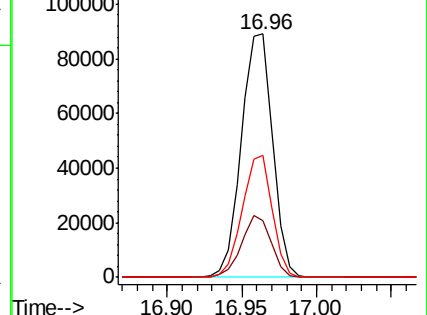
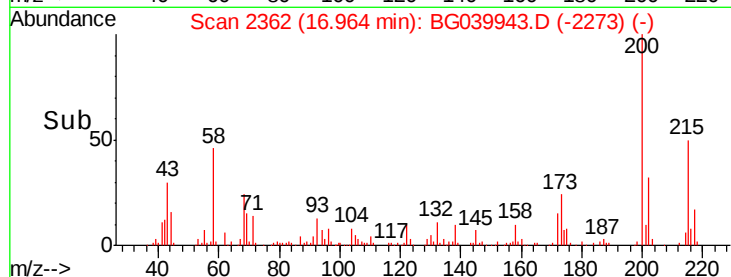
215 50.0 30.9 70.9



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: 79.343 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

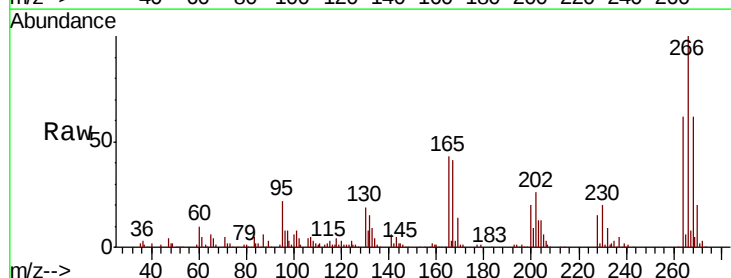
Tgt Ion:266 Resp: 154919

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

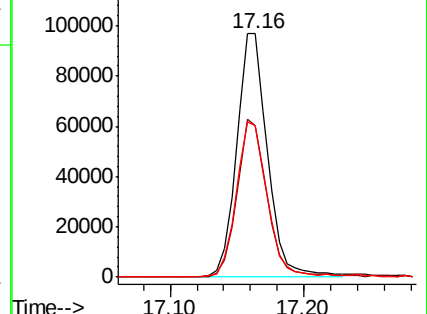
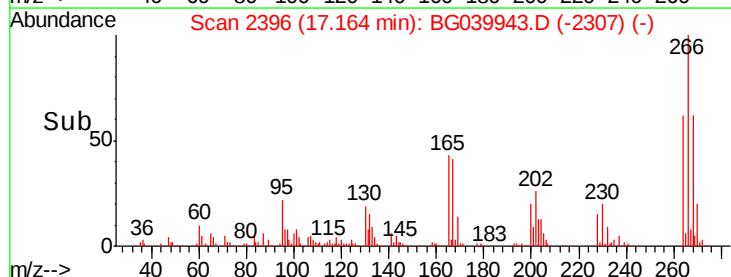
264 62.1 52.1 78.1

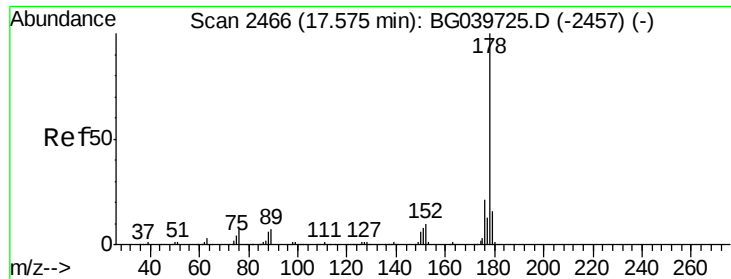


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

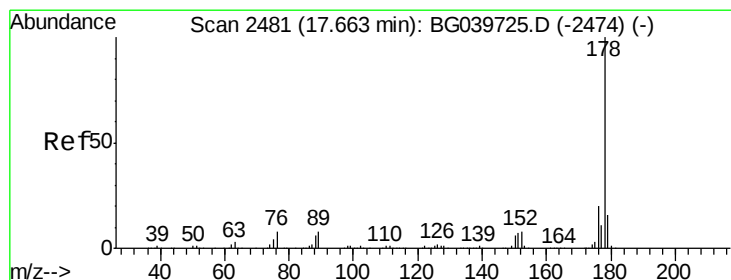
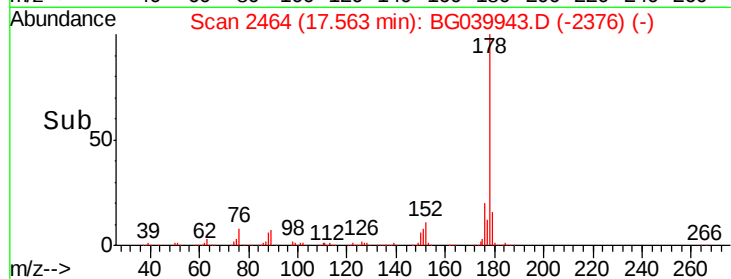
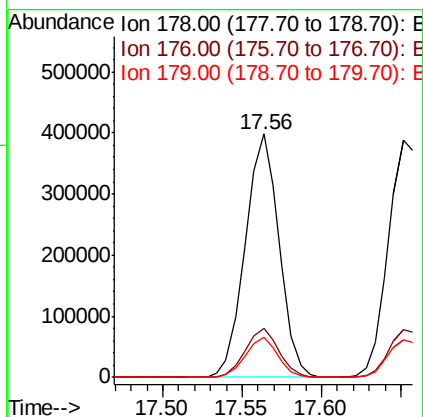
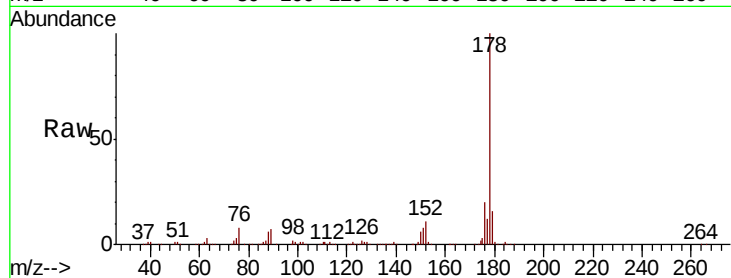




#71
Phenanthrene
Concen: 40.281 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

