

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039734.D
 Acq On : 4 Mar 2019 16:52
 Operator : JU/SJ
 Sample : PB117567BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Quant Time: Mar 05 06:23:31 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	8.16	152	41981	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	180616	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	125095	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	321529	20.00	ng	0.00
76) Chrysene-d12	21.82	240	334082	20.00	ng	0.00
87) Perylene-d12	25.19	264	338184	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	352748	143.35	ng	0.00
7) Phenol-d6	7.31	99	497619	135.62	ng	0.00
23) Nitrobenzene-d5	9.33	82	257545	77.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	201843	138.43	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	648325	73.79	ng	-0.01
79) Terphenyl-d14	20.12	244	1121945	73.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	41961	36.935	ng	96
3) Pyridine	3.99	79	108117	35.548	ng	96
4) n-Nitrosodimethylamine	3.91	42	55026	38.137	ng	92
6) Aniline	7.48	93	143102	29.769	ng	100
8) 2-Chlorophenol	7.72	128	123055	41.219	ng	95
9) Benzaldehyde	7.29	77	80216	33.892	ng	98
10) Phenol	7.33	94	165051	41.524	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	113525	36.632	ng	96
12) 1,3-Dichlorobenzene	8.04	146	124849	36.977	ng	97
13) 1,4-Dichlorobenzene	8.19	146	126741	36.852	ng	100
14) 1,2-Dichlorobenzene	8.51	146	123967	37.307	ng	98
15) Benzyl Alcohol	8.39	79	112896	38.788	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	222303	35.866	ng	98
17) 2-Methylphenol	8.59	107	109238	43.100	ng	96
18) Hexachloroethane	9.25	117	43591	35.324	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	95026	35.981	ng	95
20) 3+4-Methylphenols	8.92	107	148159	42.078	ng	98
22) Acetophenone	8.99	105	179651	37.059	ng	# 94
24) Nitrobenzene	9.38	77	138290	39.473	ng	96
25) Isophorone	9.89	82	273816	39.131	ng	99
26) 2-Nitrophenol	10.09	139	68676	40.600	ng	94
27) 2,4-Dimethylphenol	10.13	122	129394	49.185	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	167193	39.318	ng	97
29) 2,4-Dichlorophenol	10.62	162	133590	45.102	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	130756	39.231	ng	99
31) Naphthalene	11.03	128	371425	38.840	ng	99
32) Benzoic acid	10.26	122	71380	40.683	ng	98
33) 4-Chloroaniline	11.14	127	86847	21.417	ng	96
34) Hexachlorobutadiene	11.30	225	83563	36.690	ng	92
35) Caprolactam	11.92	113	24548	21.696	ng	# 88
36) 4-Chloro-3-methylphenol	12.24	107	145969	42.991	ng	97
37) 2-Methylnaphthalene	12.62	142	289377	40.475	ng	99
38) 1-Methylnaphthalene	12.84	142	275257	39.617	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	159021	37.524	ng	98

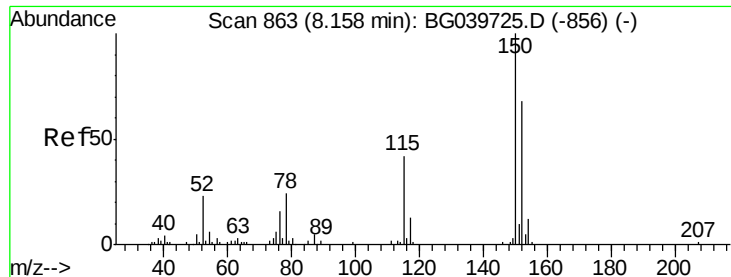
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	219742	96.755	ng	97
43) 2,4,6-Trichlorophenol	13.22	196	111471	44.928	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	122645	43.854	ng	97
46) 1,1'-Biphenyl	13.62	154	396237	38.511	ng	100
47) 2-Chloronaphthalene	13.67	162	307047	39.669	ng	98
48) 2-Nitroaniline	13.87	65	105884	42.567	ng	94
49) Acenaphthylene	14.51	152	497318	39.139	ng	98
50) Dimethylphthalate	14.23	163	423106	40.449	ng	100
51) 2,6-Dinitrotoluene	14.36	165	94303	42.526	ng	96
52) Acenaphthene	14.85	154	304724	39.845	ng	99
53) 3-Nitroaniline	14.70	138	57383	25.743	ng	# 91
54) 2,4-Dinitrophenol	14.90	184	113043	80.779	ng	100
55) Dibenzofuran	15.18	168	500158	39.861	ng	99
56) 4-Nitrophenol	14.99	139	167894	84.196	ng	90
57) 2,4-Dinitrotoluene	15.14	165	134262	43.089	ng	# 89
58) Fluorene	15.83	166	394239	39.967	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	123170	45.096	ng	96
60) Diethylphthalate	15.58	149	428364	41.368	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	211319	40.147	ng	98
62) 4-Nitroaniline	15.86	138	101036	41.809	ng	92
63) Azobenzene	16.11	77	380715	40.560	ng	96
65) 4,6-Dinitro-2-methylphenol	15.90	198	77810	40.929	ng	98
66) n-Nitrosodiphenylamine	16.03	169	366348	39.357	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	141374	39.282	ng	93
68) Hexachlorobenzene	16.82	284	142883	38.300	ng	95
69) Atrazine	16.97	200	150383	41.050	ng	98
70) Pentachlorophenol	17.17	266	190272	80.758	ng	99
71) Phenanthrene	17.58	178	679393	38.362	ng	99
72) Anthracene	17.66	178	690285	39.997	ng	98
73) Carbazole	17.93	167	620113	39.857	ng	97
74) Di-n-butylphthalate	18.46	149	755244	41.257	ng	99
75) Fluoranthene	19.57	202	840852	40.174	ng	99
77) Benzidine	19.75	184	444759	41.953	ng	97
78) Pyrene	19.94	202	841026	38.741	ng	99
80) Butylbenzylphthalate	20.80	149	347367	41.301	ng	95
81) Benzo(a)anthracene	21.80	228	795924	38.014	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	169000	22.108	ng	98
83) Chrysene	21.87	228	774590	38.160	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	480888	40.688	ng	100
85) Di-n-octyl phthalate	22.92	149	825884	42.203	ng	95
86) Indeno(1,2,3-cd)pyrene	29.07	276	913217	39.657	ng	# 96
88) Benzo(b)fluoranthene	24.11	252	809525	40.142	ng	99
89) Benzo(k)fluoranthene	24.18	252	773420	41.201	ng	99
90) Benzo(a)pyrene	25.03	252	790771	42.435	ng	98
91) Dibenzo(a,h)anthracene	29.15	278	739308	40.468	ng	99
92) Benzo(g,h,i)perylene	30.30	276	752911	41.035	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039734.D

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PB117567BS

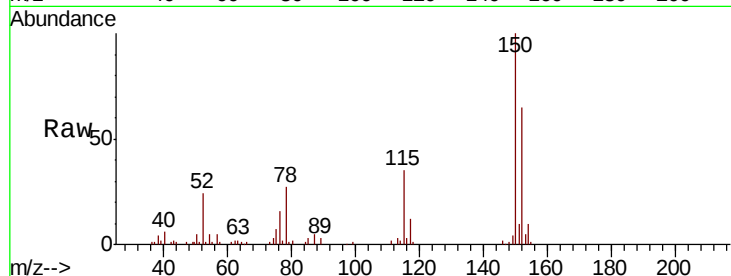
Tgt Ion:152 Resp: 41981

Ion Ratio Lower Upper

152 100

150 153.4 123.7 185.5

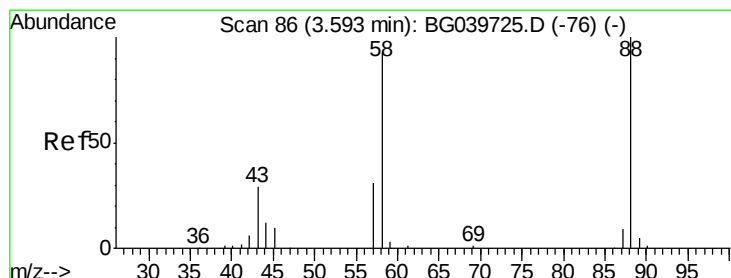
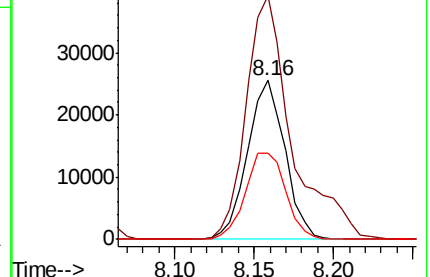
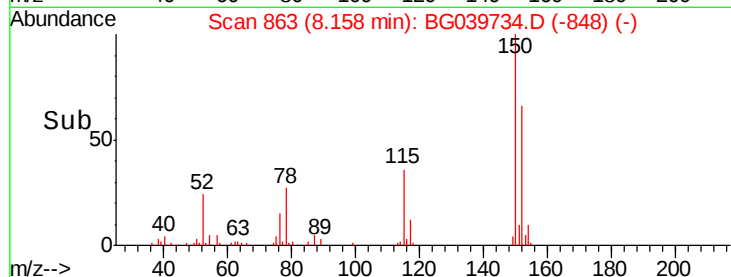
115 53.9 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.935 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

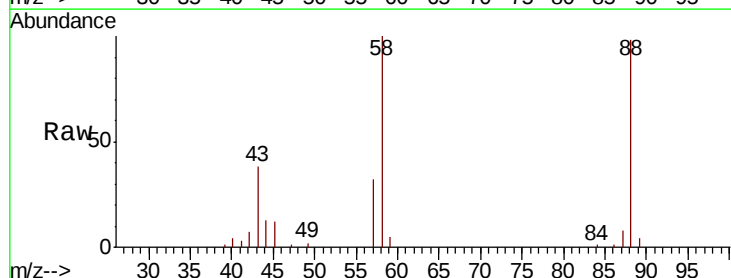
Tgt Ion: 88 Resp: 41961

Ion Ratio Lower Upper

88 100

58 98.3 81.1 121.7

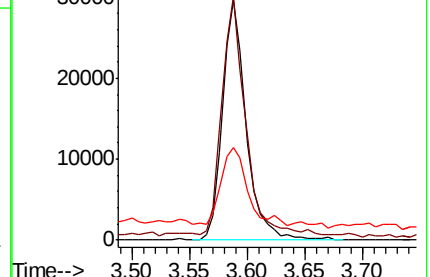
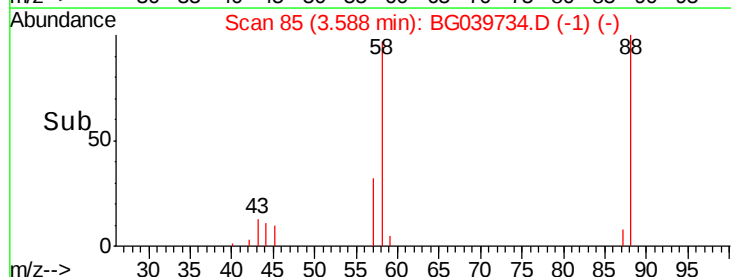
43 35.6 31.4 47.0

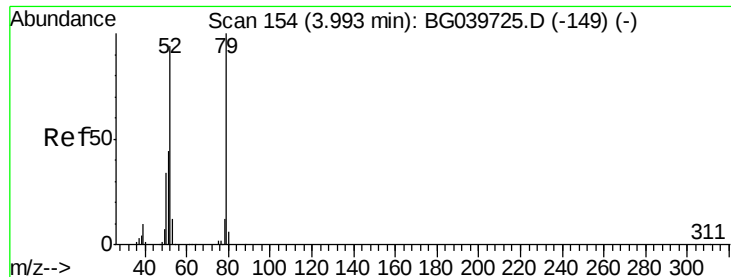


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.548 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

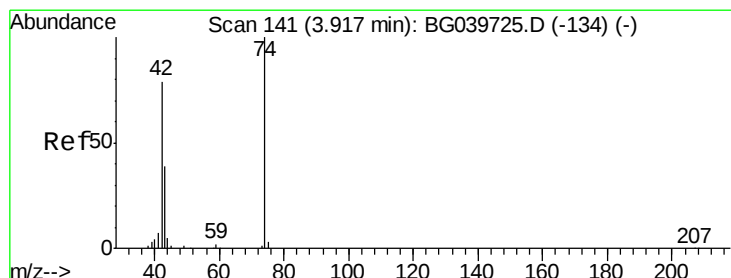
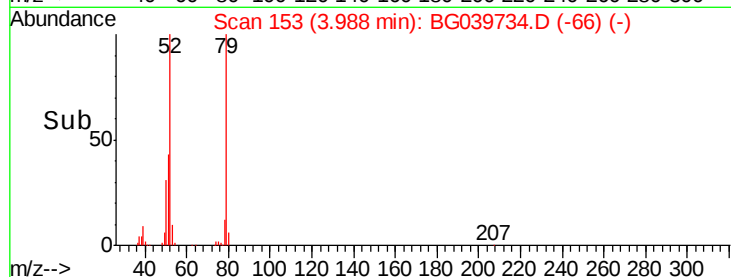
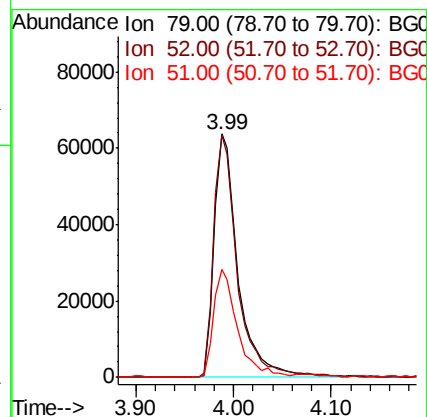
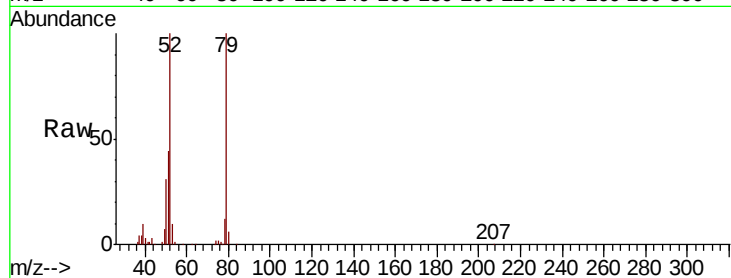
Tgt Ion: 79 Resp: 108117

Ion Ratio Lower Upper

79 100

52 99.7 82.6 124.0

51 44.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.137 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

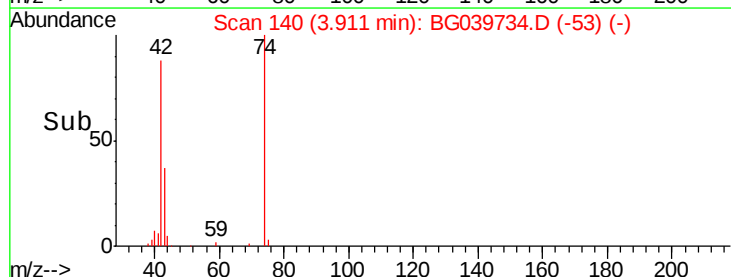
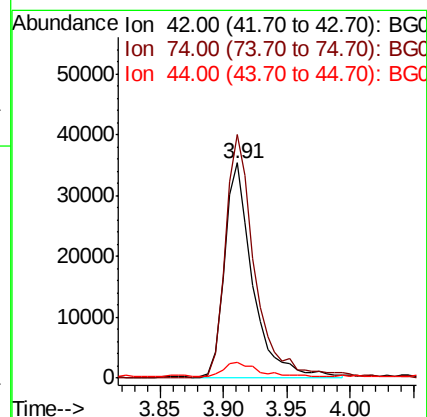
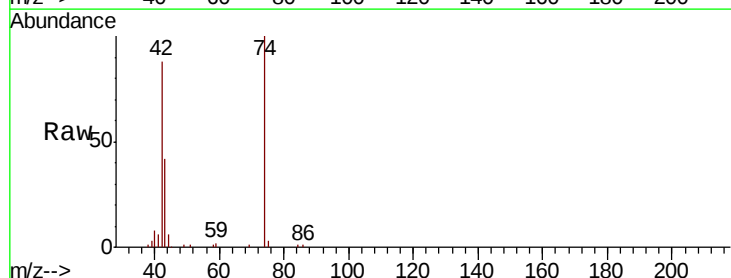
Tgt Ion: 42 Resp: 55026

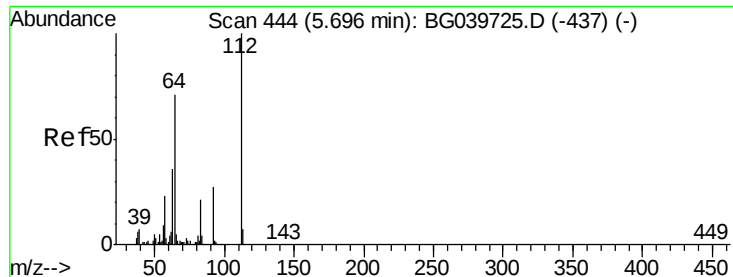
Ion Ratio Lower Upper

42 100

74 113.1 83.6 125.4

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 143.348 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

