

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039783.D
 Acq On : 6 Mar 2019 12:10
 Operator : JU/SJ
 Sample : PB117613BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Quant Time: Mar 07 00:07:39 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	42260	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	185593	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	128448	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	321398	20.00	ng	0.00
76) Chrysene-d12	21.82	240	324009	20.00	ng	-0.01
87) Perylene-d12	25.18	264	322008	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	354671	143.18	ng	-0.01
7) Phenol-d6	7.30	99	499366	135.20	ng	-0.01
23) Nitrobenzene-d5	9.33	82	260002	75.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	203779	136.11	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	650862	72.15	ng	-0.01
79) Terphenyl-d14	20.12	244	1101658	74.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39303	34.367	ng	99
3) Pyridine	3.99	79	98235	32.085	ng	99
4) n-Nitrosodimethylamine	3.91	42	56260	38.735	ng	89
6) Aniline	7.48	93	139414	28.810	ng	99
8) 2-Chlorophenol	7.72	128	122770	40.852	ng	94
9) Benzaldehyde	7.30	77	78528	32.959	ng	95
10) Phenol	7.33	94	165940	41.472	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	115006	36.865	ng	100
12) 1,3-Dichlorobenzene	8.04	146	124271	36.563	ng	98
13) 1,4-Dichlorobenzene	8.19	146	125798	36.337	ng	97
14) 1,2-Dichlorobenzene	8.51	146	121560	36.341	ng	99
15) Benzyl Alcohol	8.39	79	118721	40.520	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	227092	36.396	ng	98
17) 2-Methylphenol	8.59	107	109595	42.955	ng	97
18) Hexachloroethane	9.24	117	44491	35.816	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	95881	36.066	ng	93
20) 3+4-Methylphenols	8.92	107	150992	42.600	ng	94
22) Acetophenone	8.99	105	184484	37.036	ng	# 96
24) Nitrobenzene	9.38	77	143683	39.912	ng	98
25) Isophorone	9.89	82	271904	37.816	ng	98
26) 2-Nitrophenol	10.09	139	68888	39.633	ng	97
27) 2,4-Dimethylphenol	10.13	122	130440	48.253	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	166761	38.165	ng	99
29) 2,4-Dichlorophenol	10.62	162	138590	45.535	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	132850	38.790	ng	98
31) Naphthalene	11.03	128	378131	38.481	ng	100
32) Benzoic acid	10.26	122	80333	43.930	ng	96
33) 4-Chloroaniline	11.14	127	92440	22.185	ng	93
34) Hexachlorobutadiene	11.29	225	84730	36.204	ng	96
35) Caprolactam	11.92	113	27509	23.661	ng	97
36) 4-Chloro-3-methylphenol	12.24	107	148463	42.553	ng	99
37) 2-Methylnaphthalene	12.62	142	292837	39.861	ng	99
38) 1-Methylnaphthalene	12.84	142	278099	38.953	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	160221	36.820	ng	98

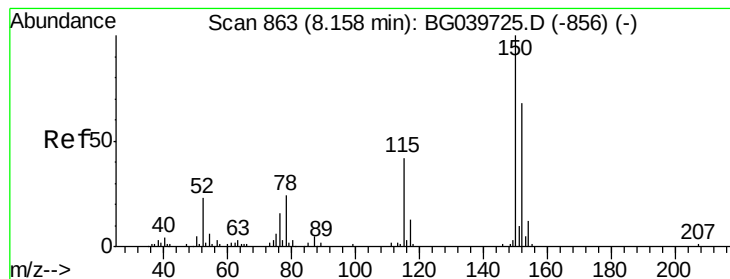
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	207360	88.920	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	115147	45.198	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	124979	43.522	ng	99
46) 1,1'-Biphenyl	13.62	154	400860	37.943	ng	98
47) 2-Chloronaphthalene	13.66	162	310645	39.086	ng	98
48) 2-Nitroaniline	13.88	65	106422	41.666	ng	90
49) Acenaphthylene	14.51	152	500113	38.332	ng	99
50) Dimethylphthalate	14.23	163	417647	38.885	ng	100
51) 2,6-Dinitrotoluene	14.36	165	91846	40.337	ng	92
52) Acenaphthene	14.84	154	304278	38.748	ng	99
53) 3-Nitroaniline	14.69	138	64170	28.036	ng	# 93
54) 2,4-Dinitrophenol	14.90	184	97345	68.594	ng	98
55) Dibenzofuran	15.18	168	502008	38.964	ng	98
56) 4-Nitrophenol	14.99	139	166136	81.140	ng	91
57) 2,4-Dinitrotoluene	15.14	165	133249	41.648	ng	# 91
58) Fluorene	15.83	166	399082	39.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	122469	43.669	ng	98
60) Diethylphthalate	15.58	149	427552	40.212	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	213354	39.475	ng	98
62) 4-Nitroaniline	15.86	138	101290	40.820	ng	95
63) Azobenzene	16.11	77	383126	39.751	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	75182	39.563	ng	91
66) n-Nitrosodiphenylamine	16.03	169	374511	40.250	ng	97
67) 4-Bromophenyl-phenylether	16.71	248	140062	38.933	ng	95
68) Hexachlorobenzene	16.82	284	143485	38.477	ng	94
69) Atrazine	16.97	200	149442	40.810	ng	98
70) Pentachlorophenol	17.17	266	187129	79.457	ng	99
71) Phenanthrene	17.57	178	688271	38.879	ng	99
72) Anthracene	17.66	178	698505	40.490	ng	99
73) Carbazole	17.93	167	618865	39.793	ng	98
74) Di-n-butylphthalate	18.46	149	748099	40.883	ng	100
75) Fluoranthene	19.57	202	831821	39.759	ng	98
77) Benzidine	19.75	184	390808	38.010	ng	98
78) Pyrene	19.93	202	813726	38.649	ng	99
80) Butylbenzylphthalate	20.80	149	345504	42.357	ng	97
81) Benzo(a)anthracene	21.79	228	780131	38.418	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	182574	24.626	ng	98
83) Chrysene	21.86	228	749150	38.054	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	485377	42.345	ng	99
85) Di-n-octyl phthalate	22.92	149	815752	42.981	ng	97
86) Indeno(1,2,3-cd)pyrene	29.07	276	885482	39.648	ng	# 95
88) Benzo(b)fluoranthene	24.11	252	778527	40.544	ng	99
89) Benzo(k)fluoranthene	24.18	252	745030	41.682	ng	99
90) Benzo(a)pyrene	25.03	252	754233	42.507	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	717861	41.268	ng	98
92) Benzo(g,h,i)perylene	30.30	276	736134	42.136	ng	97

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

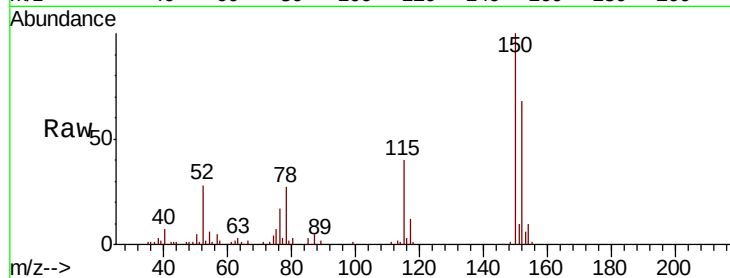


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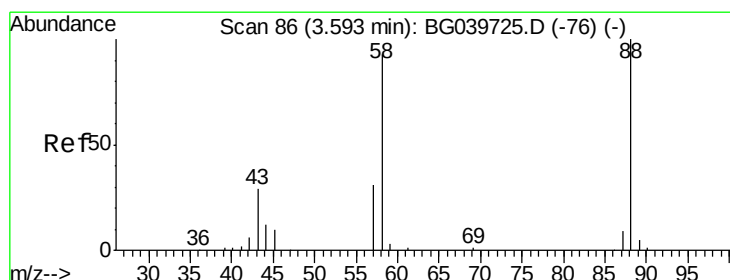
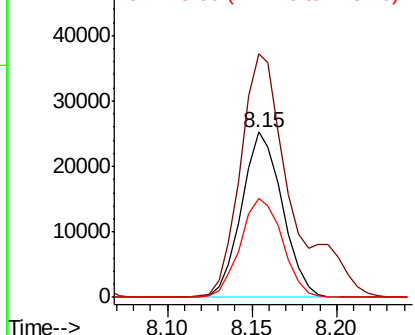
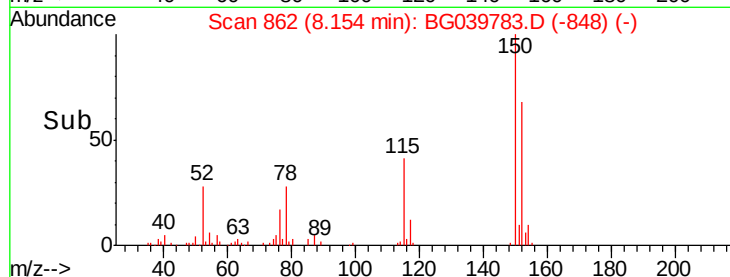
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:152 Resp: 42260
Ion Ratio Lower Upper
152 100
150 147.2 123.7 185.5
115 59.5 45.9 68.9



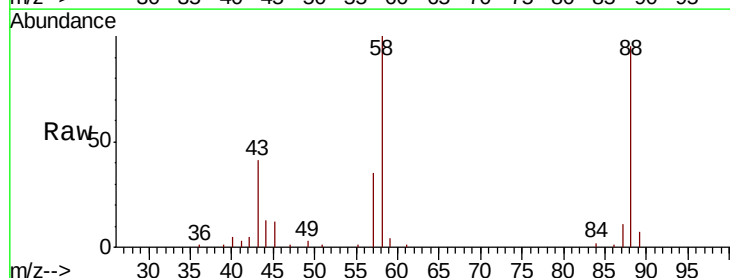
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



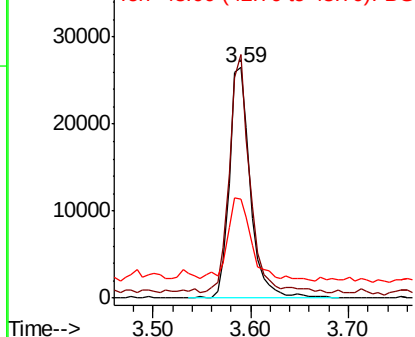
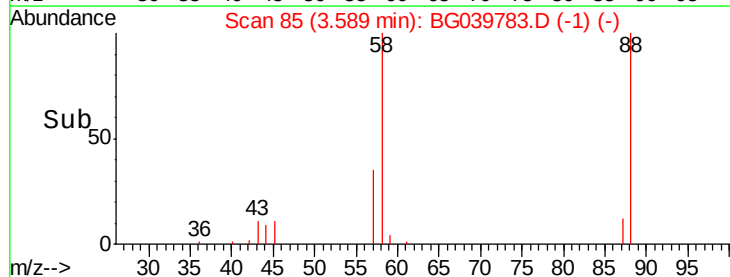
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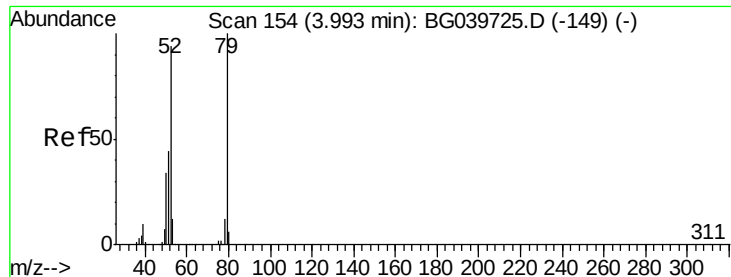
1,4-Dioxane
Concen: 34.367 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion: 88 Resp: 39303
Ion Ratio Lower Upper
88 100
58 100.6 81.1 121.7
43 38.3 31.4 47.0



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





#3

Pyridine

Concen: 32.085 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

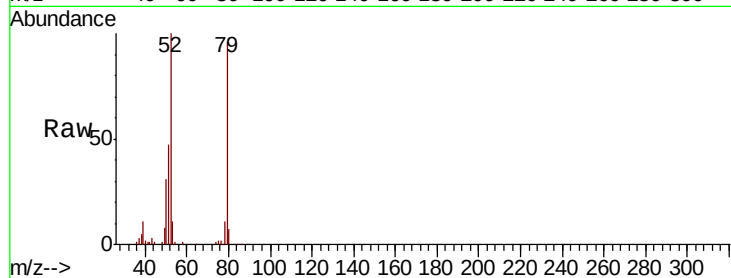
Tgt Ion: 79 Resp: 98235

Ion Ratio Lower Upper

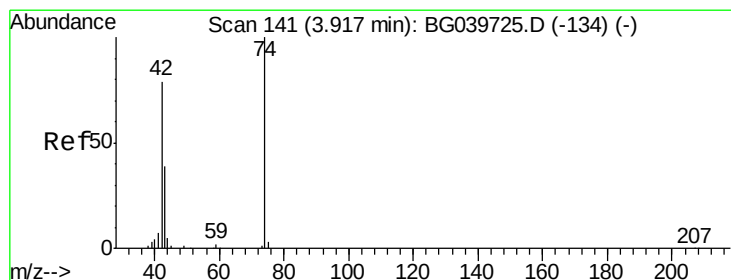
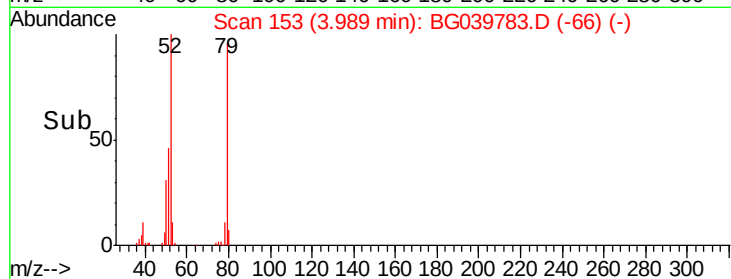
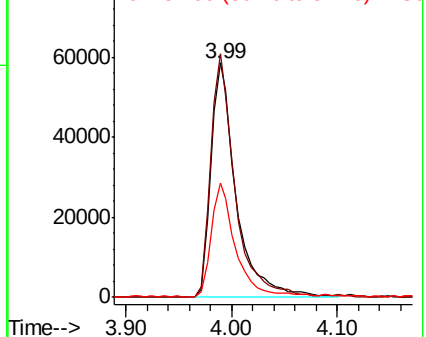
79 100

52 104.0 82.6 124.0

51 48.7 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.735 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

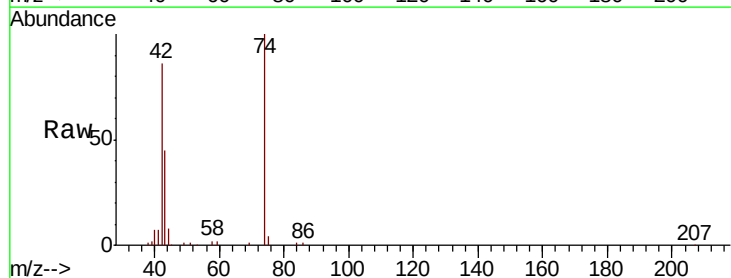
Tgt Ion: 42 Resp: 56260

Ion Ratio Lower Upper

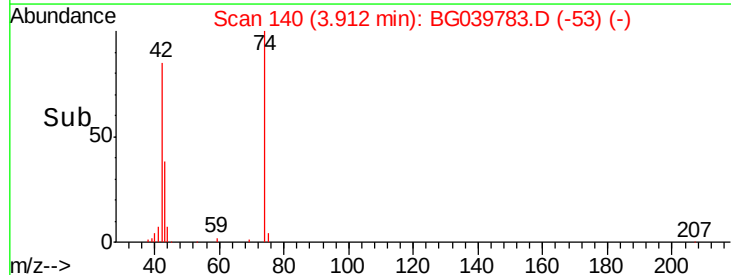
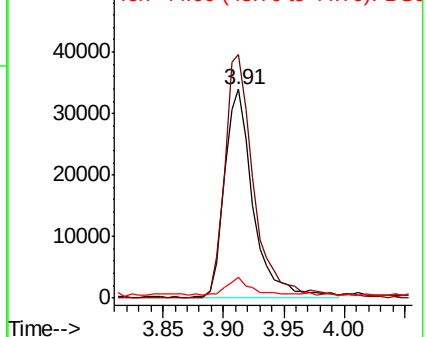
42 100

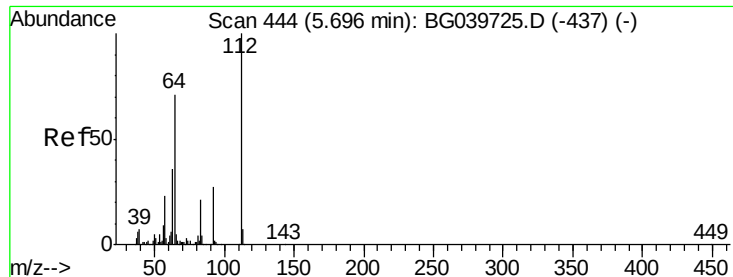
74 116.5 83.6 125.4

44 9.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 143.178 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

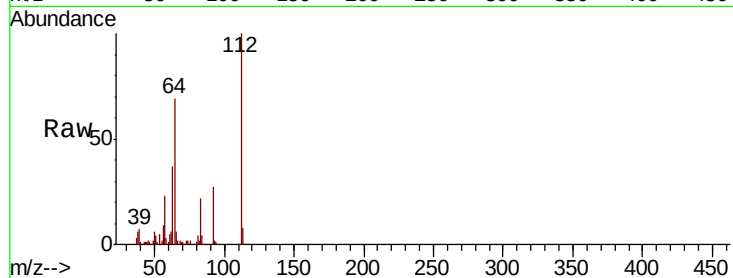
Tgt Ion:112 Resp: 354671

Ion Ratio Lower Upper

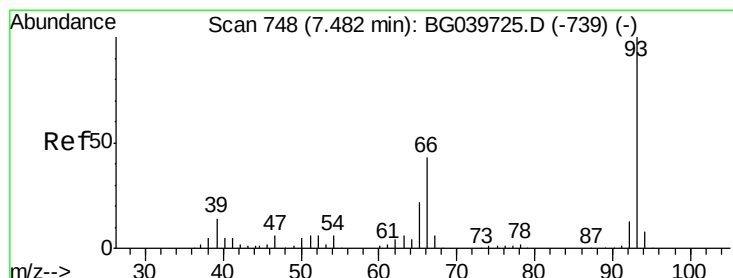
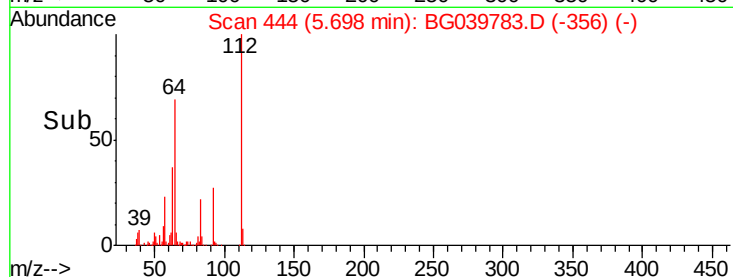
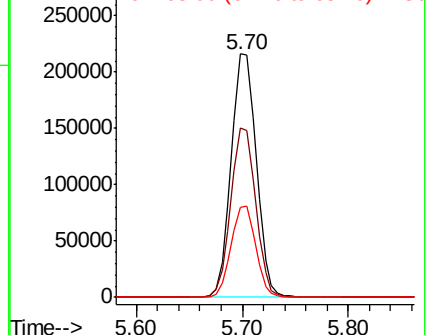
112 100

64 69.4 57.8 86.8

63 37.1 29.8 44.6



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



#6

Aniline

Concen: 28.810 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

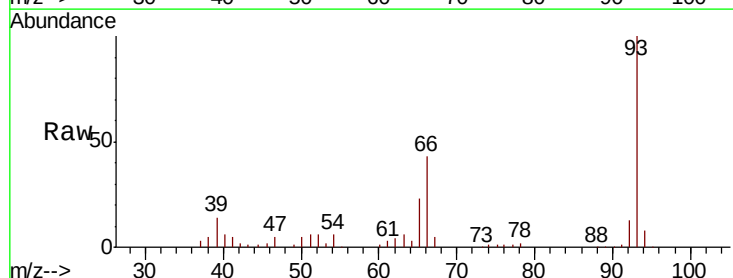
Tgt Ion: 93 Resp: 139414

Ion Ratio Lower Upper

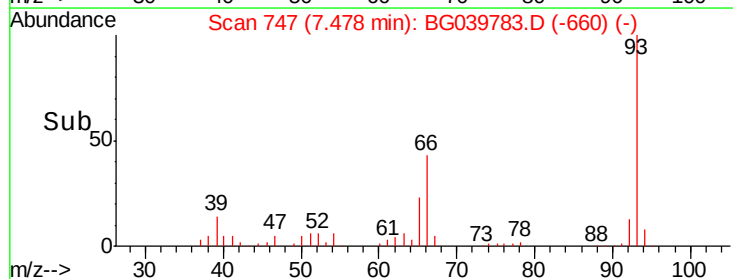
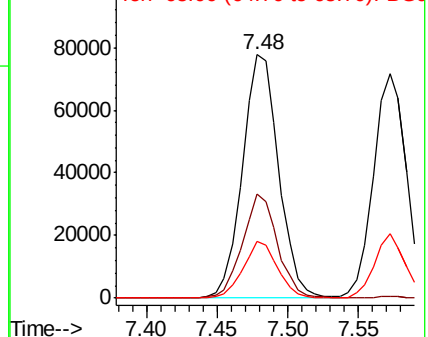
93 100

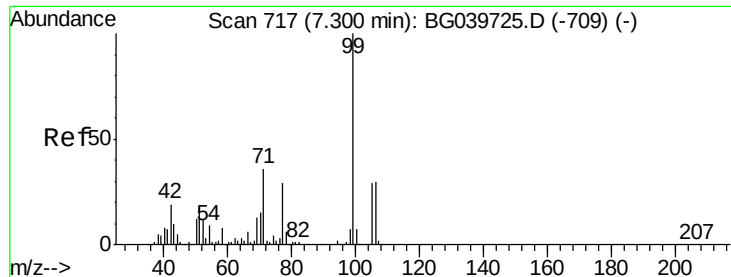
66 42.7 34.2 51.4

65 23.2 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.200 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

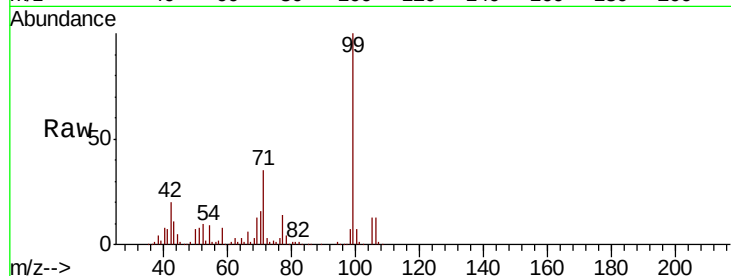
Tgt Ion: 99 Resp: 499366

Ion Ratio Lower Upper

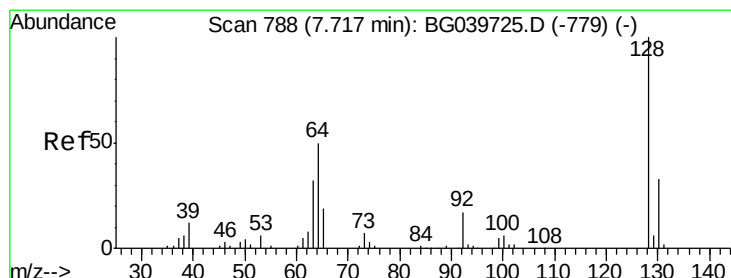
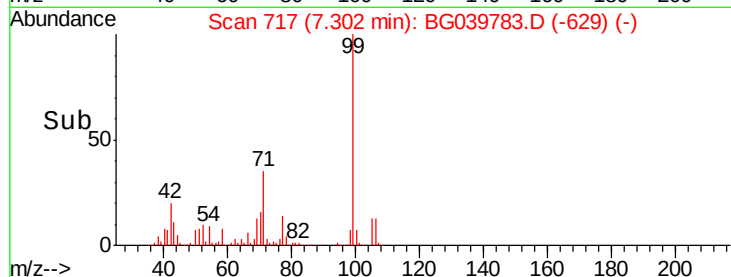
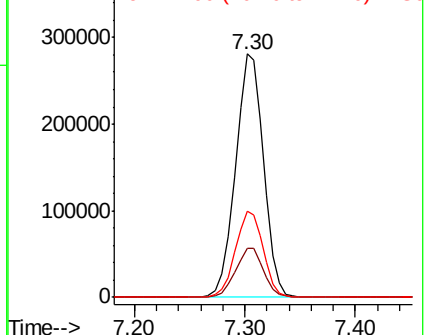
99 100

42 20.4 18.2 27.2

71 35.2 28.0 42.0



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



#8

2-Chlorophenol

Concen: 40.852 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

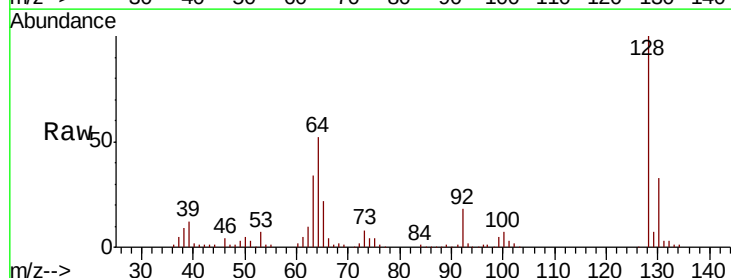
Tgt Ion: 128 Resp: 122770

Ion Ratio Lower Upper

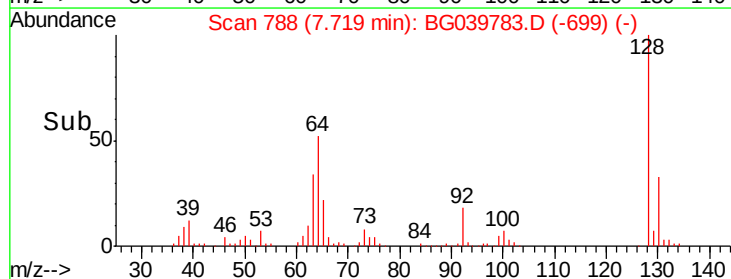
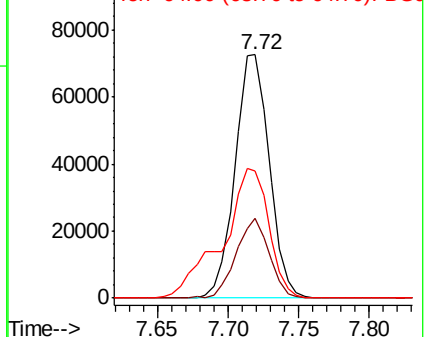
128 100

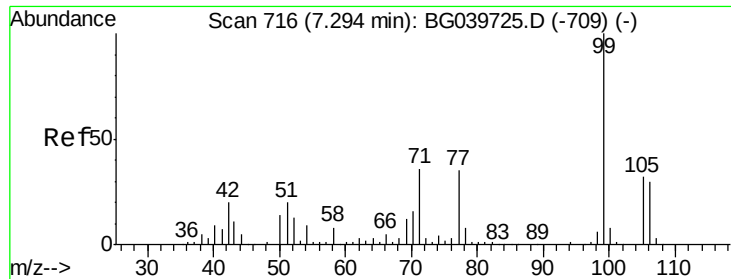
130 32.8 12.9 52.9

64 52.1 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: 32.959 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

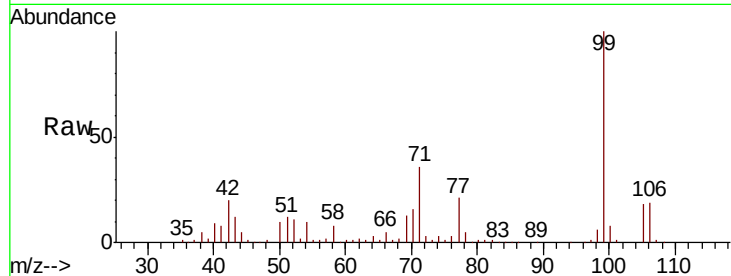
Tgt Ion: 77 Resp: 78528

Ion Ratio Lower Upper

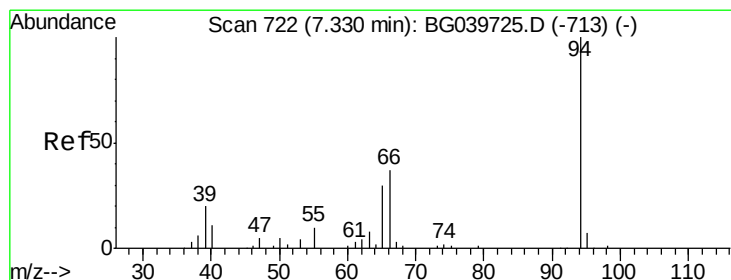
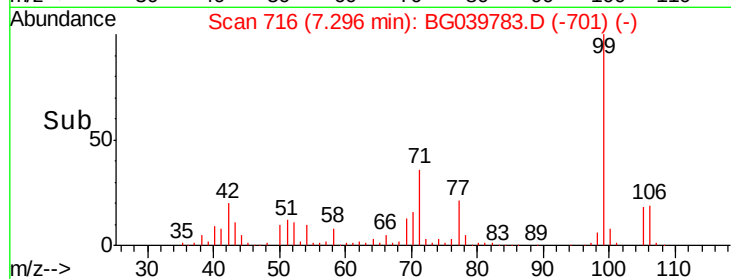
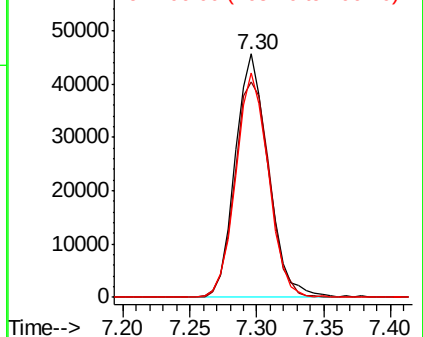
77 100