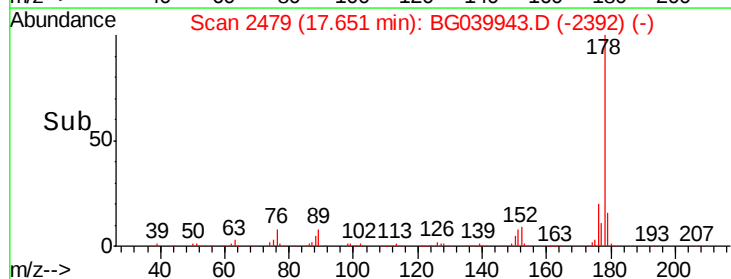
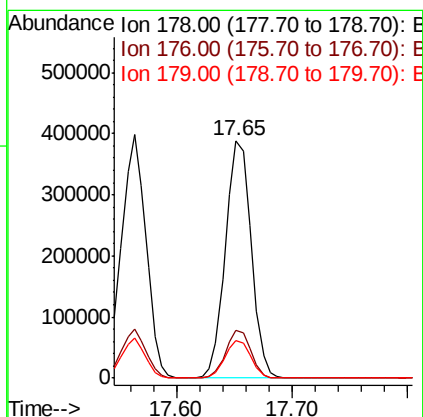
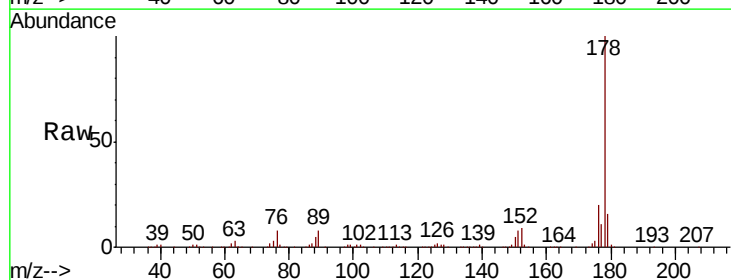
Instrument :
BNA_G
ClientSampleId :
PB117964BSD

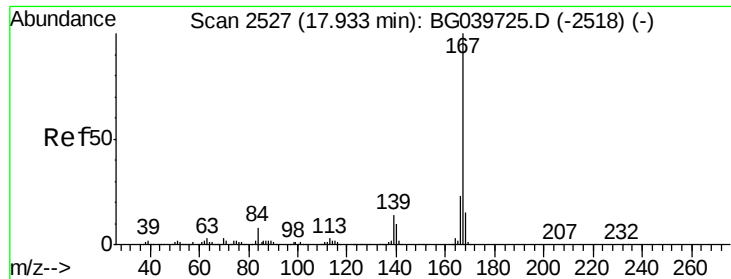
Tgt Ion:178 Resp: 591203
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 42.047 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:178 Resp: 601376
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.0 12.5 18.7





#73

Carbazole

Concen: 41.787 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

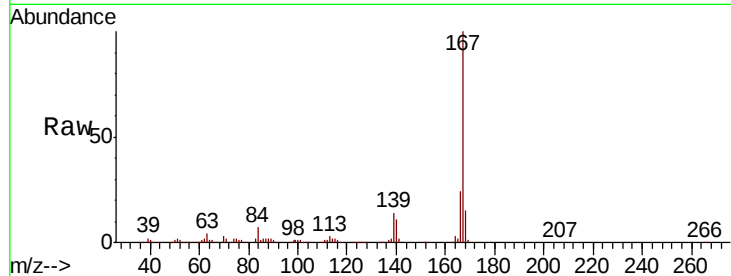
Tgt Ion:167 Resp: 538792

Ion Ratio Lower Upper

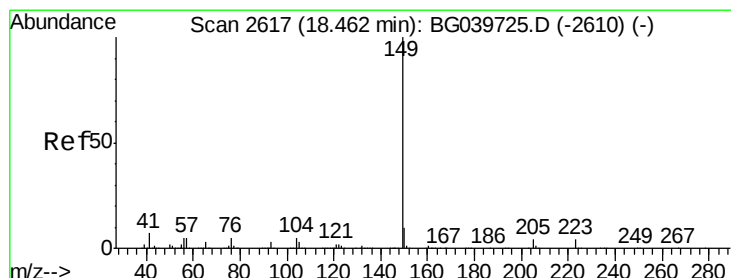
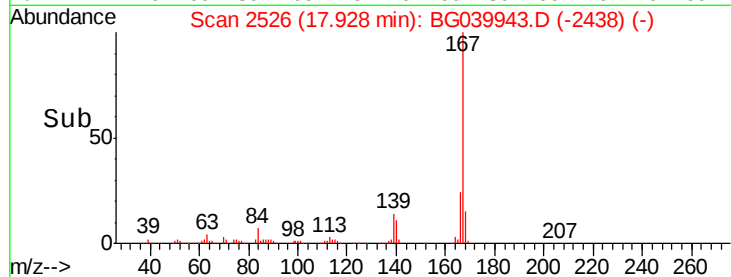
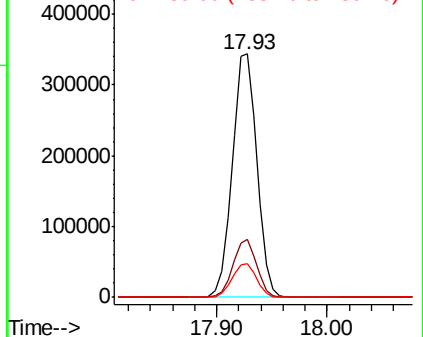
167 100

166 23.9 19.4 29.2

139 13.6 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: 43.195 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

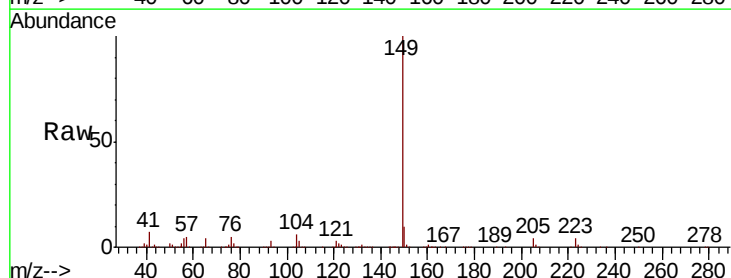
Tgt Ion:149 Resp: 655291

Ion Ratio Lower Upper

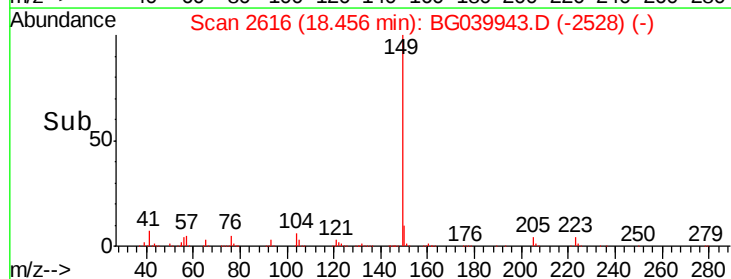
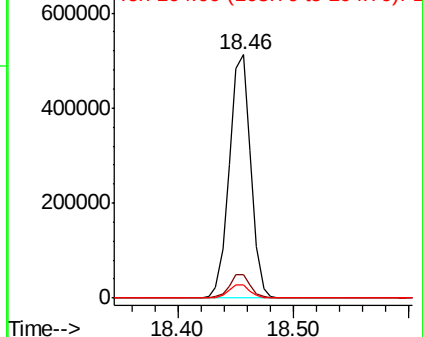
149 100

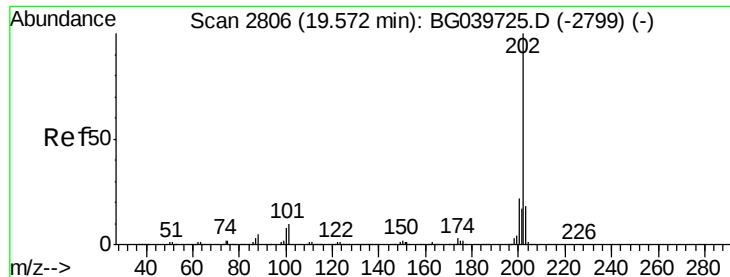
150 9.5 7.7 11.5

104 5.5 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: 42.459 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