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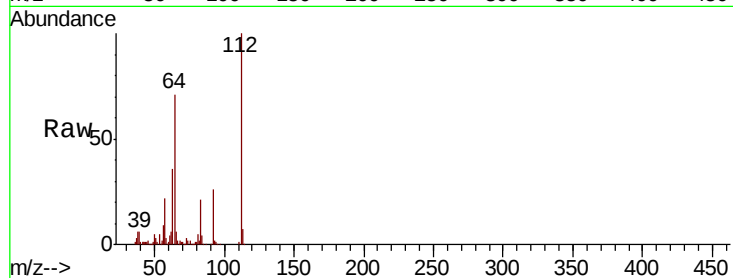
Tgt Ion: 112 Resp: 352748

Ion Ratio Lower Upper

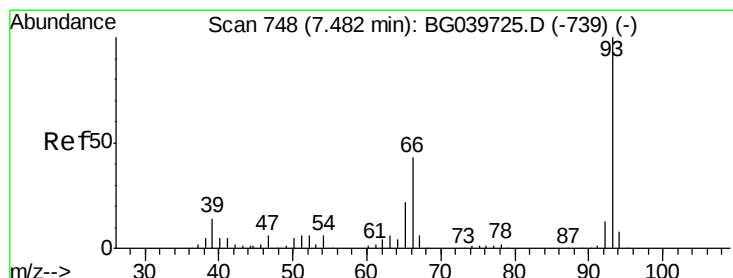
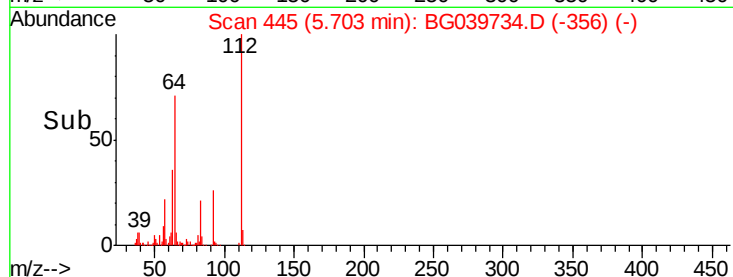
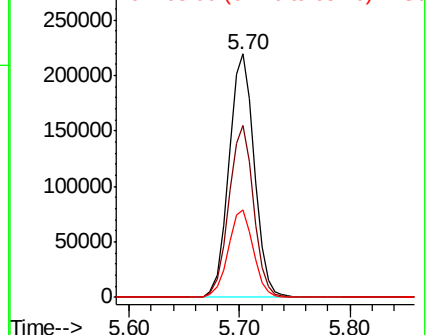
112 100

64 70.7 57.8 86.8

63 36.0 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: 29.769 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

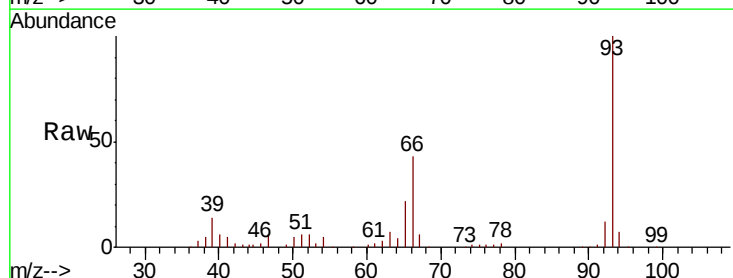
Tgt Ion: 93 Resp: 143102

Ion Ratio Lower Upper

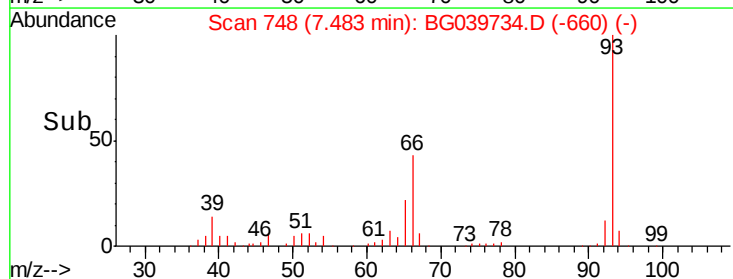
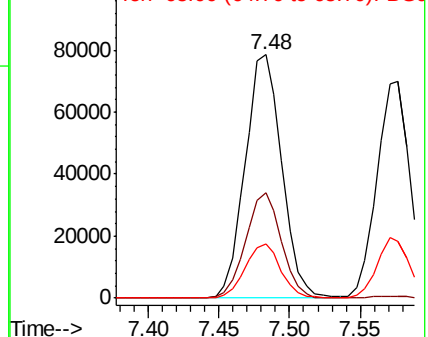
93 100

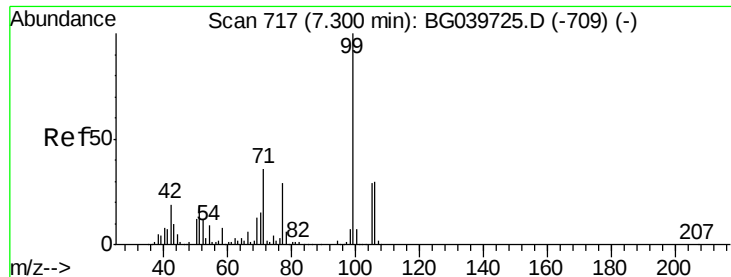
66 43.1 34.2 51.4

65 22.1 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: 135.622 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

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ClientSampleId :

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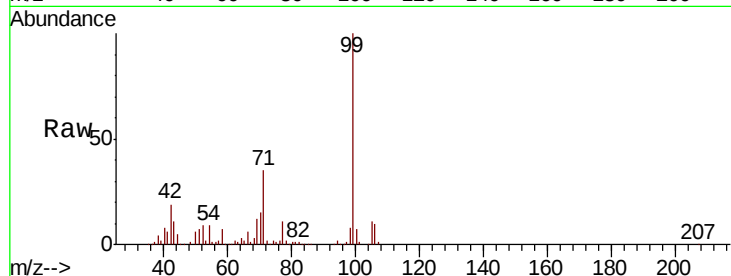
Tgt Ion: 99 Resp: 497619

Ion Ratio Lower Upper

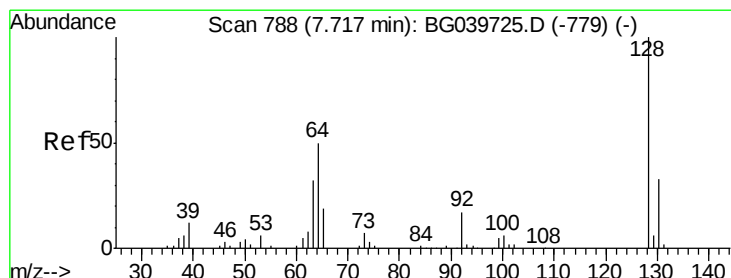
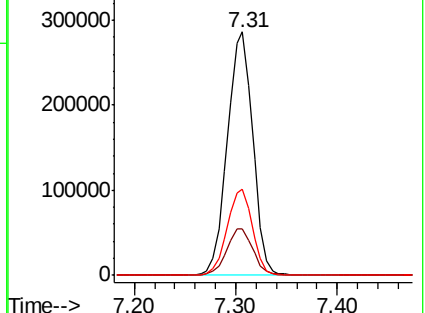
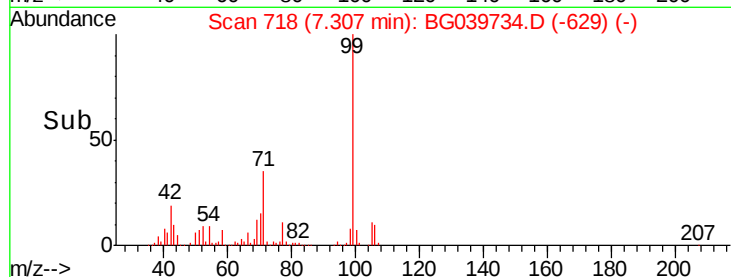
99 100

42 19.3 18.2 27.2

71 35.3 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.219 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

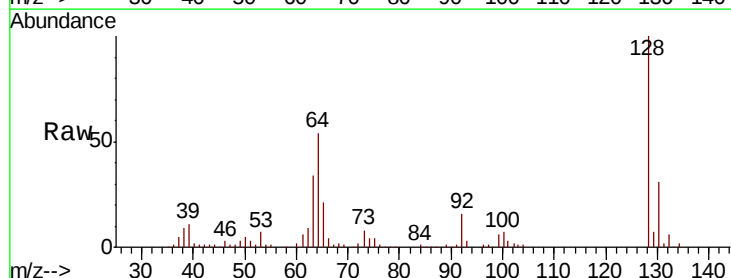
Tgt Ion: 128 Resp: 123055

Ion Ratio Lower Upper

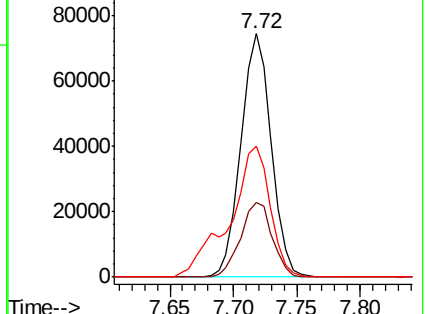
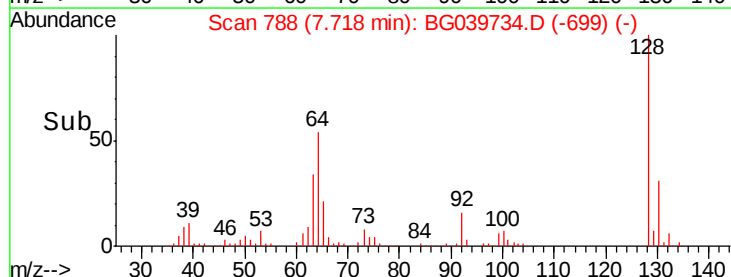
128 100

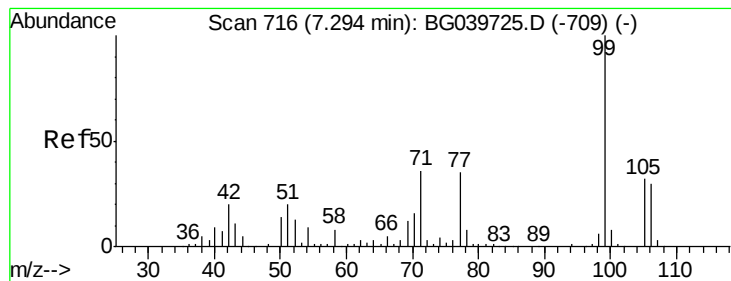
130 30.9 12.9 52.9

64 54.0 38.7 78.7



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





#9

Benzaldehyde

Concen: 33.892 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

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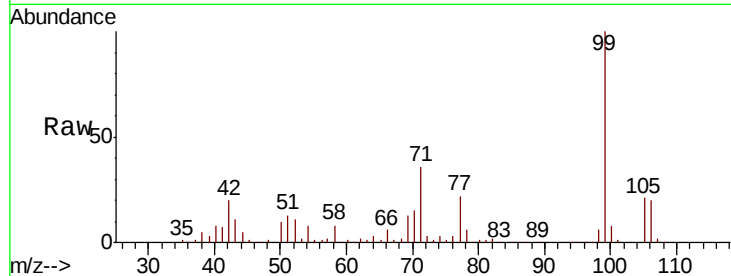
Tgt Ion: 77 Resp: 80216

Ion Ratio Lower Upper

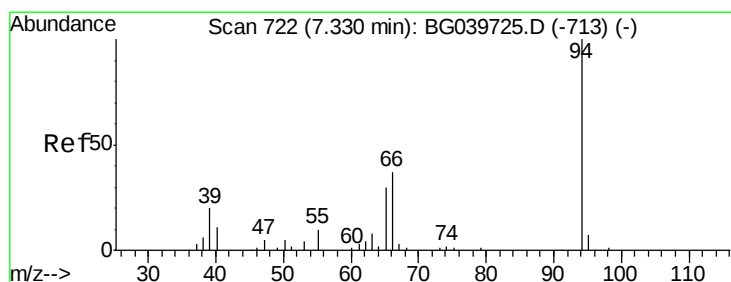
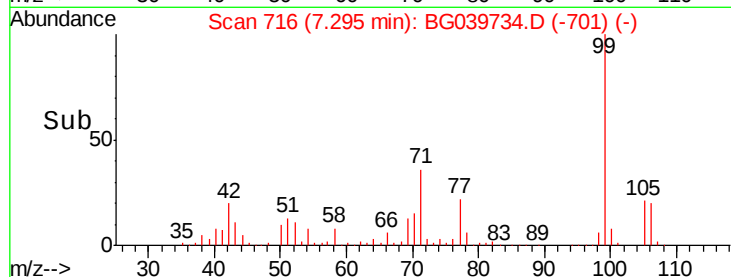
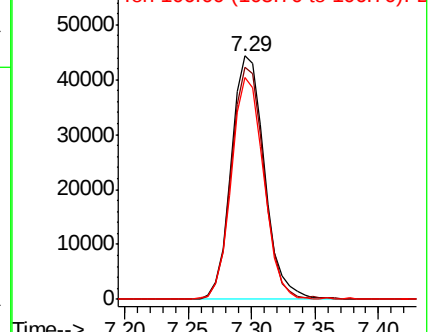
77 100

105 95.3 74.5 114.5

106 90.9 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: 41.524 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

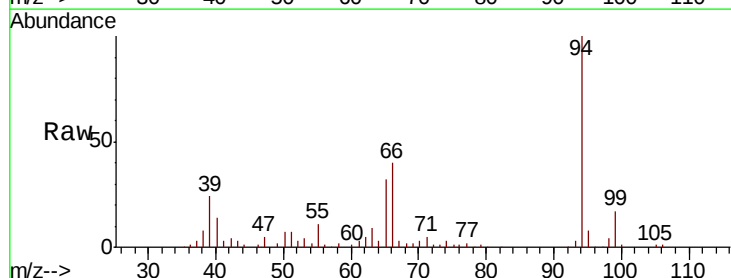
Tgt Ion: 94 Resp: 165051

Ion Ratio Lower Upper

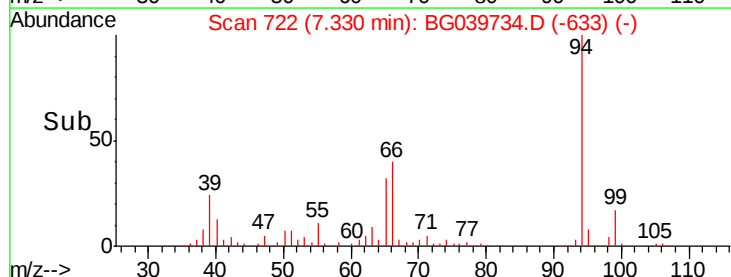
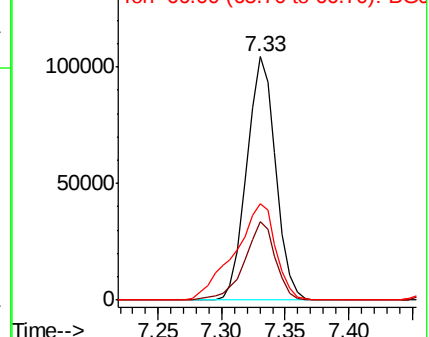
94 100

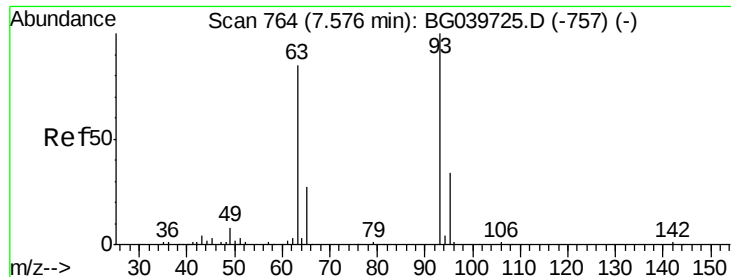
65 32.1 11.7 51.7

66 39.7 23.7 63.7



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

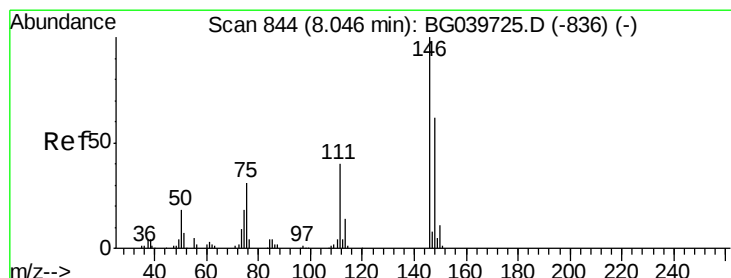
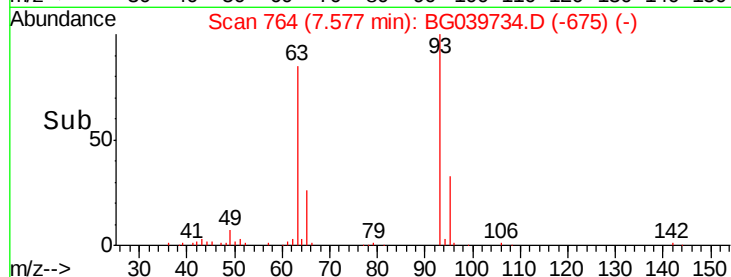
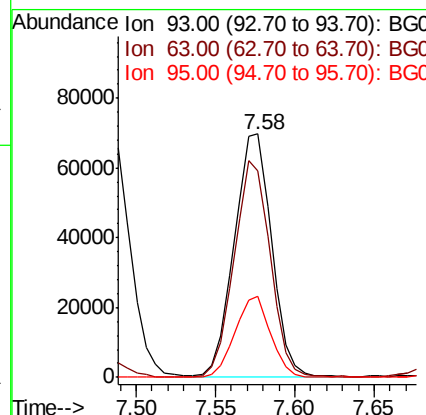
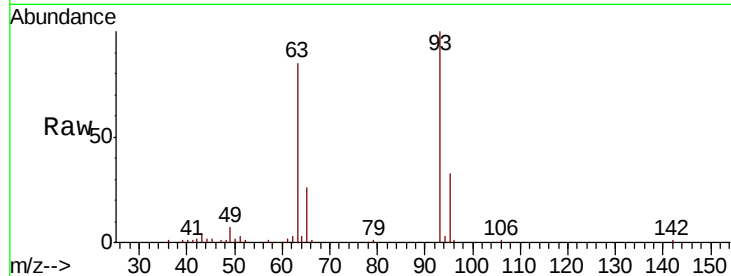