105 88.7 74.5 114.5

106 92.4 68.0 108.0



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



#10

Phenol

Concen: 41.472 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

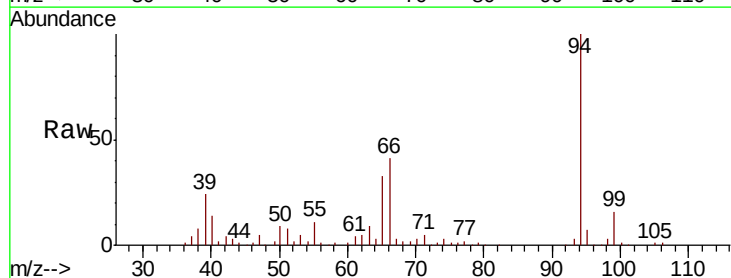
Tgt Ion: 94 Resp: 165940

Ion Ratio Lower Upper

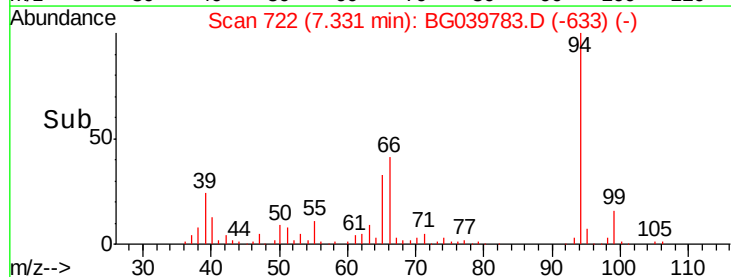
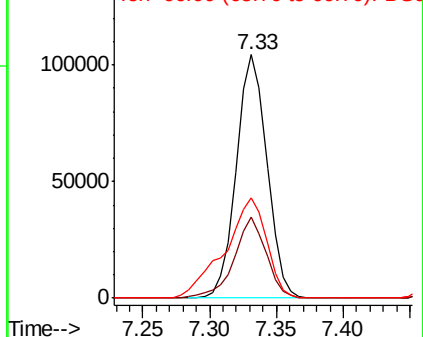
94 100

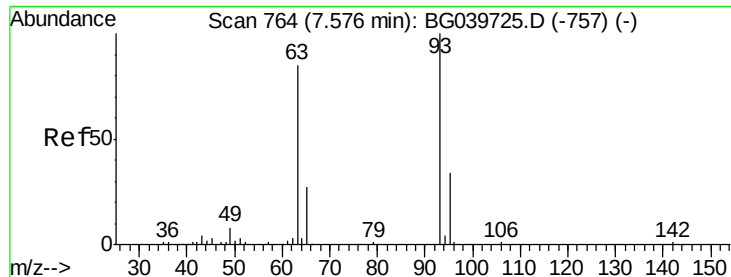
65 33.2 11.7 51.7

66 41.1 23.7 63.7



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

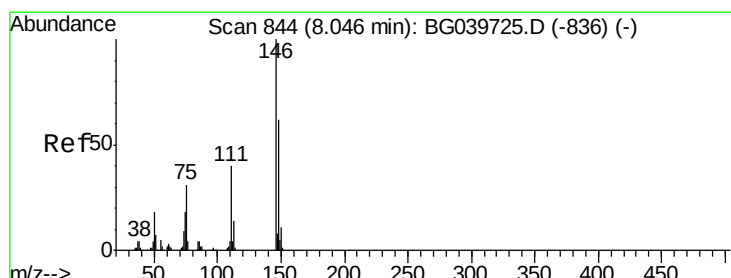
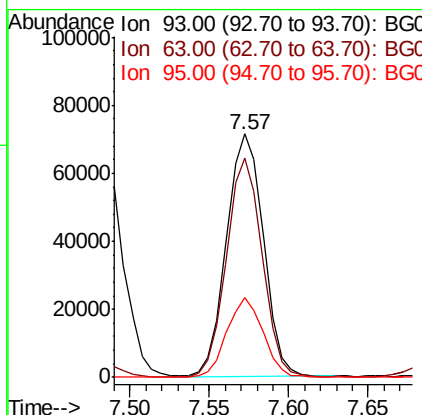
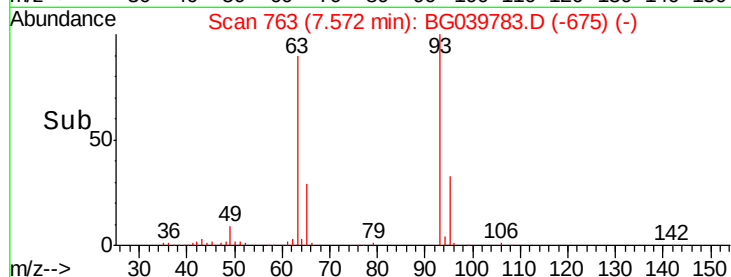
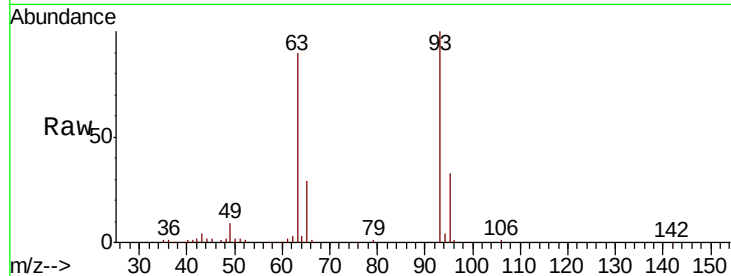




#11
bis(2-Chloroethyl)ether
Concen: 36.865 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

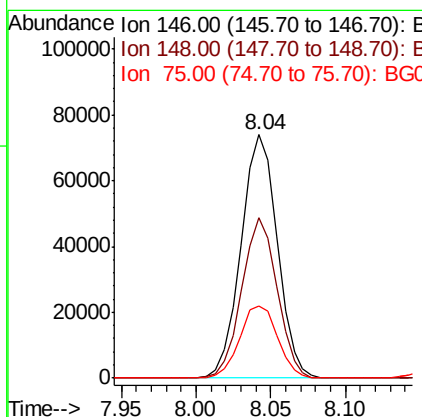
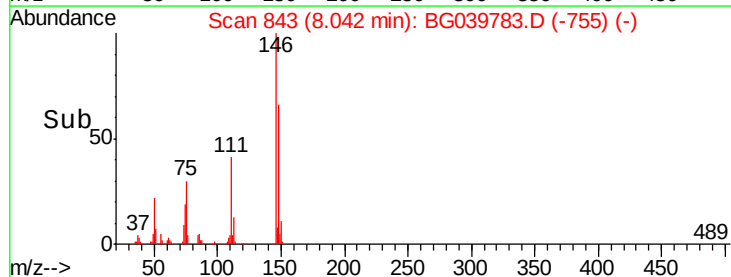
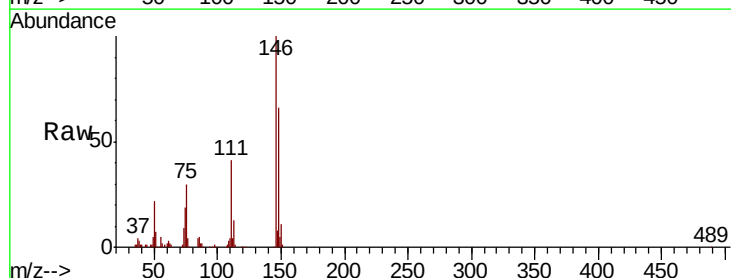
Instrument :
BNA_G
ClientSampleId :
PB117613BS

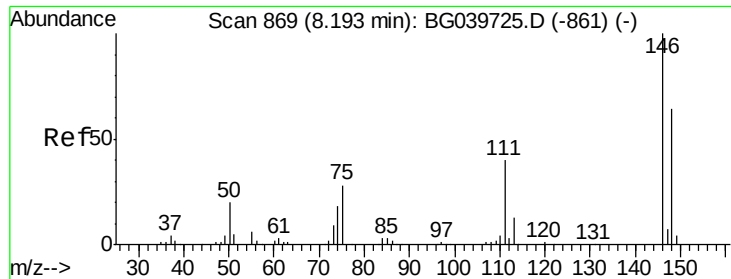
Tgt Ion: 93 Resp: 115006
Ion Ratio Lower Upper
93 100
63 89.9 69.5 109.5
95 33.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 36.563 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion: 146 Resp: 124271
Ion Ratio Lower Upper
146 100
148 65.8 52.6 79.0
75 29.5 25.8 38.6

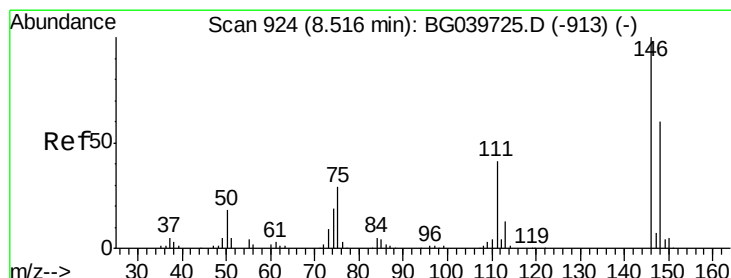
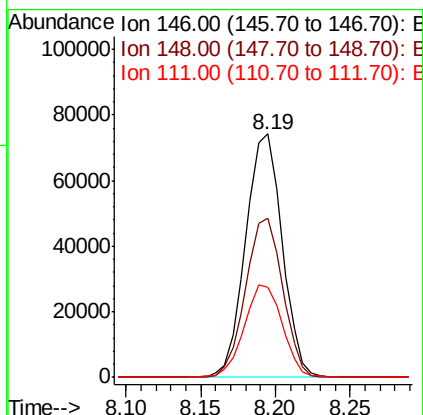
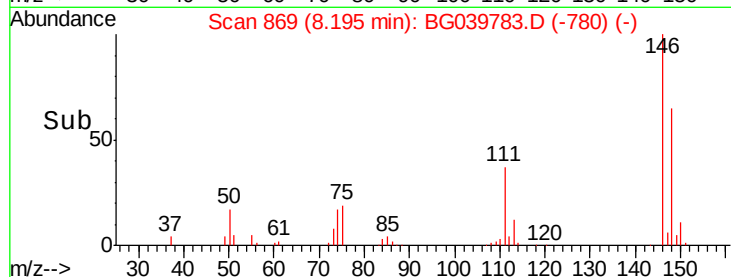
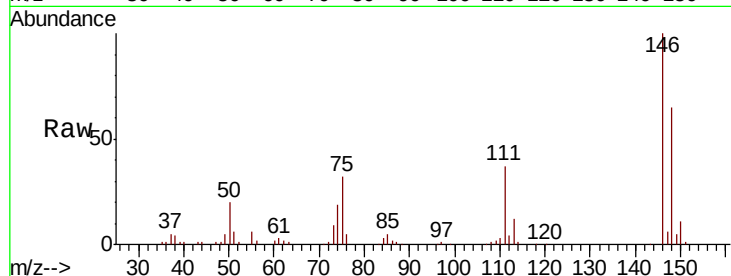




#13
 1,4-Dichlorobenzene
 Concen: 36.337 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

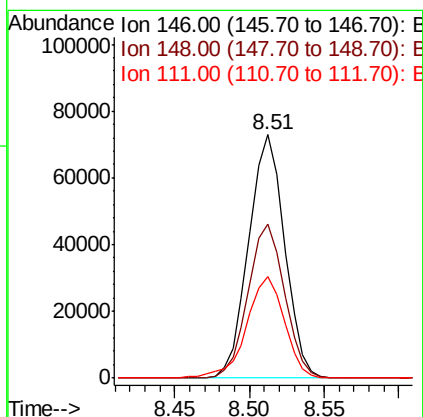
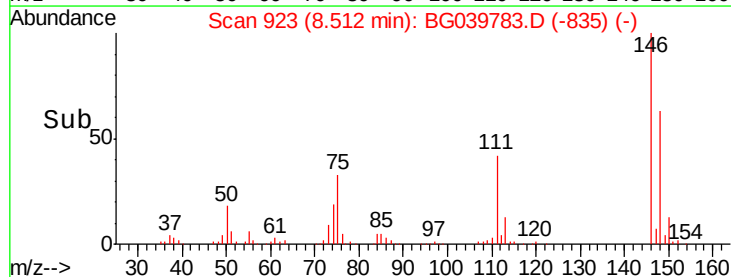
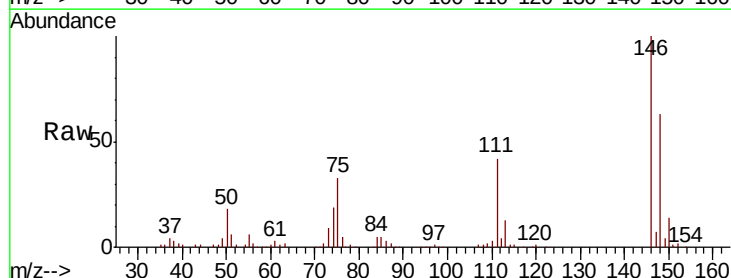
Instrument :
 BNA_G
 ClientSampleID :
 PB117613BS

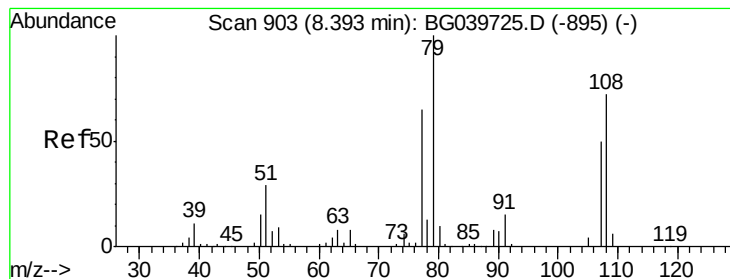
Tgt Ion:146 Resp: 125798
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 37.0 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 36.341 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Tgt Ion:146 Resp: 121560
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.5 77.3
 111 41.7 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.520 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

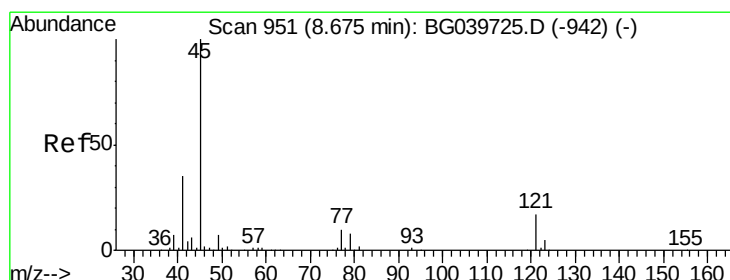
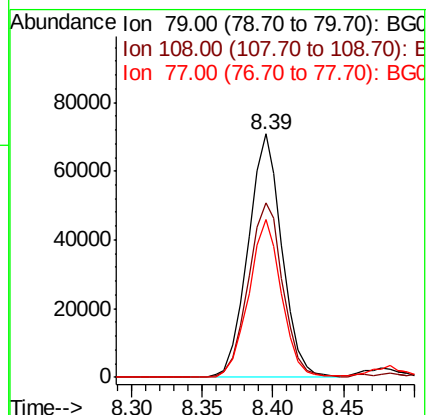
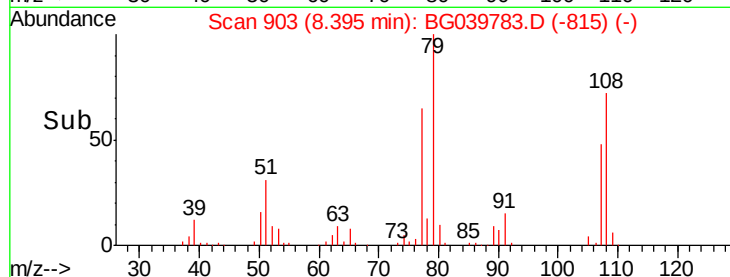
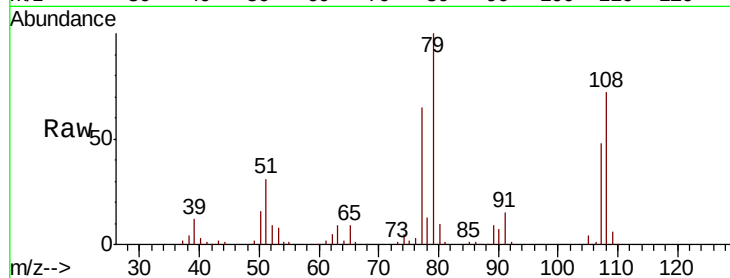
Tgt Ion: 79 Resp: 118721

Ion Ratio Lower Upper

79 100

108 71.5 57.8 86.6

77 65.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.396 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

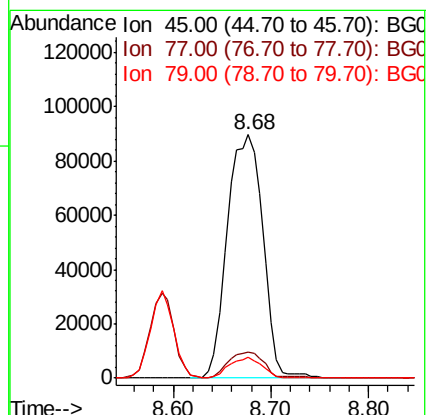
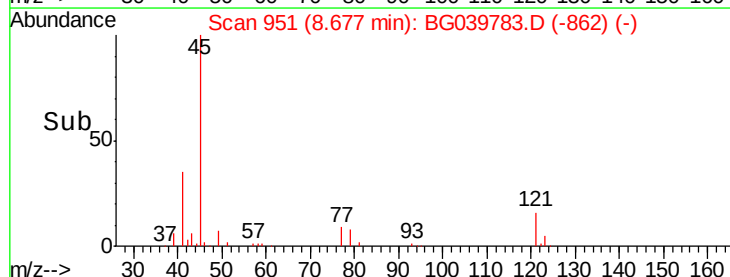
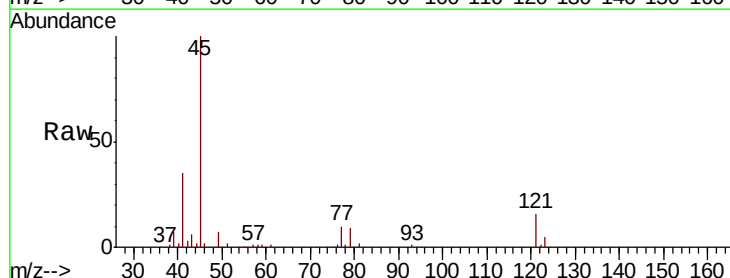
Tgt Ion: 45 Resp: 227092

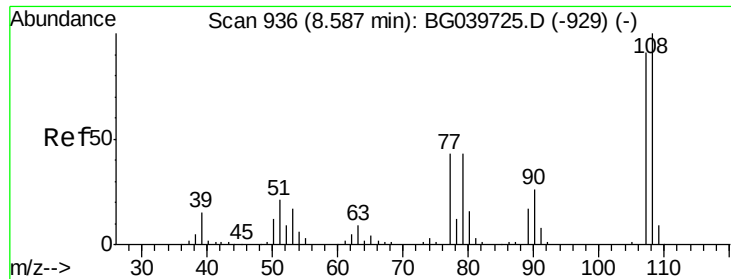
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.0

79 8.6 0.0 27.5

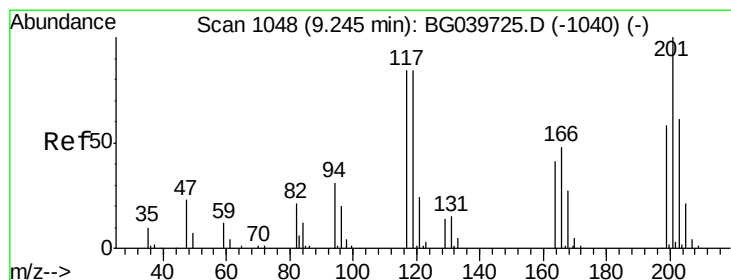
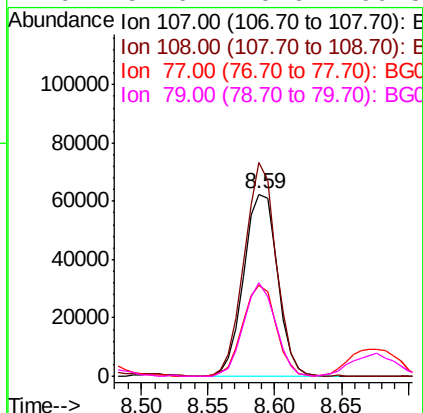
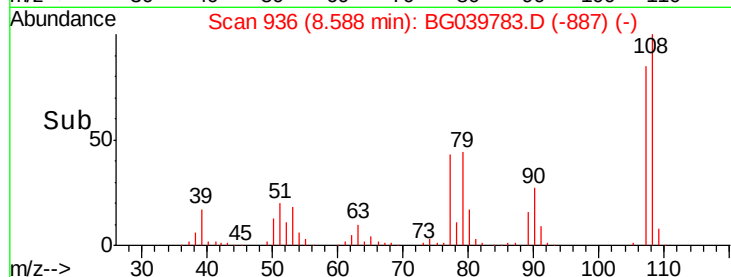
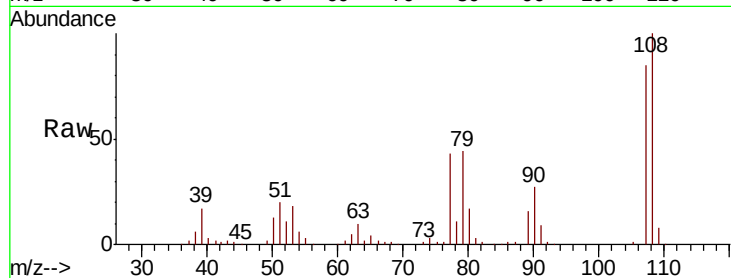




#17
2-Methylphenol
Concen: 42.955 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

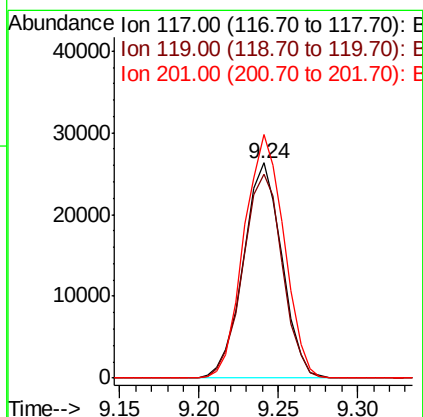
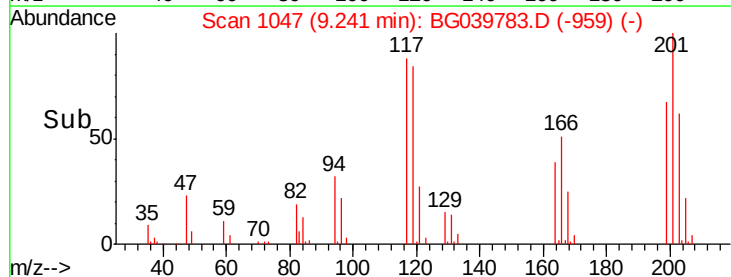
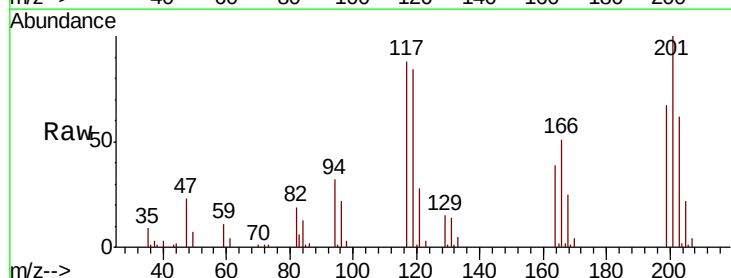
Instrument :
BNA_G
ClientSampleId :
PB117613BS

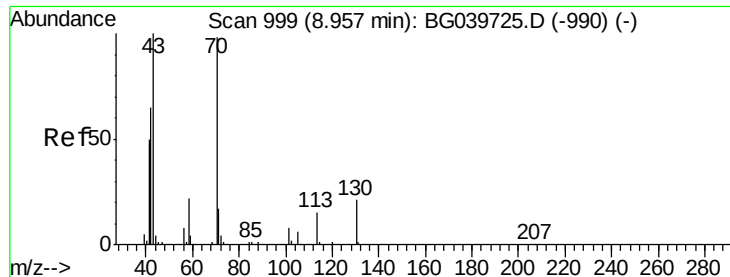
Tgt Ion	Ratio	Lower	Upper
107	100		
108	117.5	90.8	136.2
77	50.1	40.7	61.1
79	51.6	40.6	60.8



#18
Hexachloroethane
Concen: 35.816 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.3	114.5
201	113.2	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.066 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

Tgt Ion: 70 Resp: 95881

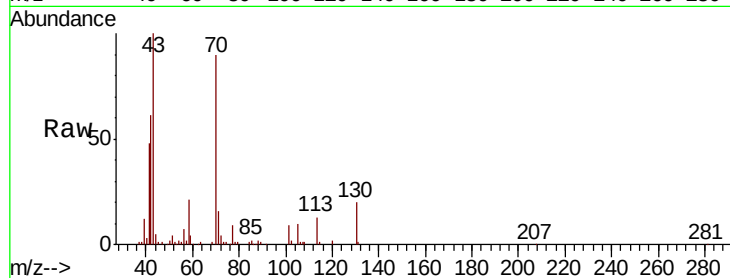
Ion Ratio Lower Upper

70 100

42 68.0 60.4 90.6

101 10.1 7.5 11.3

130 22.2 16.9 25.3

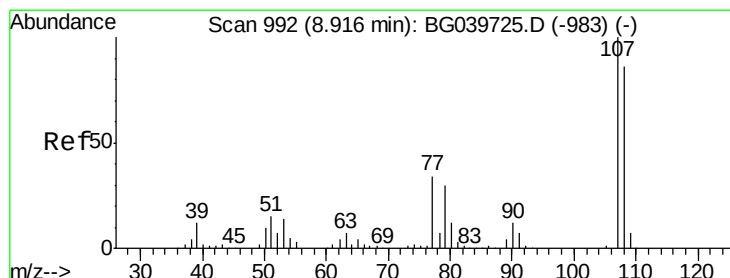
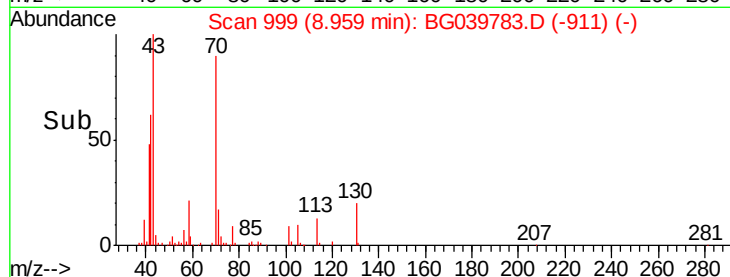
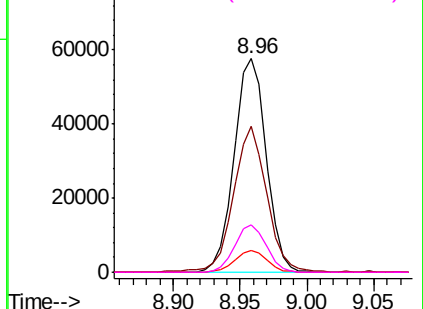


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.600 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Tgt Ion: 107 Resp: 150992

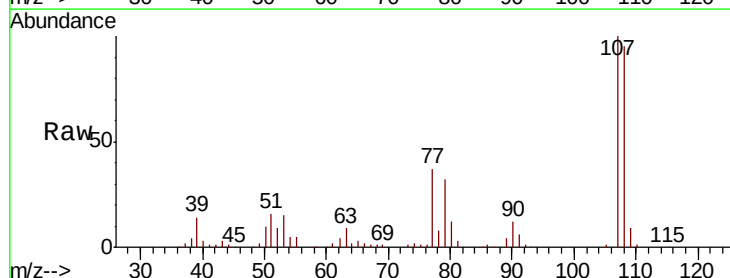
Ion Ratio Lower Upper

107 100

108 94.9 67.9 107.9

77 36.8 15.4 55.4

79 31.7 13.7 53.7

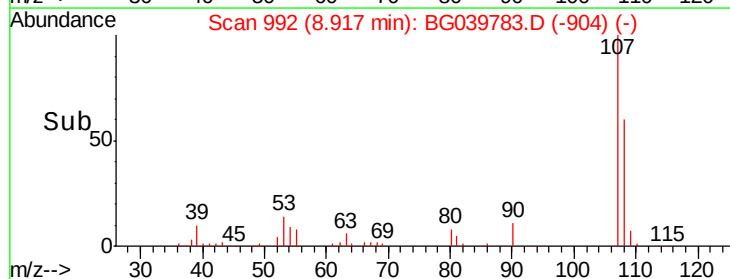
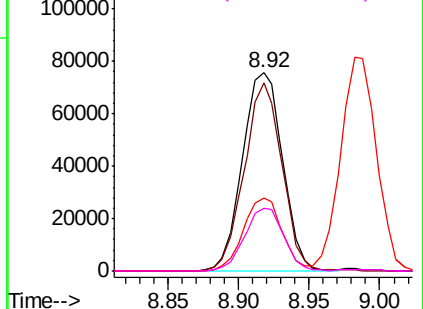


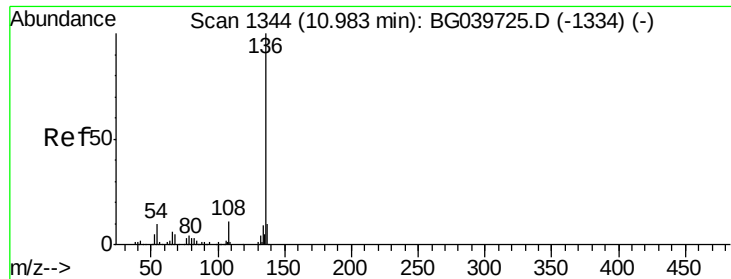
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

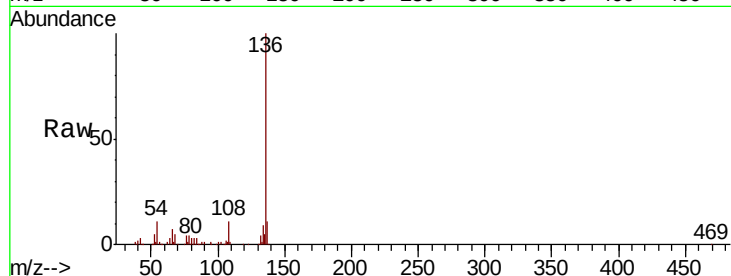




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:	136	Resp:	185593
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.6	9.4	14.2
68	5.4	4.2	6.4



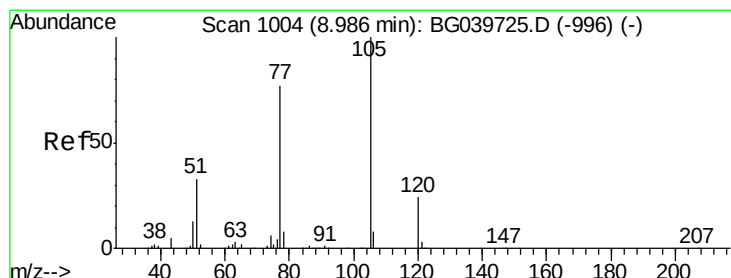
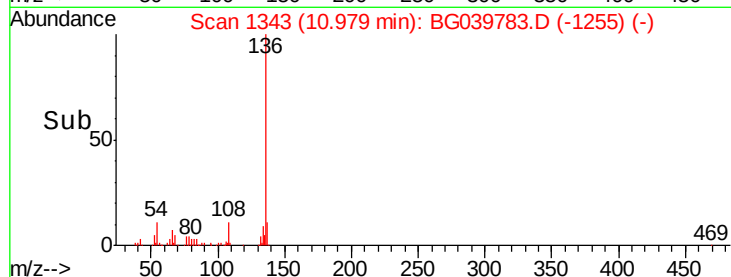
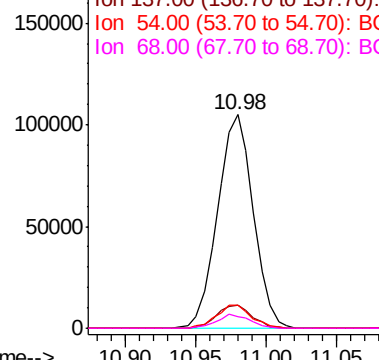
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