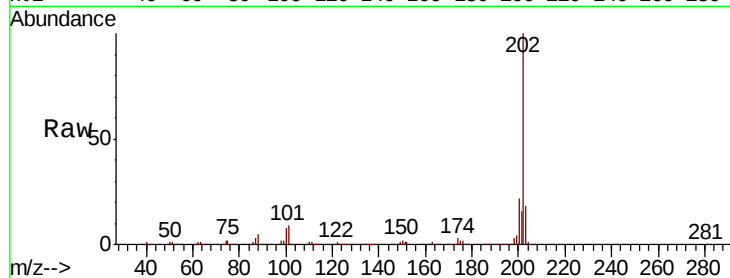
Tgt Ion:202 Resp: 736464

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.0

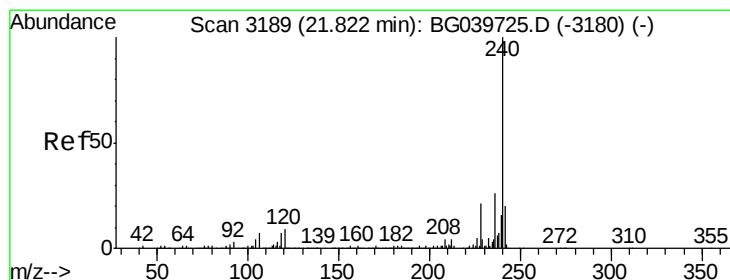
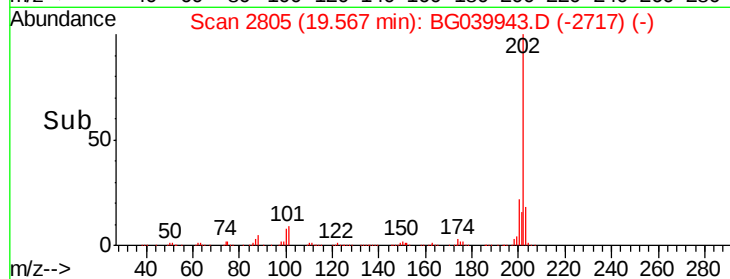
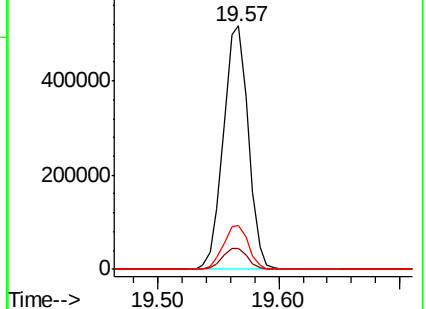
203 17.9 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

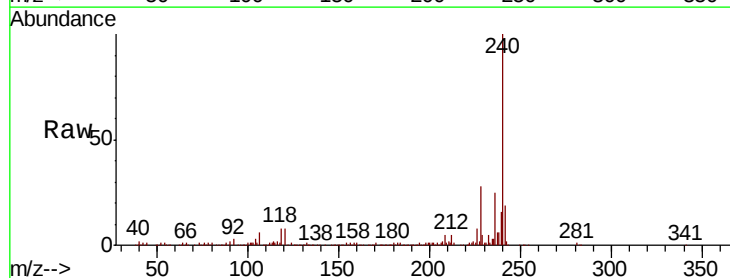
Tgt Ion:240 Resp: 280208

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

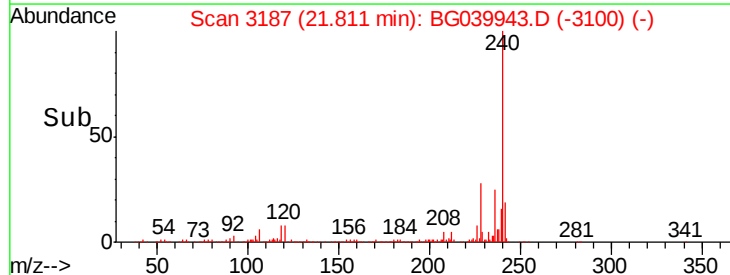
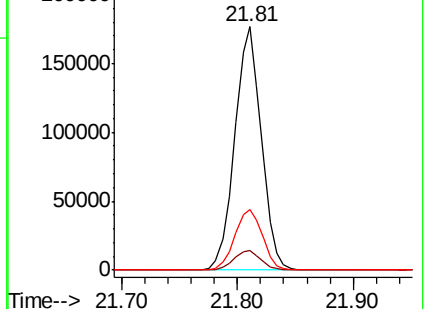
236 25.0 21.0 31.4

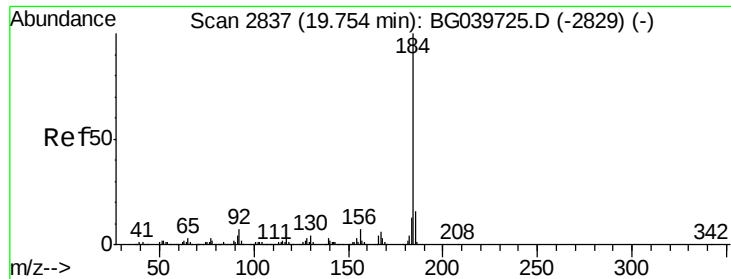


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.494 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

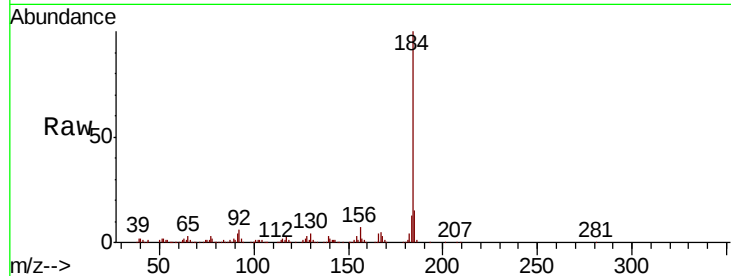
Tgt Ion:184 Resp: 288933

Ion Ratio Lower Upper

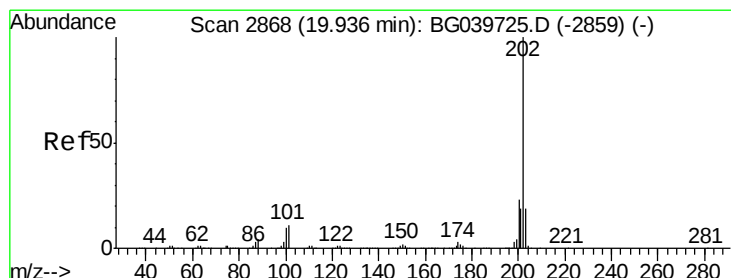
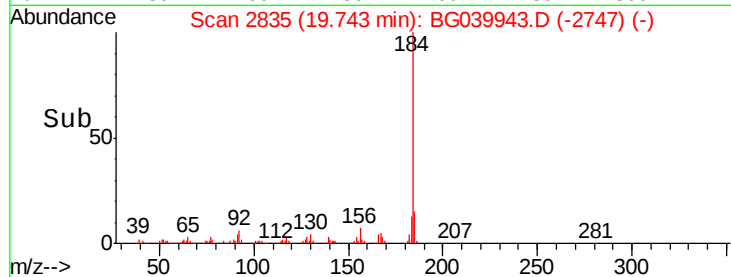
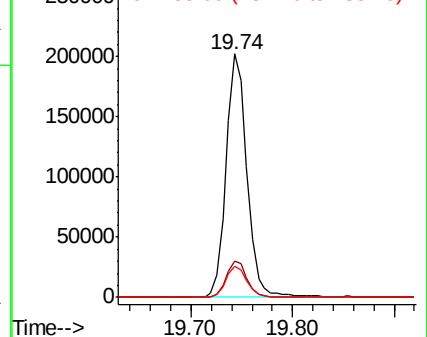
184 100