#11
bis(2-Chloroethyl)ether
Concen: 36.632 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

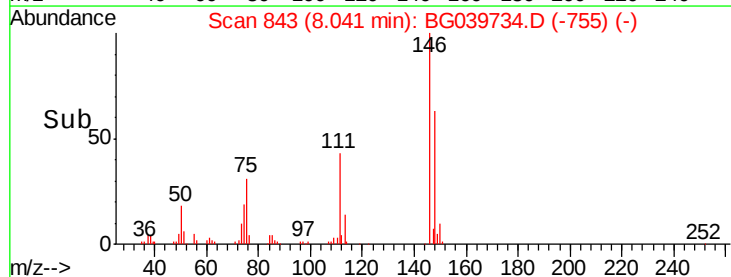
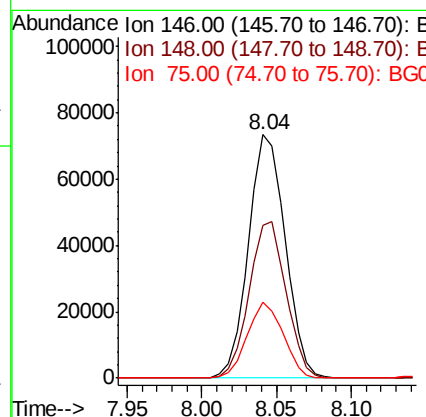
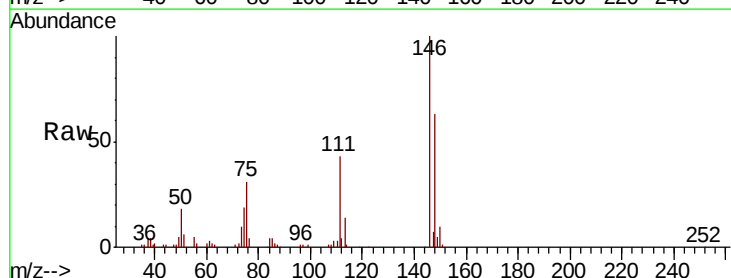
Instrument :
BNA_G
ClientSampleId :
PB117567BS

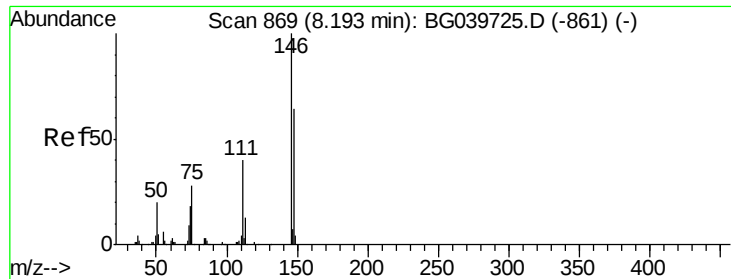
Tgt Ion: 93 Resp: 113525
Ion Ratio Lower Upper
93 100
63 85.1 69.5 109.5
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 36.977 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion: 146 Resp: 124849
Ion Ratio Lower Upper
146 100
148 62.9 52.6 79.0
75 31.0 25.8 38.6

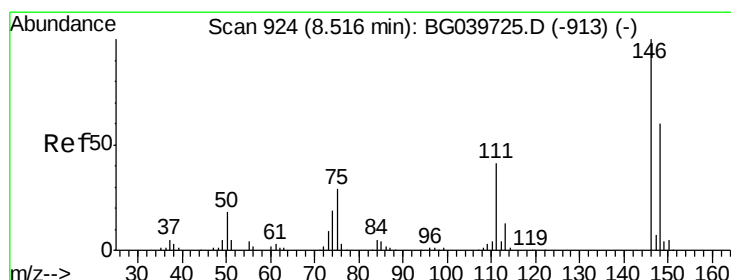
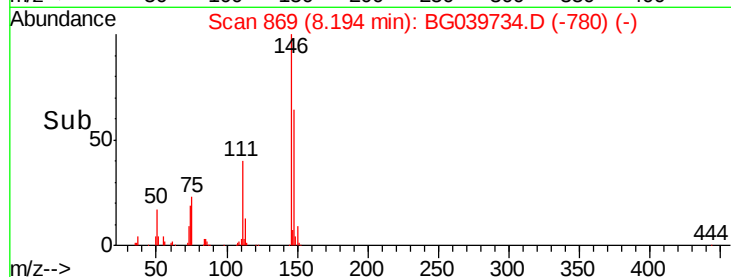
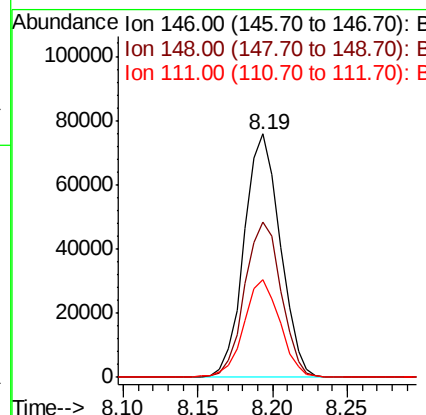
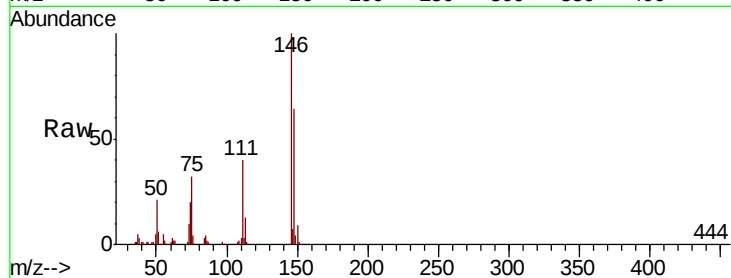




#13
 1,4-Dichlorobenzene
 Concen: 36.852 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

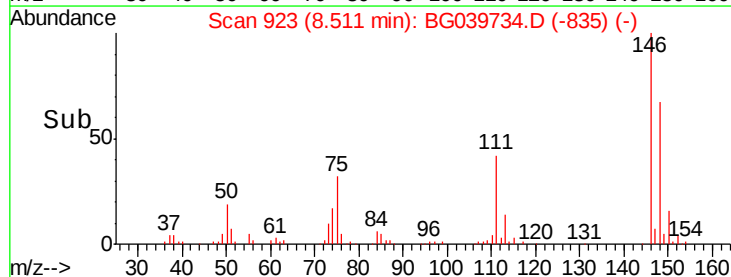
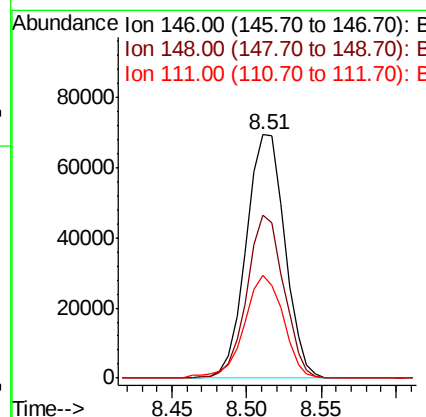
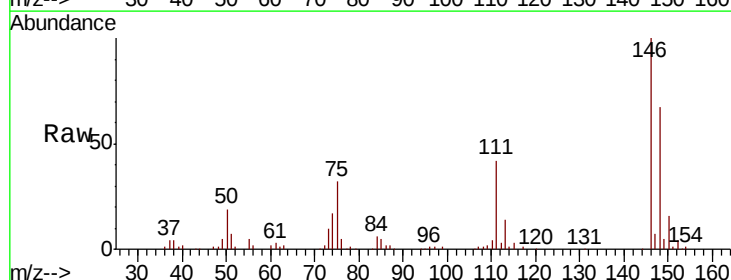
Instrument :
 BNA_G
 ClientSampleID :
 PB117567BS

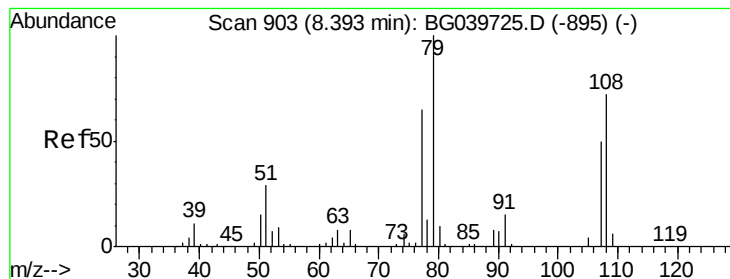
Tgt Ion:146 Resp: 126741
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 40.3 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 37.307 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion:146 Resp: 123967
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.5 77.3
 111 42.3 33.8 50.6





#15

Benzyl Alcohol

Concen: 38.788 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

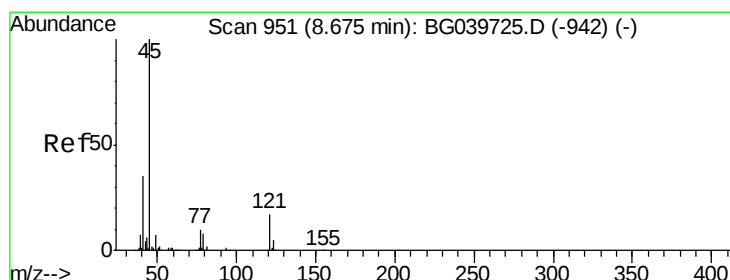
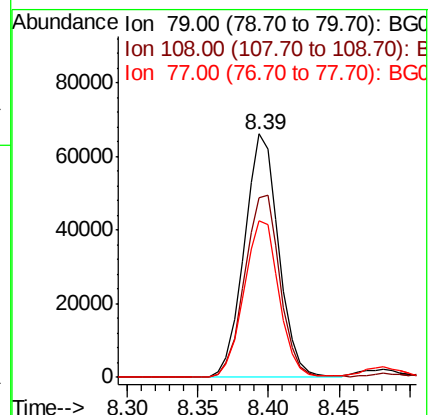
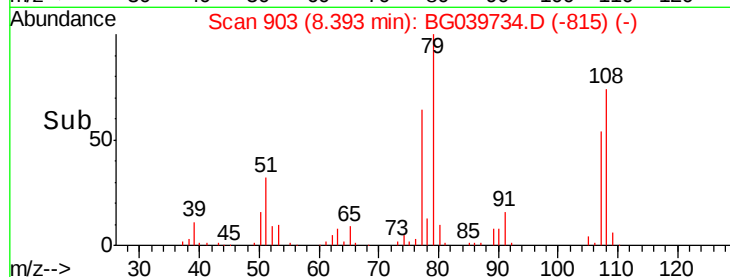
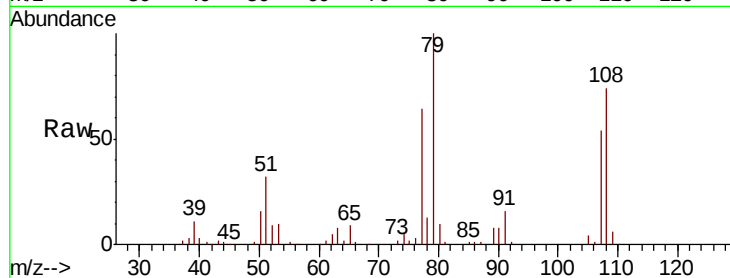
Tgt Ion: 79 Resp: 112896

Ion Ratio Lower Upper

79 100

108 73.6 57.8 86.6

77 64.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.866 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

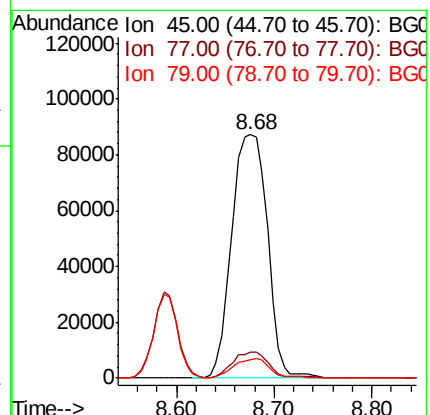
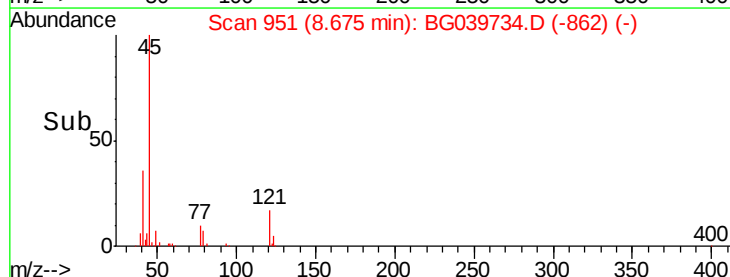
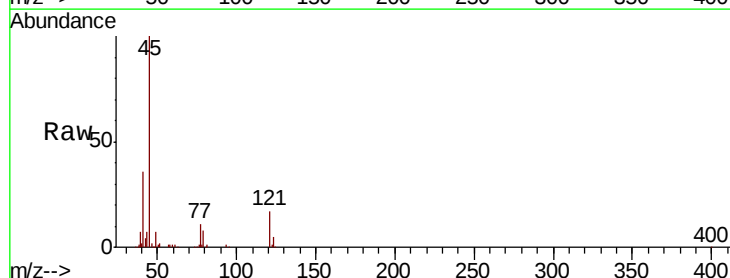
Tgt Ion: 45 Resp: 222303

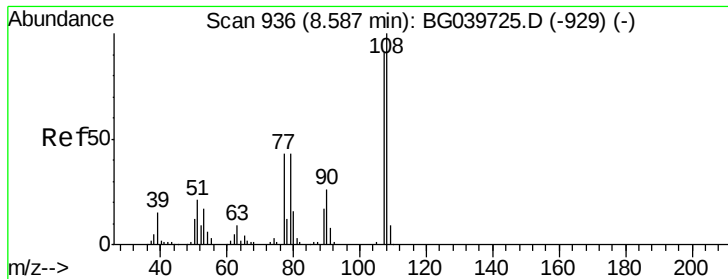
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.0

79 7.8 0.0 27.5





#17

2-Methylphenol

Concen: 43.100 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

Tgt Ion:107 Resp: 109238

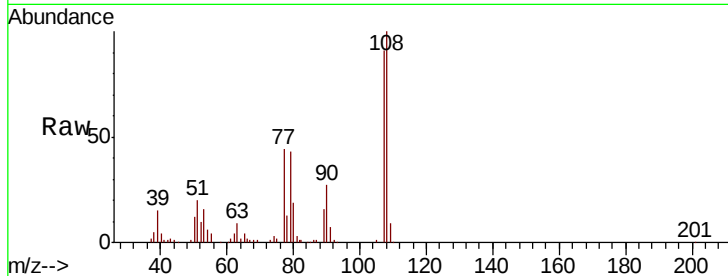
Ion Ratio Lower Upper

107 100

108 109.3 90.8 136.2

77 48.6 40.7 61.1

79 47.1 40.6 60.8

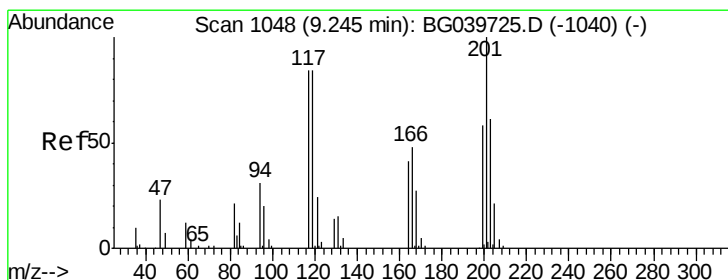
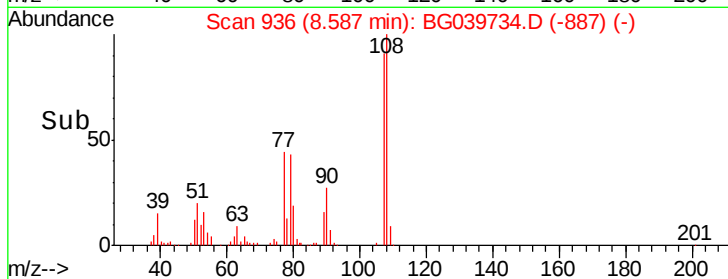
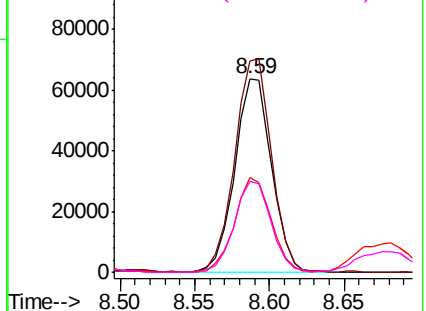