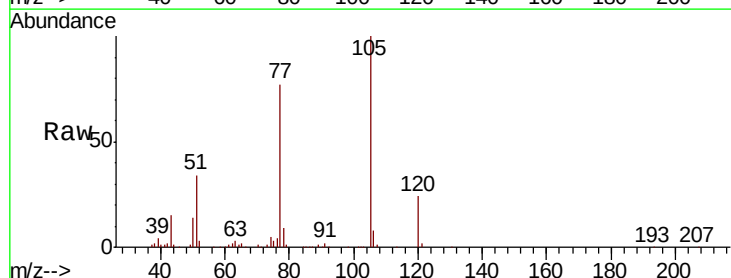
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.036 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion:	105	Resp:	184484
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	34.2	30.2	45.2
120	23.5	18.0	27.0



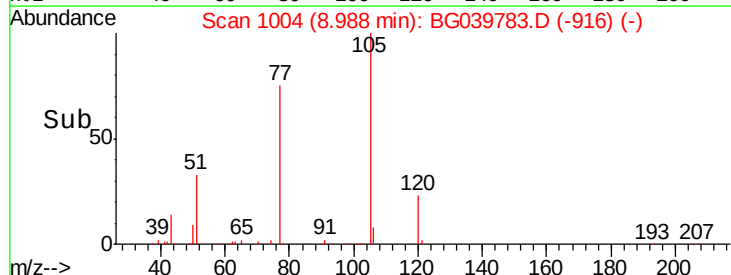
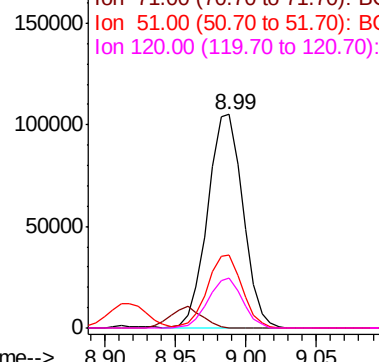
Abundance

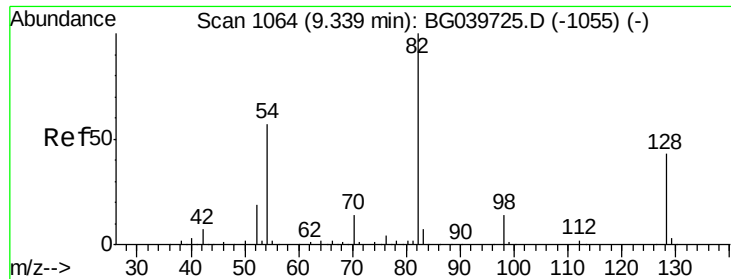
Ion 105.00 (104.70 to 105.70): E

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

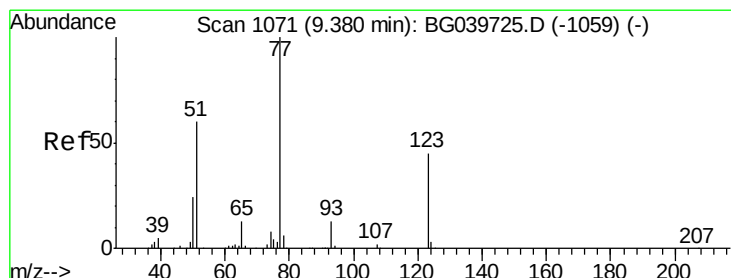
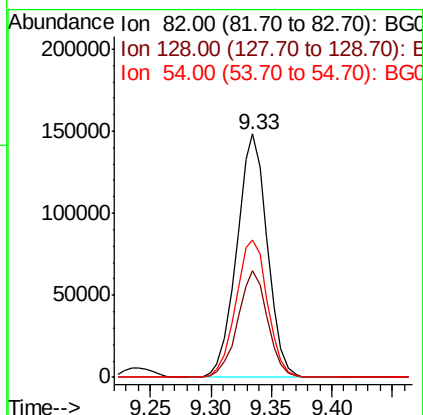
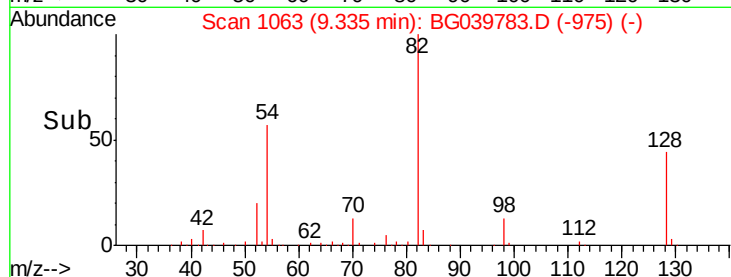
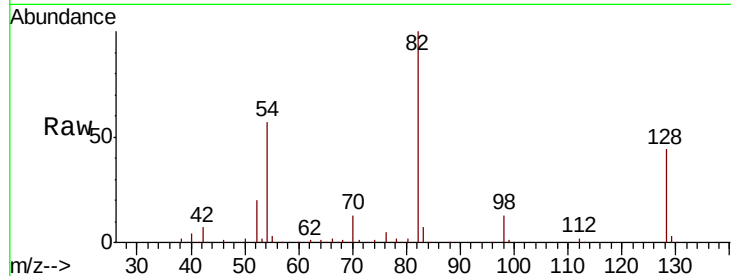




#23
Nitrobenzene-d5
Concen: 75.768 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

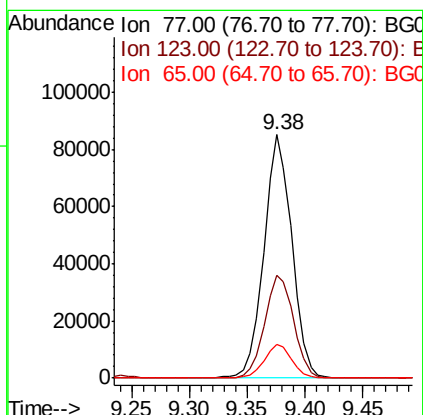
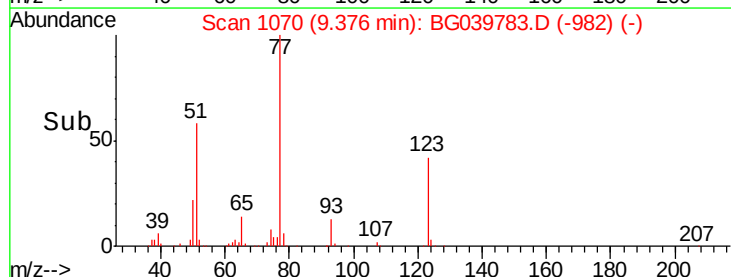
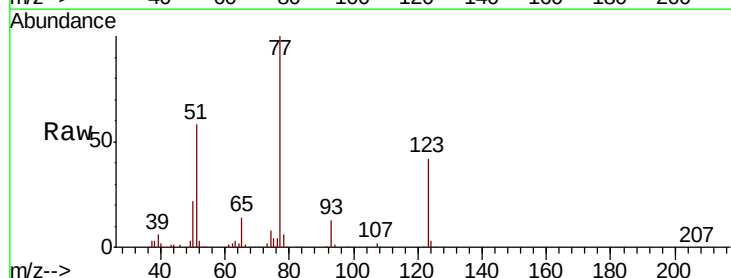
Instrument :
BNA_G
ClientSampleId :
PB117613BS

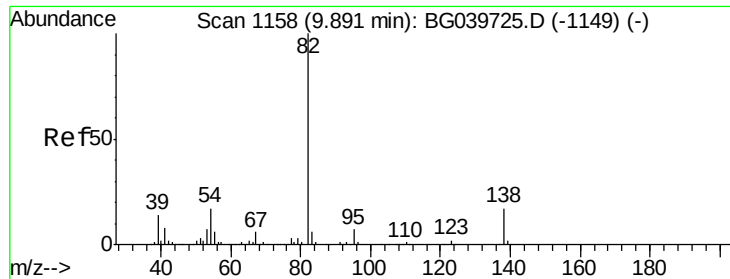
Tgt Ion: 82 Resp: 260002
Ion Ratio Lower Upper
82 100
128 43.7 31.3 46.9
54 56.6 50.9 76.3



#24
Nitrobenzene
Concen: 39.912 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion: 77 Resp: 143683
Ion Ratio Lower Upper
77 100
123 42.2 34.1 51.1
65 13.6 12.3 18.5

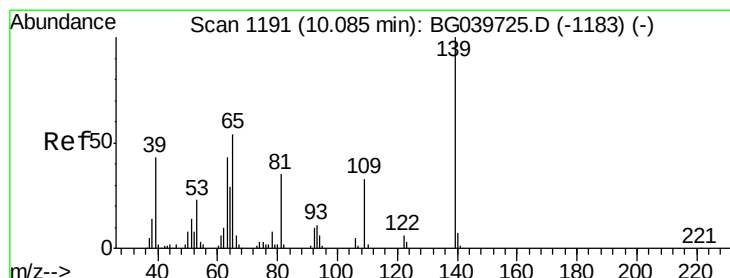
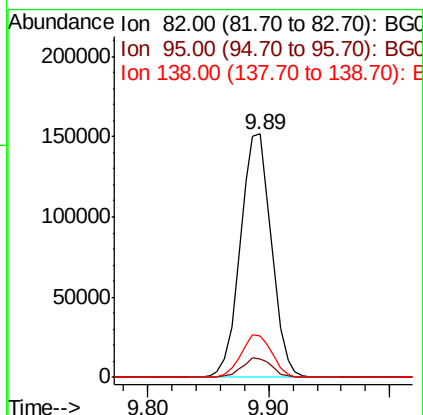
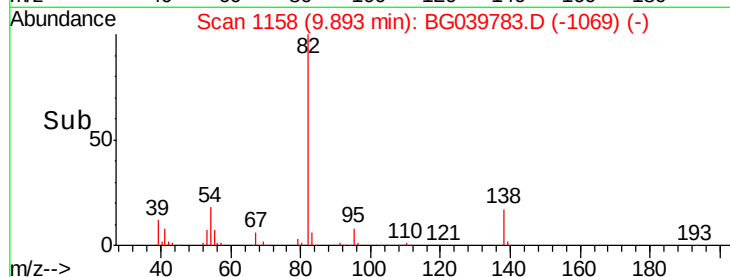
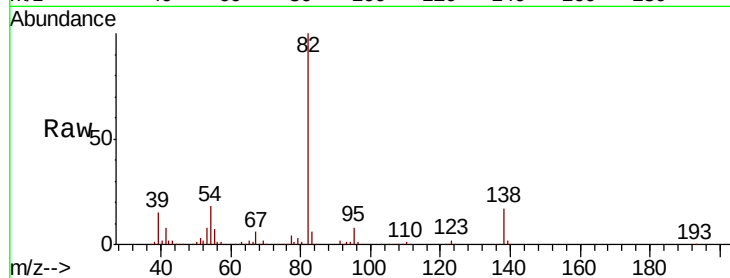




#25
Isophorone
Concen: 37.816 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

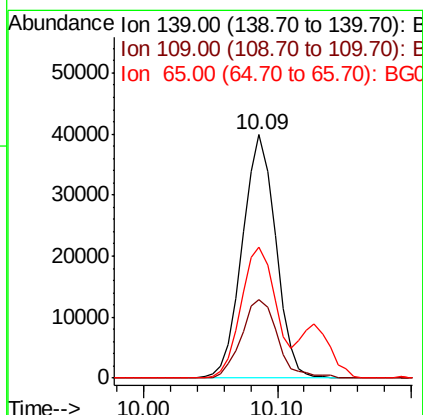
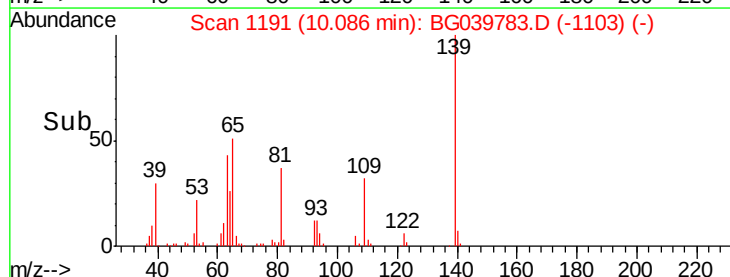
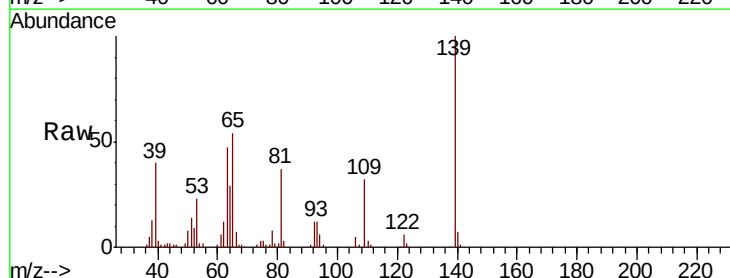
Instrument :
BNA_G
ClientSampleId :
PB117613BS

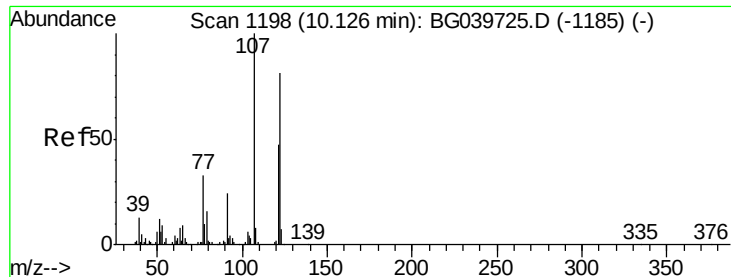
Tgt Ion: 82 Resp: 271904
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 17.0 13.0 19.4



#26
2-Nitrophenol
Concen: 39.633 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion: 139 Resp: 68888
Ion Ratio Lower Upper
139 100
109 32.0 23.4 35.0
65 53.8 44.3 66.5

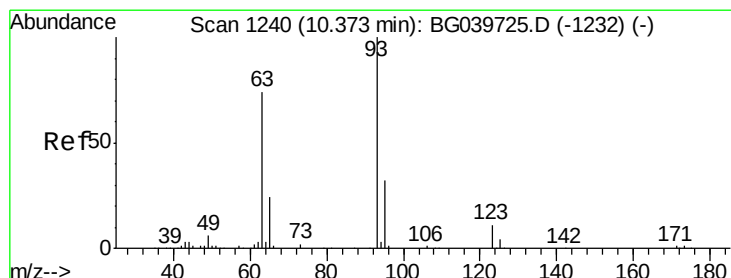
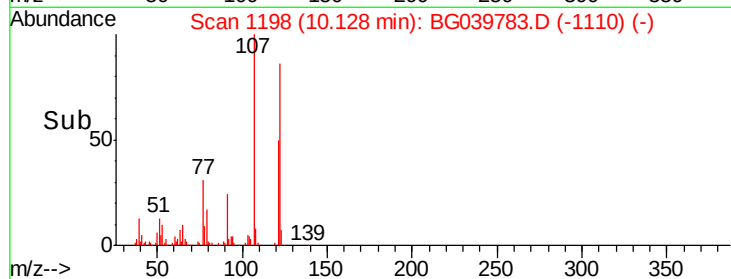
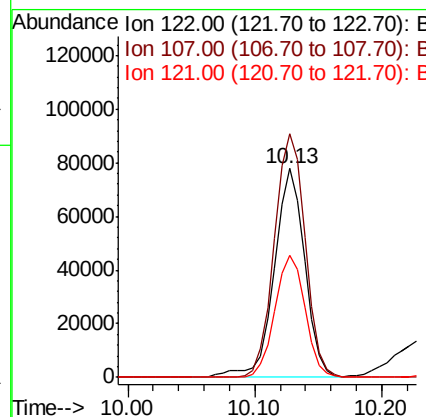
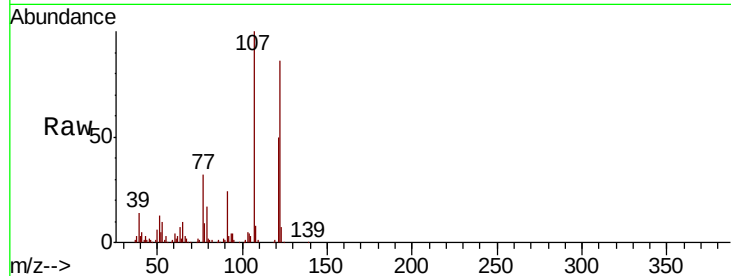




#27
 2,4-Dimethylphenol
 Concen: 48.253 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

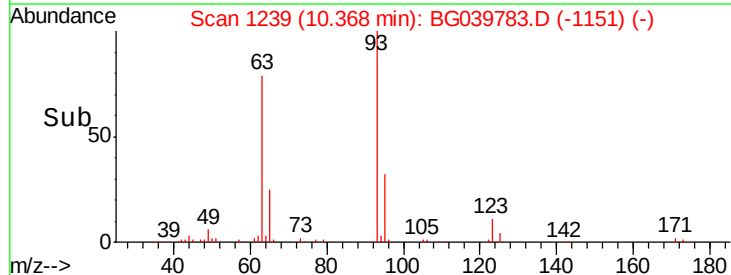
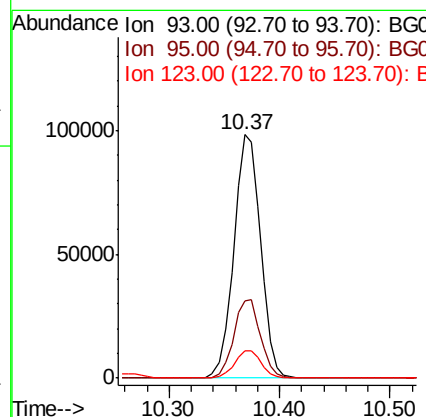
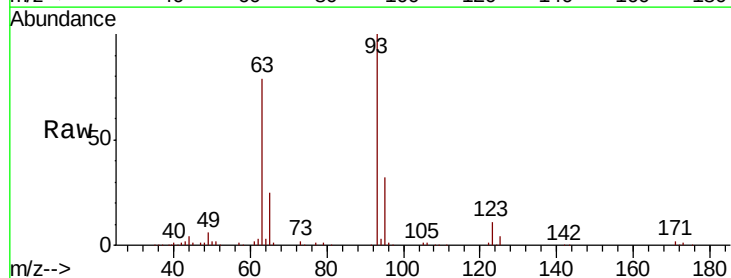
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

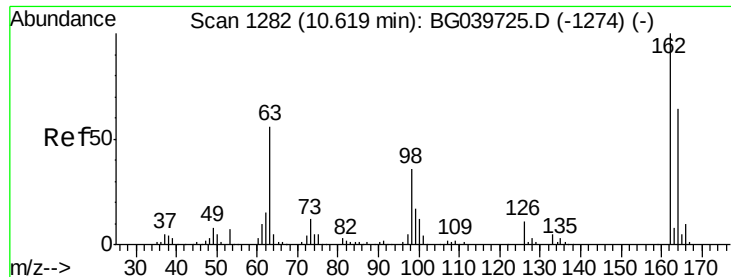
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.5	91.7	137.5
121	58.1	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.165 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.0	37.4
123	11.2	8.6	12.8

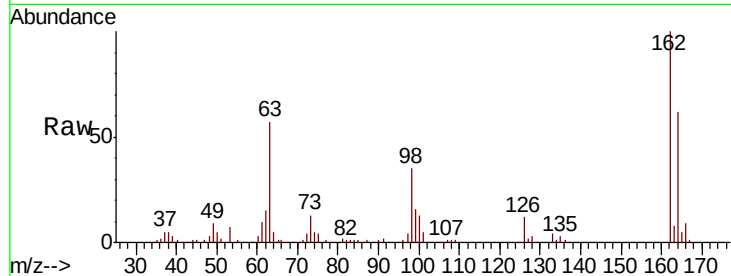




#29
 2,4-Dichlorophenol
 Concen: 45.535 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	48.1	88.1
98	34.8	18.1	58.1

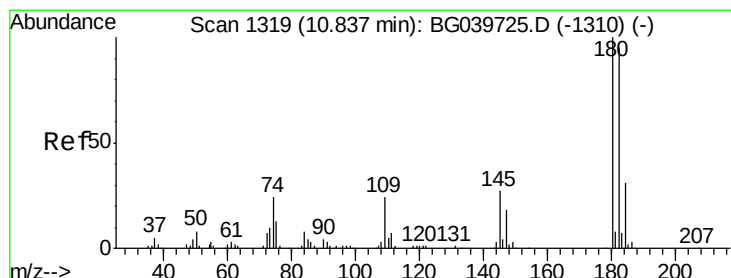
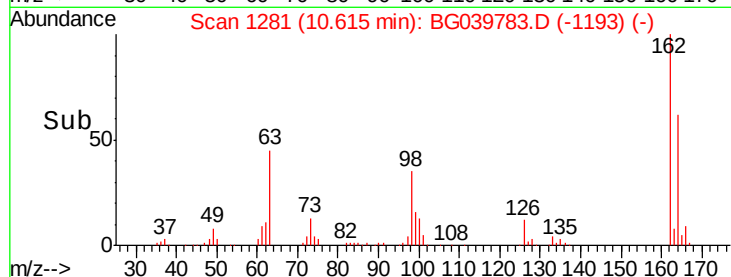
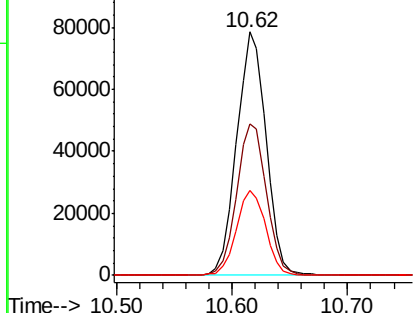


Abundance

Ion 162.00 (161.70 to 162.70): E

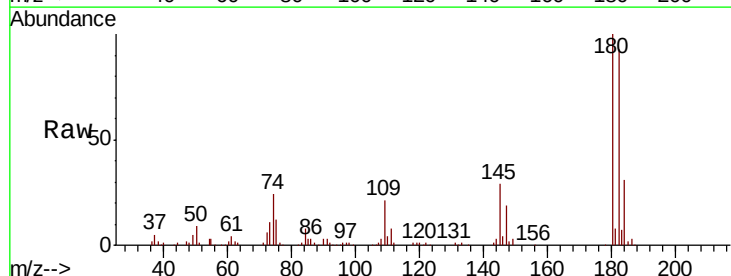
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.790 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.0	114.0
145	28.7	22.7	34.1

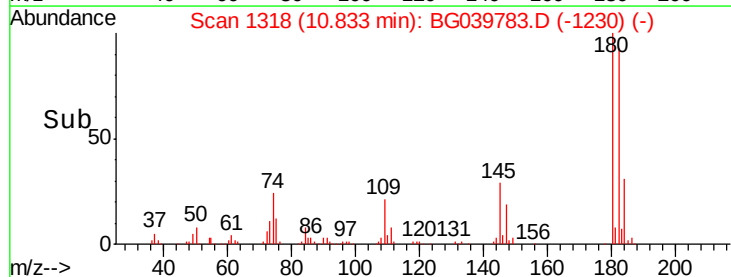
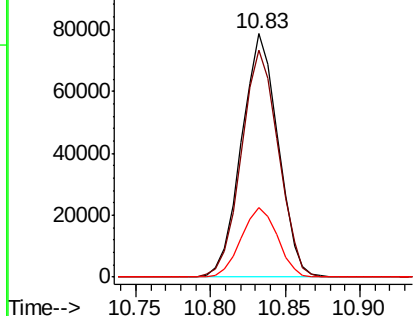


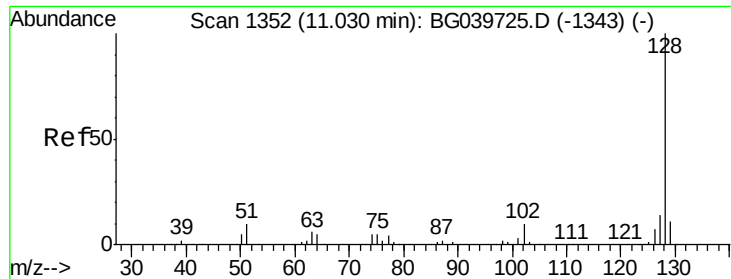
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

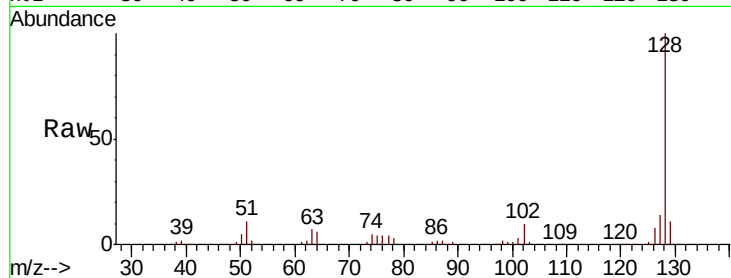




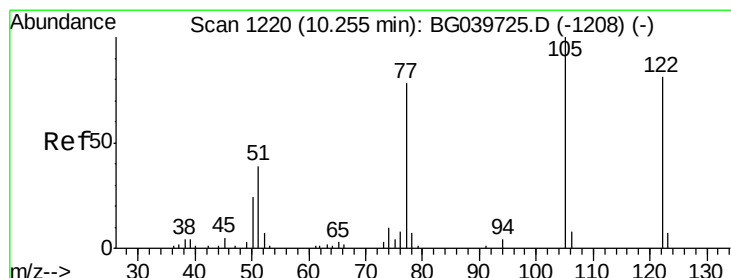
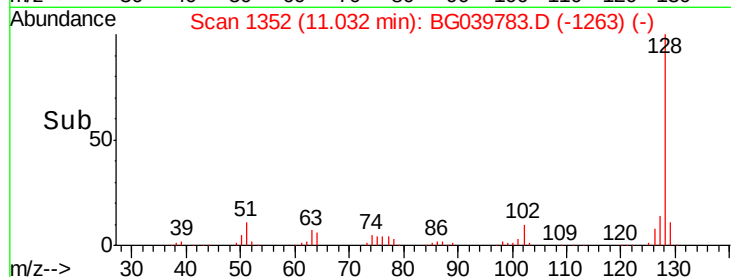
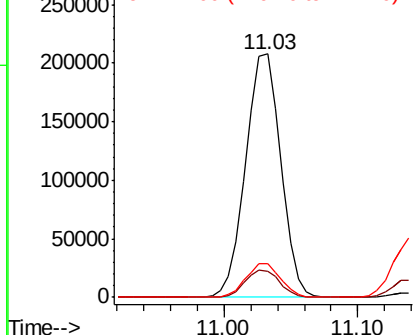
#31
Naphthalene
Concen: 38.481 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:128 Resp: 378131
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.6 10.8 16.2

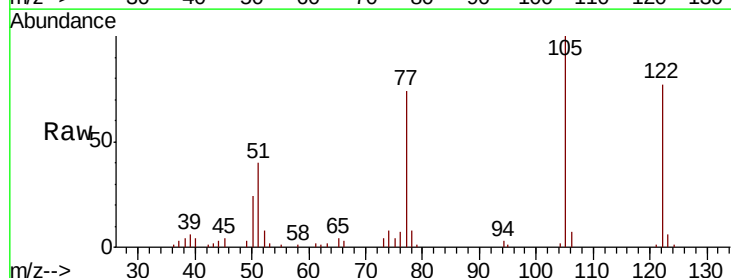


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

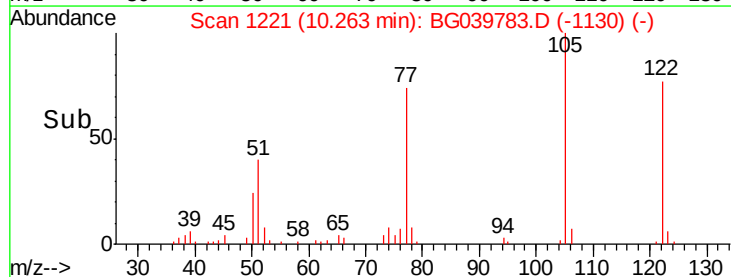
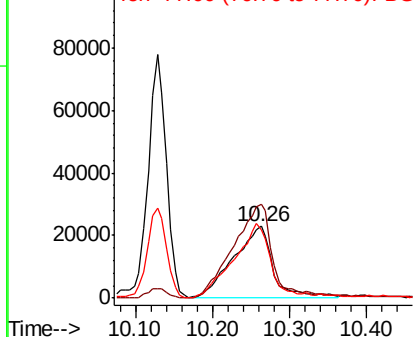


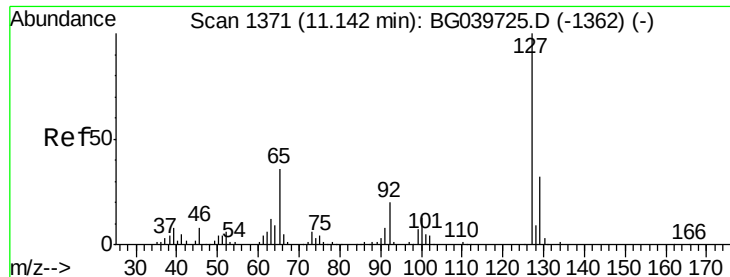
#32
Benzoic acid
Concen: 43.930 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion:122 Resp: 80333
Ion Ratio Lower Upper
122 100
105 130.3 101.8 141.8
77 95.9 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