185 14.9 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: 40.594 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

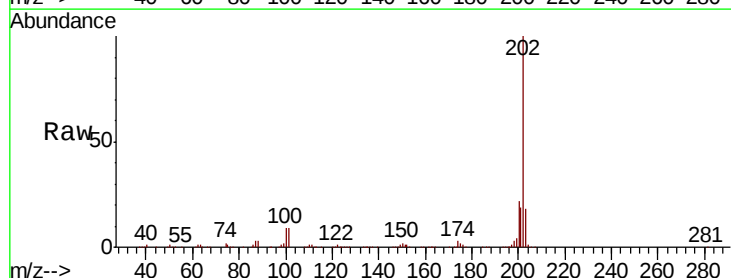
Tgt Ion:202 Resp: 739146

Ion Ratio Lower Upper

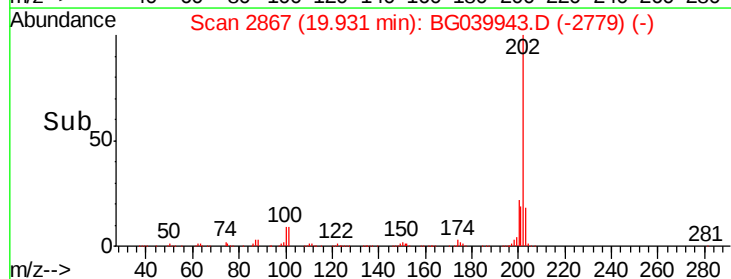
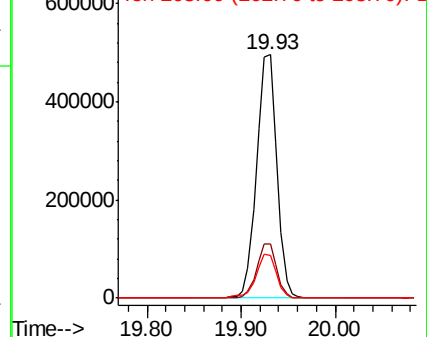
202 100

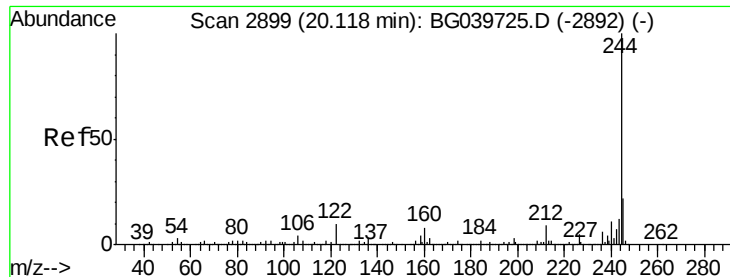
200 22.2 17.8 26.8

203 17.8 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: 79.057 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

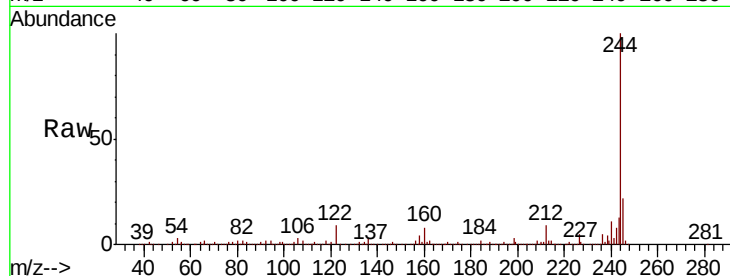
Tgt Ion:244 Resp: 1006107

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

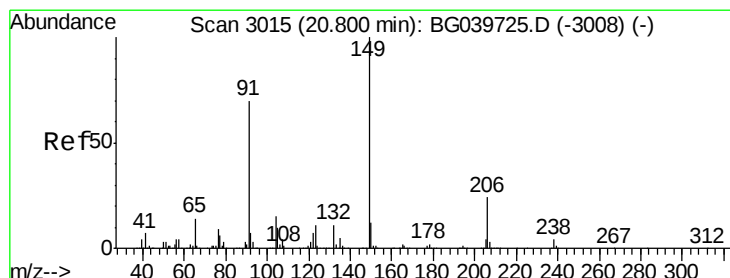
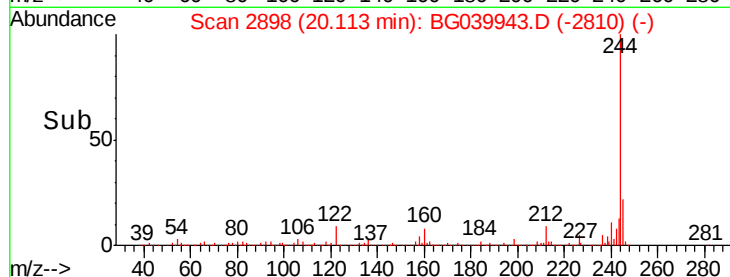
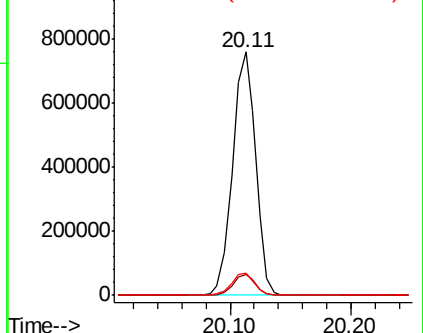
122 9.2 8.4 12.6



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: 43.742 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

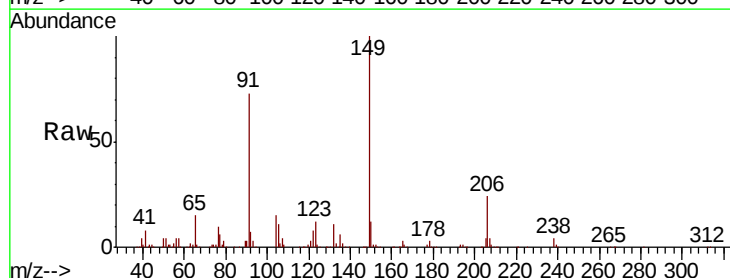
Tgt Ion:149 Resp: 308569

Ion Ratio Lower Upper

149 100

91 72.5 59.5 89.3

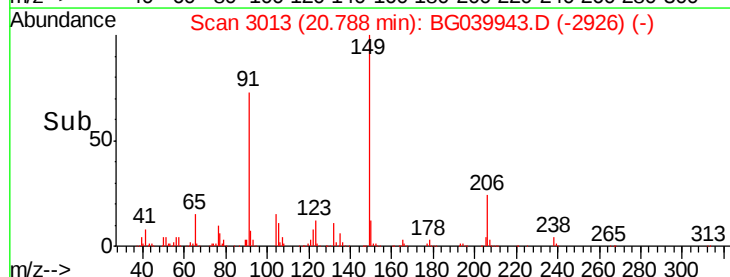
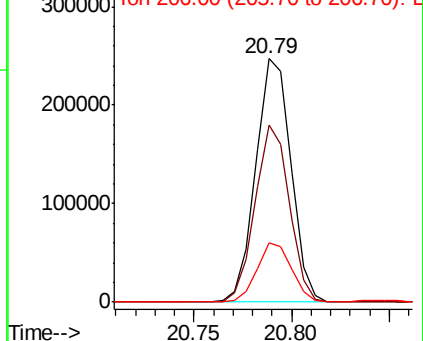
206 24.1 18.6 27.8