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.324 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

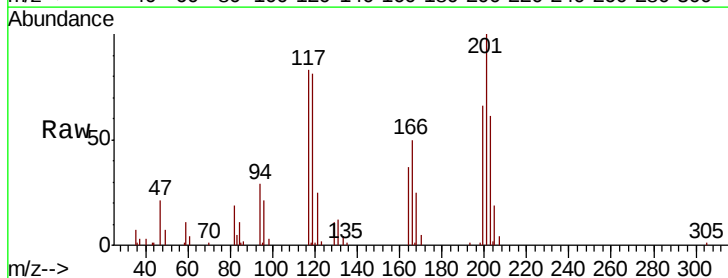
Tgt Ion:117 Resp: 43591

Ion Ratio Lower Upper

117 100

119 96.9 76.3 114.5

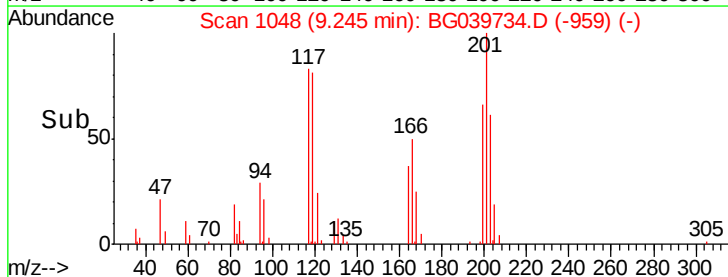
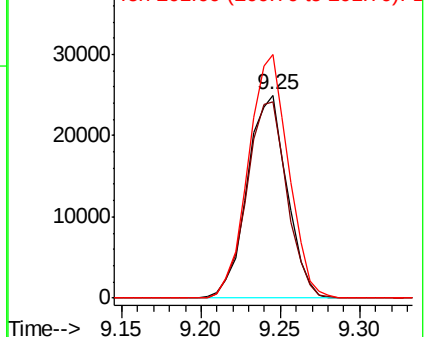
201 120.0 91.1 136.7

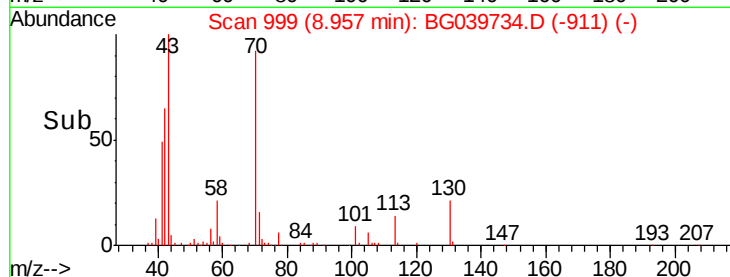
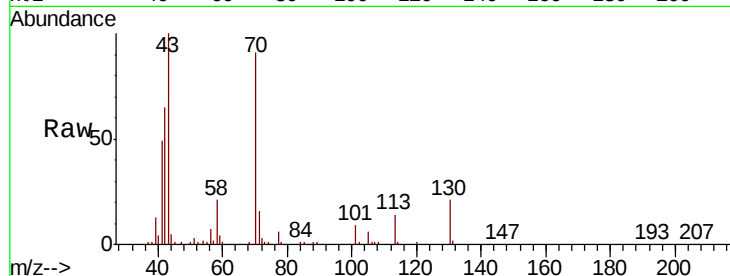
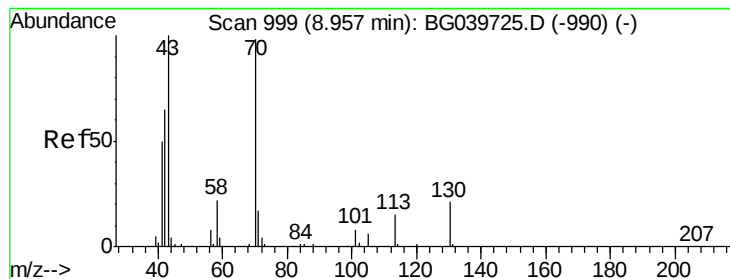


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.981 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

Tgt Ion: 70 Resp: 95026

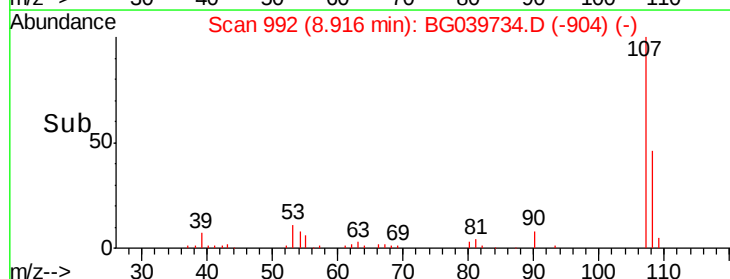
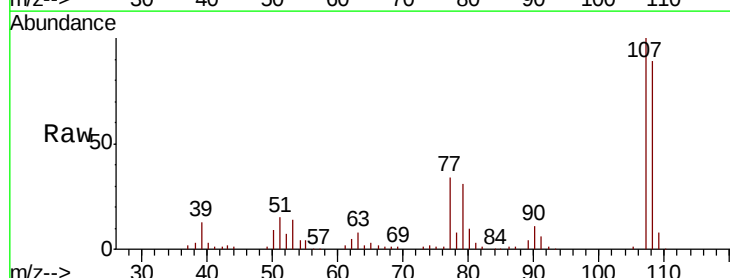
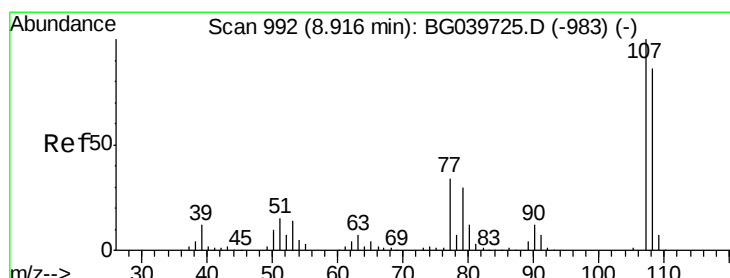
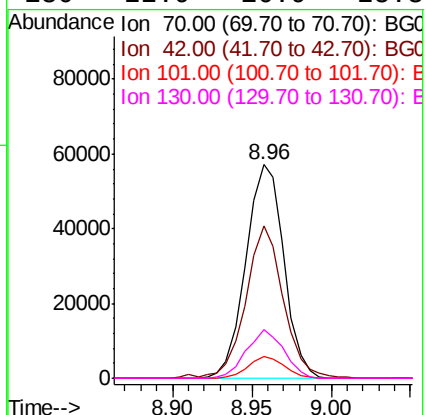
Ion Ratio Lower Upper

70 100

42 71.0 60.4 90.6

101 10.0 7.5 11.3

130 22.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.078 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion: 107 Resp: 148159

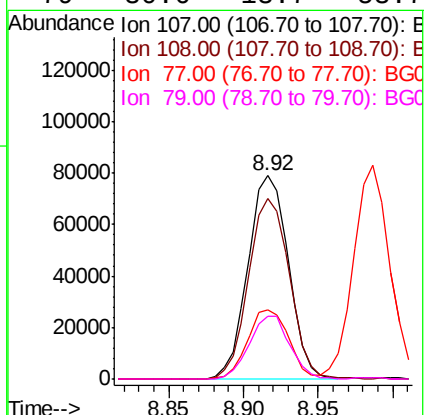
Ion Ratio Lower Upper

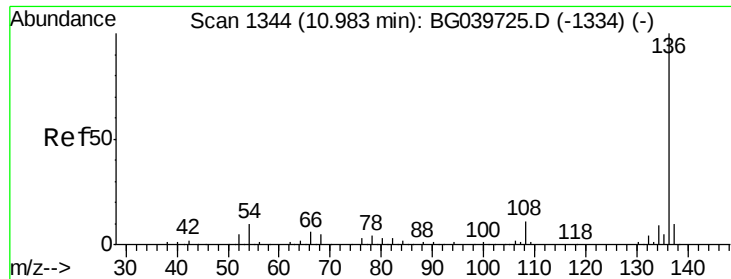
107 100

108 89.0 67.9 107.9

77 33.8 15.4 55.4

79 30.6 13.7 53.7

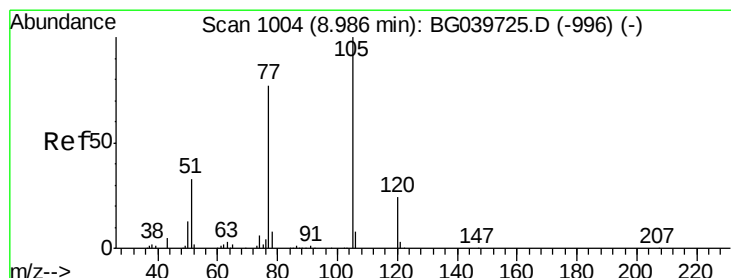
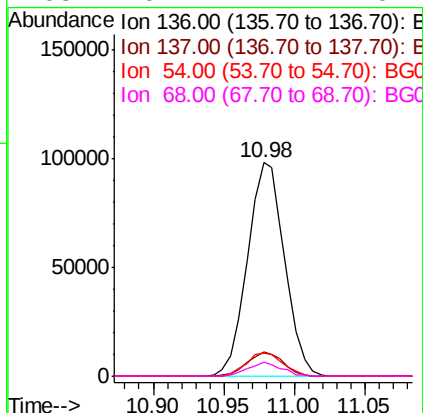
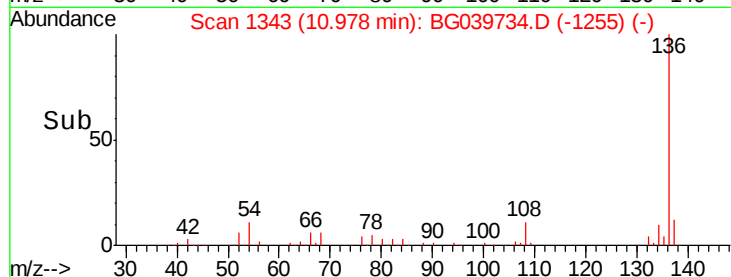
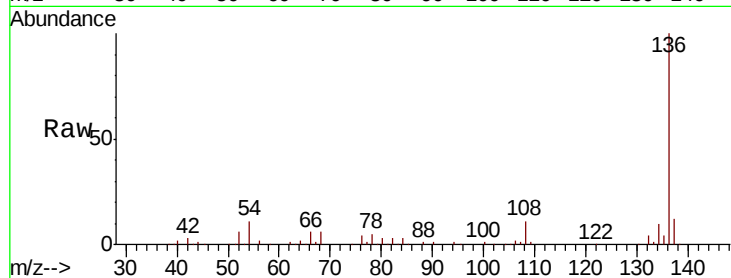




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

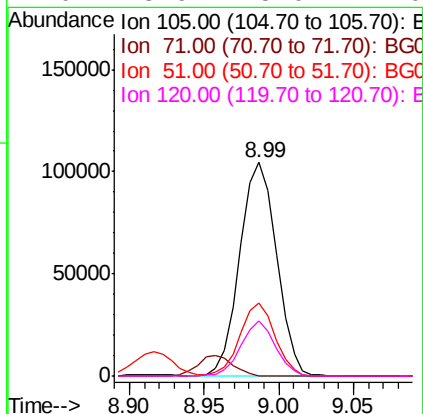
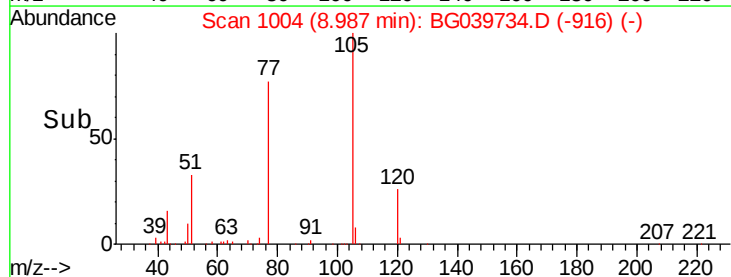
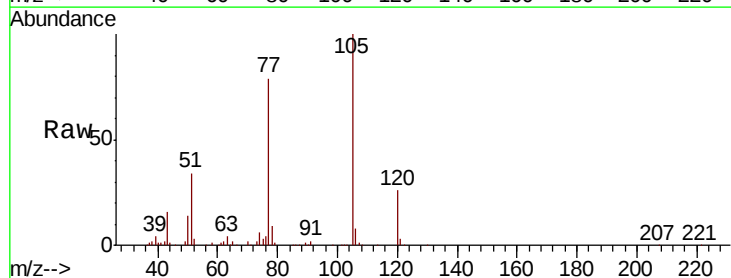
Instrument :
BNA_G
ClientSampleId :
PB117567BS

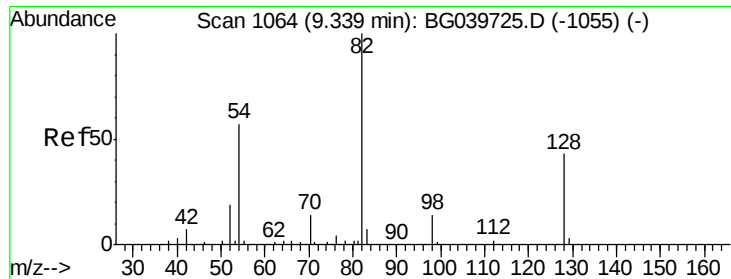
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.8	9.4	14.2
68	6.4	4.2	6.4#



#22
Acetophenone
Concen: 37.059 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	34.0	30.2	45.2
120	25.9	18.0	27.0

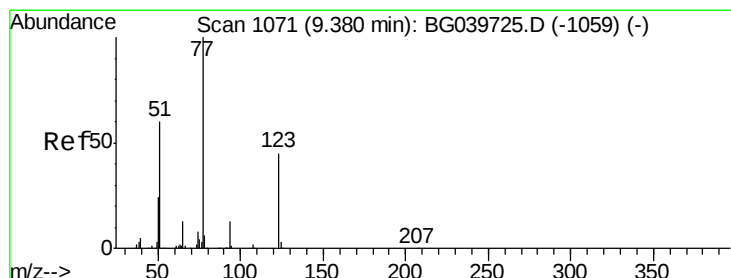
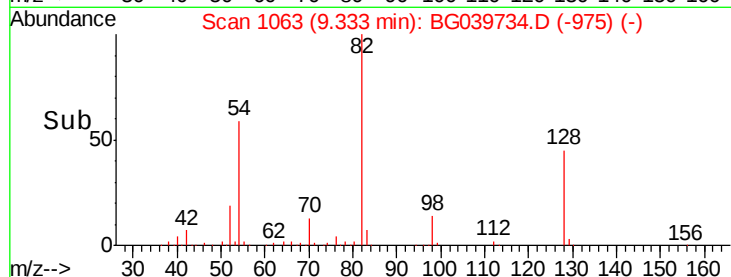
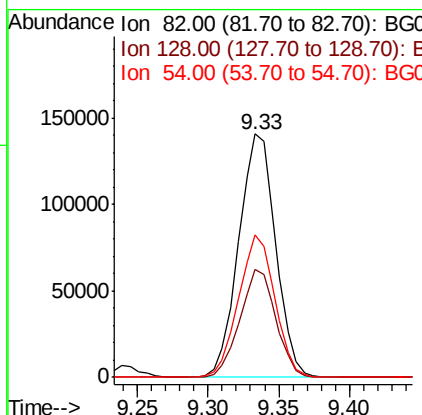
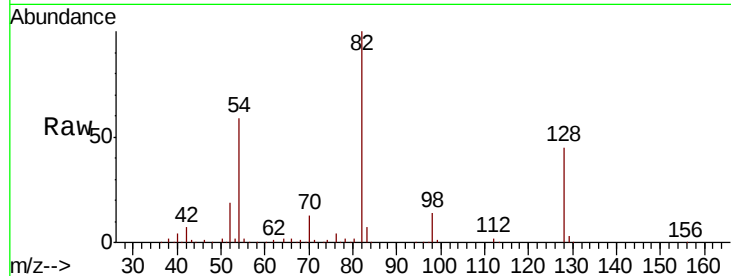




#23
 Nitrobenzene-d5
 Concen: 77.120 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