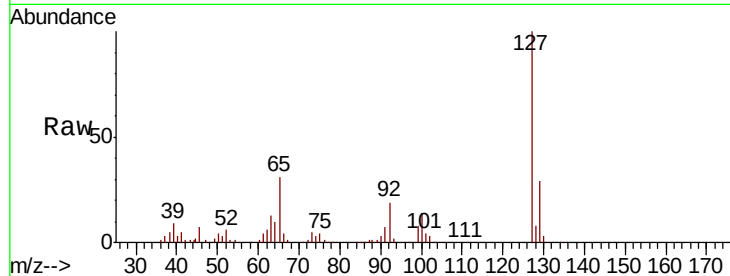




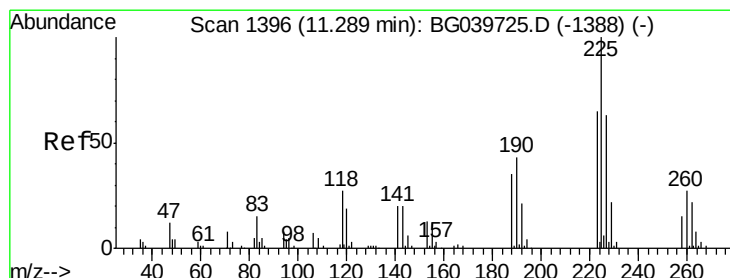
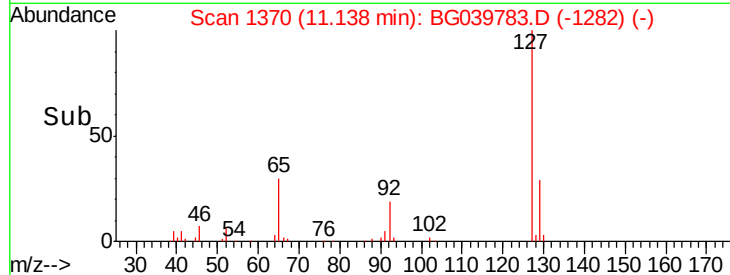
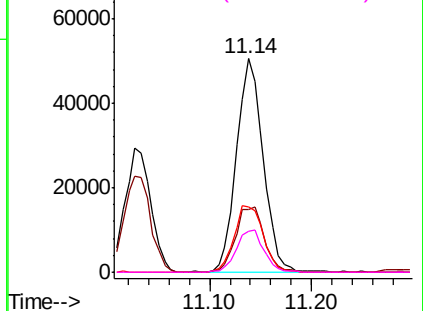
#33
 4-Chloroaniline
 Concen: 22.185 ng
 RT: 11.14 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion:	127	Resp:	92440
Ion	Ratio	Lower	Upper
127	100		
129	29.5	27.0	40.4
65	30.8	28.8	43.2
92	19.4	16.6	25.0

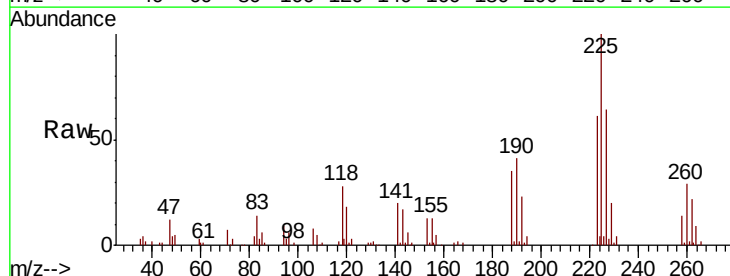


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

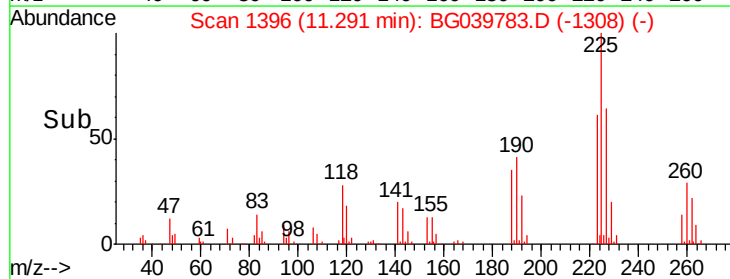
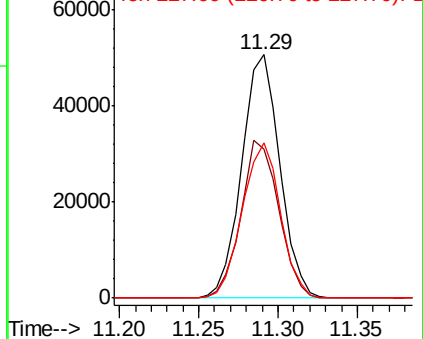


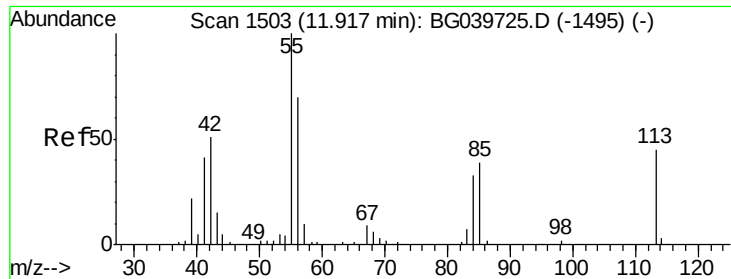
#34
 Hexachlorobutadiene
 Concen: 36.204 ng
 RT: 11.29 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Tgt Ion:	225	Resp:	84730
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.0	73.6
227	63.8	46.3	69.5



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

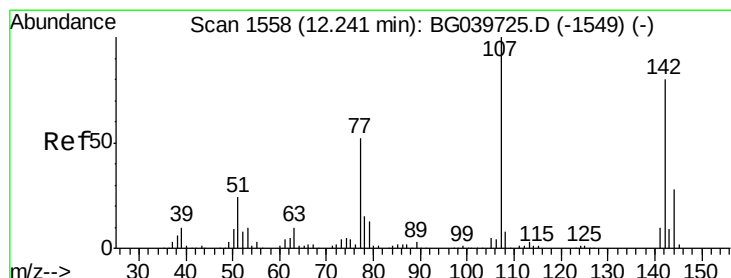
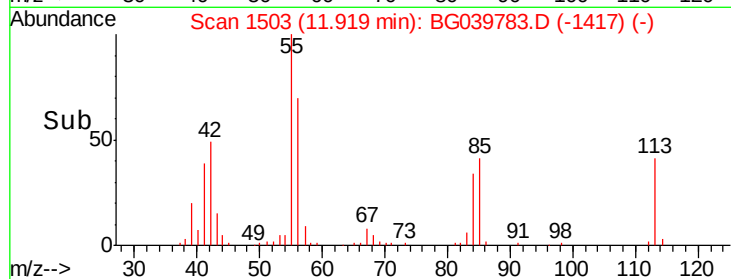
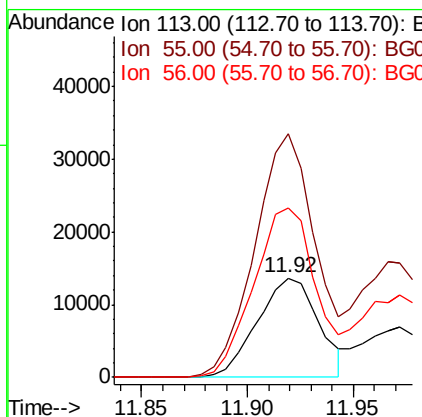
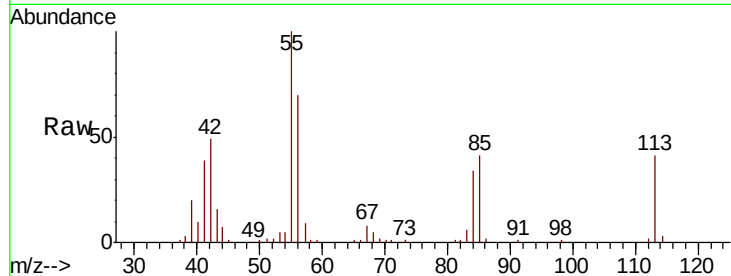




#35
 Caprolactam
 Concen: 23.661 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

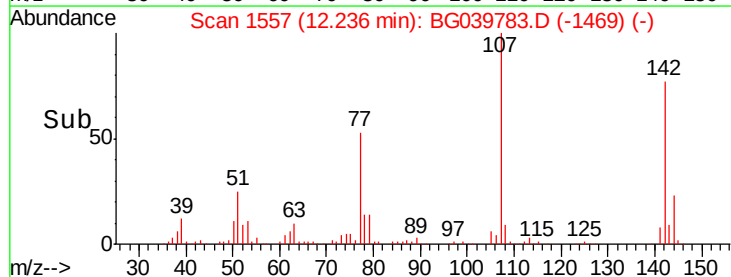
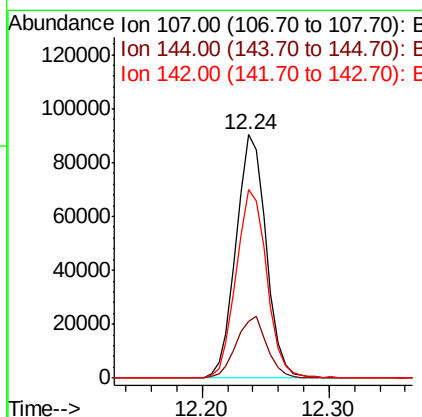
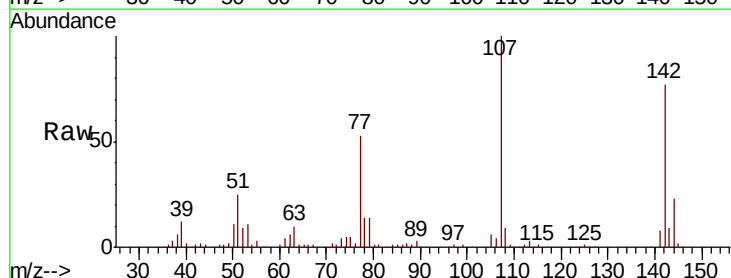
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

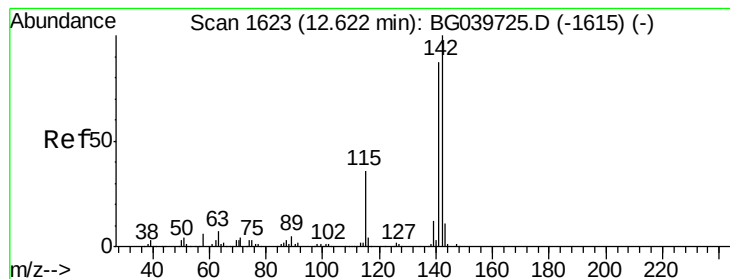
Tgt Ion:113 Resp: 27509
 Ion Ratio Lower Upper
 113 100
 55 244.8 216.9 256.9
 56 170.5 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.553 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Tgt Ion:107 Resp: 148463
 Ion Ratio Lower Upper
 107 100
 144 23.4 20.2 30.2
 142 77.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.861 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

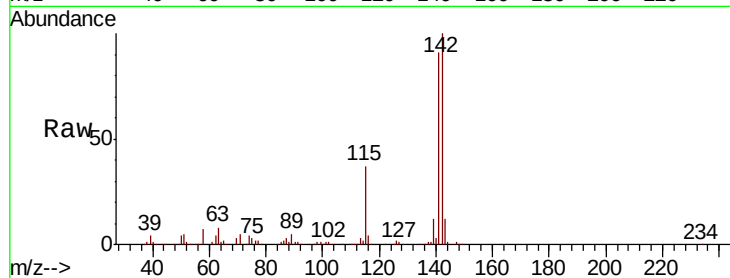
Tgt Ion:142 Resp: 292837

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3

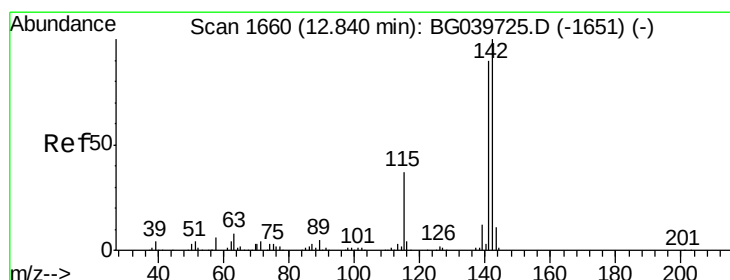
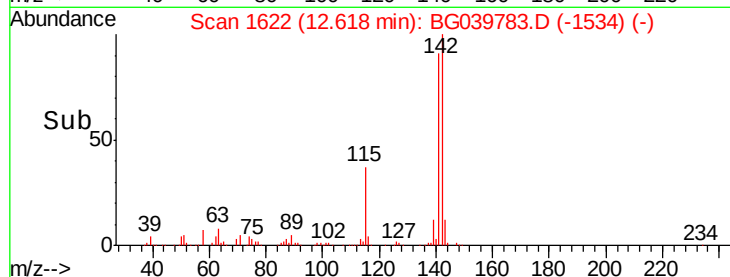
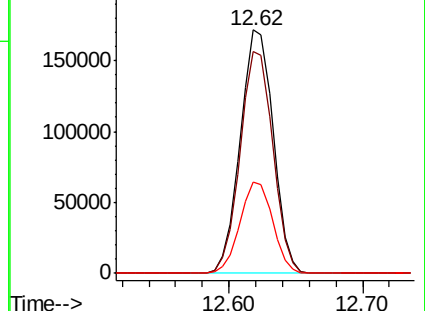
115 37.3 30.8 46.2



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: 38.953 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

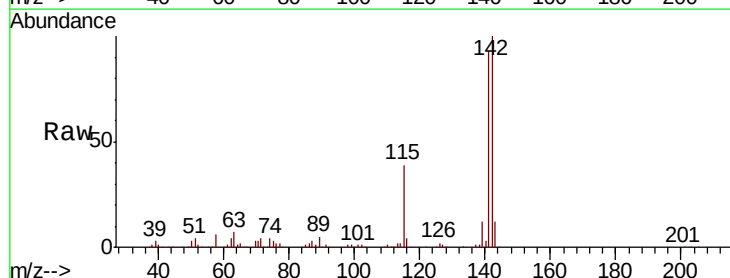
Tgt Ion:142 Resp: 278099

Ion Ratio Lower Upper

142 100

141 93.1 74.2 111.4

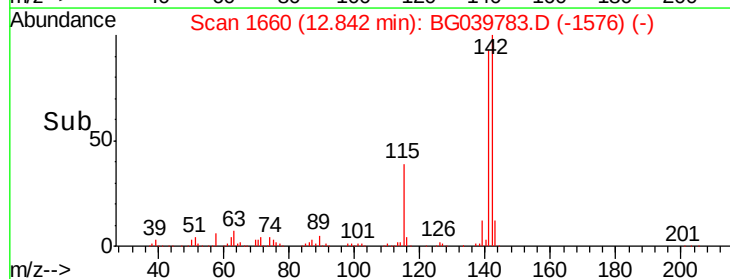
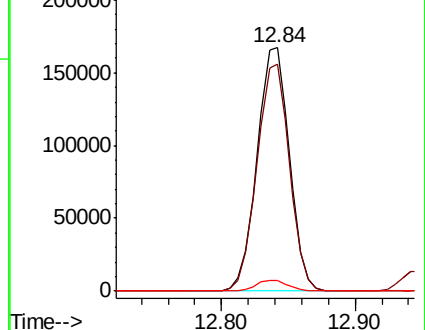
116 4.1 3.0 4.6

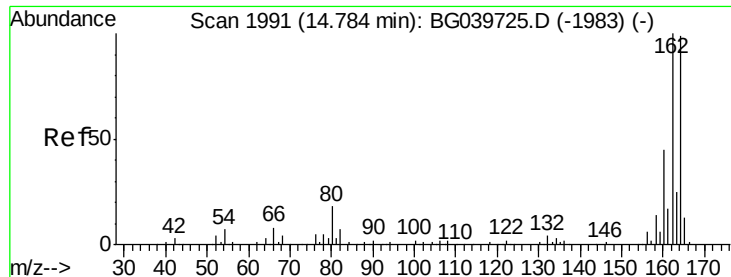


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

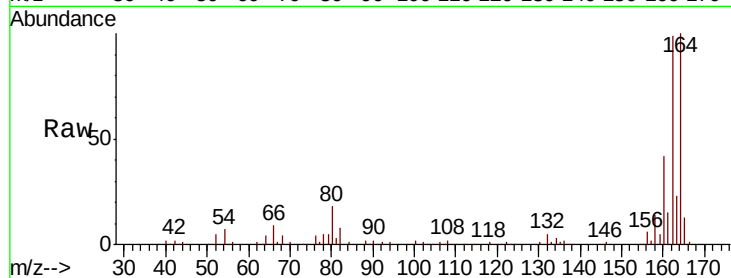
Tgt Ion:164 Resp: 128448

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

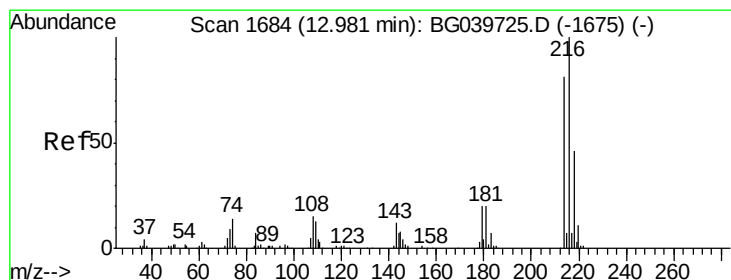
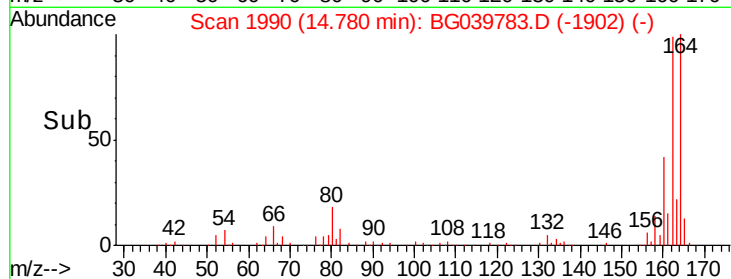
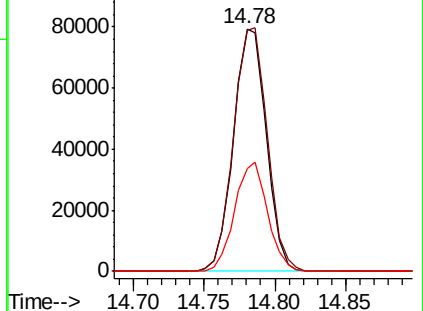
160 42.2 34.2 51.2



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: 36.820 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Tgt Ion:216 Resp: 160221

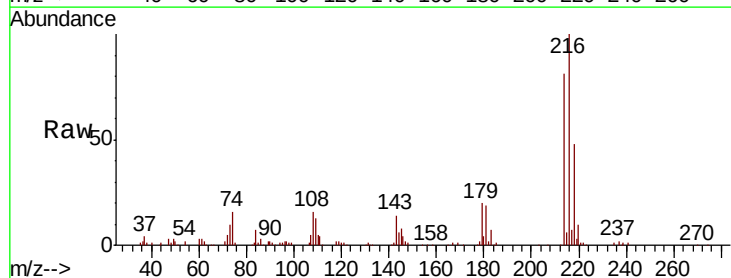
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 20.3 16.6 25.0

108 18.7 14.0 21.0

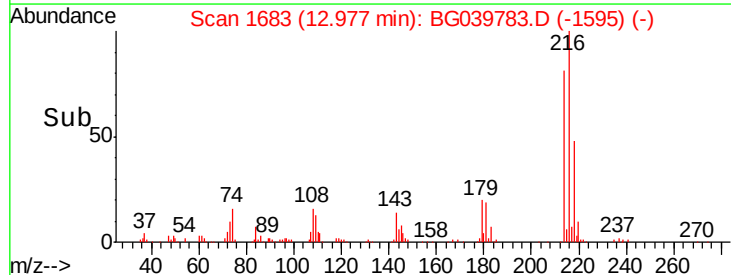
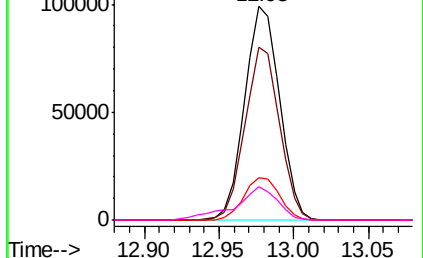


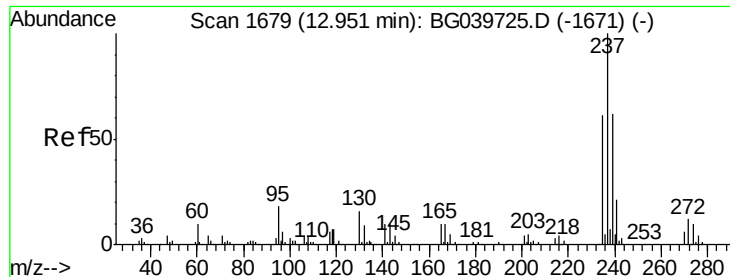
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.920 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

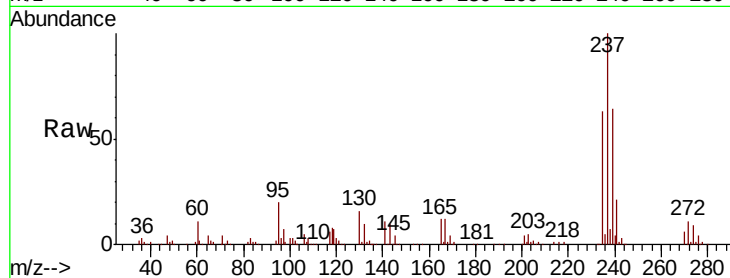
Tgt Ion:237 Resp: 207360

Ion Ratio Lower Upper

237 100

235 63.1 43.3 83.3

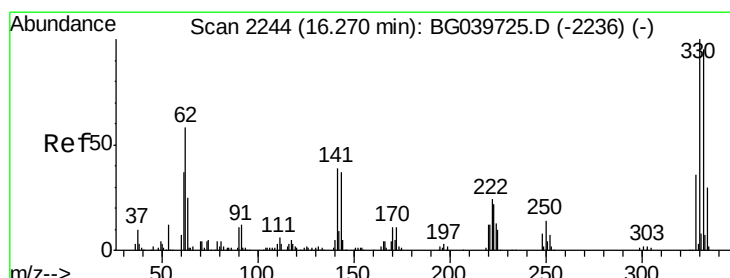
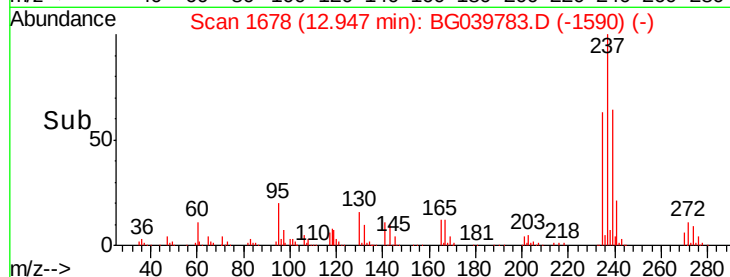
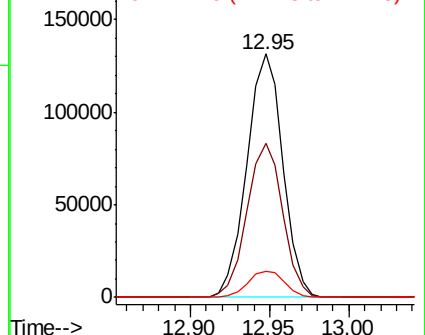
272 10.8 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 136.111 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

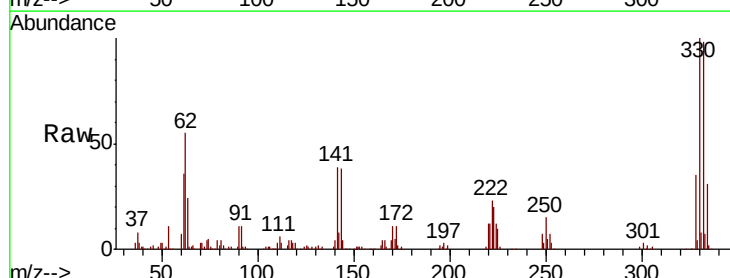
Tgt Ion:330 Resp: 203779

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

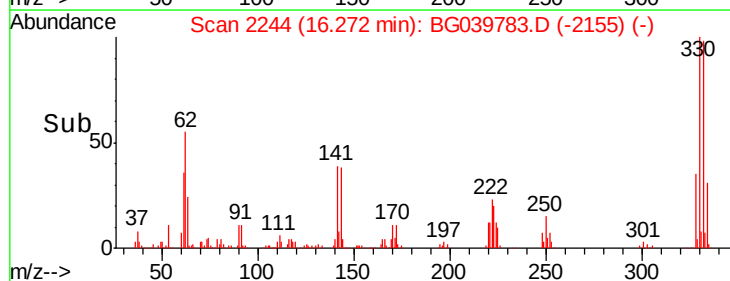
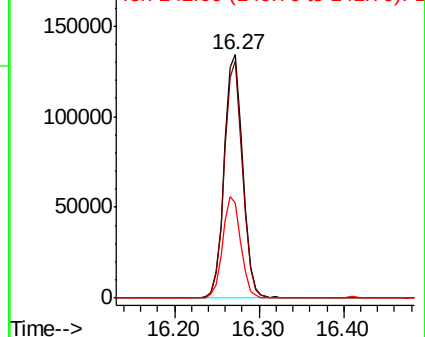
141 41.0 35.6 53.4

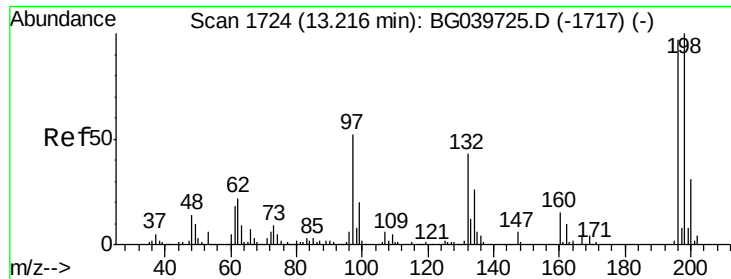


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

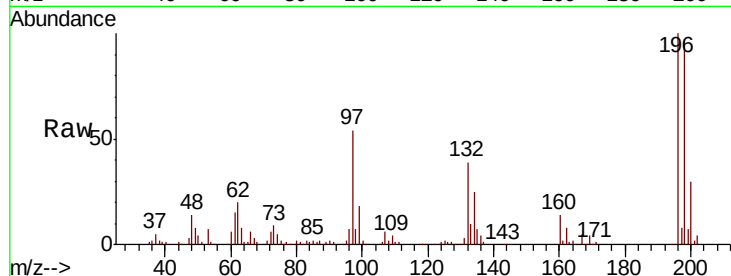




#43
 2,4,6-Trichlorophenol
 Concen: 45.198 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion:196 Resp: 115147
 Ion Ratio Lower Upper
 196 100
 198 97.1 80.6 121.0
 200 29.5 26.1 39.1

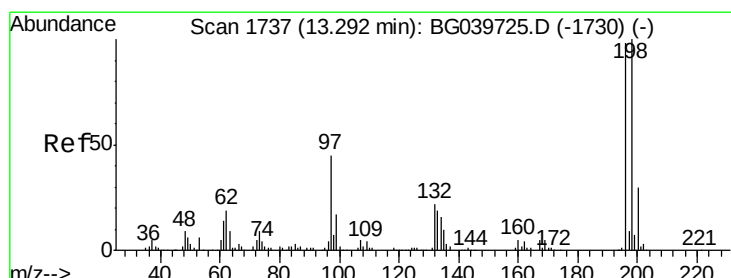
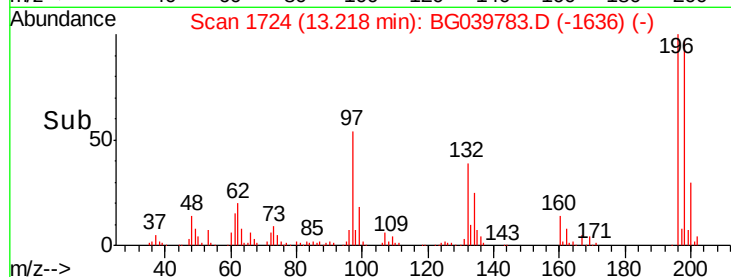
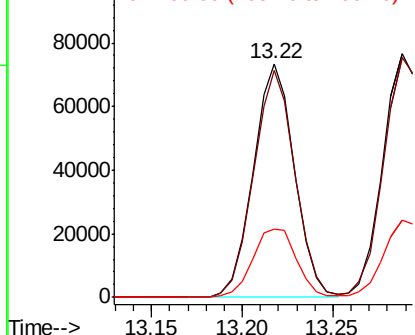


Abundance

Ion 196.00 (195.70 to 196.70): E

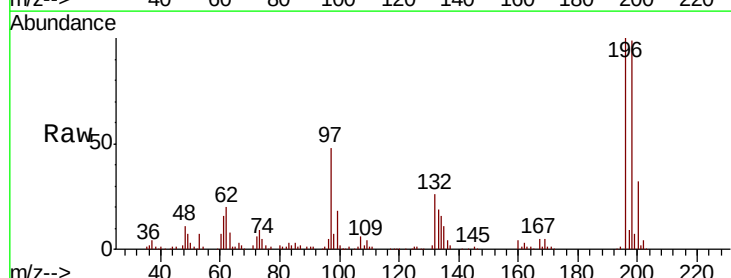
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.522 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Tgt Ion:196 Resp: 124979
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.5 117.7
 97 48.4 38.4 57.6
 132 26.2 19.2 28.8



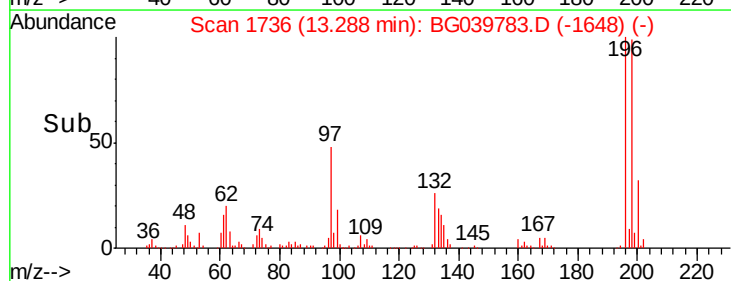
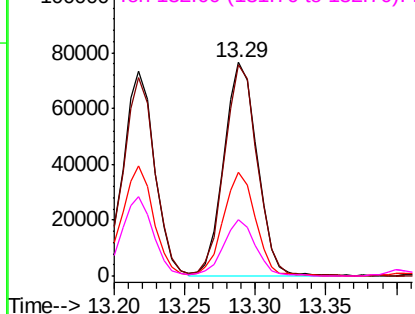
Abundance

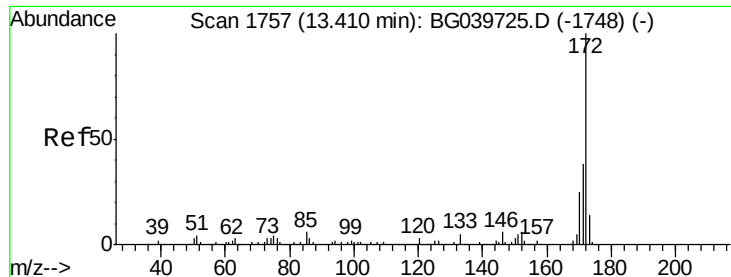
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