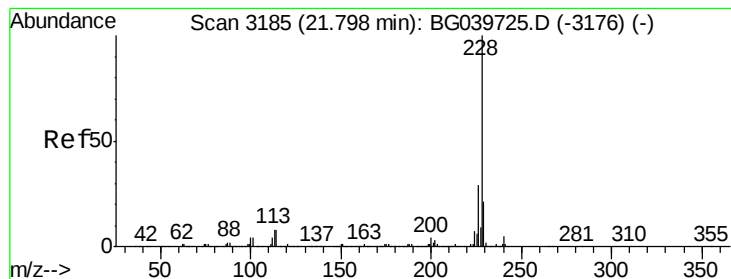


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.466 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

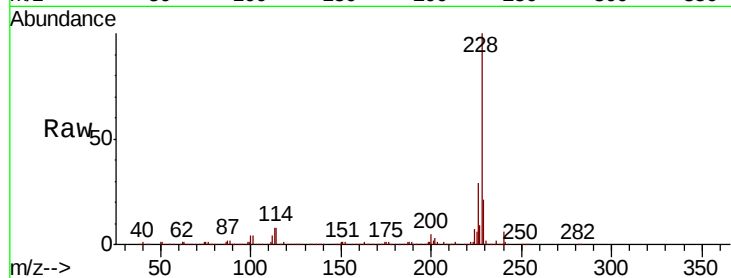
Tgt Ion:228 Resp: 710639

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

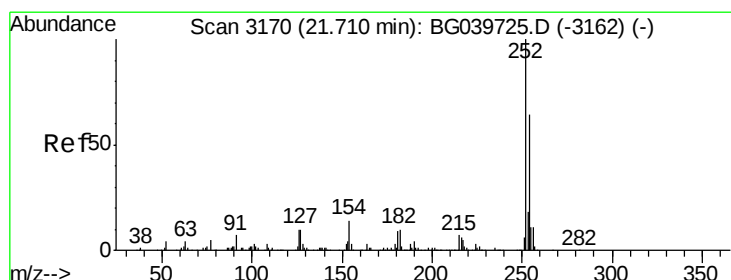
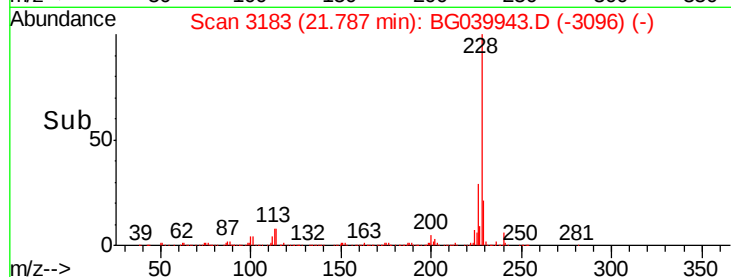
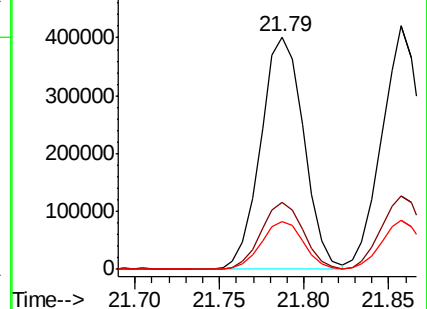
229 20.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.705 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

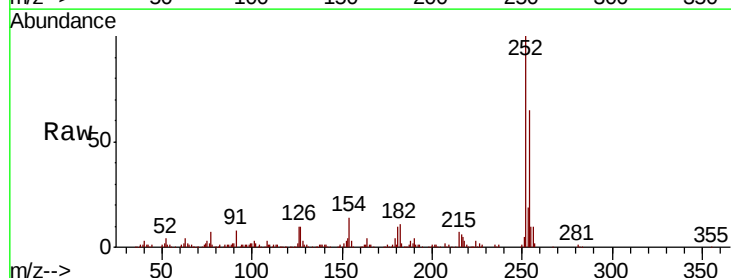
Tgt Ion:252 Resp: 171219

Ion Ratio Lower Upper

252 100

254 65.3 51.3 76.9

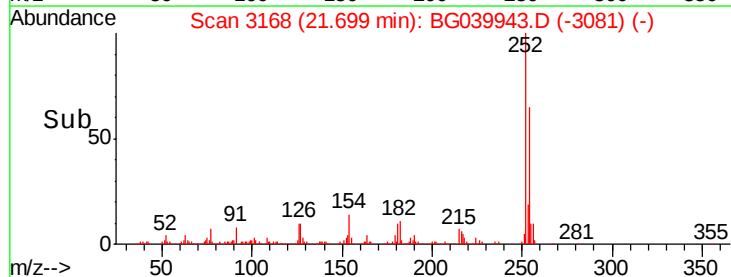
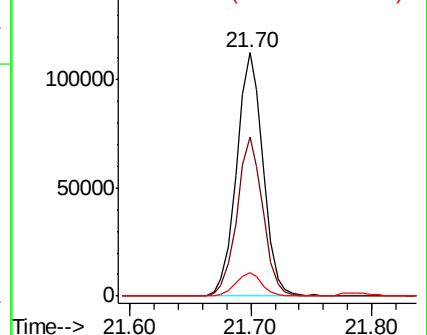
126 9.8 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.177 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