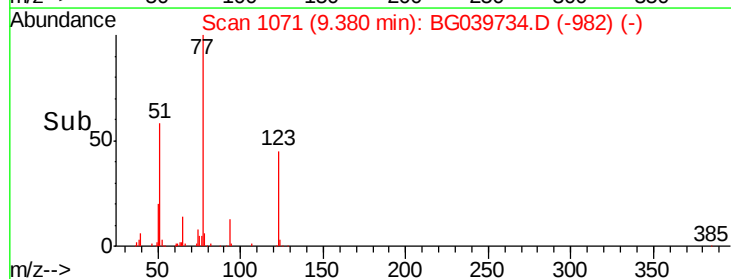
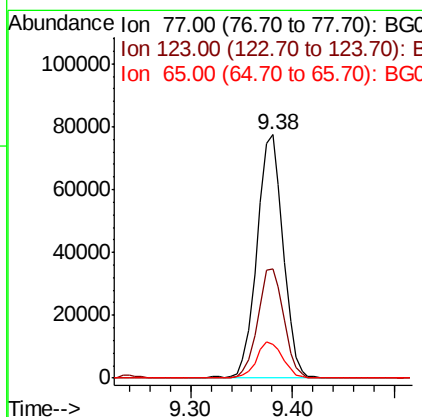
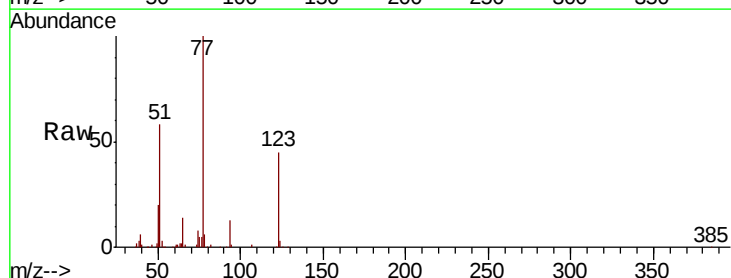
Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

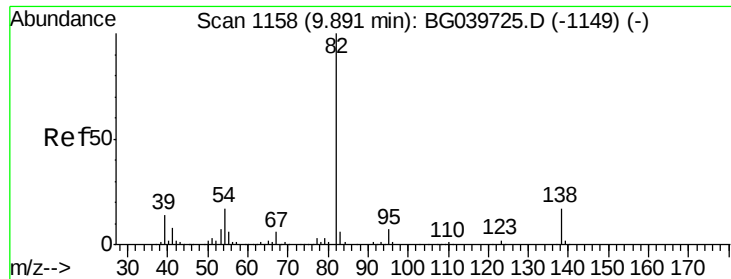
Tgt Ion:	82	Resp:	257545
Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.3	46.9
54	58.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 39.473 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion:	77	Resp:	138290
Ion	Ratio	Lower	Upper
77	100		
123	44.9	34.1	51.1
65	13.8	12.3	18.5





#25

Isophorone

Concen: 39.131 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

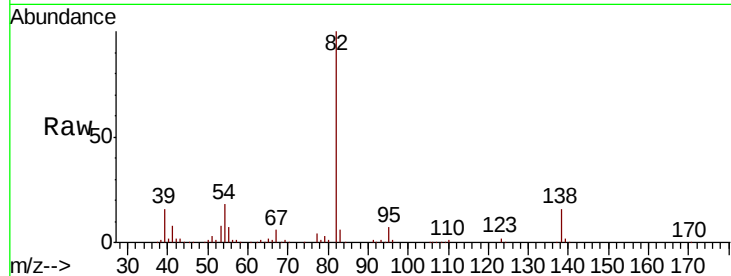
Tgt Ion: 82 Resp: 273816

Ion Ratio Lower Upper

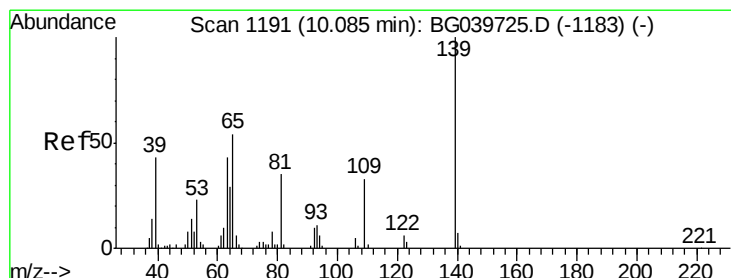
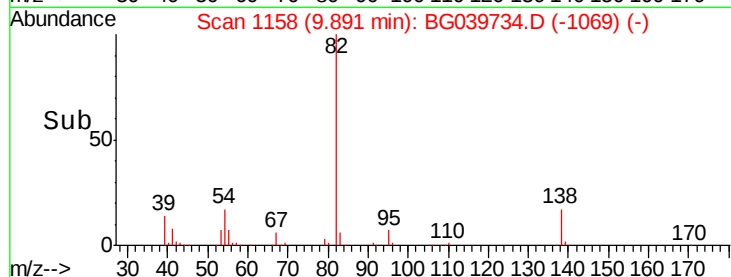
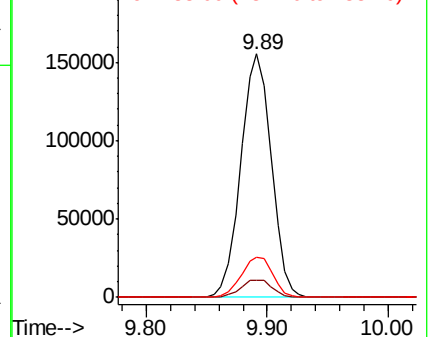
82 100

95 7.0 6.2 9.2

138 16.3 13.0 19.4



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



#26

2-Nitrophenol

Concen: 40.600 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

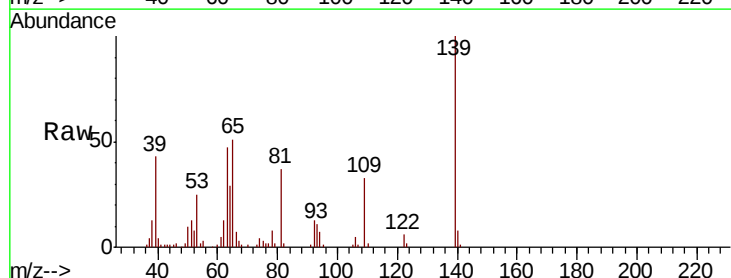
Tgt Ion: 139 Resp: 68676

Ion Ratio Lower Upper

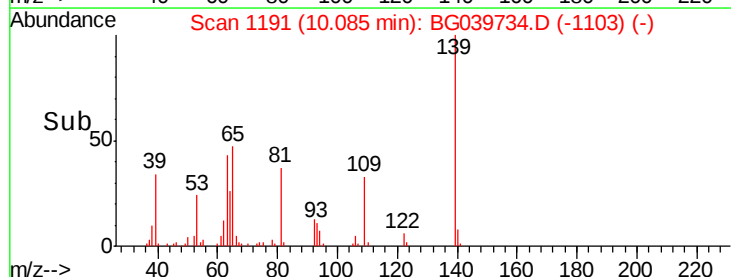
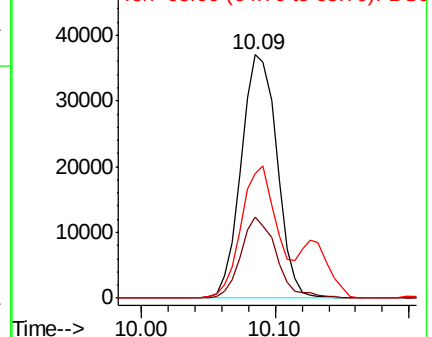
139 100

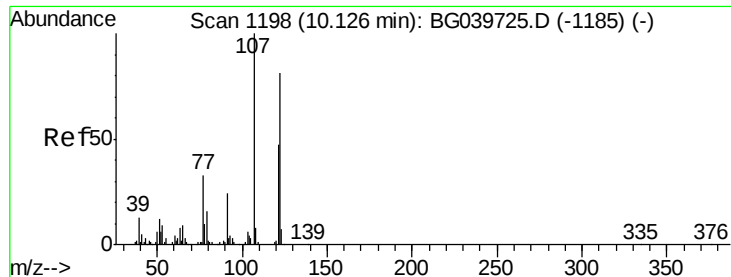
109 33.4 23.4 35.0

65 51.4 44.3 66.5



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

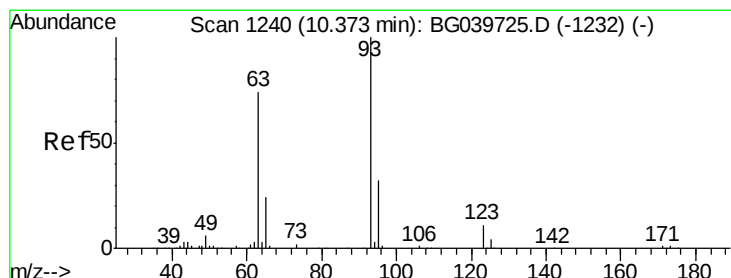
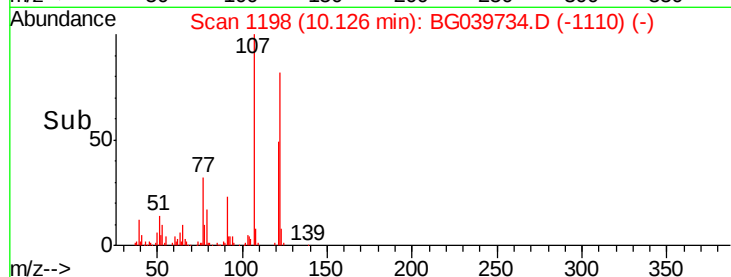
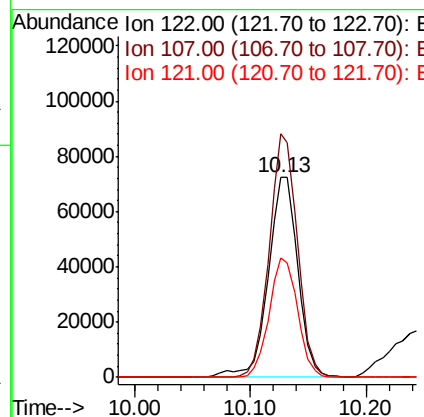
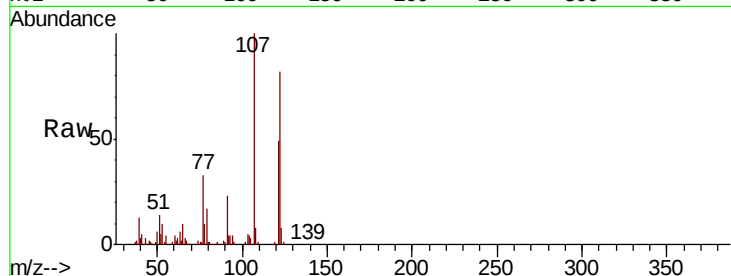




#27
 2,4-Dimethylphenol
 Concen: 49.185 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

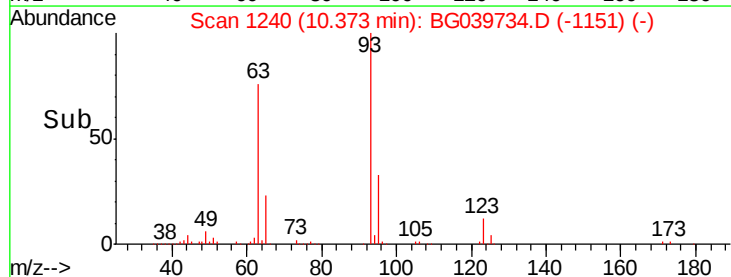
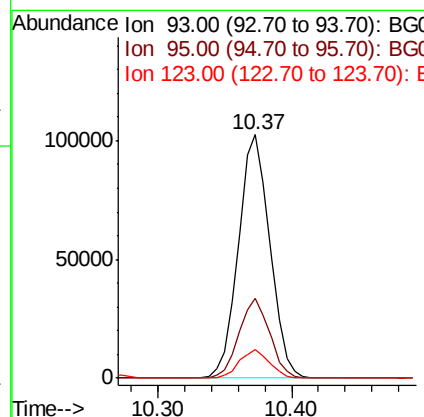
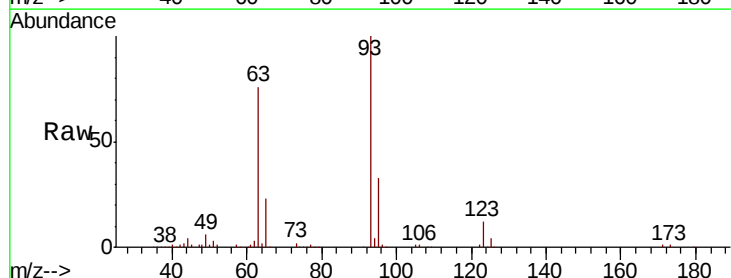
Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

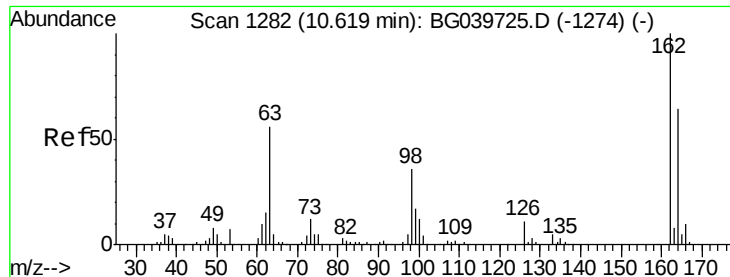
Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.8	91.7	137.5
121	59.6	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.318 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.0	37.4
123	11.9	8.6	12.8

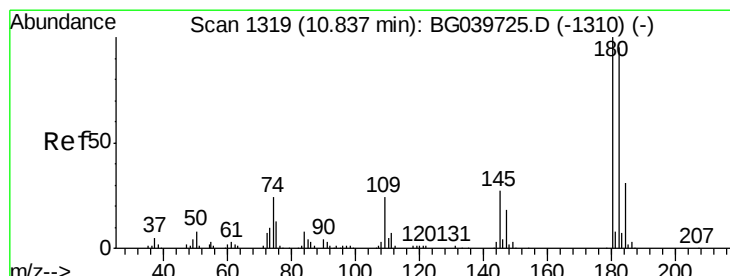
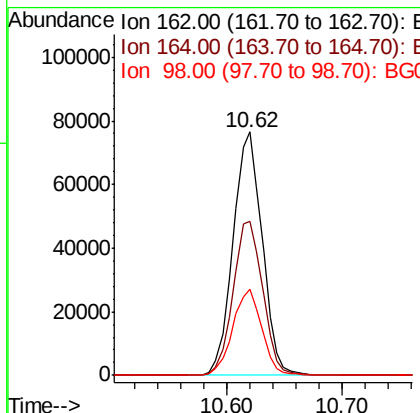
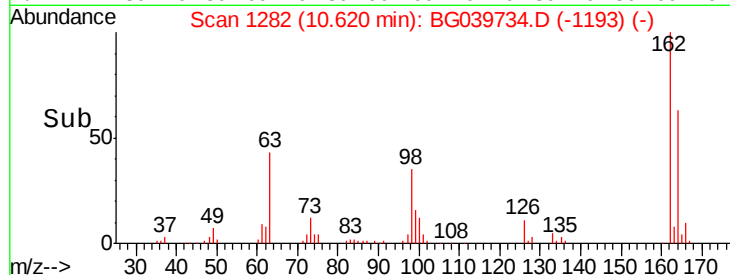
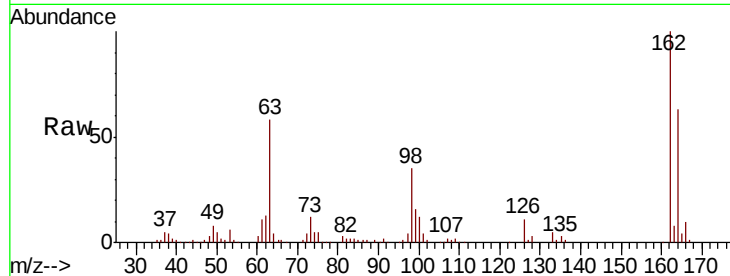




#29
 2,4-Dichlorophenol
 Concen: 45.102 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

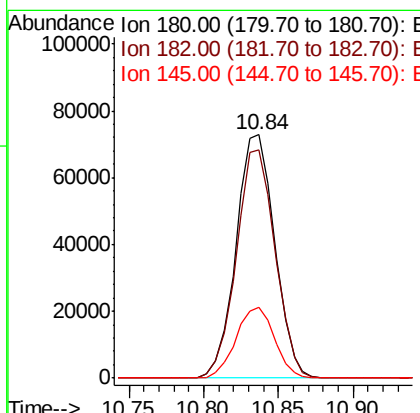
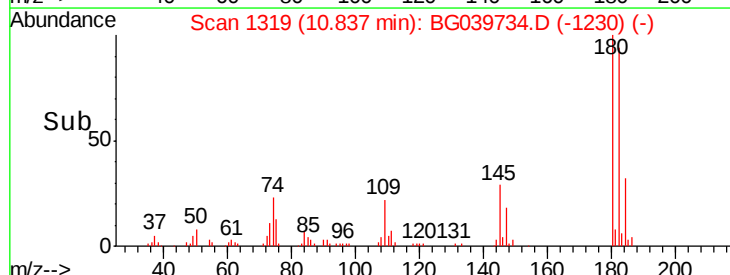
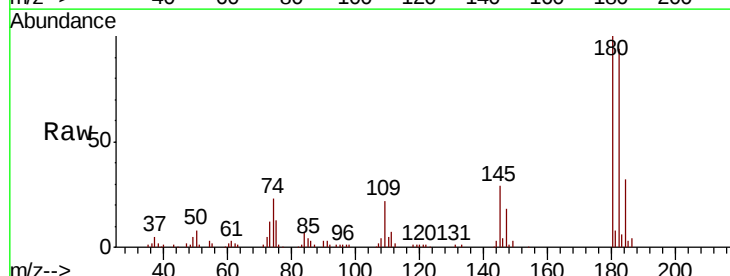
Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