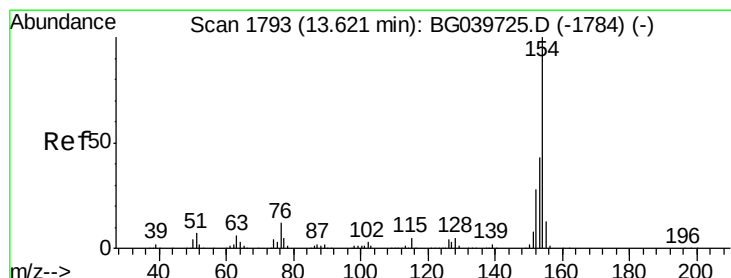
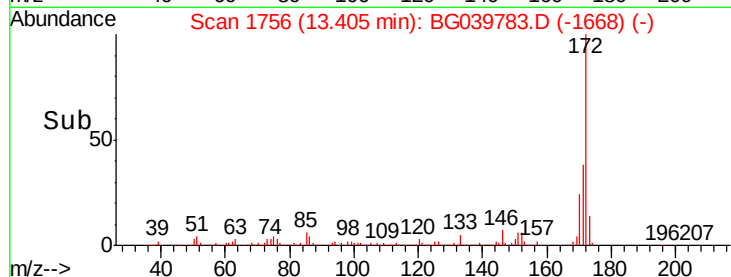
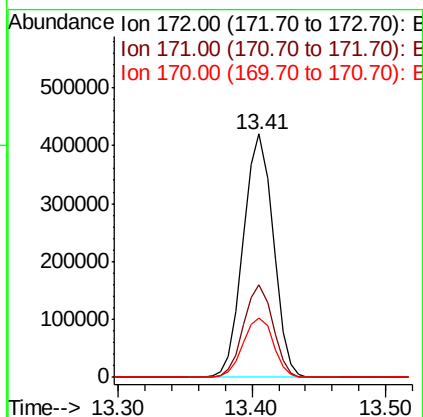
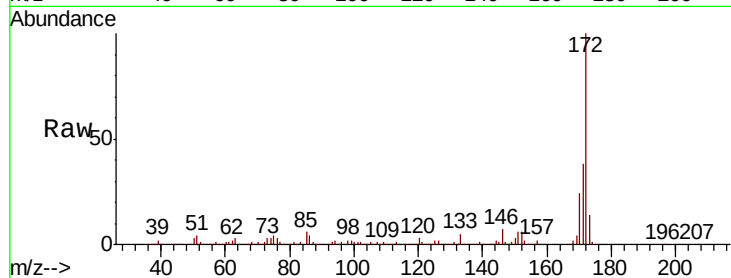




#45
2-Fluorobiphenyl
Concen: 72.147 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

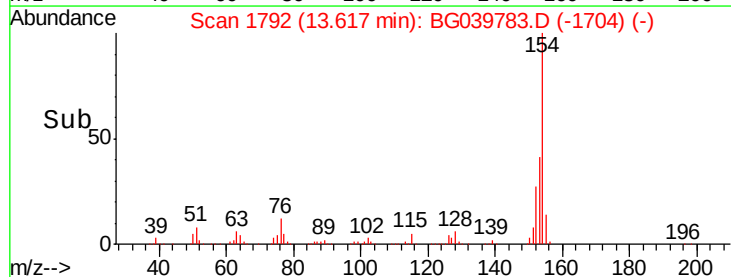
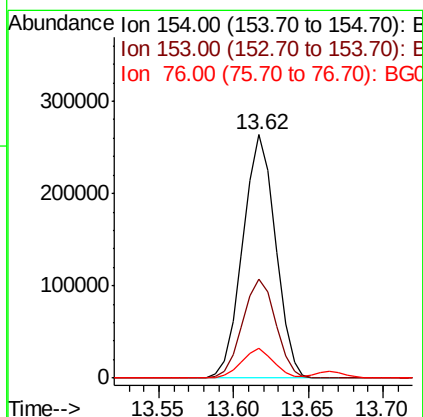
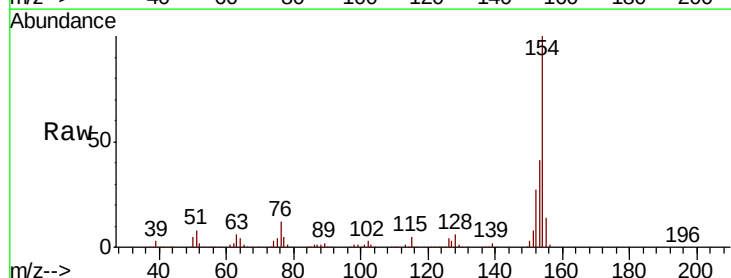
Instrument :
BNA_G
ClientSampleId :
PB117613BS

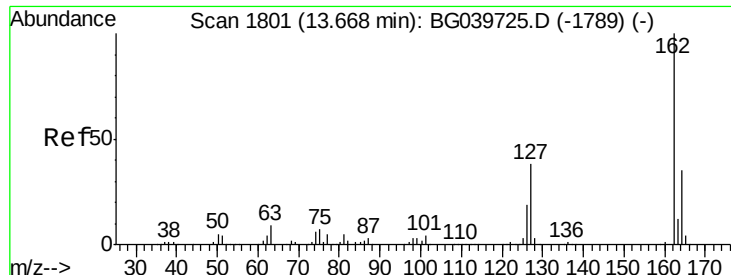
Tgt Ion:172 Resp: 650862
Ion Ratio Lower Upper
172 100
171 37.8 30.8 46.2
170 24.2 20.2 30.4



#46
1,1'-Biphenyl
Concen: 37.943 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion:154 Resp: 400860
Ion Ratio Lower Upper
154 100
153 40.7 22.1 62.1
76 12.1 0.0 32.4

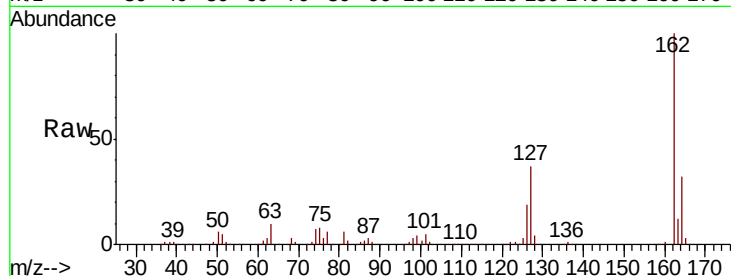




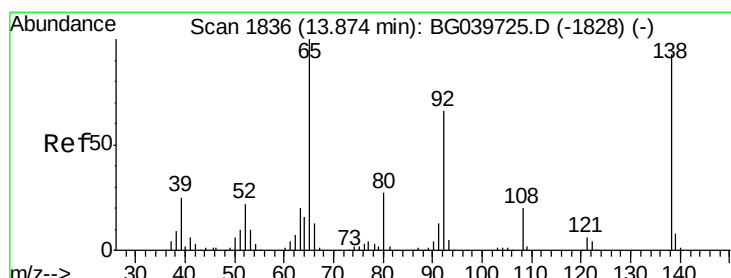
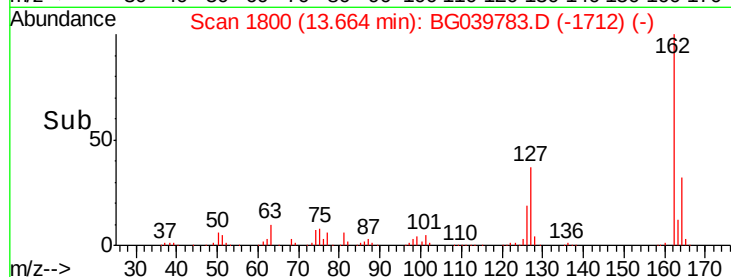
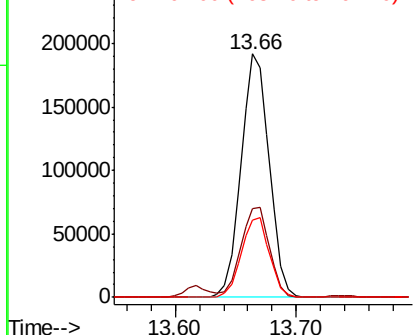
#47
 2-Chloronaphthalene
 Concen: 39.086 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion: 162 Resp: 310645
 Ion Ratio Lower Upper
 162 100
 127 36.6 31.0 46.6
 164 31.8 25.7 38.5

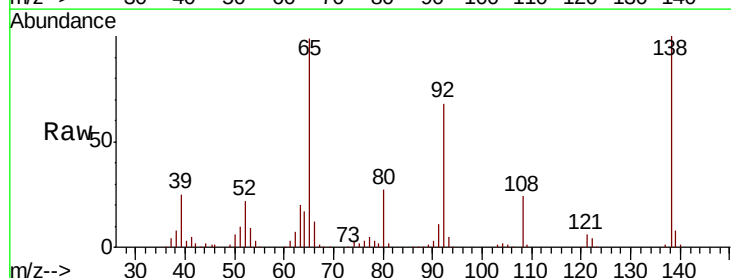


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

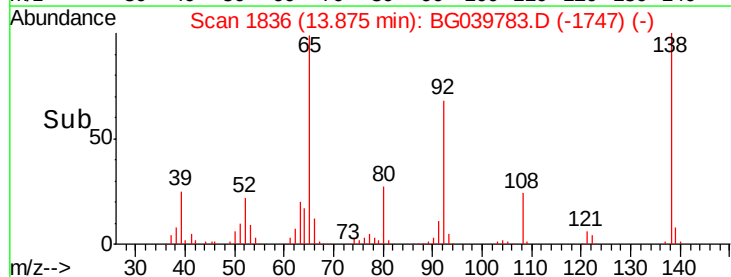
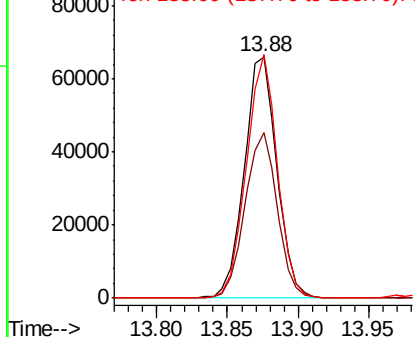


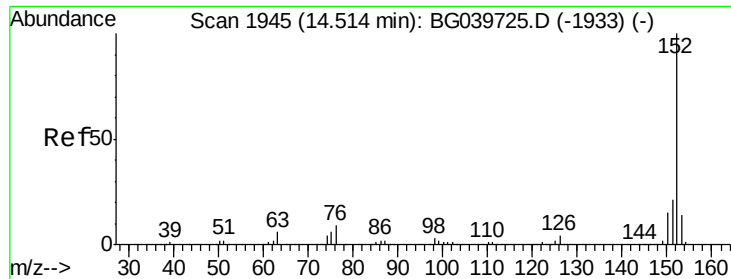
#48
 2-Nitroaniline
 Concen: 41.666 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Tgt Ion: 65 Resp: 106422
 Ion Ratio Lower Upper
 65 100
 92 68.7 51.4 77.2
 138 101.0 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: 38.332 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

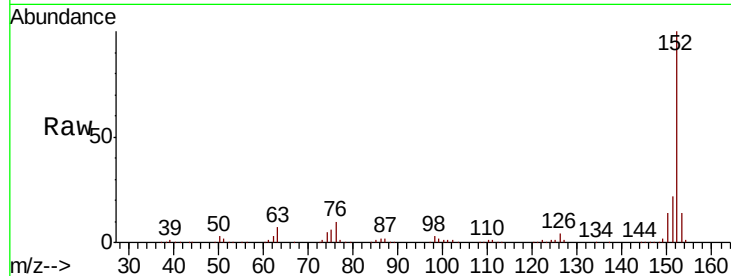
Tgt Ion:152 Resp: 500113

Ion Ratio Lower Upper

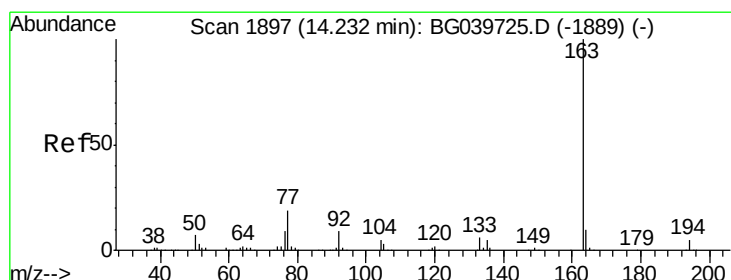
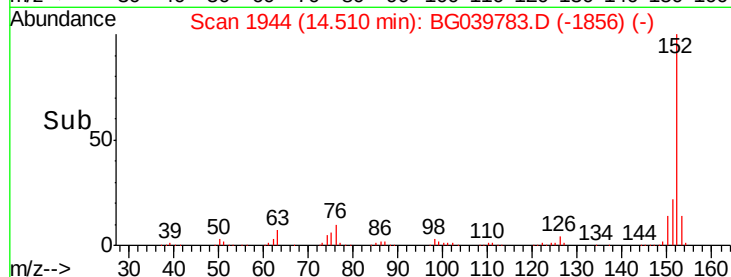
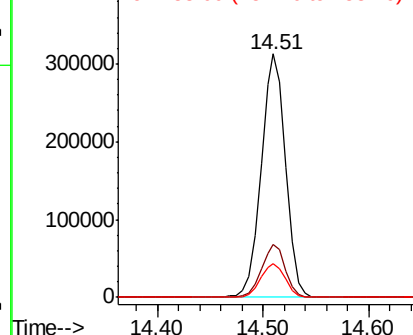
152 100

151 21.5 16.8 25.2

153 14.0 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: 38.885 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

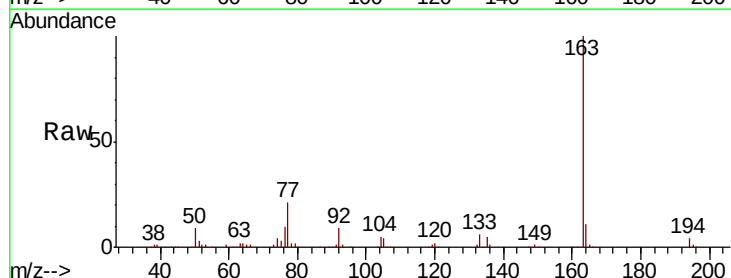
Tgt Ion:163 Resp: 417647

Ion Ratio Lower Upper

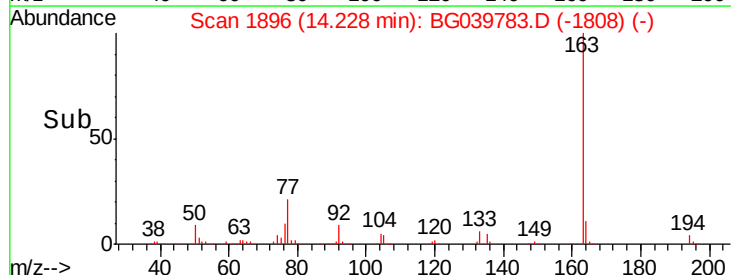
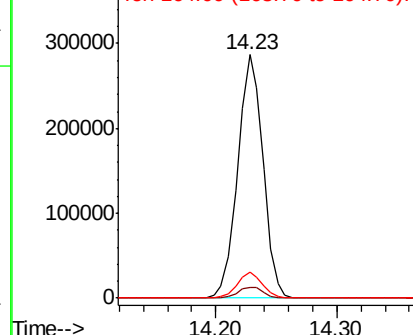
163 100

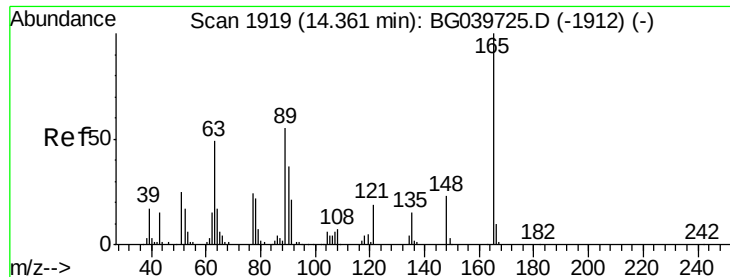
194 4.5 3.6 5.4

164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

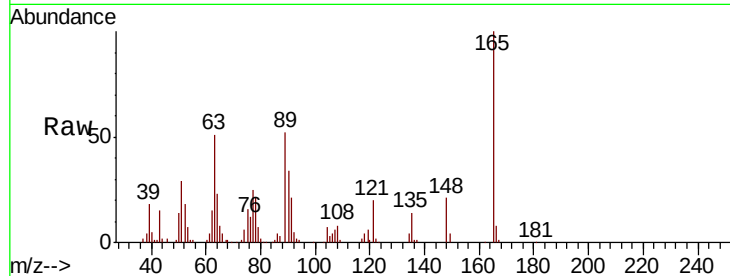




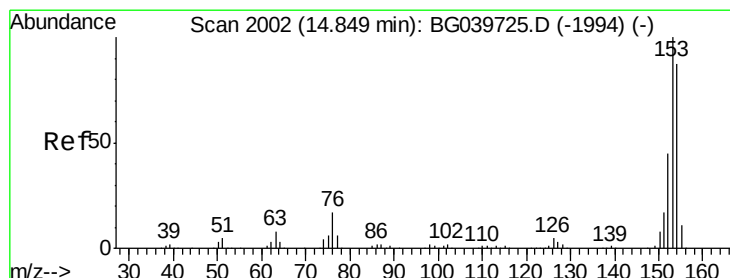
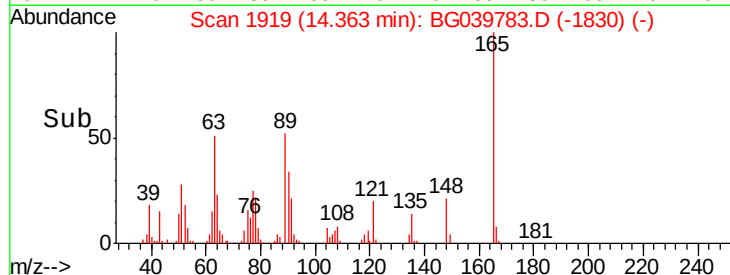
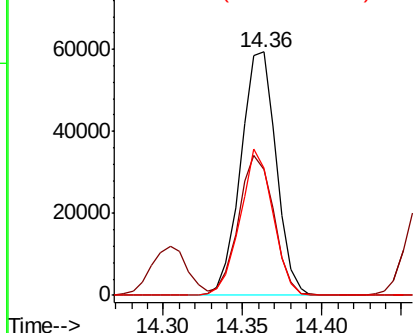
#51
2,6-Dinitrotoluene
Concen: 40.337 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:165 Resp: 91846
Ion Ratio Lower Upper
165 100
63 51.5 47.0 70.6
89 52.2 45.8 68.8

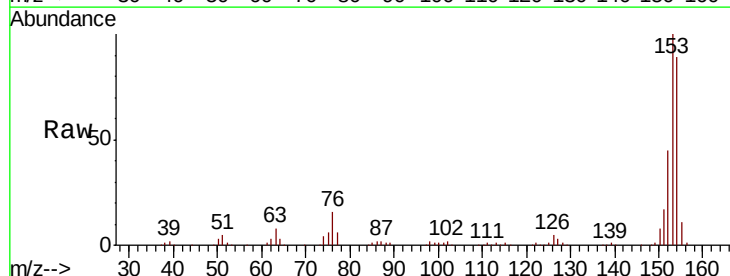


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

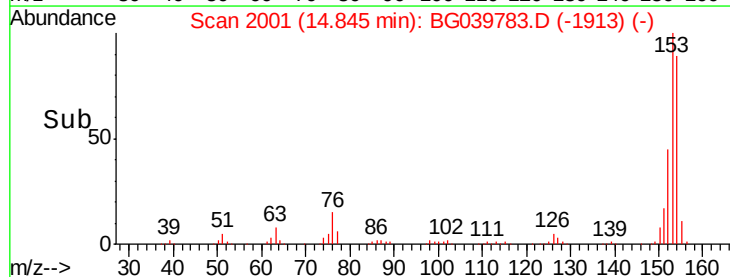
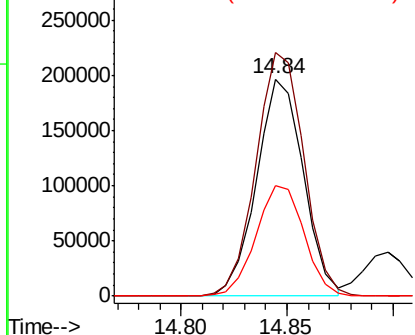


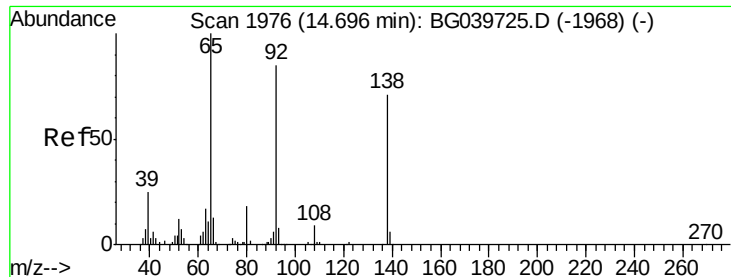
#52
Acenaphthene
Concen: 38.748 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion:154 Resp: 304278
Ion Ratio Lower Upper
154 100
153 112.0 90.1 135.1
152 50.7 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: 28.036 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

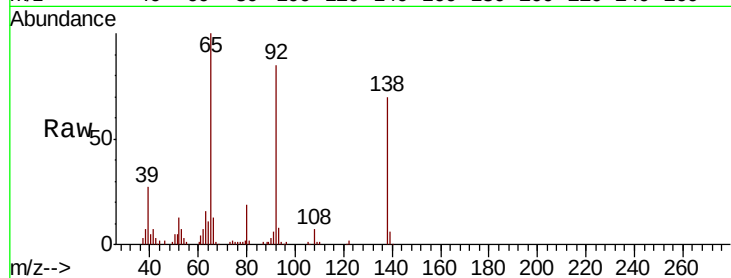
Tgt Ion:138 Resp: 64170

Ion Ratio Lower Upper

138 100

108 10.6 13.8 20.8#

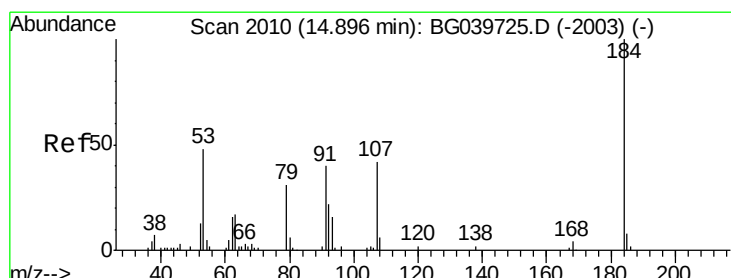
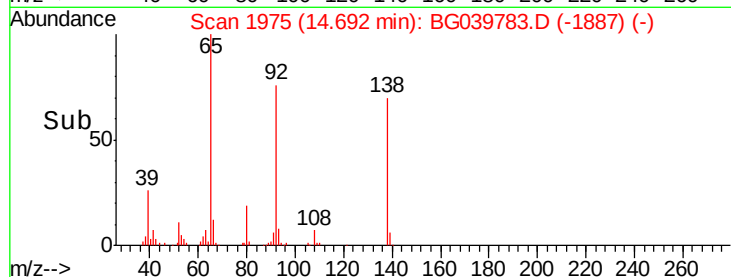
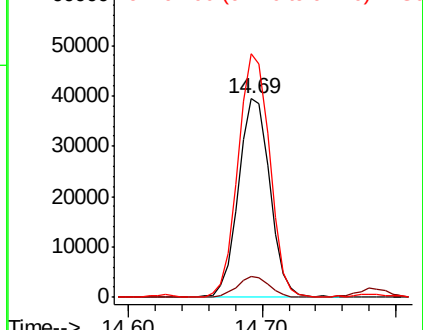
92 122.8 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 68.594 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

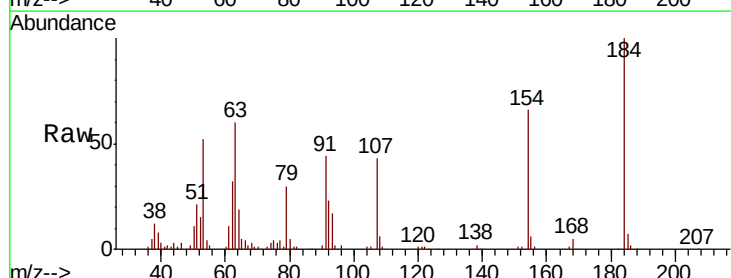
Tgt Ion:184 Resp: 97345

Ion Ratio Lower Upper

184 100

63 60.1 50.9 76.3

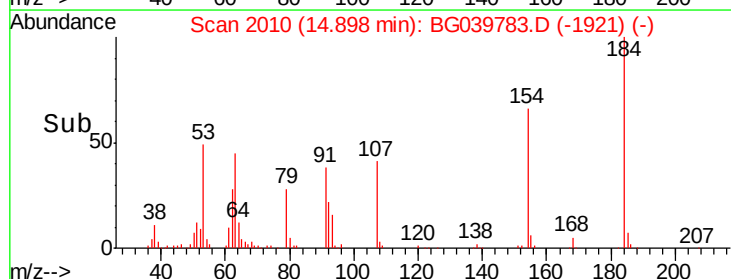
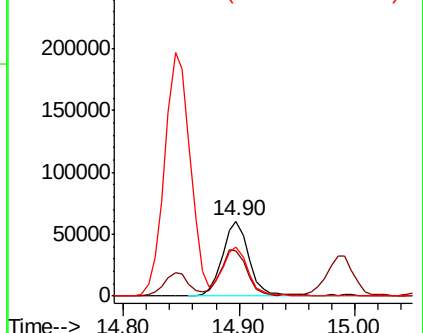
154 65.8 53.0 79.6

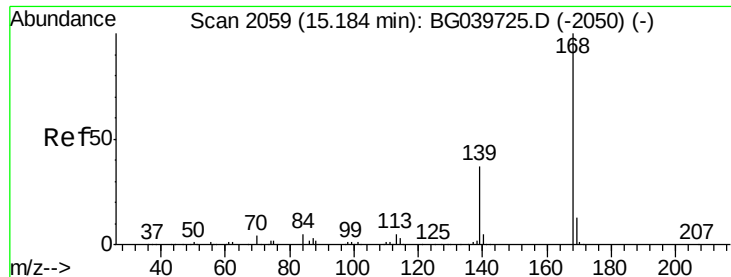


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 38.964 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

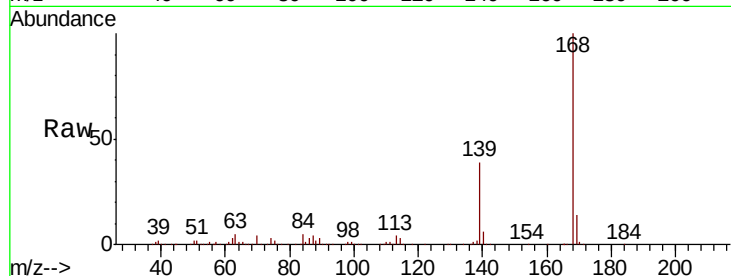
Tgt Ion:168 Resp: 502008

Ion Ratio Lower Upper

168 100

139 38.5 30.1 45.1

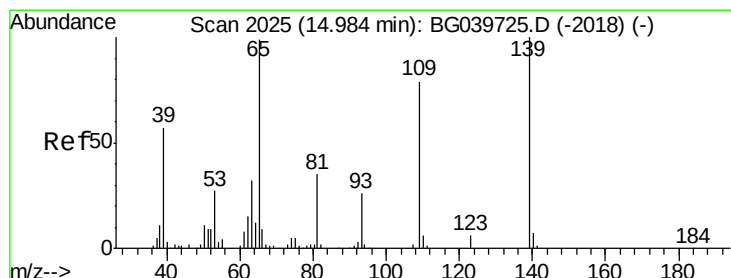
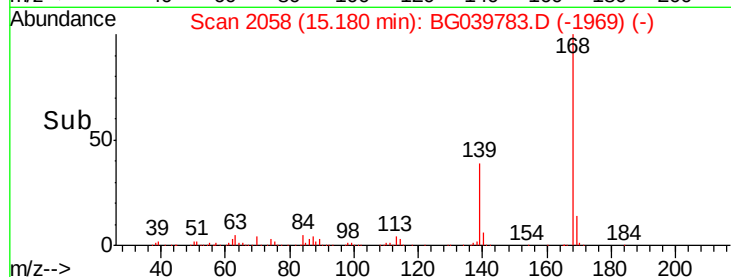
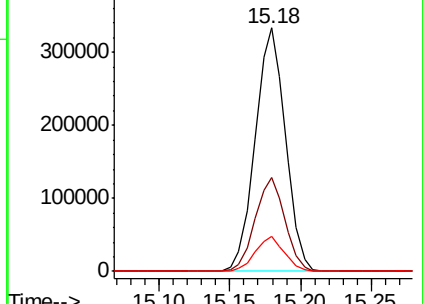
169 14.2 10.6 16.0



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: 81.140 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

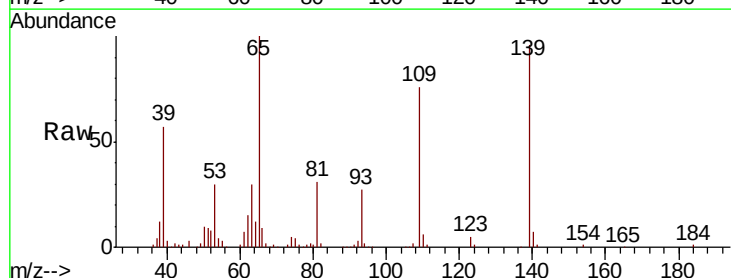
Tgt Ion:139 Resp: 166136

Ion Ratio Lower Upper

139 100

109 79.3 61.9 101.9

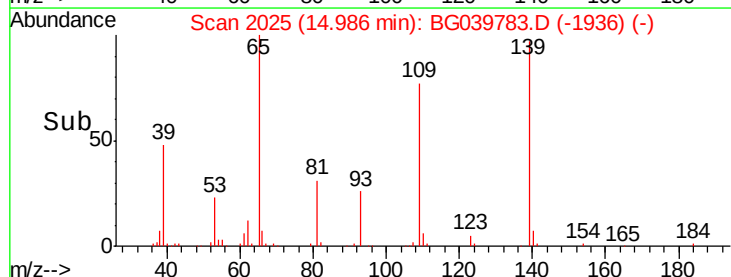
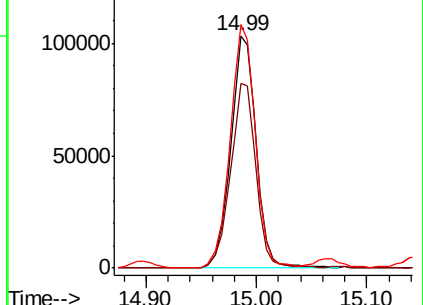
65 104.6 99.1 139.1