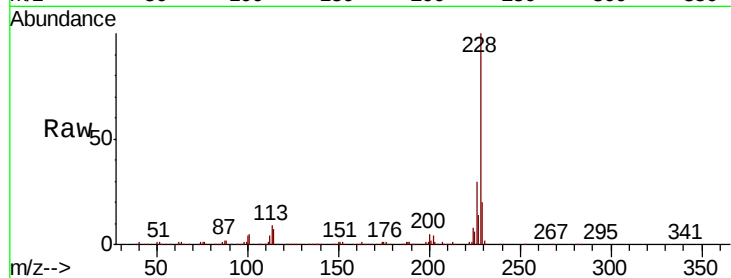
Tgt Ion:228 Resp: 684021

Ion Ratio Lower Upper

228 100

226 30.4 25.8 38.6

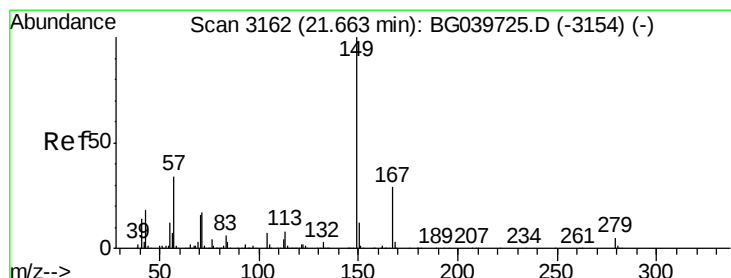
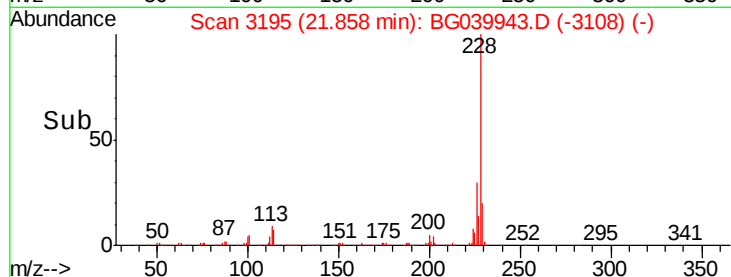
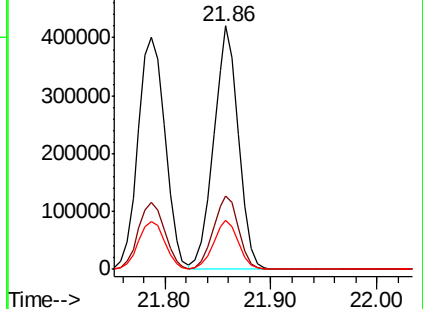
229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.635 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

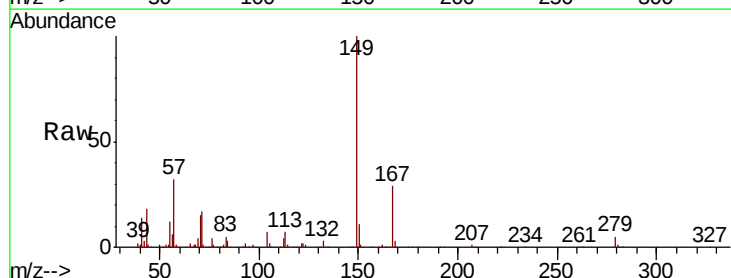
Tgt Ion:149 Resp: 432550

Ion Ratio Lower Upper

149 100

167 29.1 22.6 34.0

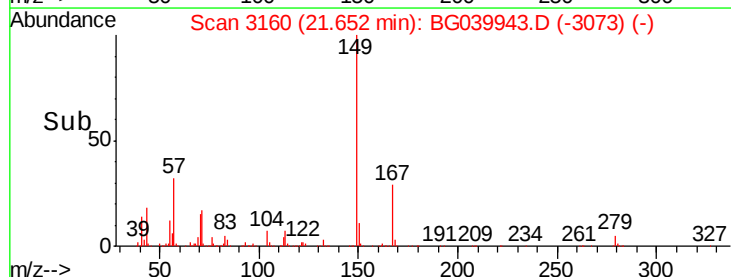
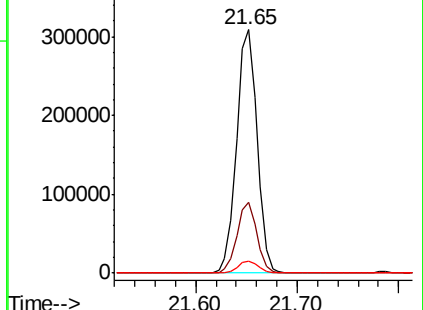
279 5.2 3.5 5.3



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

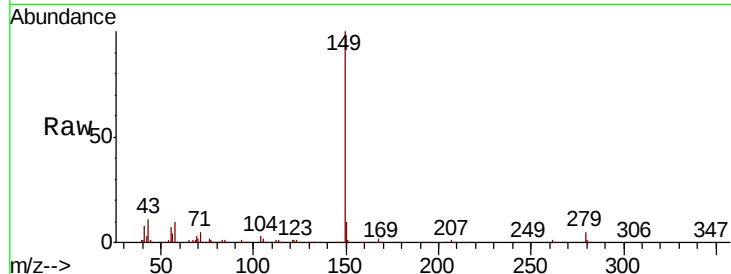




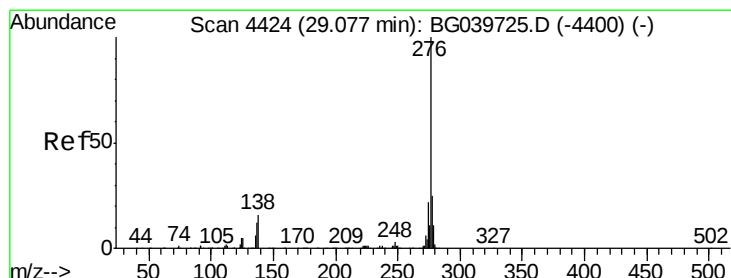
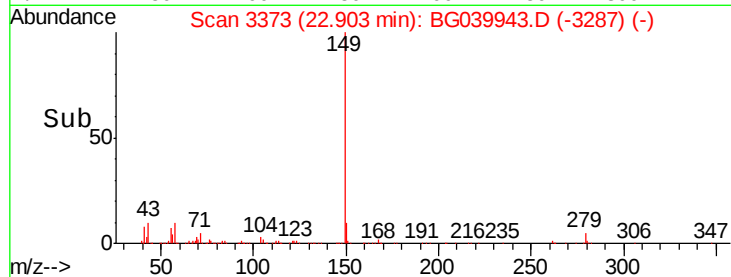
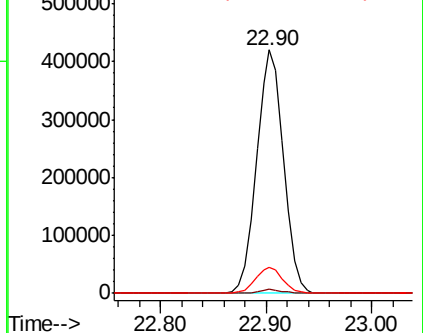
#85
 Di-n-octyl phthalate
 Concen: 45.175 ng
 RT: 22.90 min Scan# 3373
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tgt Ion:149 Resp: 741484
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.8 10.2 15.4

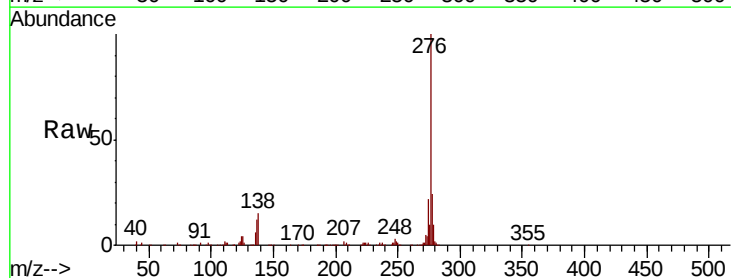


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

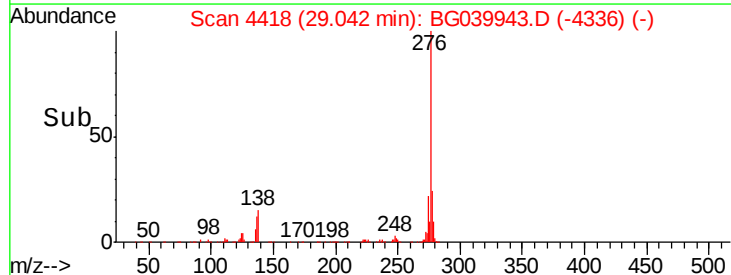
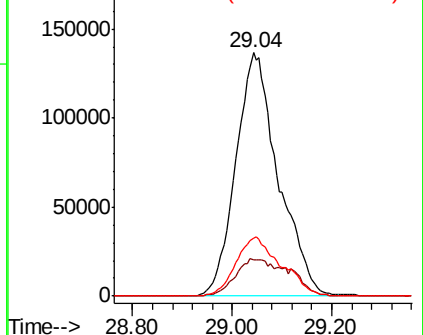