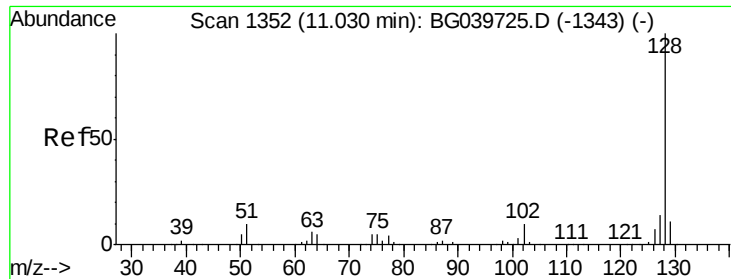
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	48.1	88.1
98	35.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.231 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.0	114.0
145	29.1	22.7	34.1

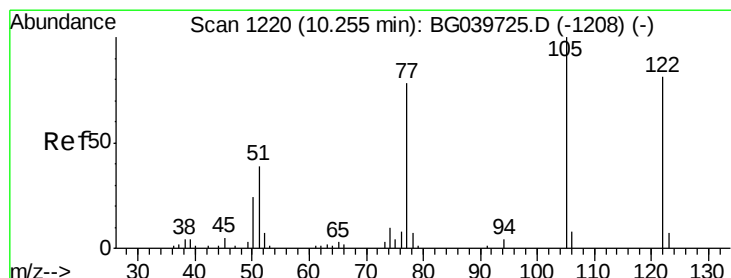
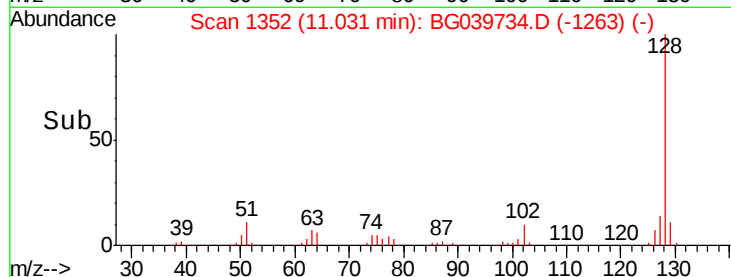
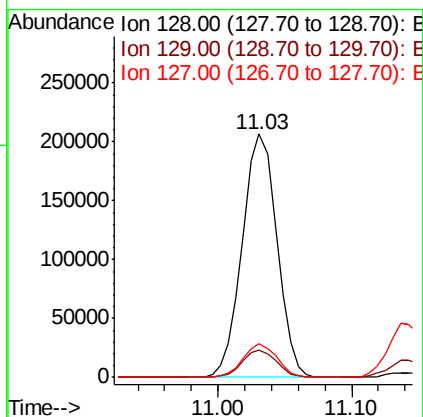
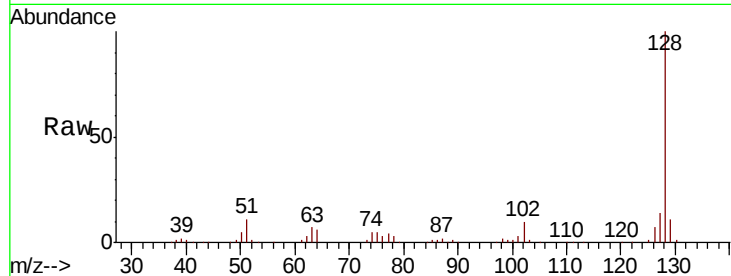




#31
Naphthalene
Concen: 38.840 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

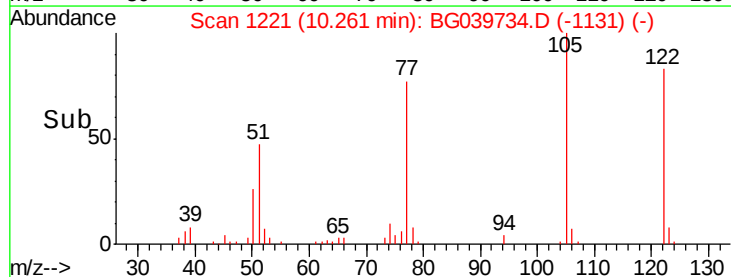
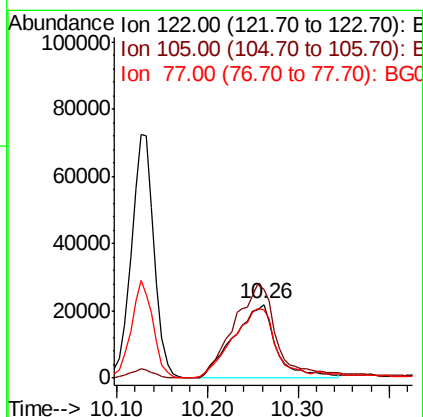
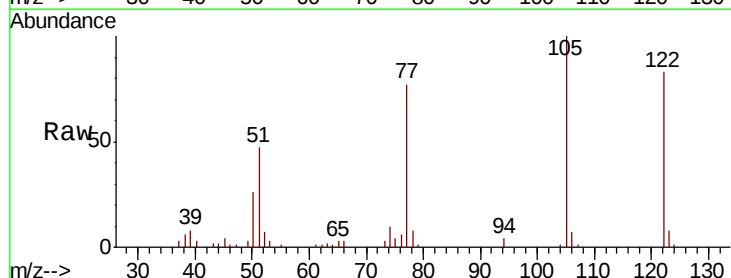
Instrument :
BNA_G
ClientSampleId :
PB117567BS

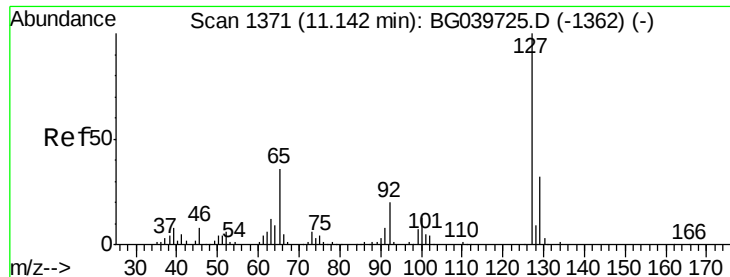
Tgt Ion:128 Resp: 371425
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 40.683 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion:122 Resp: 71380
Ion Ratio Lower Upper
122 100
105 121.2 101.8 141.8
77 93.4 76.3 116.3

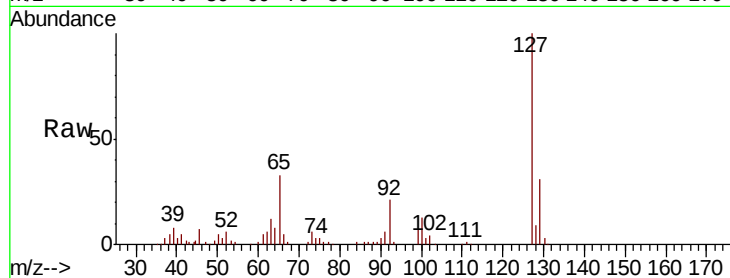




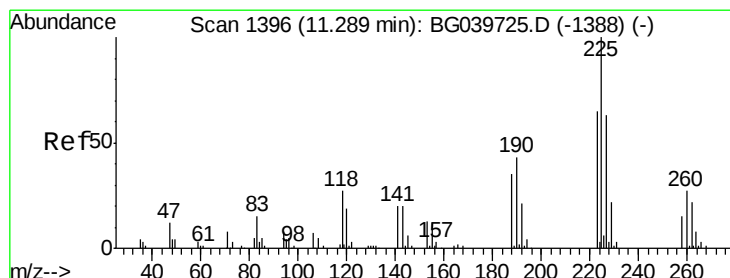
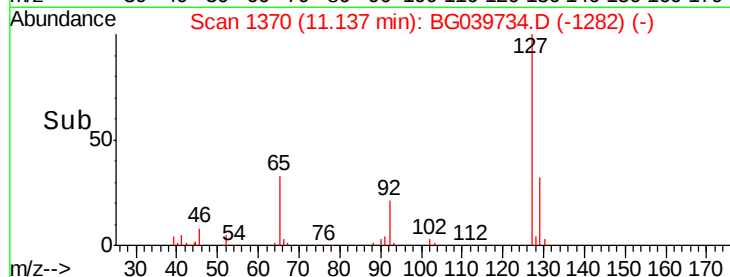
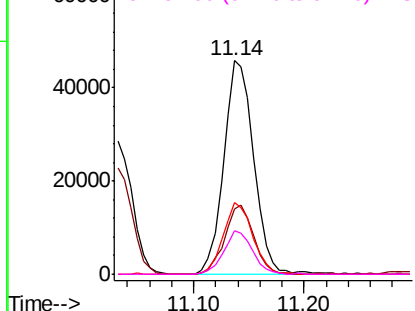
#33
4-Chloroaniline
Concen: 21.417 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion:	127	Resp:	86847
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.0	40.4
65	33.4	28.8	43.2
92	20.7	16.6	25.0

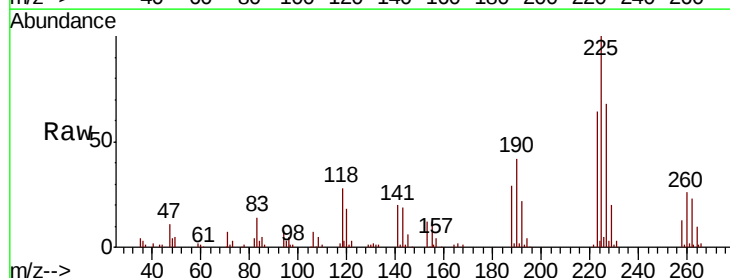


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

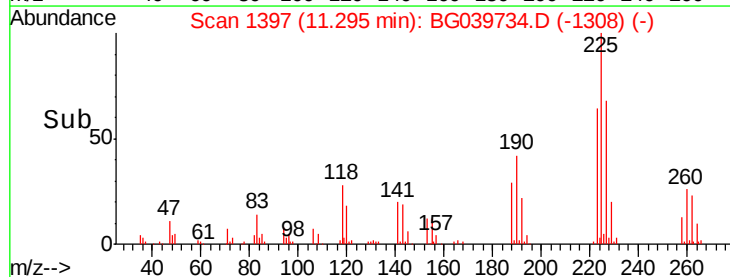
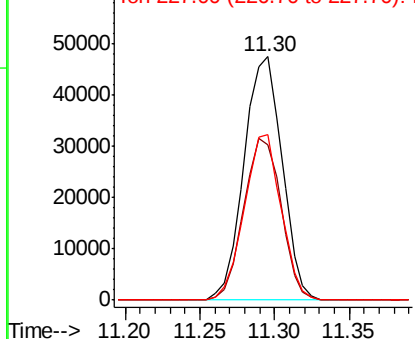


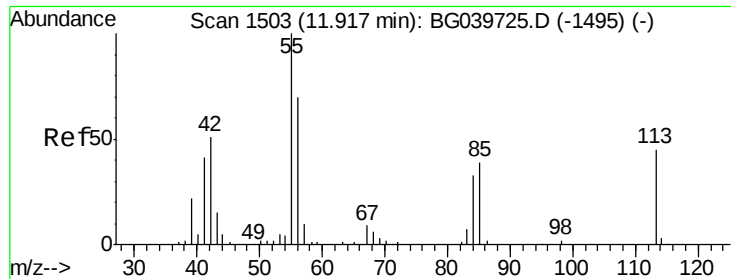
#34
Hexachlorobutadiene
Concen: 36.690 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion:	225	Resp:	83563
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.6
227	68.0	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: 21.696 ng

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

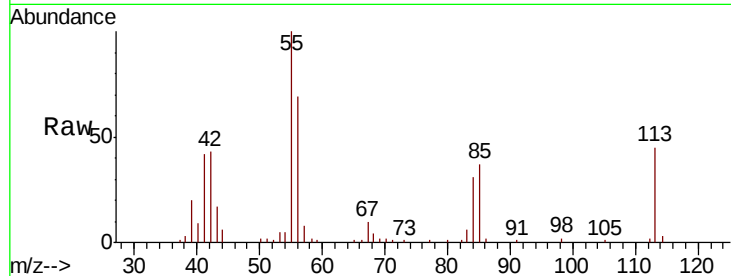
Tgt Ion:113 Resp: 24548

Ion Ratio Lower Upper

113 100

55 219.9 216.9 256.9

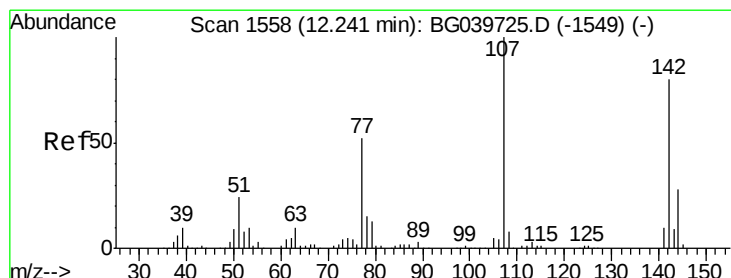
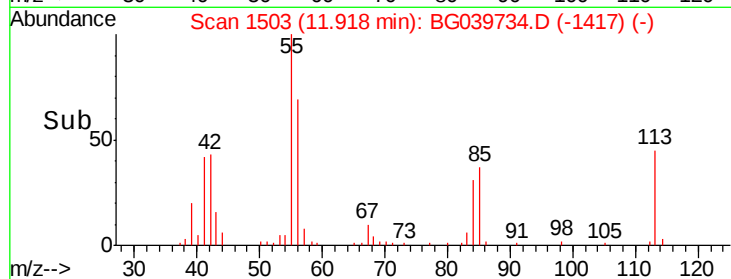
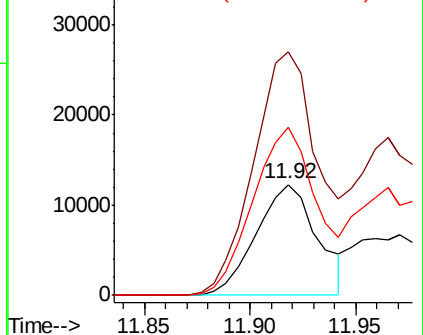
56 152.4 152.6 192.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039725.D (-1495) (-)

Ion 56.00 (55.70 to 56.70): BG039725.D (-1495) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.991 ng

RT: 12.24 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

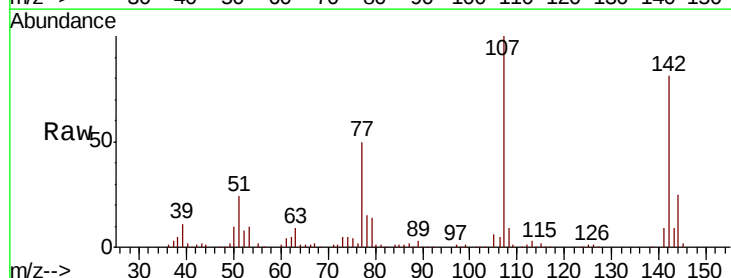
Tgt Ion:107 Resp: 145969

Ion Ratio Lower Upper

107 100

144 25.3 20.2 30.2

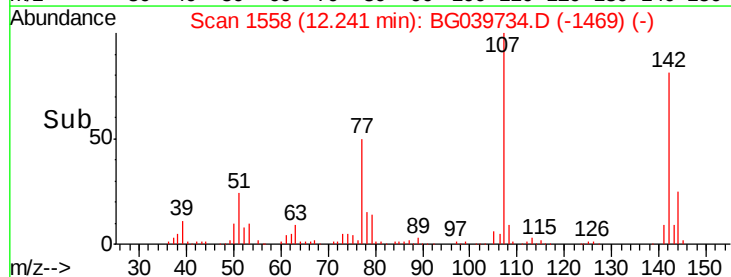
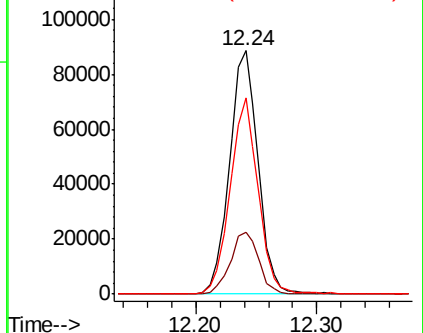
142 80.6 61.4 92.2