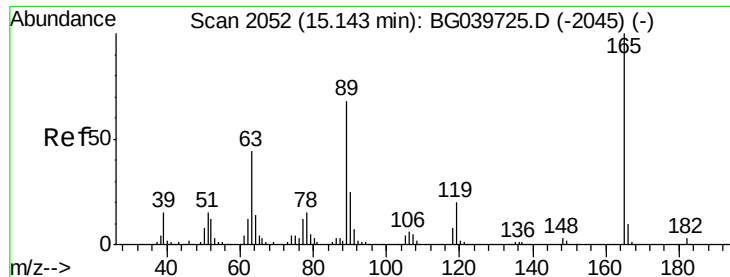


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 41.648 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

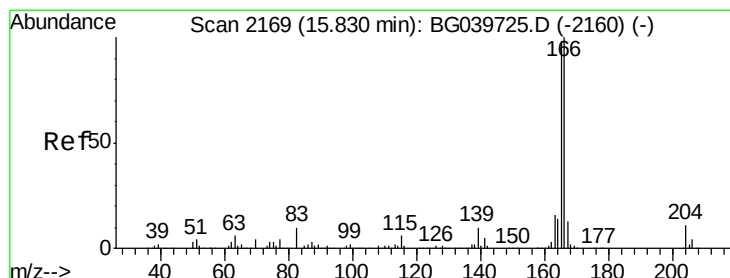
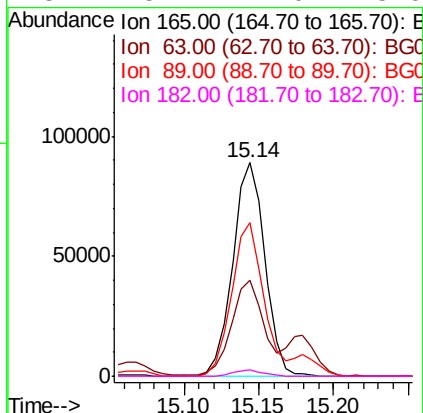
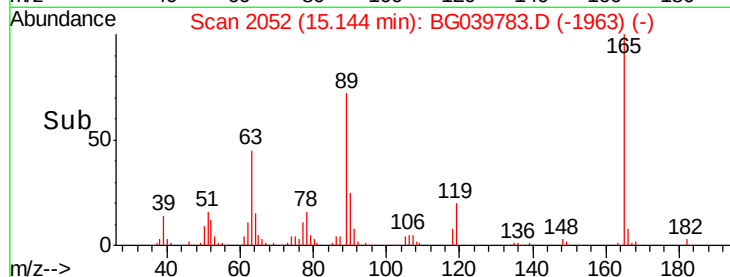
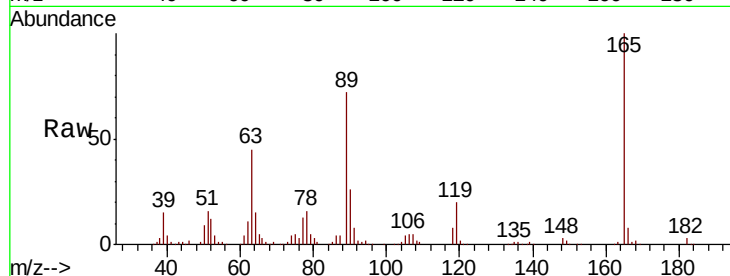
Instrument :

BNA_G

ClientSampleId :

PB117613BS

Tgt Ion:	165	Resp:	133249
Ion	Ratio	Lower	Upper
165	100		
63	45.2	41.0	61.6
89	71.8	64.6	96.8
182	3.1	2.0	3.0#



#58

Fluorene

Concen: 39.402 ng

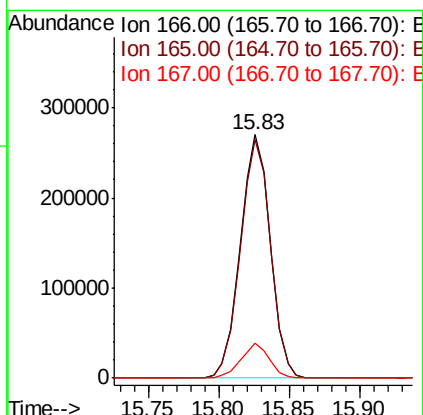
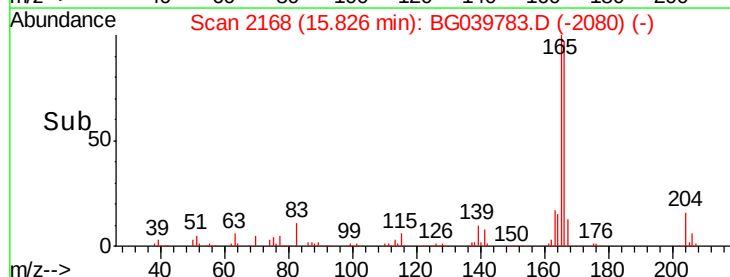
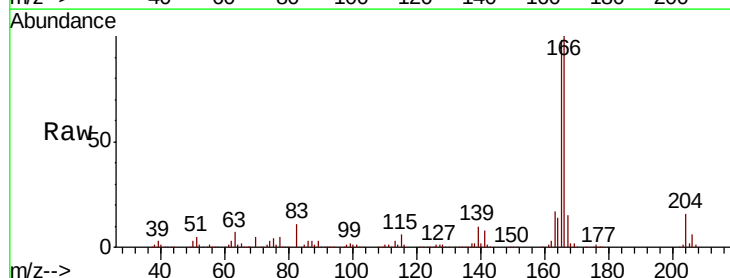
RT: 15.83 min Scan# 2168

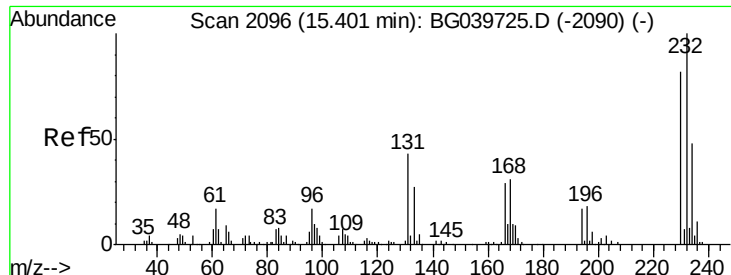
Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Tgt Ion:	166	Resp:	399082
Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	14.6	10.8	16.2

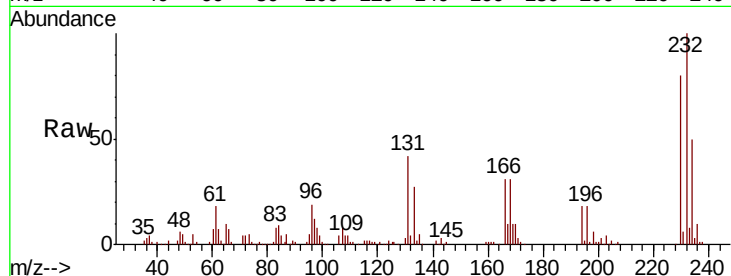




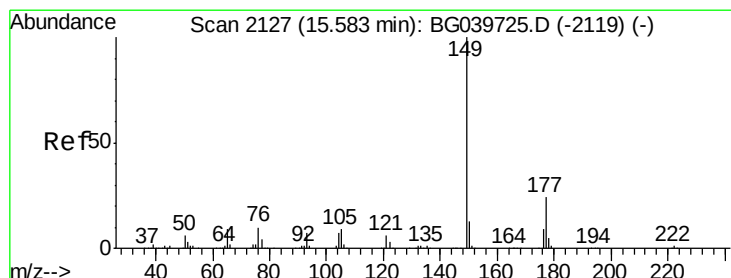
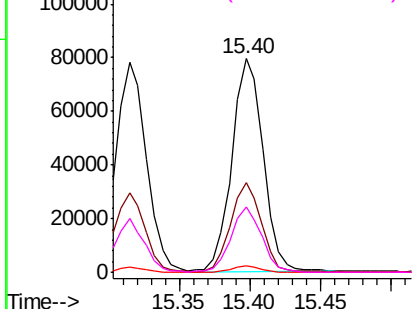
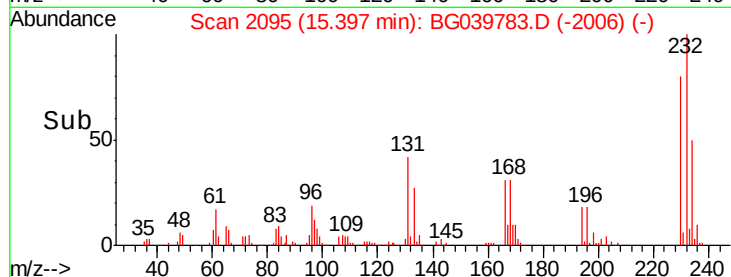
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.669 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:	232	Resp:	122469
Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.9	52.3
130	2.6	2.0	3.0
166	30.1	24.1	36.1

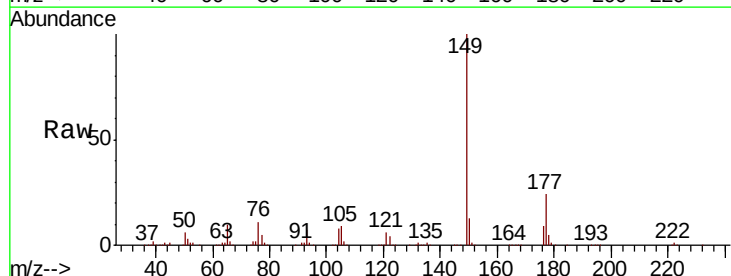


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

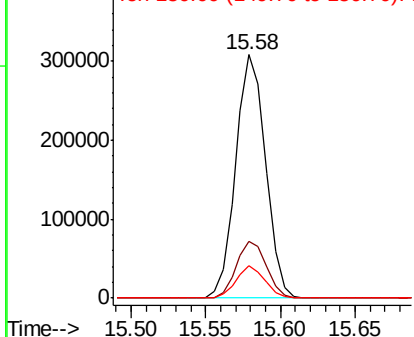
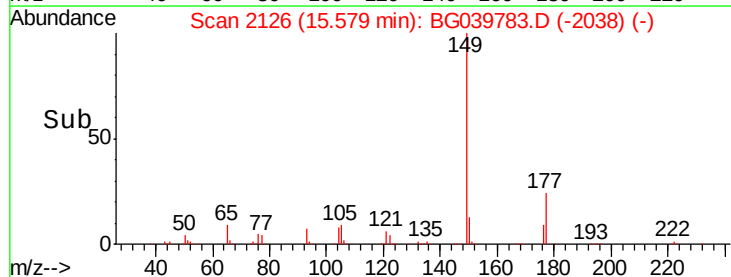


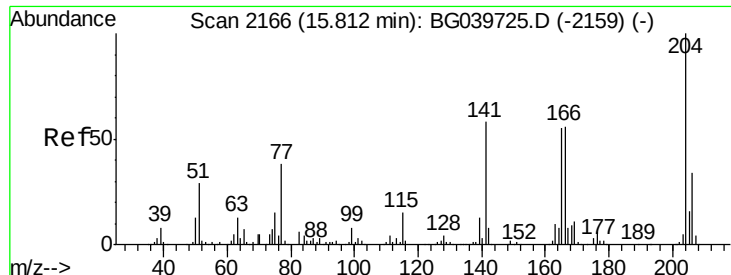
#60
Diethylphthalate
Concen: 40.212 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion:	149	Resp:	427552
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	13.4	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

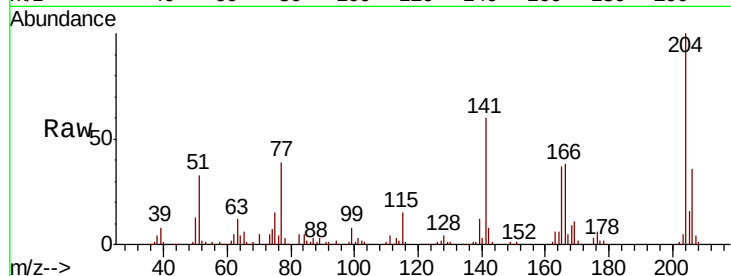




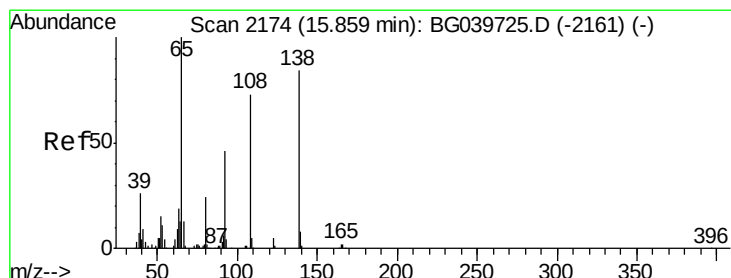
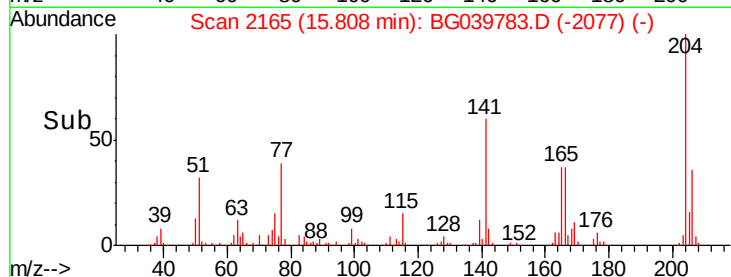
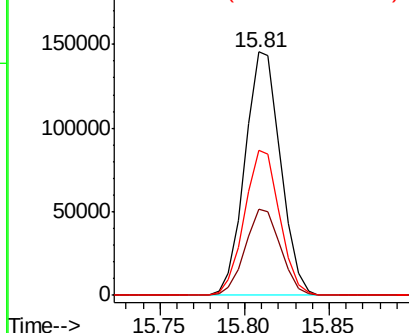
#61
4-Chlorophenyl-phenylether
Concen: 39.475 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion: 204 Resp: 213354
Ion Ratio Lower Upper
204 100
206 35.6 29.2 43.8
141 59.8 49.0 73.4

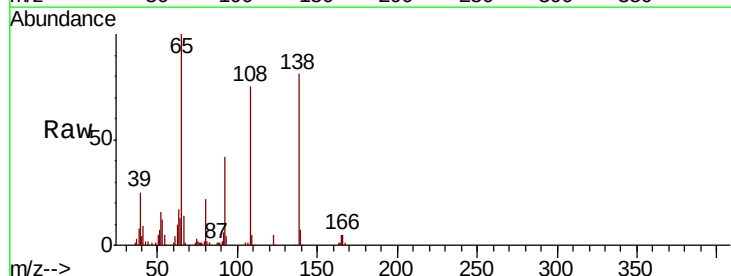


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

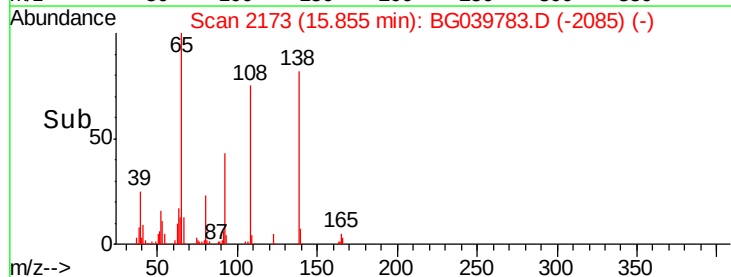
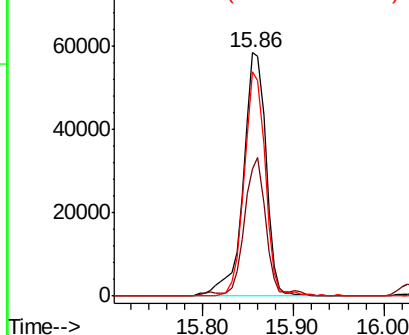


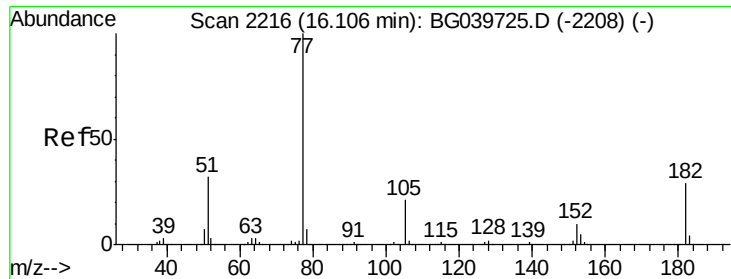
#62
4-Nitroaniline
Concen: 40.820 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion: 138 Resp: 101290
Ion Ratio Lower Upper
138 100
92 52.4 38.7 78.7
108 91.9 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: 39.751 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

Tgt Ion: 77 Resp: 383126

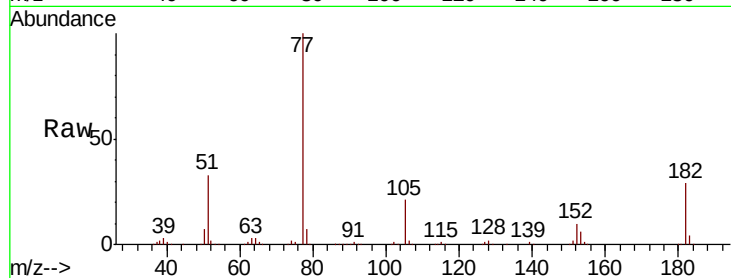
Ion Ratio Lower Upper

77 100

182 28.5 6.4 46.4

105 21.1 0.0 39.8

51 33.1 14.1 54.1

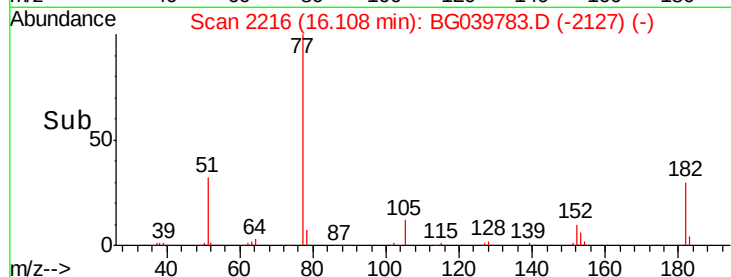


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

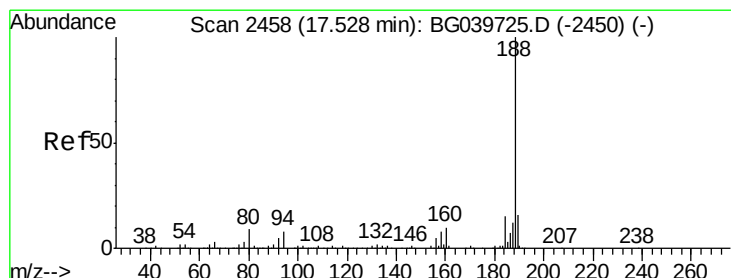
Ion 51.00 (50.70 to 51.70): BGC



Abundance

16.11

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

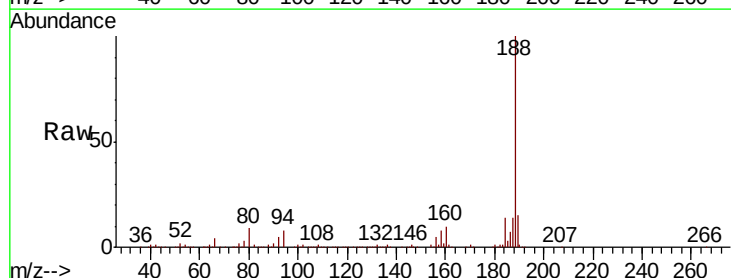
Tgt Ion: 188 Resp: 321398

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

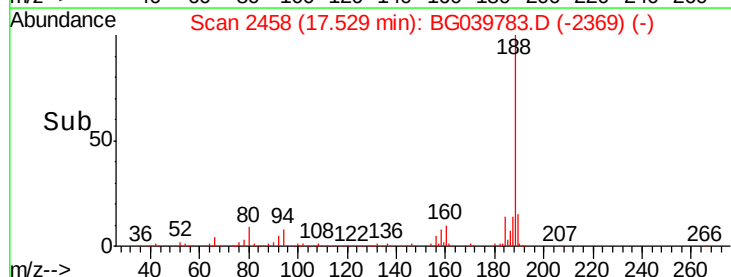
80 8.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

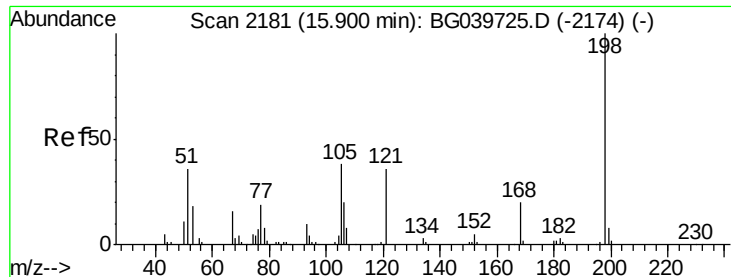
Ion 80.00 (79.70 to 80.70): BGC



Abundance

17.53

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 39.563 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

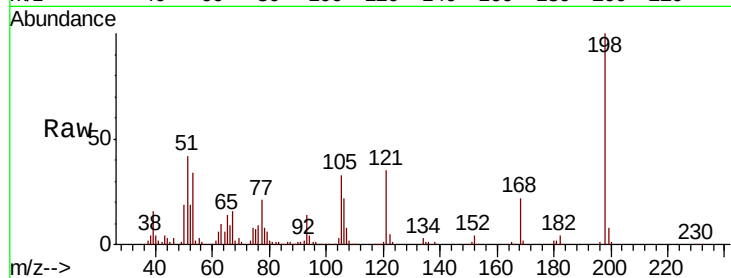
Tgt Ion:198 Resp: 75182

Ion Ratio Lower Upper

198 100

51 42.1 27.4 67.4

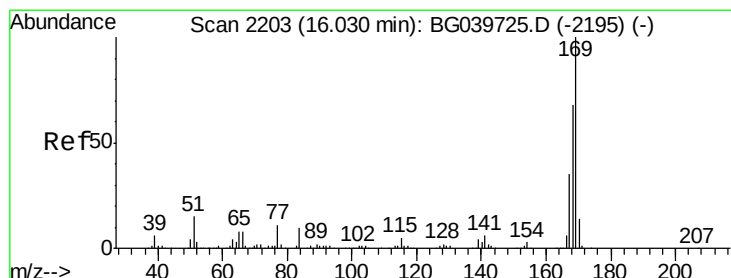
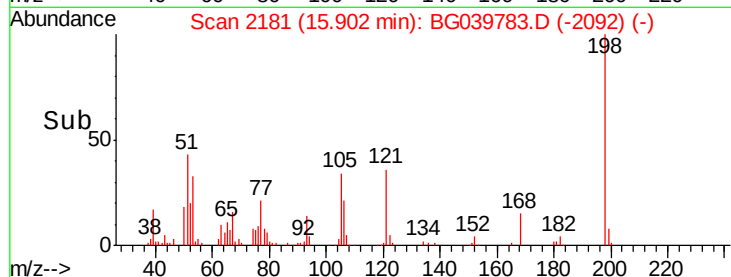
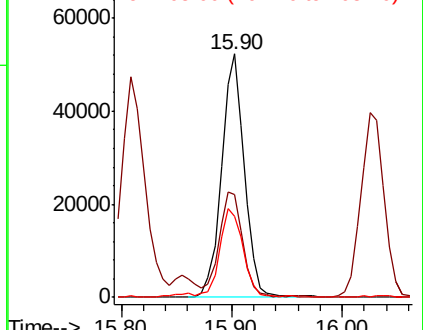
105 33.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039783.D (-2114) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.250 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

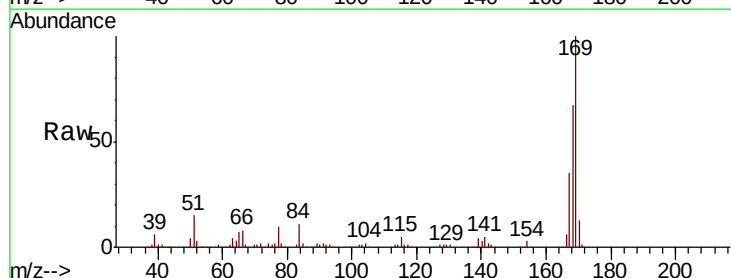
Tgt Ion:169 Resp: 374511

Ion Ratio Lower Upper

169 100

168 67.2 56.6 85.0

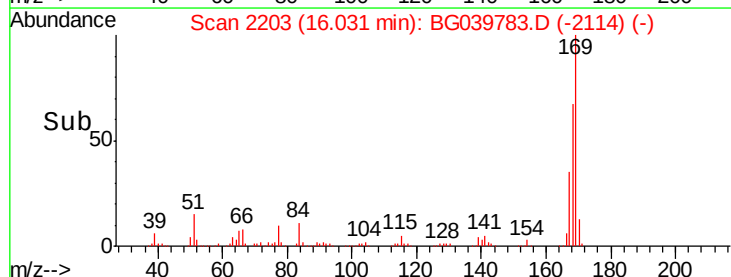
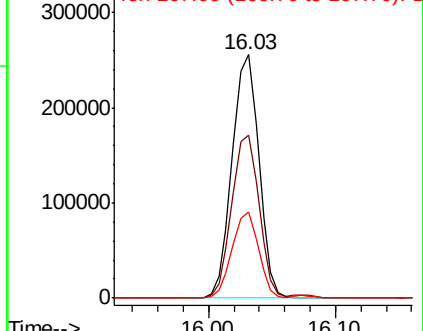
167 35.3 28.8 43.2

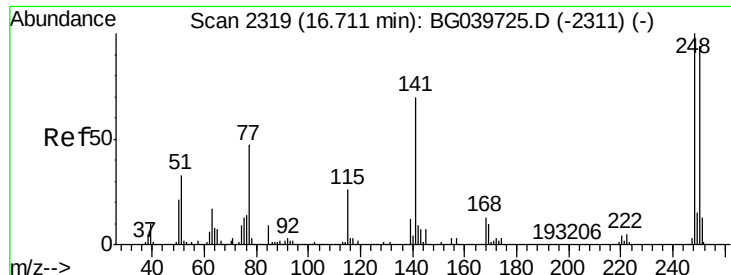


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

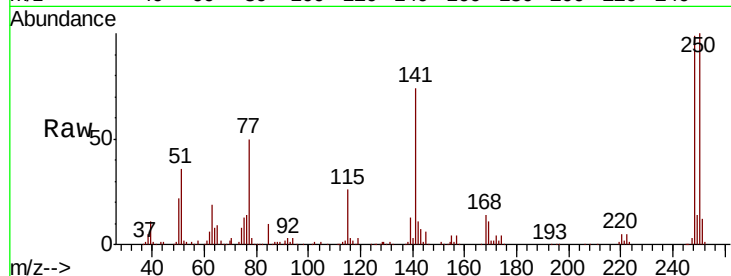




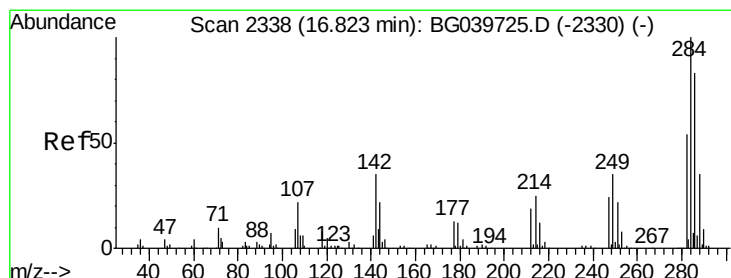
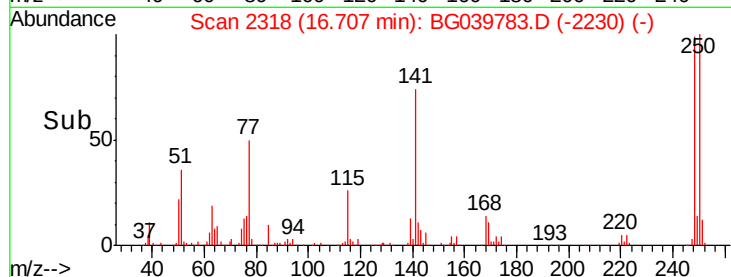
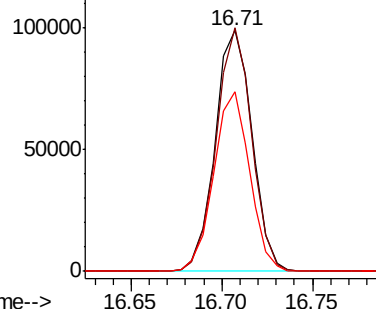
#67
4-Bromophenyl-phenylether
Concen: 38.933 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:248 Resp: 140062
Ion Ratio Lower Upper
248 100
250 101.1 77.6 116.4
141 74.6 63.9 95.9

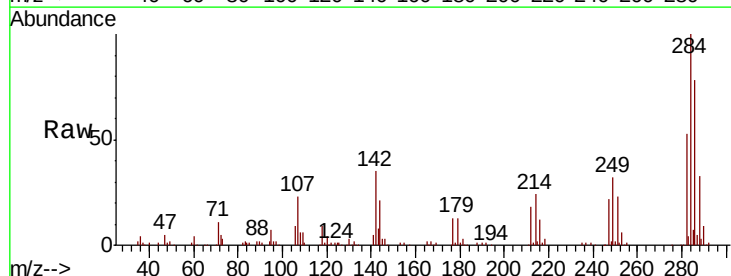


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

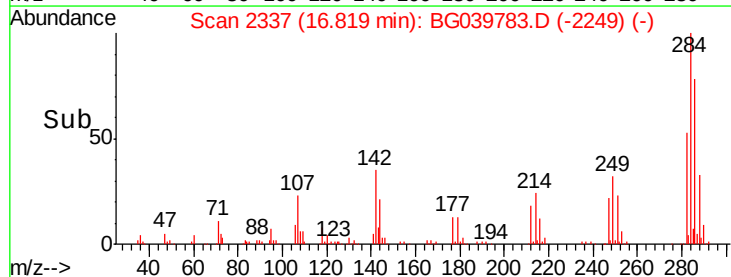
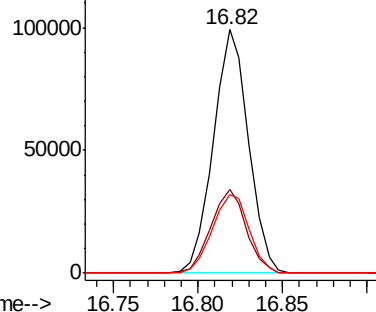