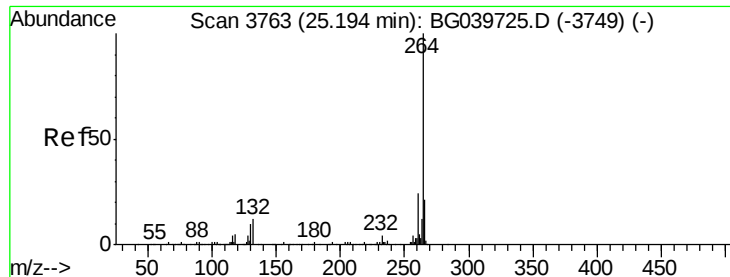
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 41.904 ng
 RT: 29.04 min Scan# 4418
 Delta R.T. -0.05 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion:276 Resp: 809343
 Ion Ratio Lower Upper
 276 100
 138 15.9 12.6 19.0
 277 25.9 20.8 31.2



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

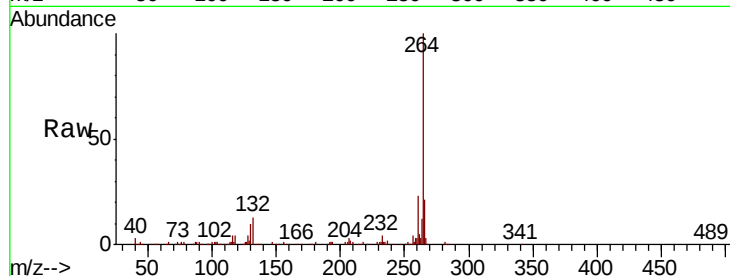
Tgt Ion:264 Resp: 265211

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

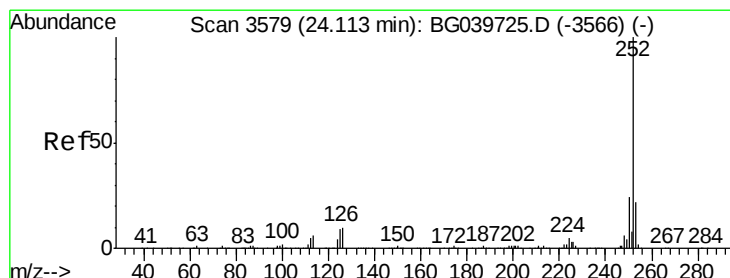
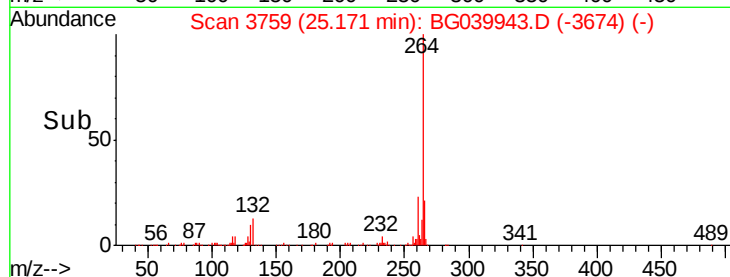
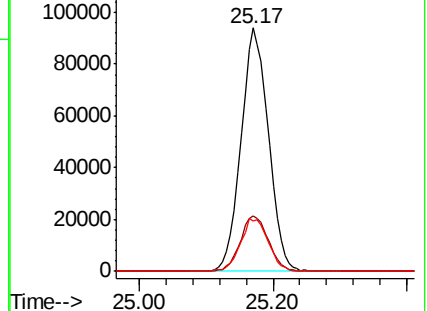
265 20.7 18.5 27.7



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: 45.340 ng

RT: 24.10 min Scan# 3576

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

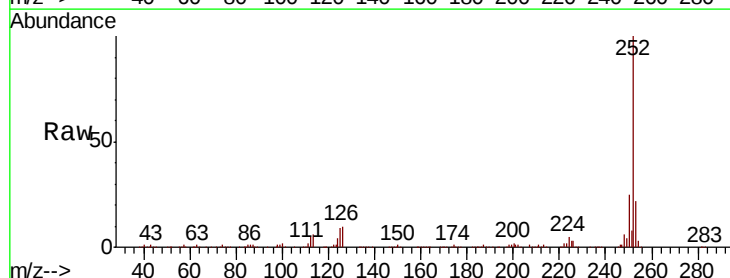
Tgt Ion:252 Resp: 717053

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

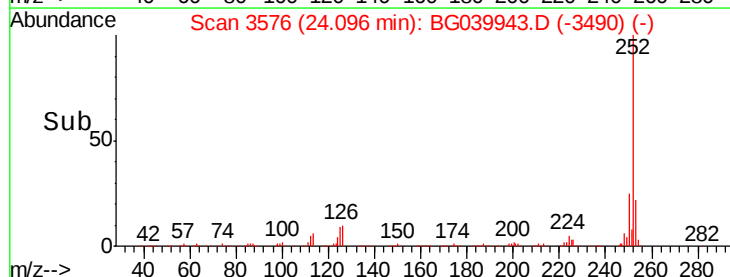
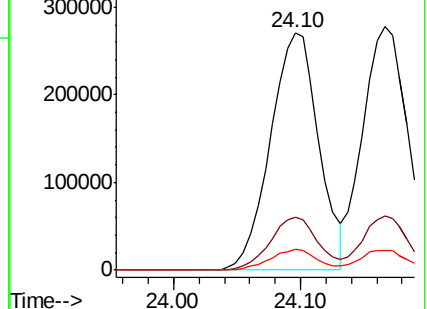
125 8.7 7.8 11.6