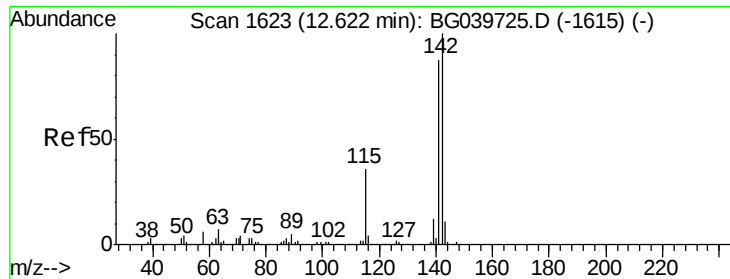


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

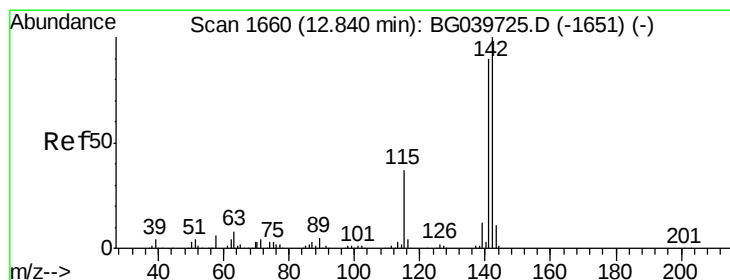
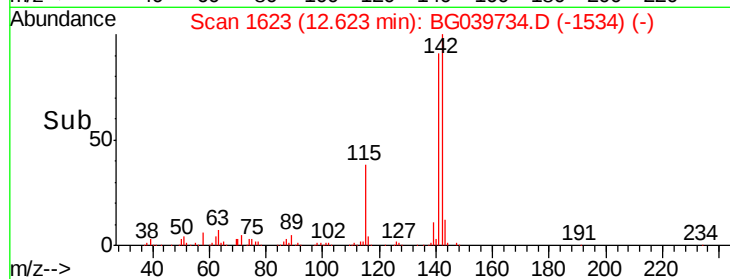
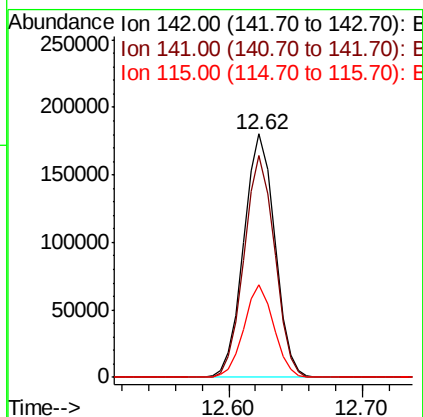
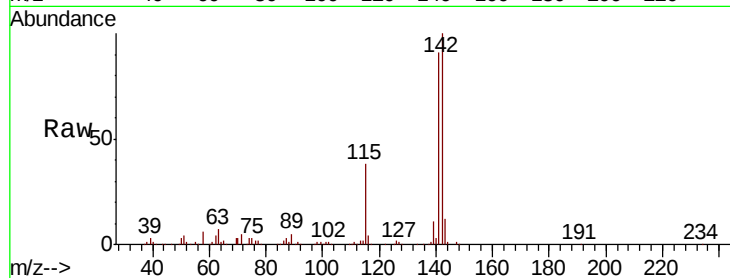




#37
 2-Methylnaphthalene
 Concen: 40.475 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

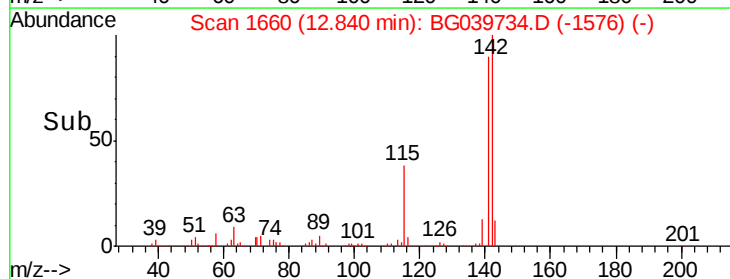
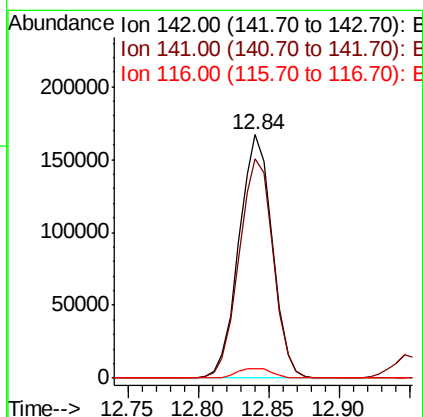
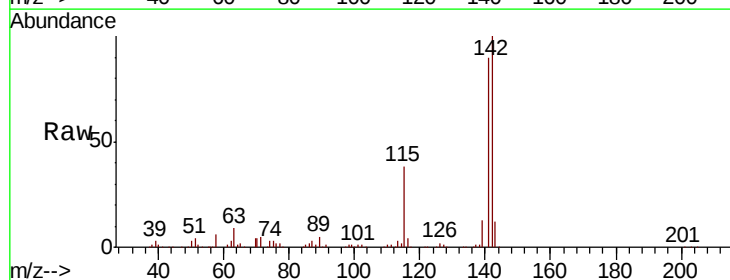
Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

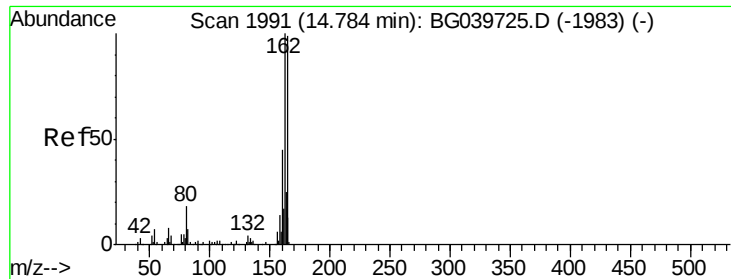
Tgt Ion:142 Resp: 289377
 Ion Ratio Lower Upper
 142 100
 141 91.0 73.5 110.3
 115 37.9 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 39.617 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion:142 Resp: 275257
 Ion Ratio Lower Upper
 142 100
 141 90.0 74.2 111.4
 116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

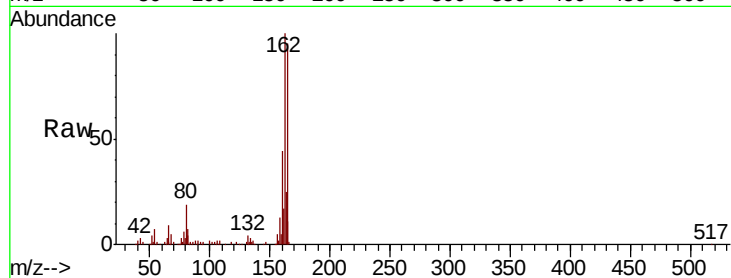
Tgt Ion:164 Resp: 125095

Ion Ratio Lower Upper

164 100

162 105.5 81.6 122.4

160 46.0 34.2 51.2

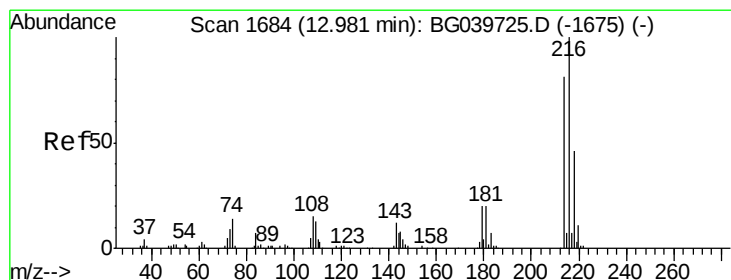
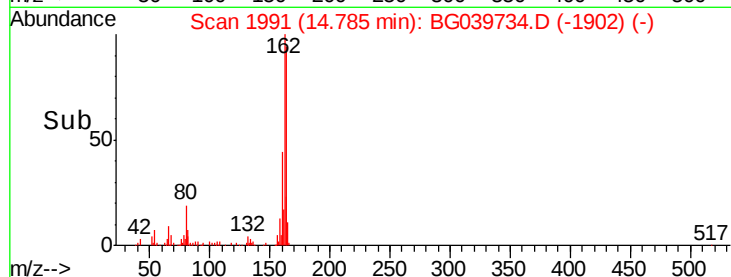
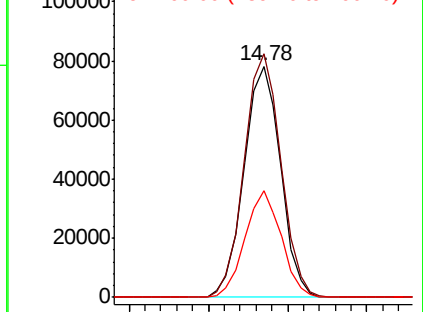


Abundance

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: 37.524 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:216 Resp: 159021

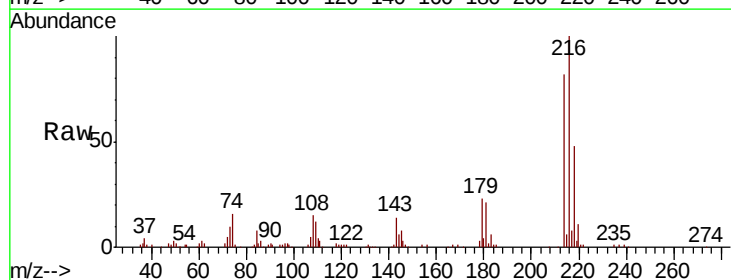
Ion Ratio Lower Upper

216 100

214 79.9 62.6 94.0

179 21.1 16.6 25.0

108 18.2 14.0 21.0



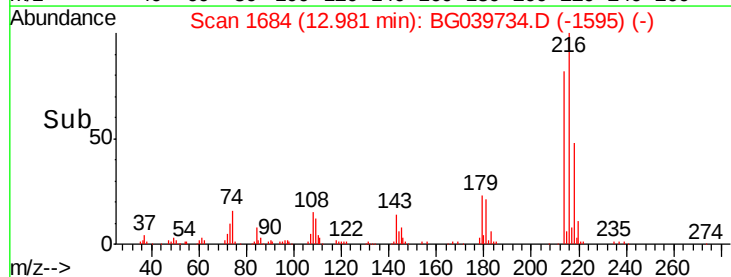
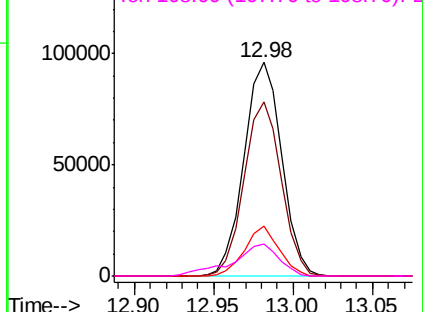
Abundance

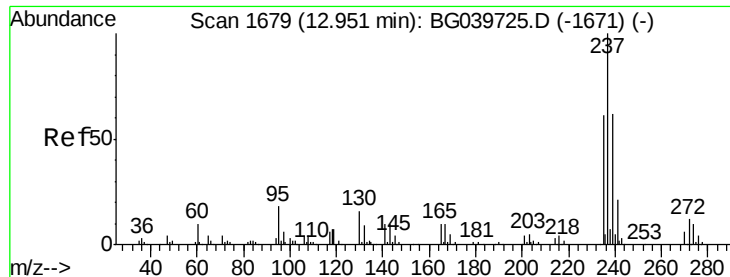
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.755 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

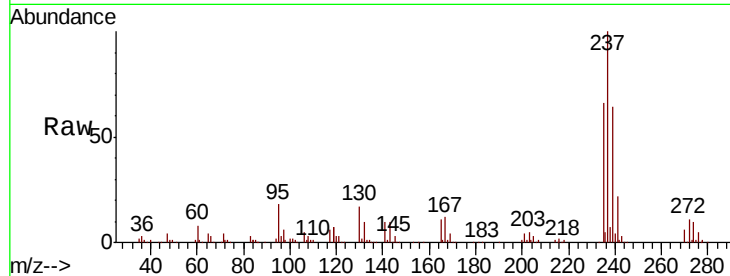
Tgt Ion: 237 Resp: 219742

Ion Ratio Lower Upper

237 100

235 66.2 43.3 83.3

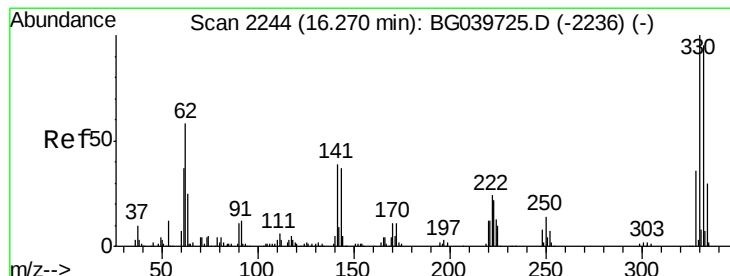
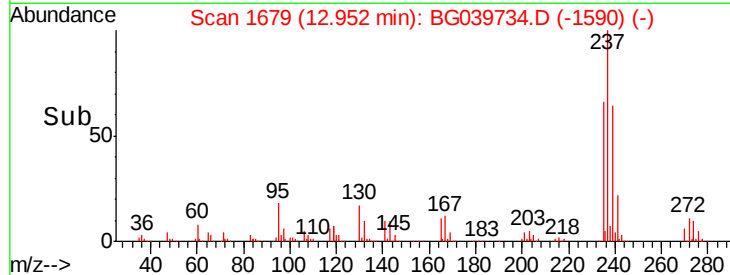
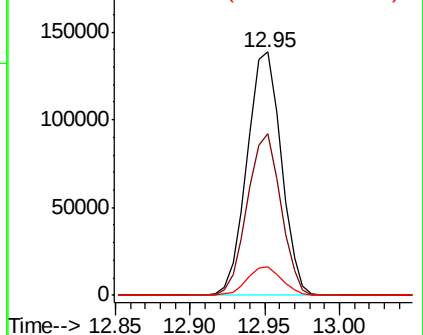
272 11.5 0.0 32.3



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: 138.431 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

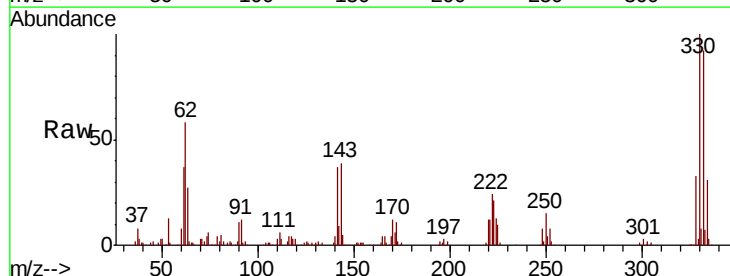
Tgt Ion: 330 Resp: 201843

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

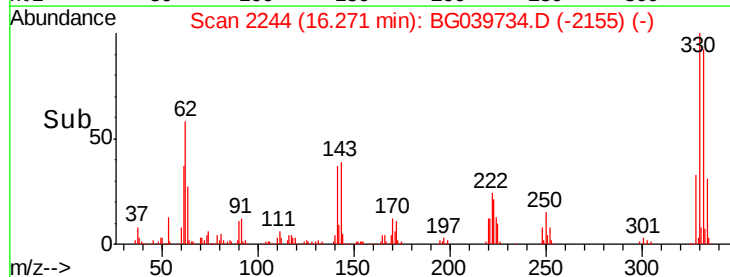
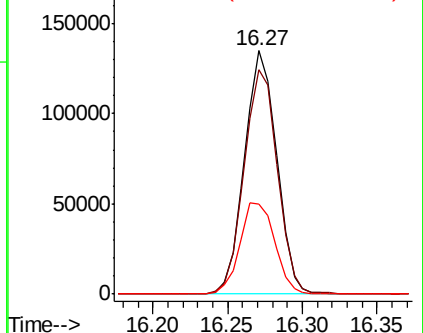
141 40.6 35.6 53.4

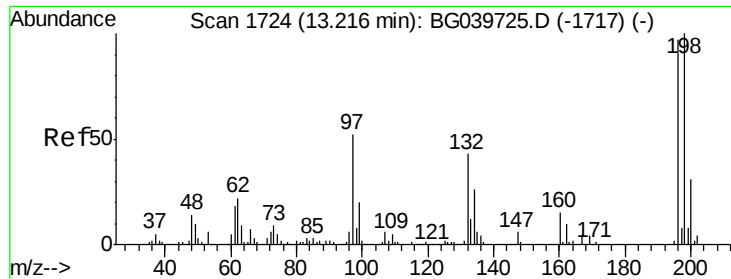


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

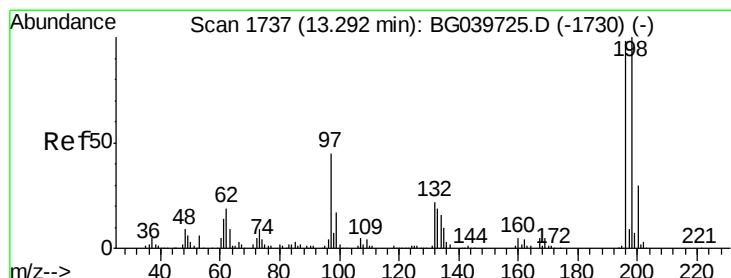
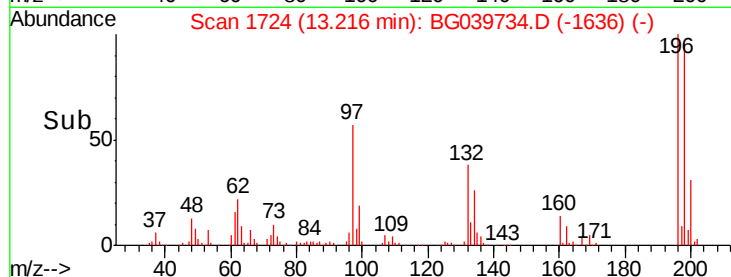
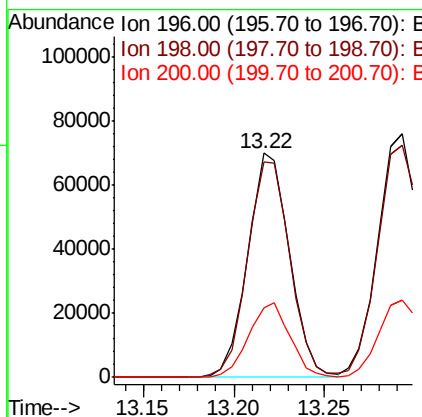
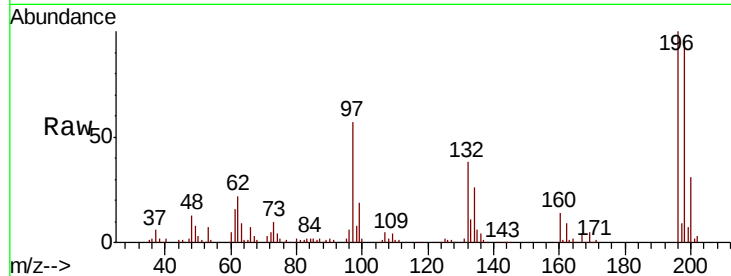