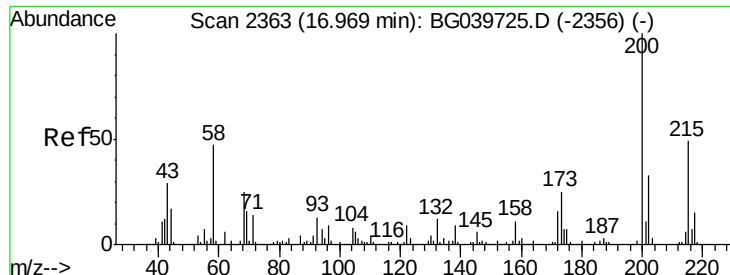
#68
Hexachlorobenzene
Concen: 38.477 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion:284 Resp: 143485
Ion Ratio Lower Upper
284 100
142 34.5 30.6 45.8
249 32.2 28.2 42.2



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





#69

Atrazine

Concen: 40.810 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

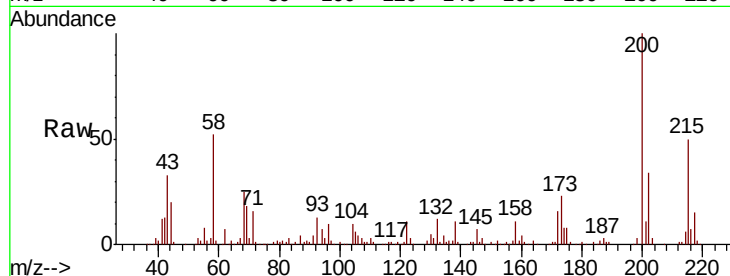
Tgt Ion:200 Resp: 149442

Ion Ratio Lower Upper

200 100

173 22.9 3.9 43.9

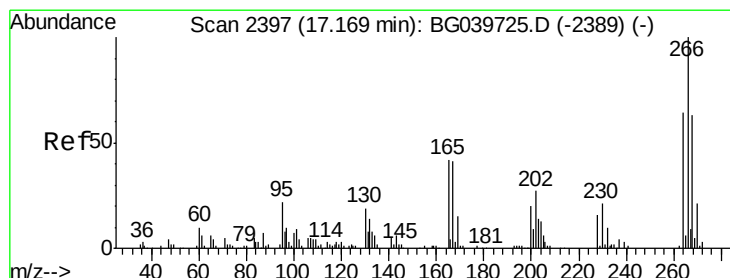
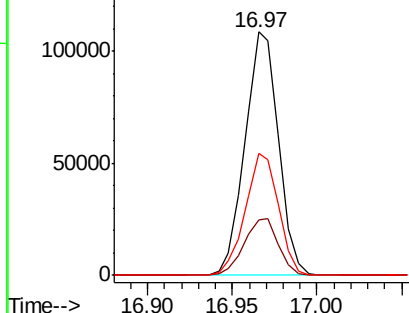
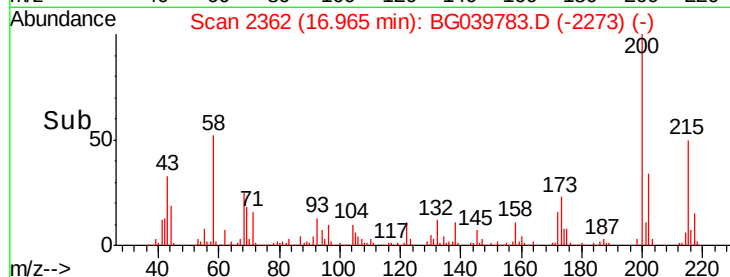
215 49.9 30.9 70.9



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: 79.457 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

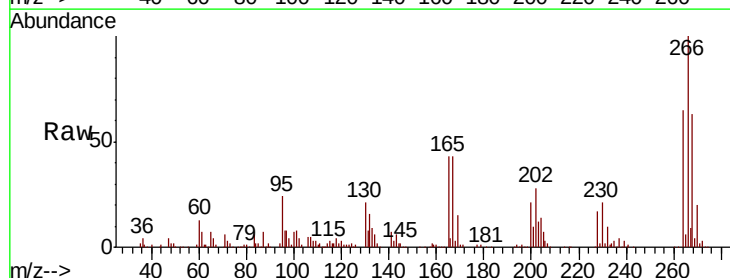
Tgt Ion:266 Resp: 187129

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

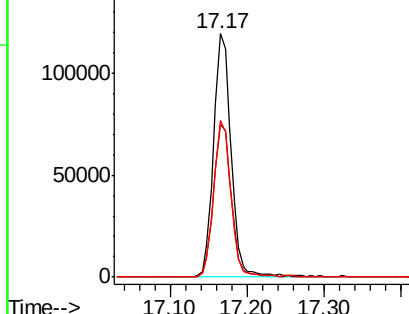
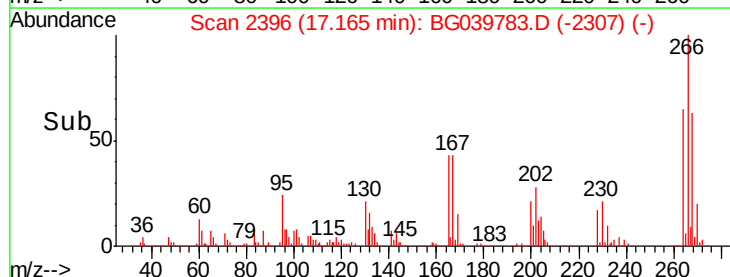
264 64.6 52.1 78.1

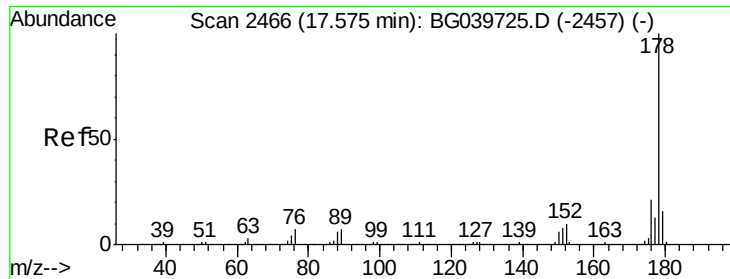


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

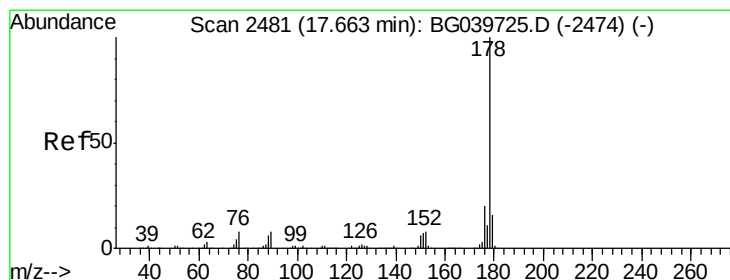
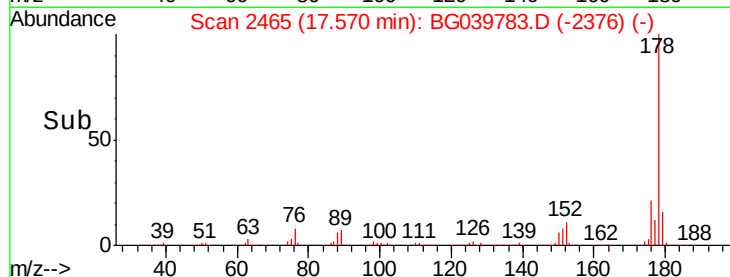
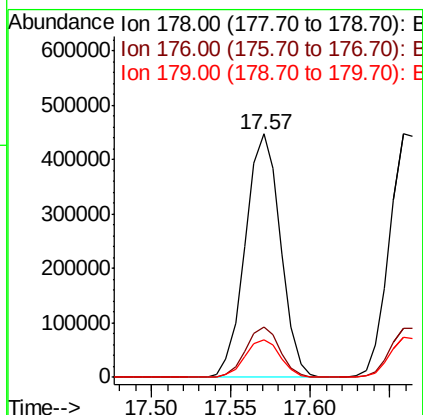
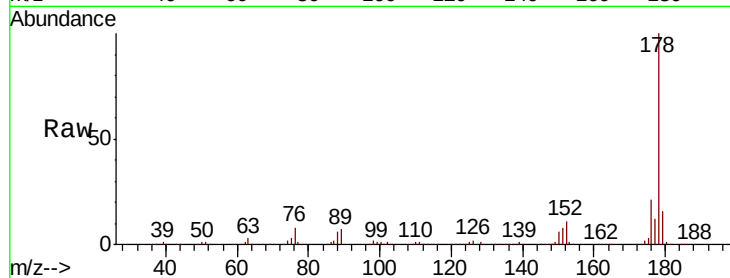




#71
Phenanthrene
Concen: 38.879 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

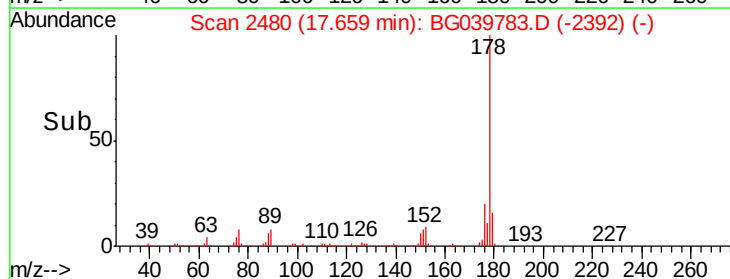
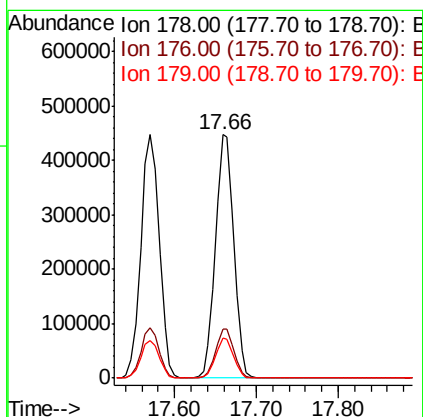
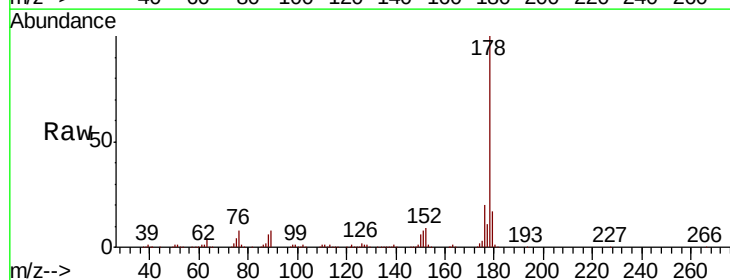
Instrument :
BNA_G
ClientSampleId :
PB117613BS

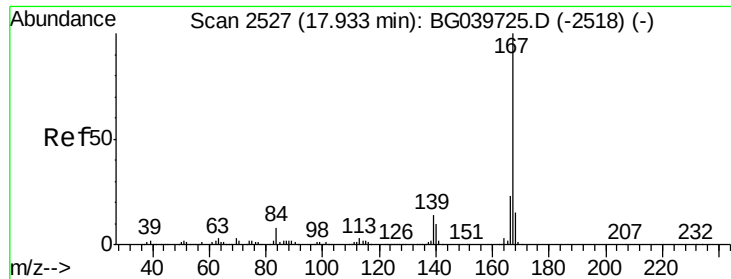
Tgt Ion:178 Resp: 688271
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 15.6 12.6 19.0



#72
Anthracene
Concen: 40.490 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion:178 Resp: 698505
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.5 12.5 18.7

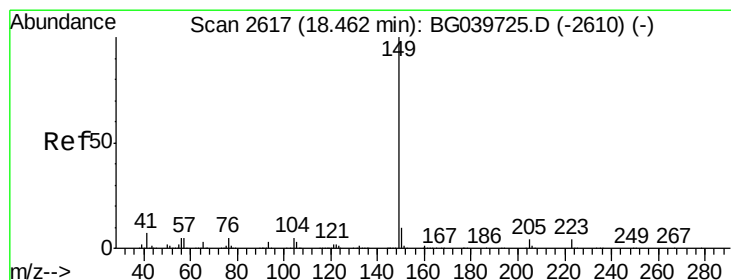
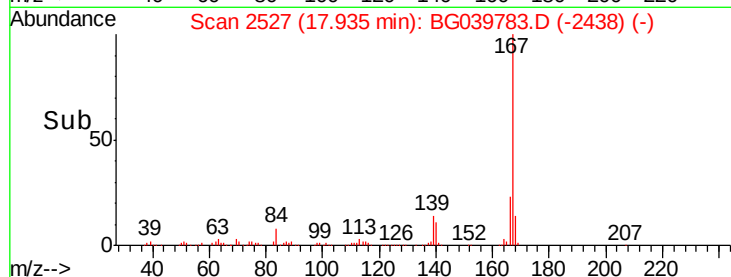
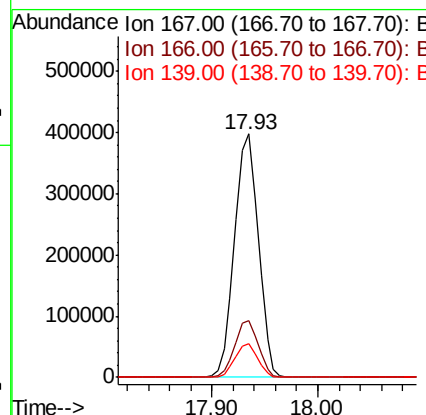
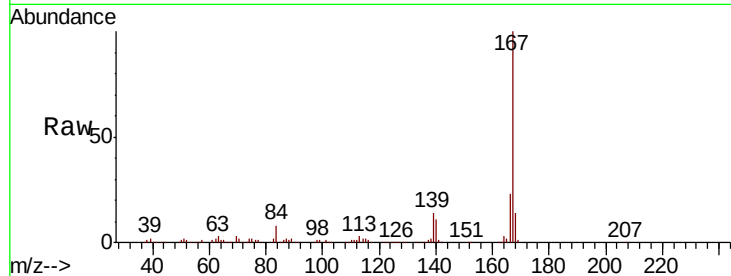




#73
 Carbazole
 Concen: 39.793 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

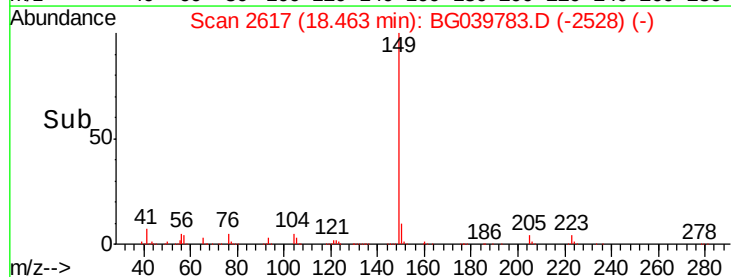
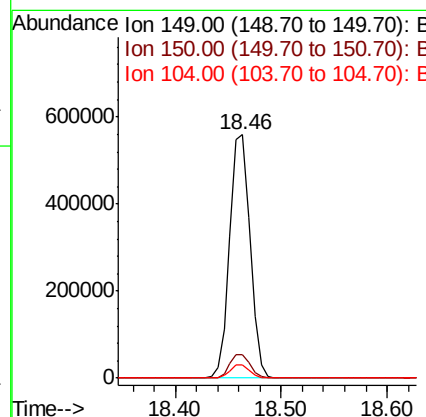
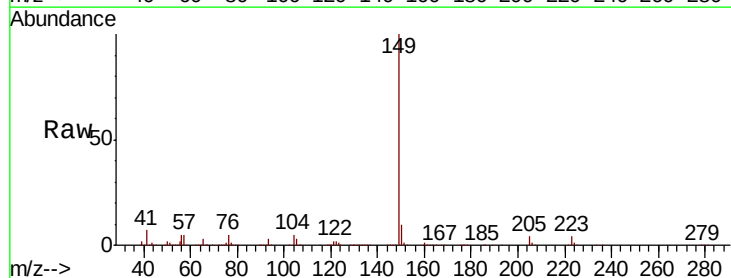
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

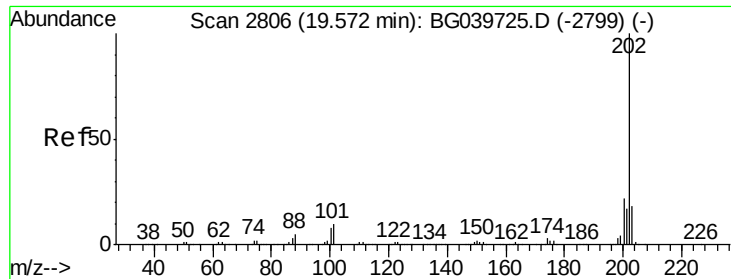
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.4	29.2
139	13.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 40.883 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BG039783.D
 Acq: 6 Mar 2019 12:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 39.759 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

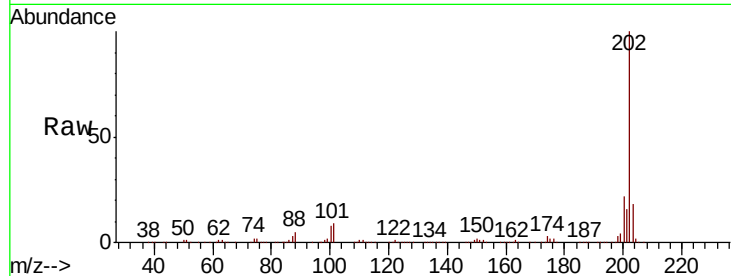
Tgt Ion: 202 Resp: 831821

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

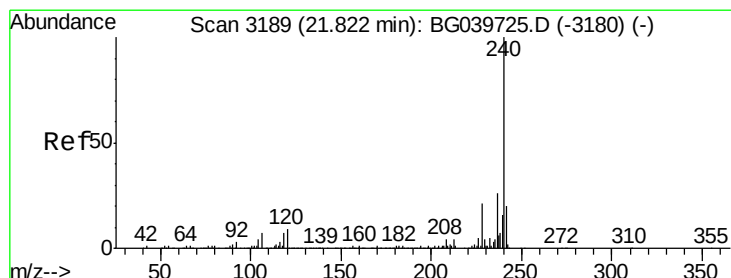
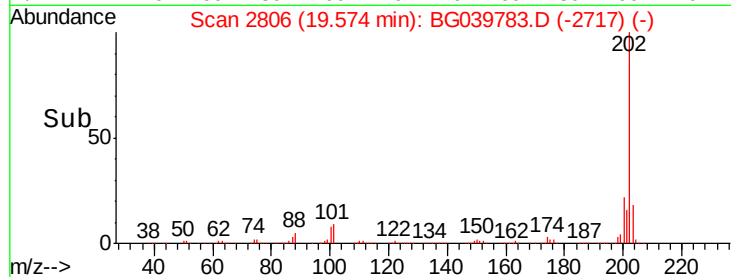
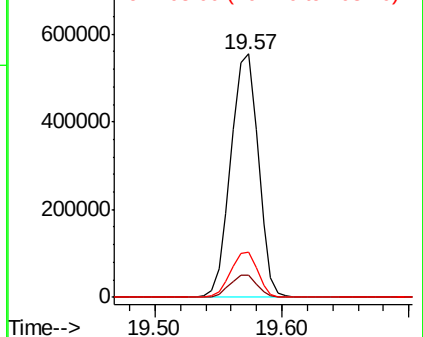
203 18.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

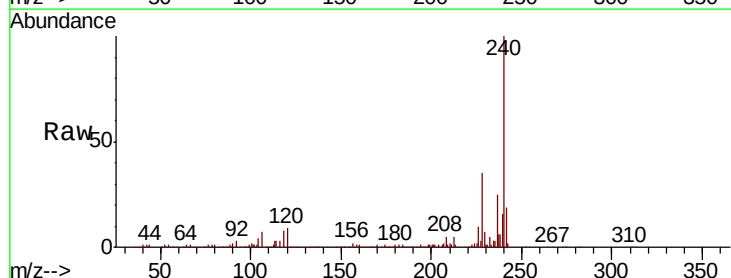
Tgt Ion: 240 Resp: 324009

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

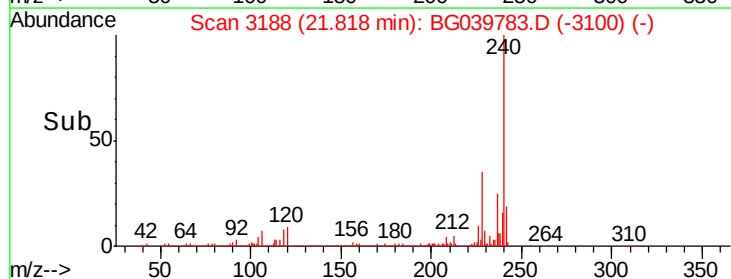
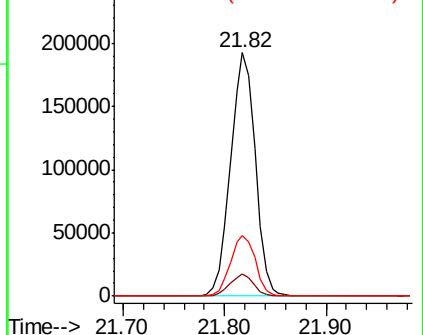
236 25.0 21.0 31.4

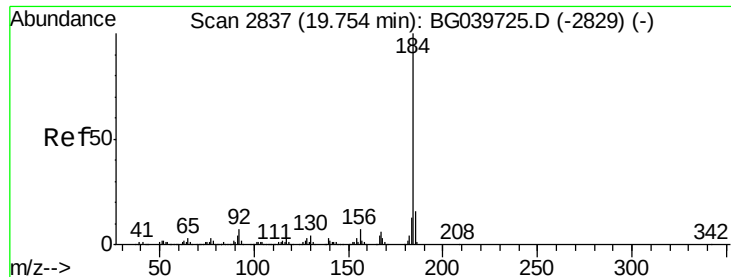


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.010 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

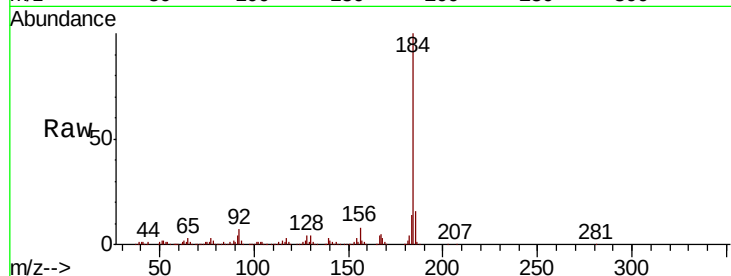
Tgt Ion:184 Resp: 390808

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

183 14.2 10.6 15.8

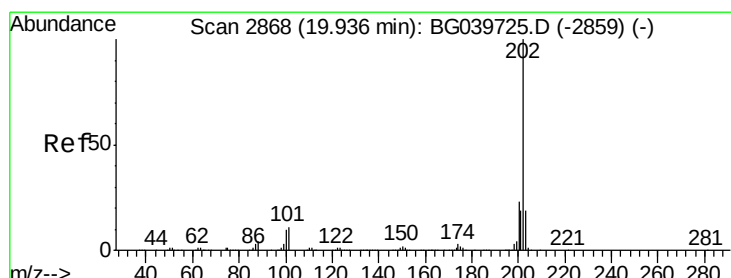
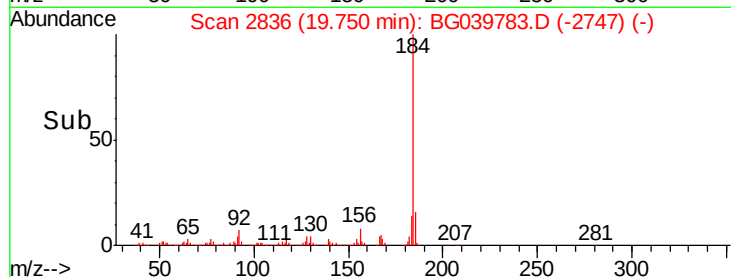
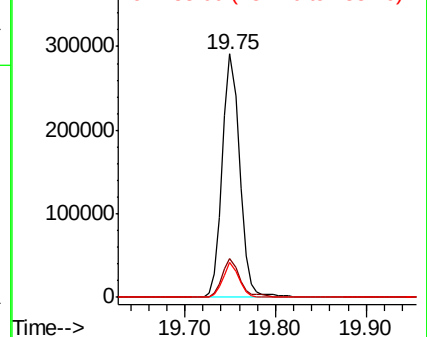


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.649 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

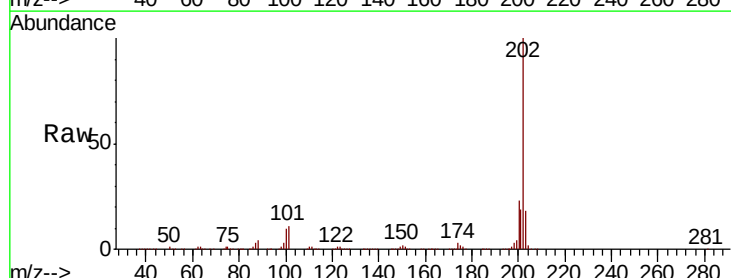
Tgt Ion:202 Resp: 813726

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

203 18.5 15.3 22.9

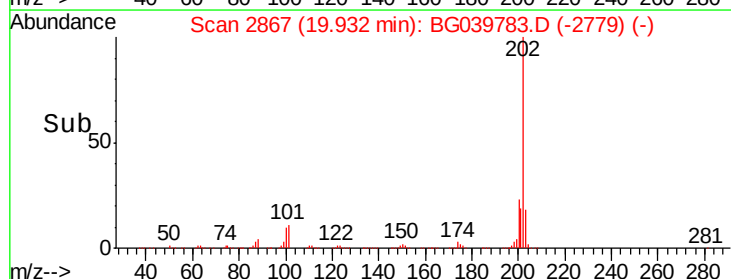
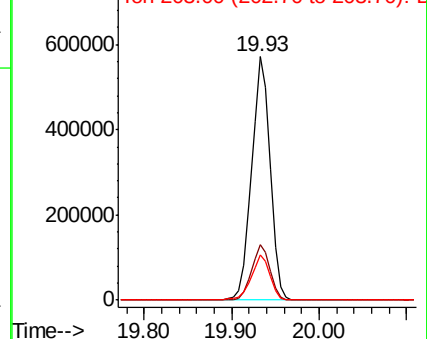


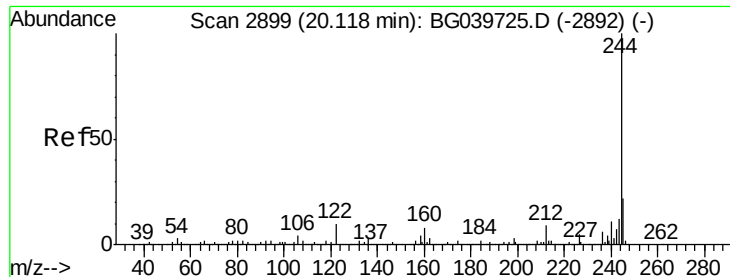
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.863 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

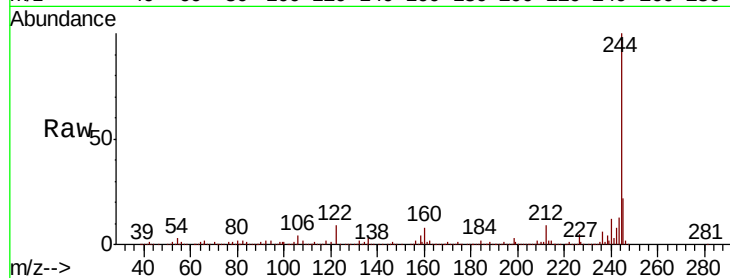
Tgt Ion:244 Resp: 1101658

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

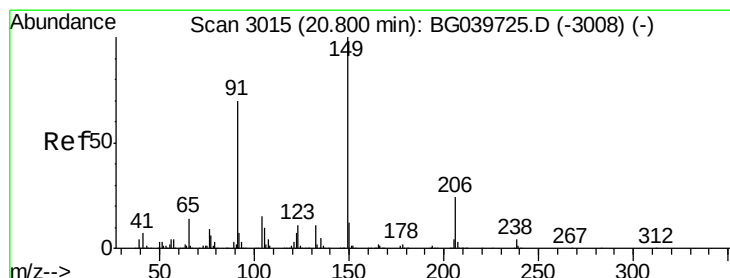
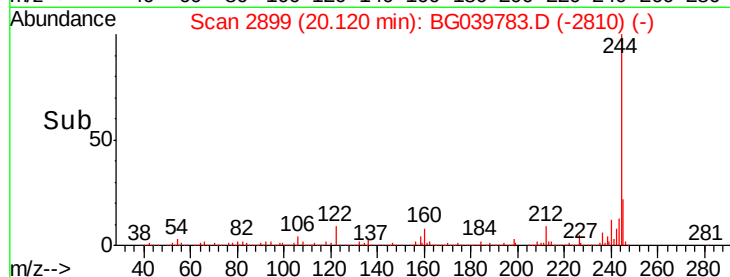
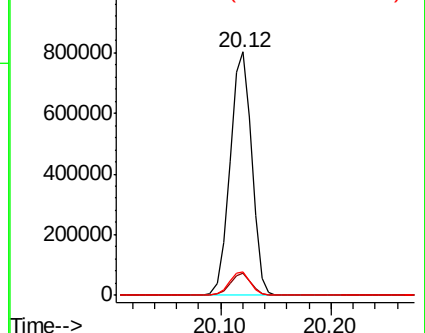
122 9.5 8.4 12.6



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: 42.357 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

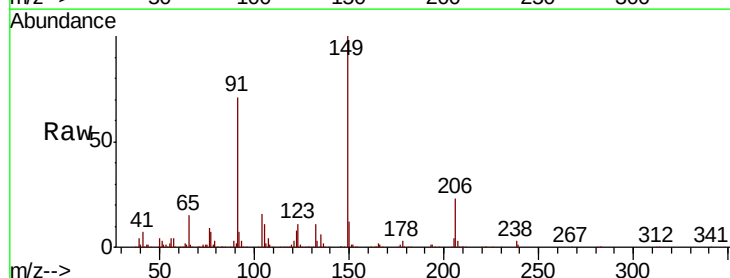
Tgt Ion:149 Resp: 345504

Ion Ratio Lower Upper

149 100

91 71.4 59.5 89.3

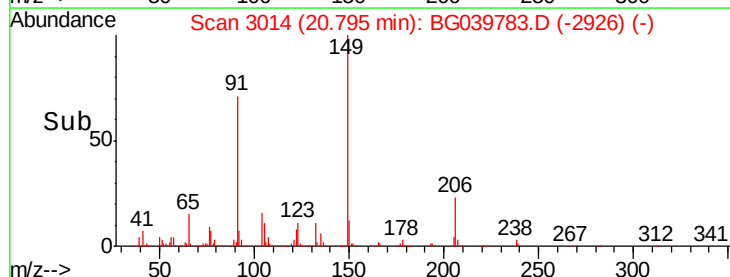
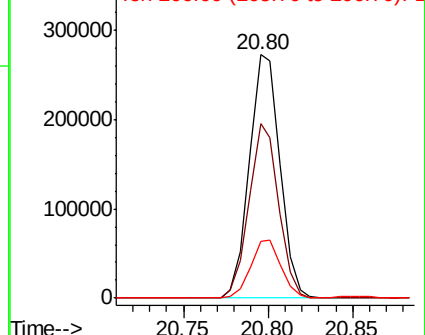
206 23.4 18.6 27.8