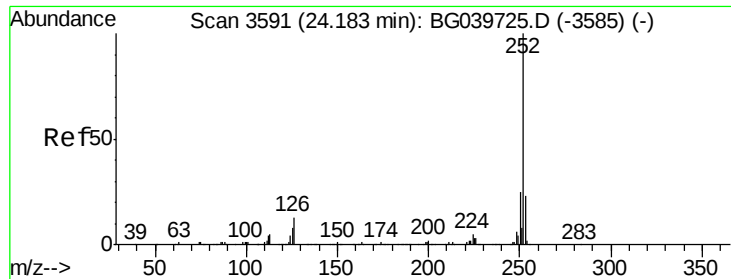


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.405 ng

RT: 24.17 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

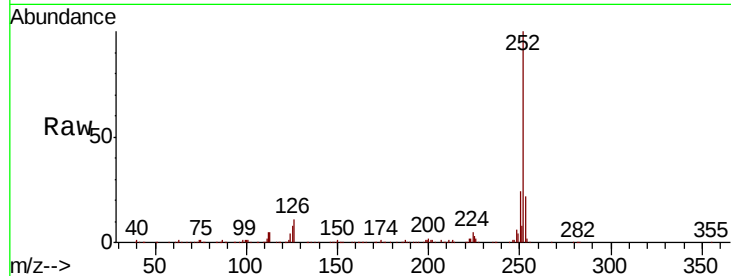
Tgt Ion:252 Resp: 683147

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

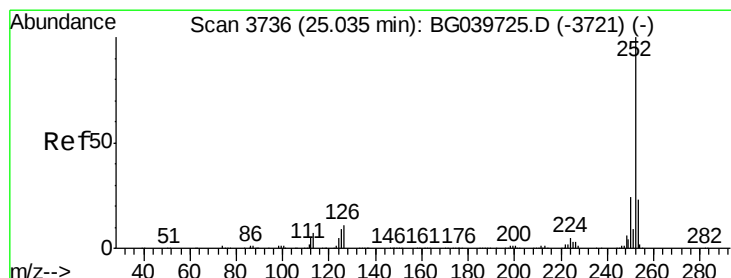
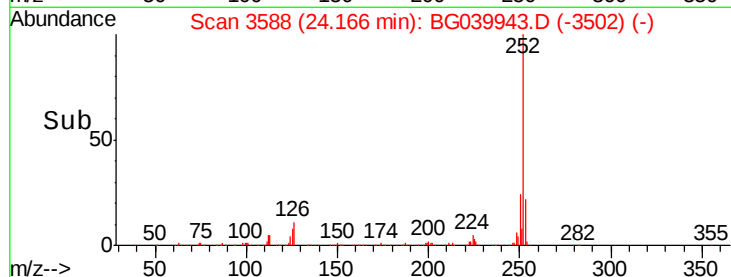
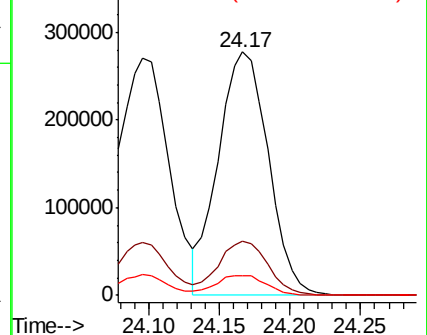
125 8.2 7.4 11.2



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: 47.365 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

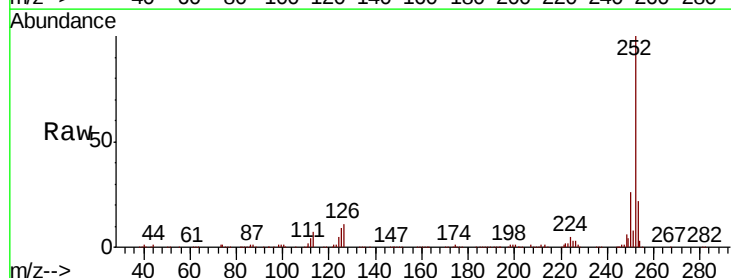
Tgt Ion:252 Resp: 692187

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

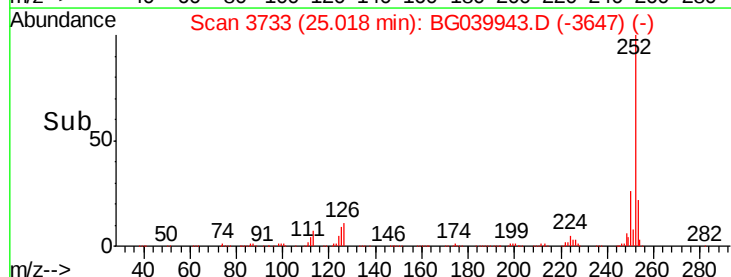
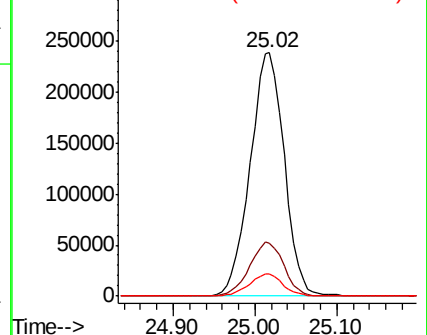
125 9.2 8.3 12.5



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

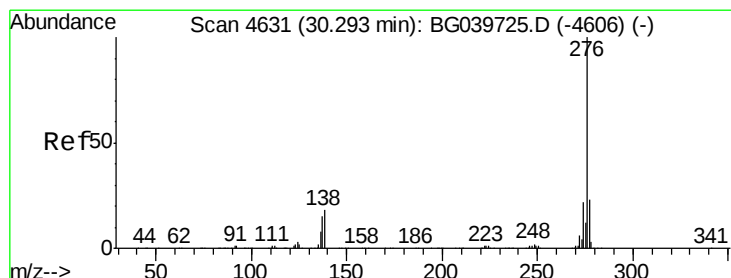
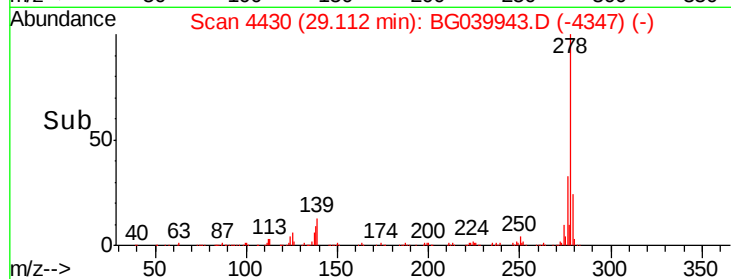
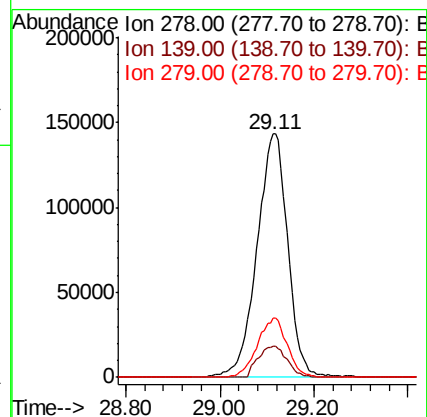
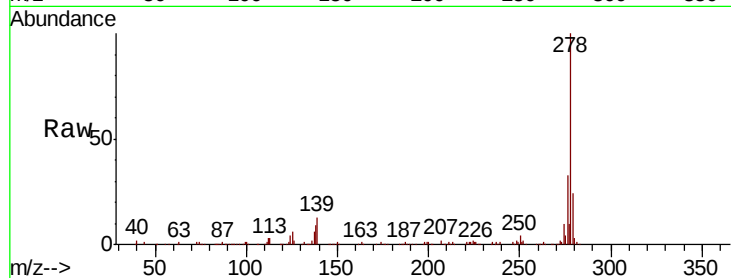




#91
Dibenzo(a,h)anthracene
Concen: 45.635 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tgt Ion:278 Resp: 653810
Ion Ratio Lower Upper
278 100
139 13.0 11.7 17.5
279 24.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.922 ng
RT: 30.27 min Scan# 4627
Delta R.T. -0.04 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:276 Resp: 675159
Ion Ratio Lower Upper
276 100
277 24.1 19.6 29.4
138 16.7 14.7 22.1