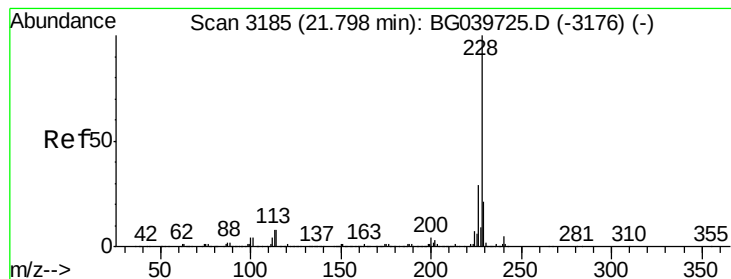


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.418 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

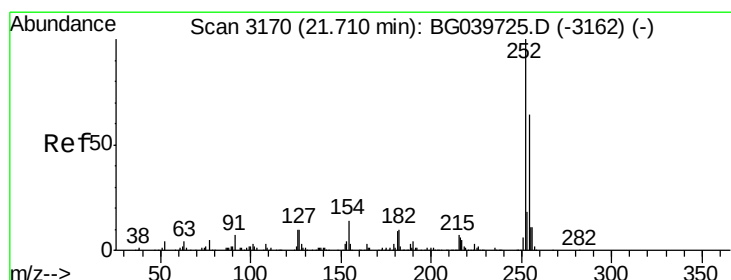
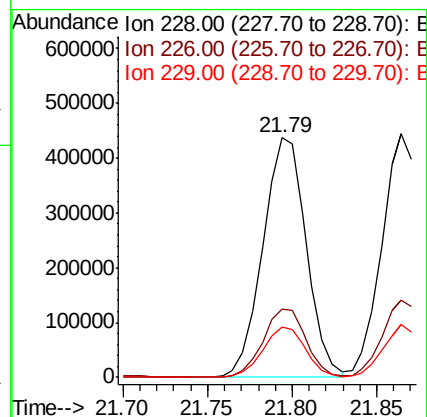
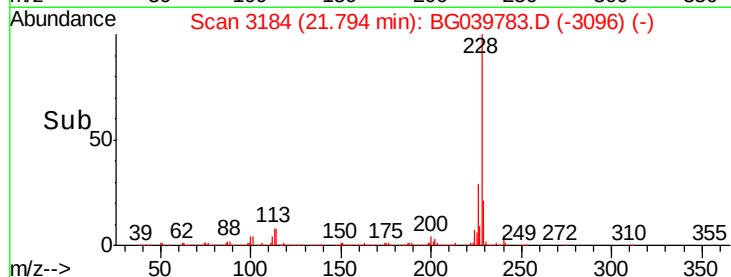
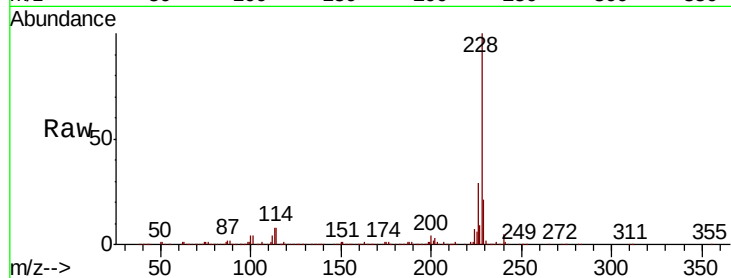
Tgt Ion:228 Resp: 780131

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

229 20.9 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 24.626 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

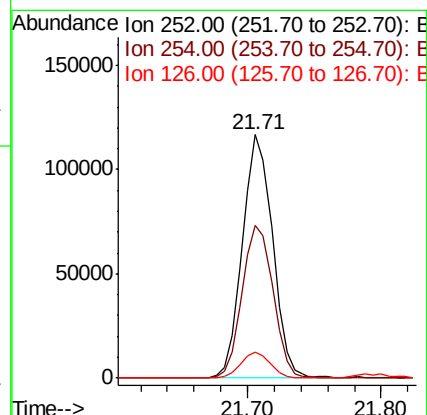
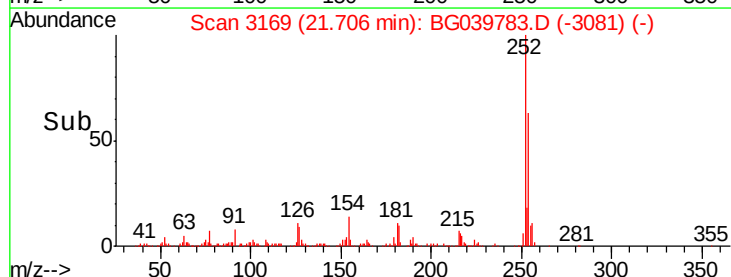
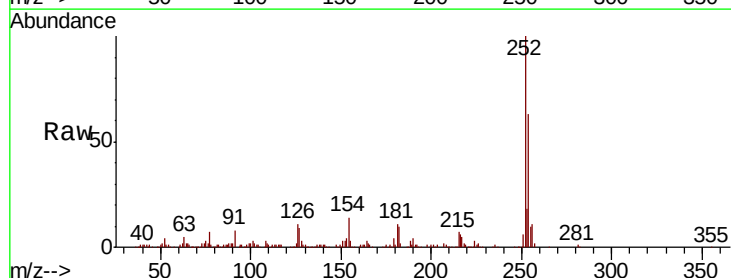
Tgt Ion:252 Resp: 182574

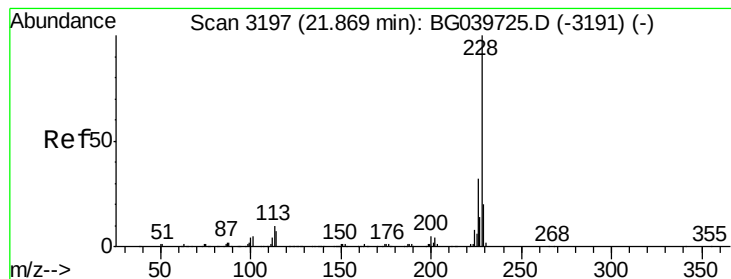
Ion Ratio Lower Upper

252 100

254 62.8 51.3 76.9

126 10.9 8.0 12.0





#83

Chrysene

Concen: 38.054 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

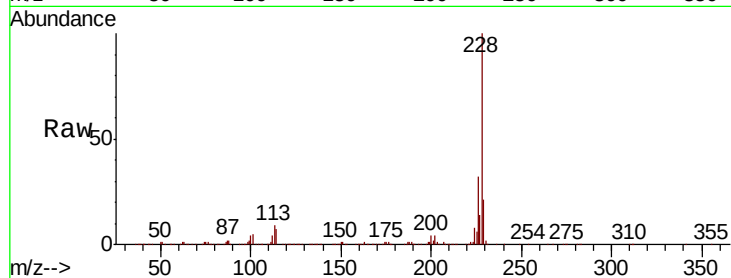
Tgt Ion:228 Resp: 749150

Ion Ratio Lower Upper

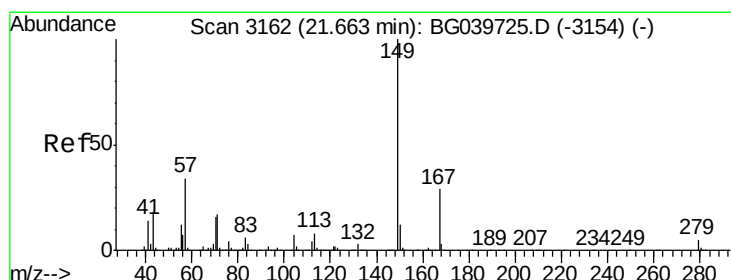
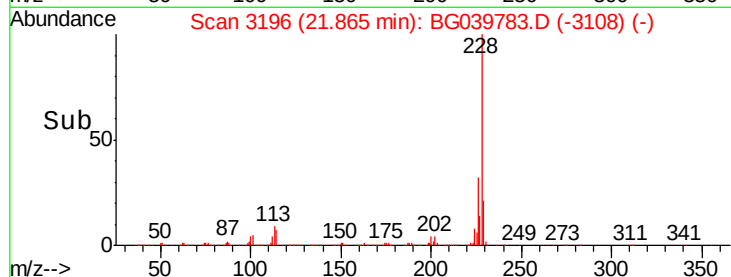
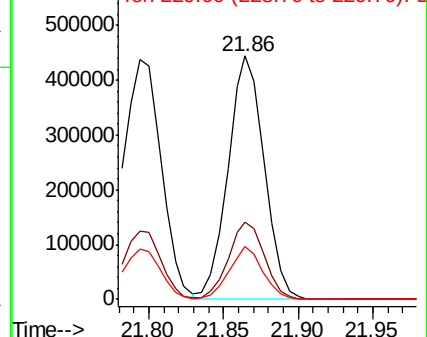
228 100

226 31.9 25.8 38.6

229 21.5 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.345 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

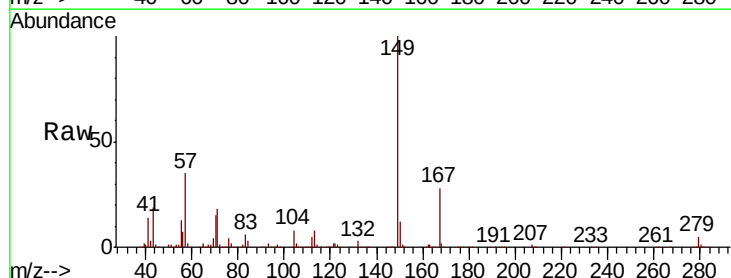
Tgt Ion:149 Resp: 485377

Ion Ratio Lower Upper

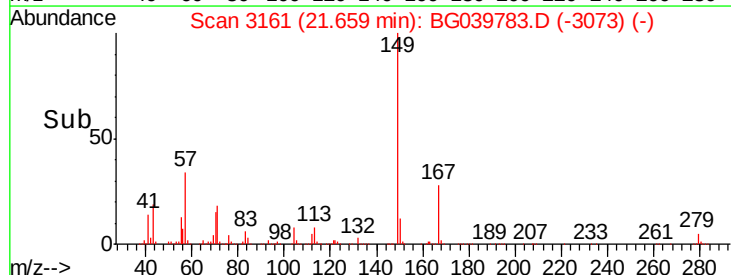
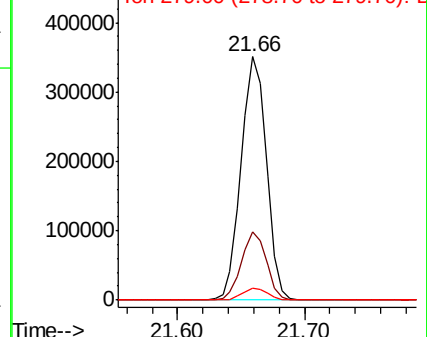
149 100

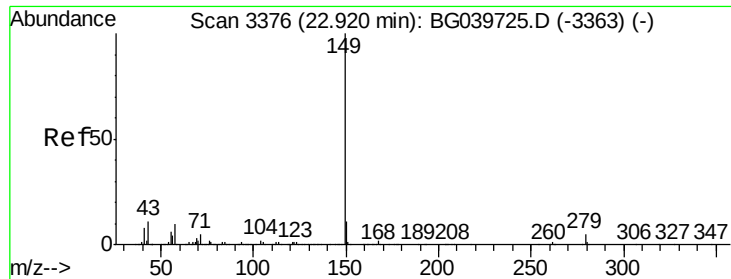
167 28.1 22.6 34.0

279 4.8 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

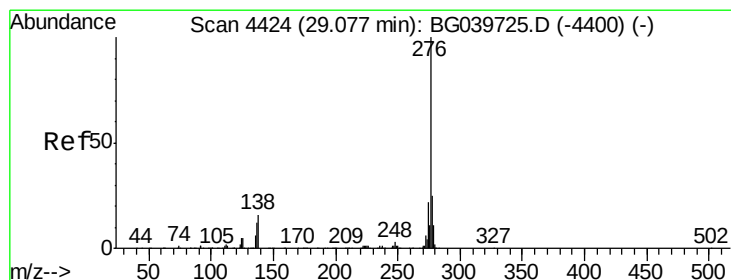
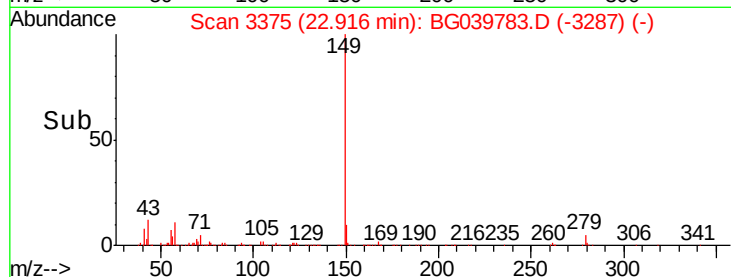
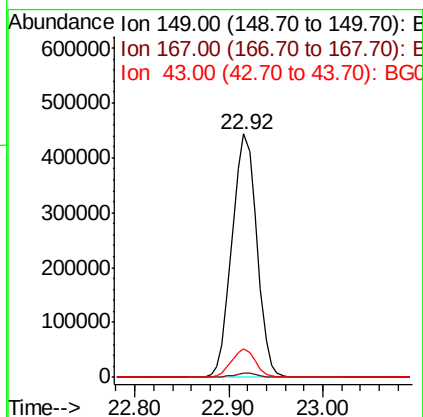
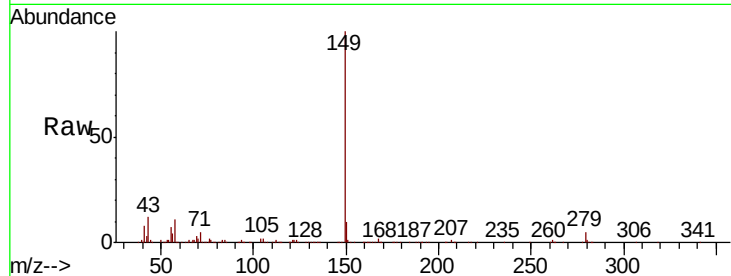




#85
Di-n-octyl phthalate
Concen: 42.981 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

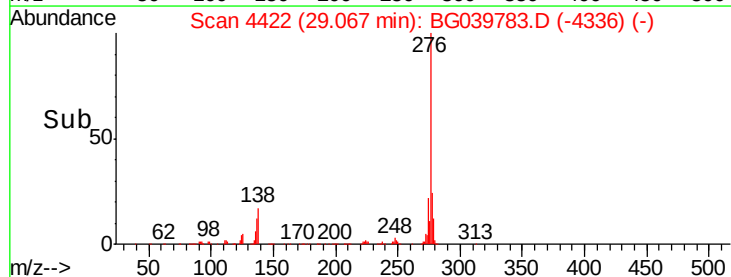
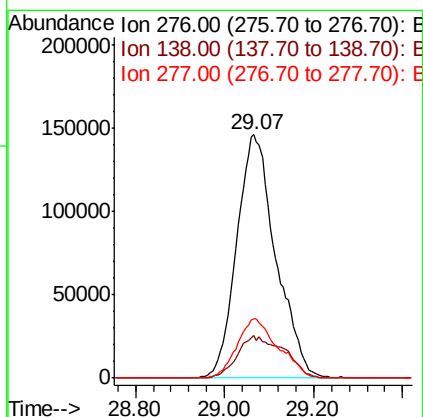
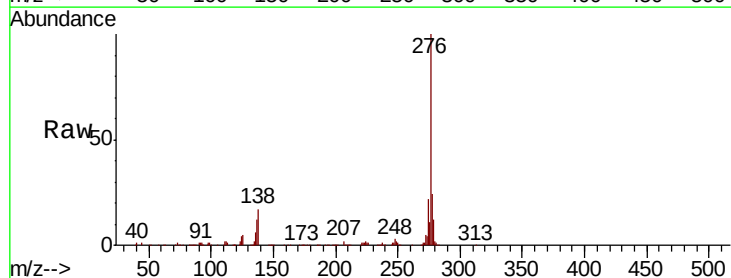
Instrument :
BNA_G
ClientSampleId :
PB117613BS

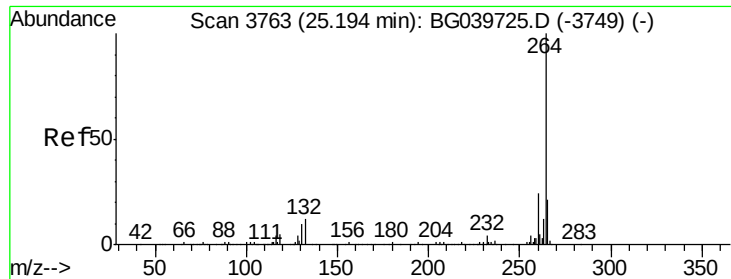
Tgt Ion:149 Resp: 815752
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.3 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.648 ng
RT: 29.07 min Scan# 4422
Delta R.T. -0.02 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion:276 Resp: 885482
Ion Ratio Lower Upper
276 100
138 20.7 12.6 19.0#
277 25.7 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

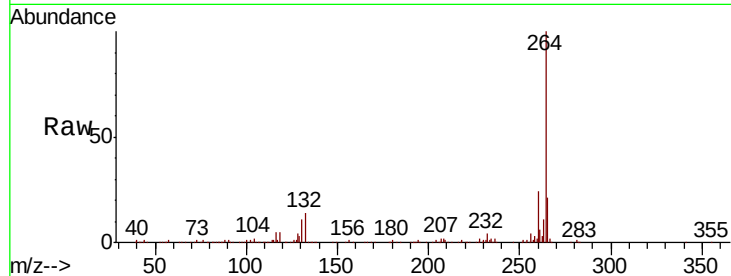
Tgt Ion:264 Resp: 322008

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.5 18.5 27.7

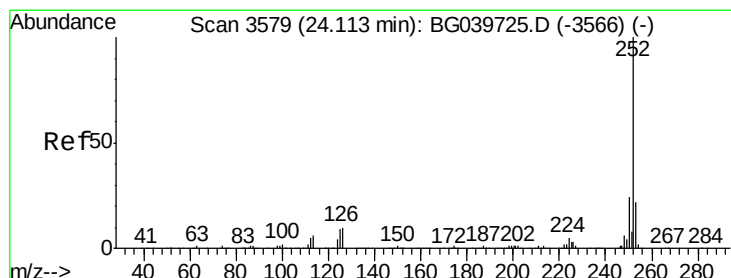
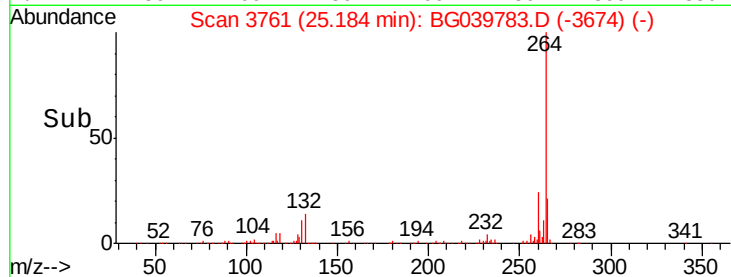
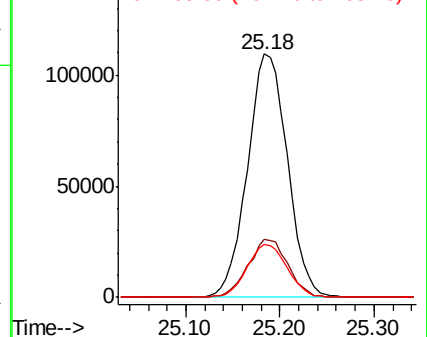


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.544 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

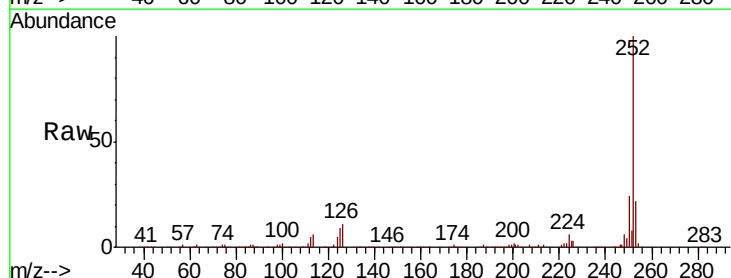
Tgt Ion:252 Resp: 778527

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.8 7.8 11.6

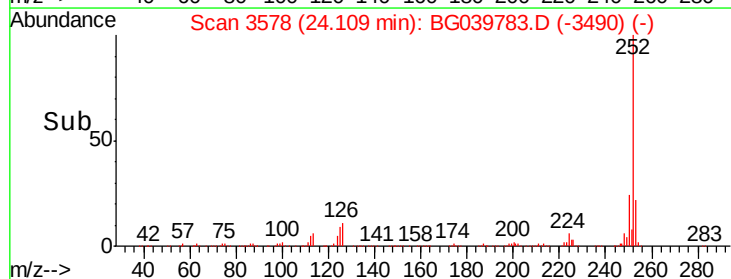
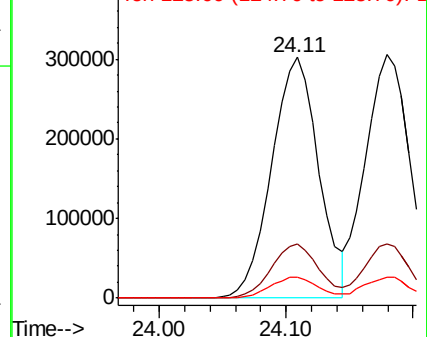


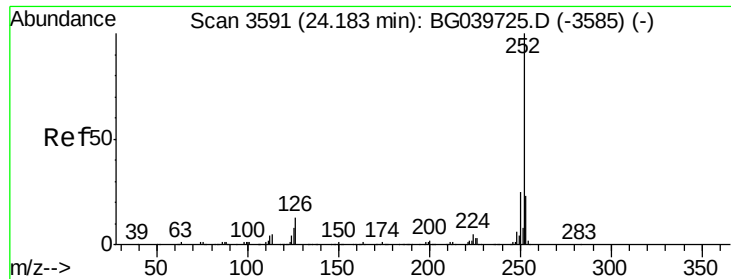
Abundance

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: 41.682 ng

RT: 24.18 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

Instrument :

BNA_G

ClientSampleId :

PB117613BS

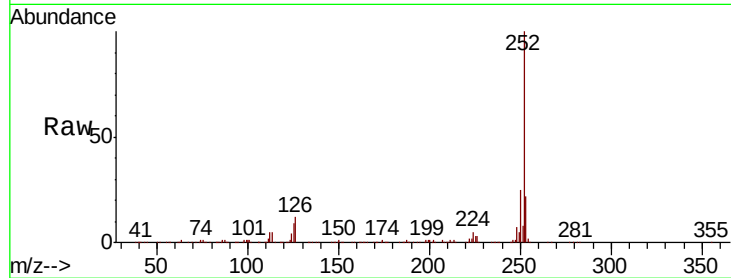
Tgt Ion:252 Resp: 745030

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 8.8 7.4 11.2

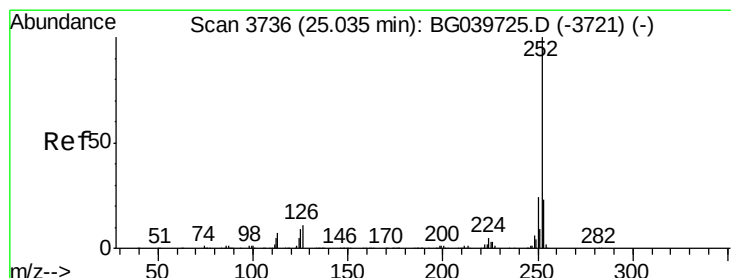
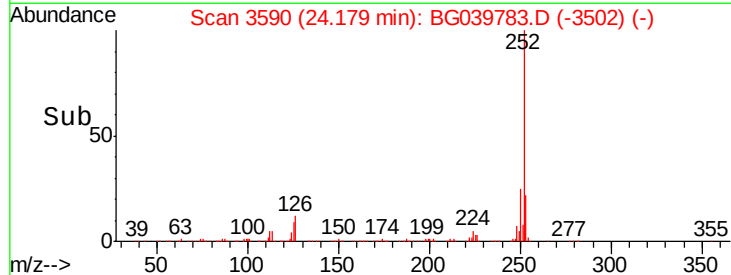
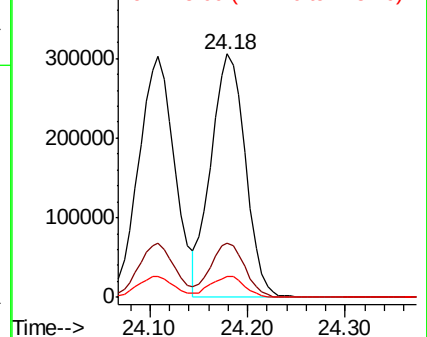


Abundance

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: 42.507 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG039783.D

Acq: 6 Mar 2019 12:10

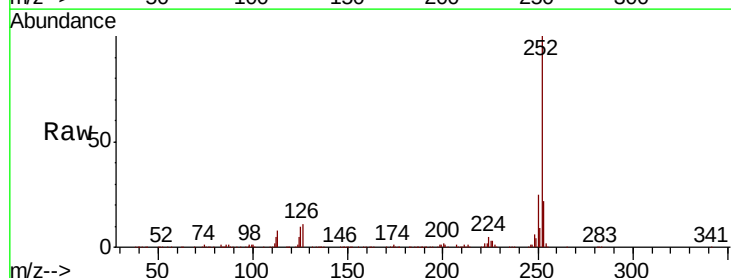
Tgt Ion:252 Resp: 754233

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 10.0 8.3 12.5

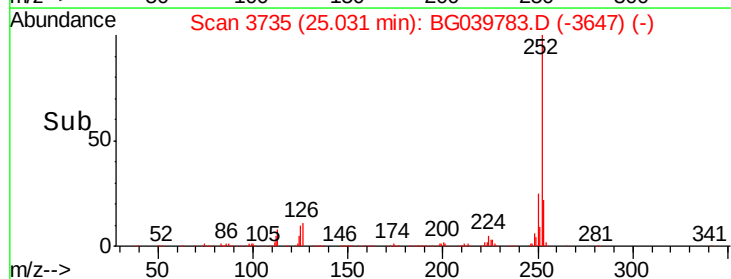
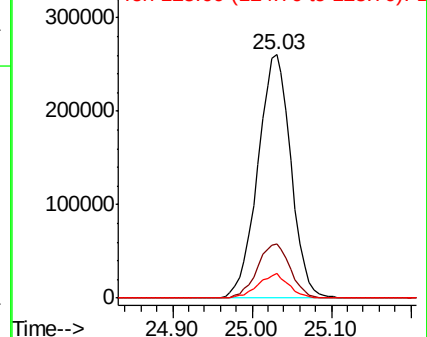


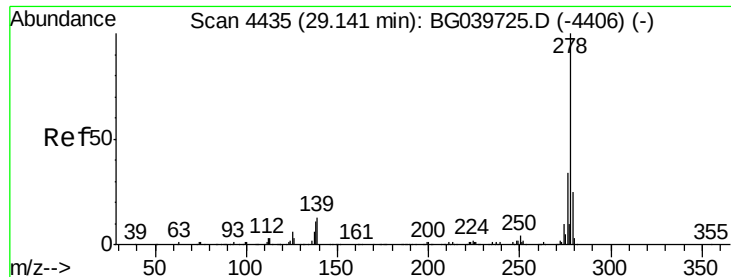
Abundance

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

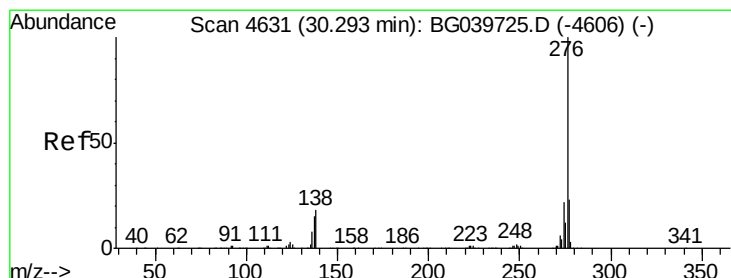
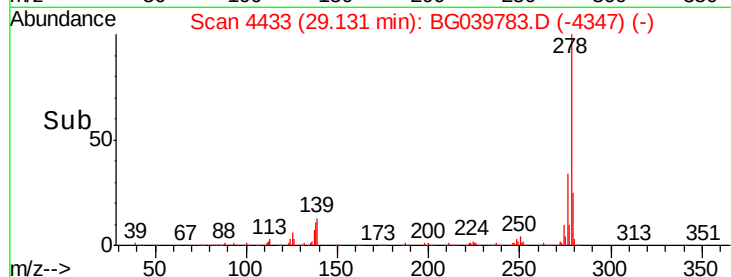
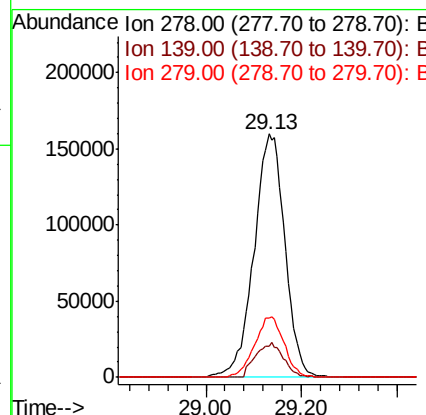
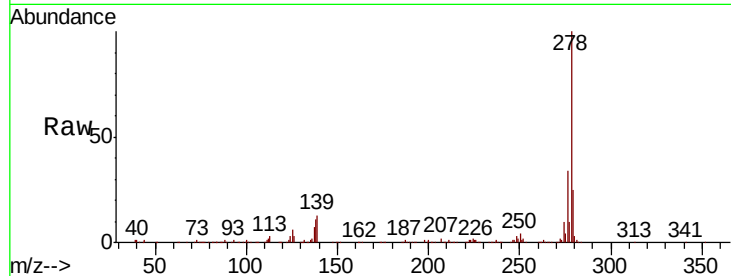




#91
Dibenzo(a,h)anthracene
Concen: 41.268 ng
RT: 29.13 min Scan# 4433
Delta R.T. -0.02 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion: 278 Resp: 717861
Ion Ratio Lower Upper
278 100
139 12.8 11.7 17.5
279 24.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 42.136 ng
RT: 30.30 min Scan# 4632
Delta R.T. -0.01 min
Lab File: BG039783.D
Acq: 6 Mar 2019 12:10

Tgt Ion: 276 Resp: 736134
Ion Ratio Lower Upper
276 100
277 23.4 19.6 29.4
138 16.7 14.7 22.1