#43
 2,4,6-Trichlorophenol
 Concen: 44.928 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

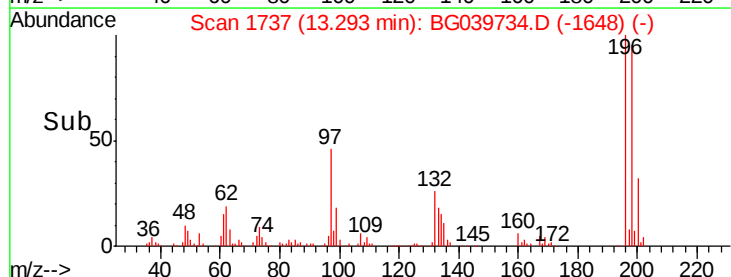
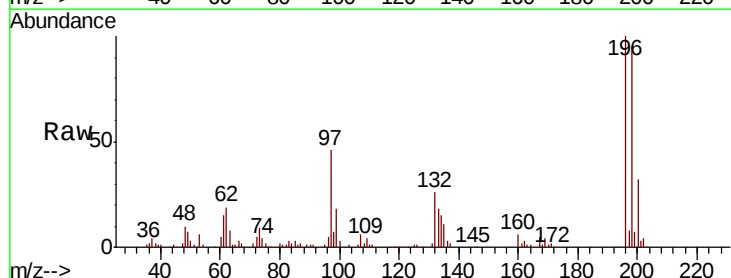
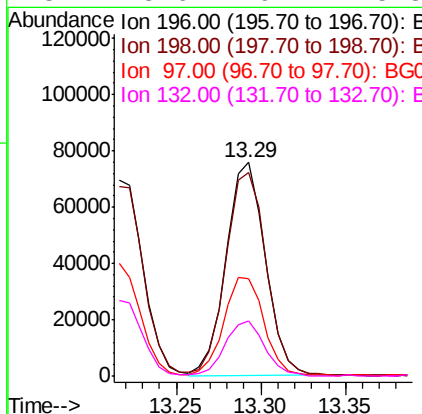
Instrument :
 BNA_G
 ClientSampleID :
 PB117567BS

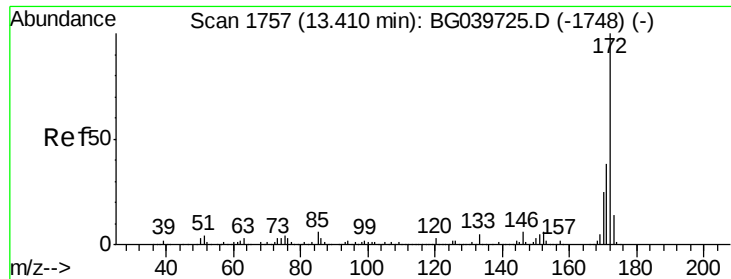
Tgt Ion:196 Resp: 111471
 Ion Ratio Lower Upper
 196 100
 198 96.5 80.6 121.0
 200 31.2 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.854 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion:196 Resp: 122645
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.5 117.7
 97 45.9 38.4 57.6
 132 25.6 19.2 28.8

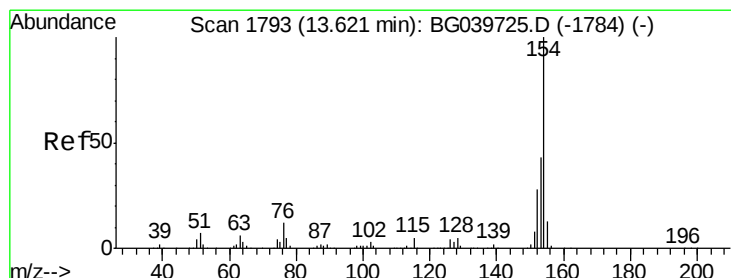
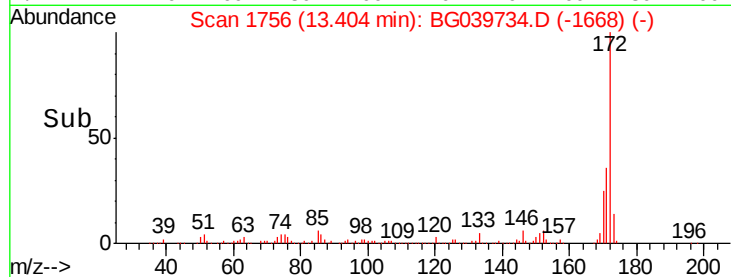
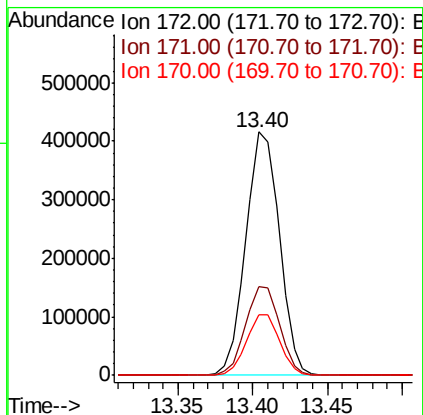
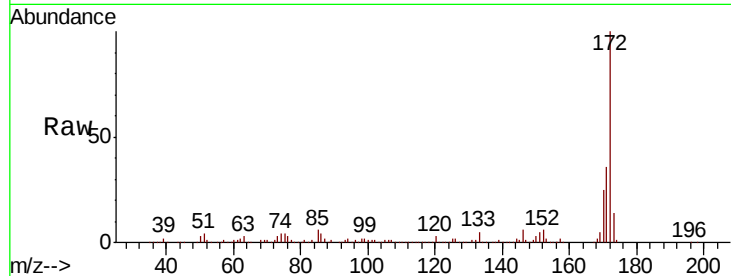




#45
 2-Fluorobiphenyl
 Concen: 73.792 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

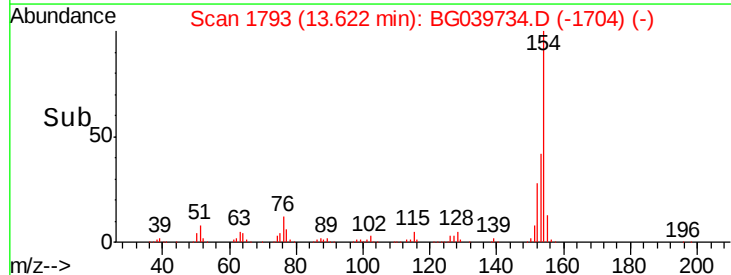
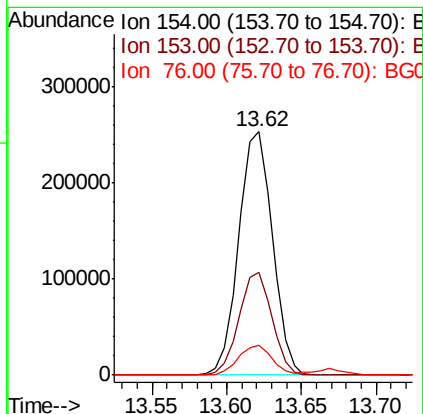
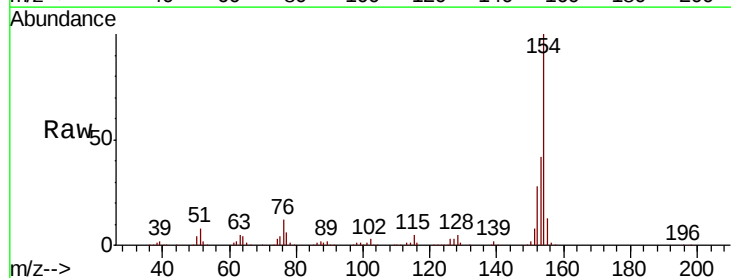
Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

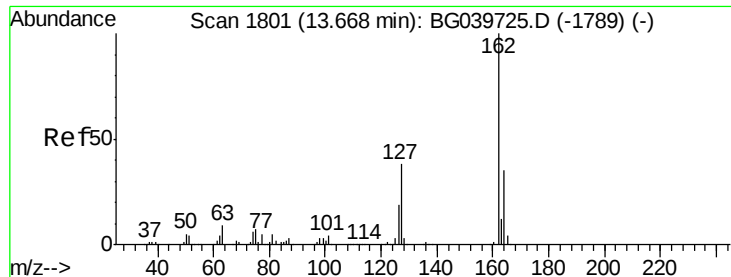
Tgt Ion:172 Resp: 648325
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.9 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 38.511 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion:154 Resp: 396237
 Ion Ratio Lower Upper
 154 100
 153 42.2 22.1 62.1
 76 12.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 39.669 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

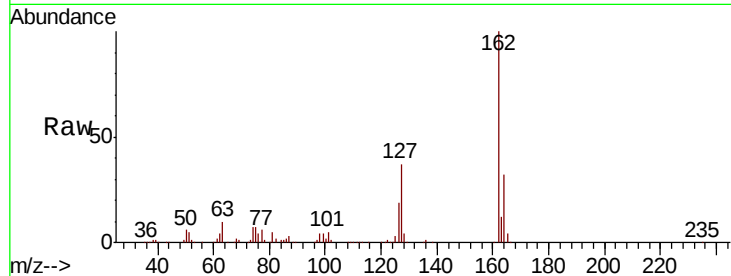
Tgt Ion: 162 Resp: 307047

Ion Ratio Lower Upper

162 100

127 37.1 31.0 46.6

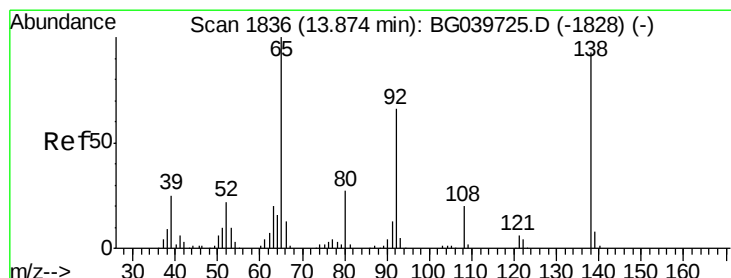
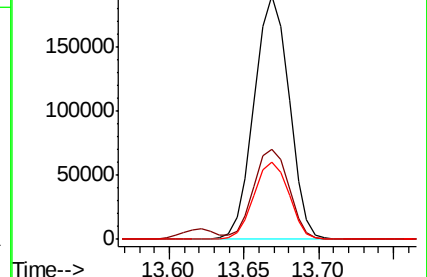
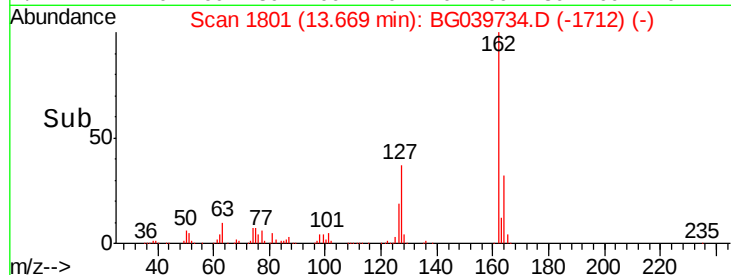
164 31.8 25.7 38.5



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: 42.567 ng

RT: 13.87 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

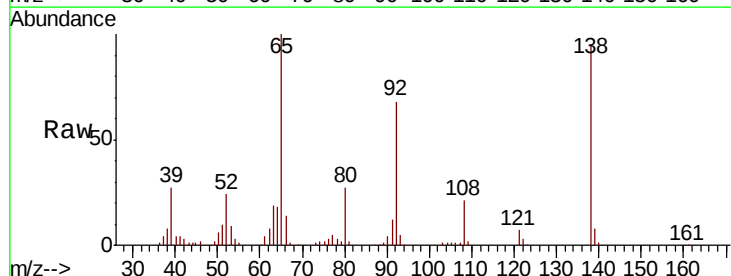
Tgt Ion: 65 Resp: 105884

Ion Ratio Lower Upper

65 100

92 68.3 51.4 77.2

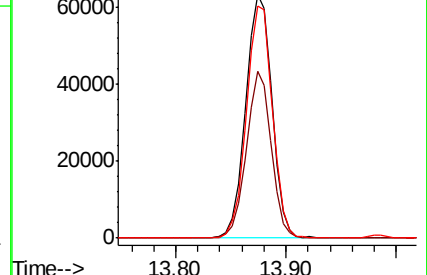
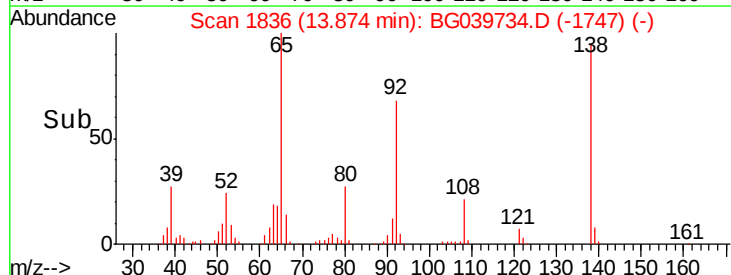
138 95.2 71.4 107.2

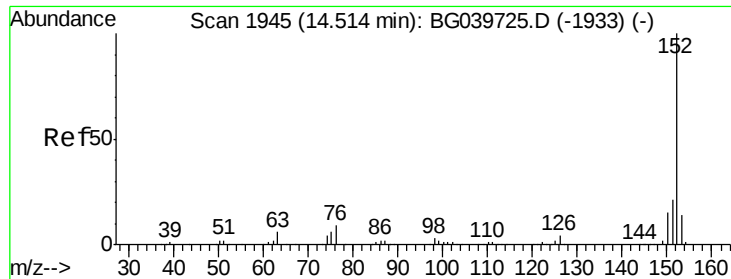


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.139 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

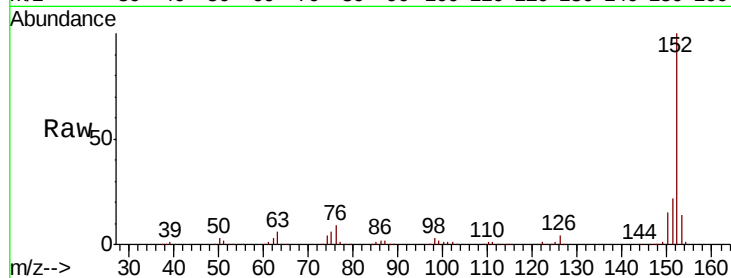
Tgt Ion:152 Resp: 497318

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

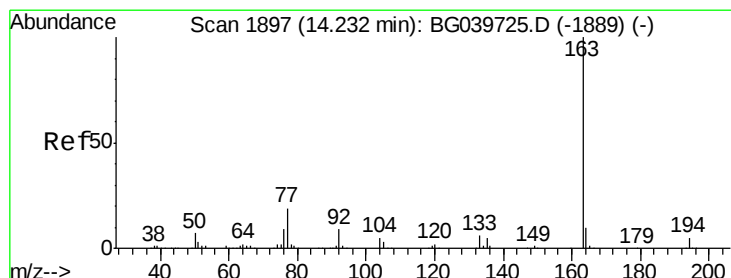
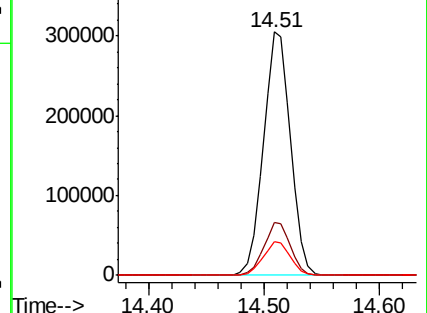
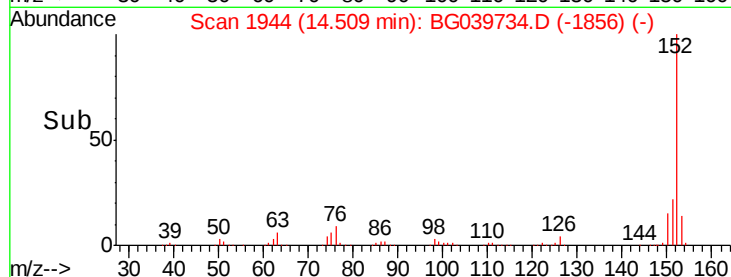
153 14.1 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.449 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

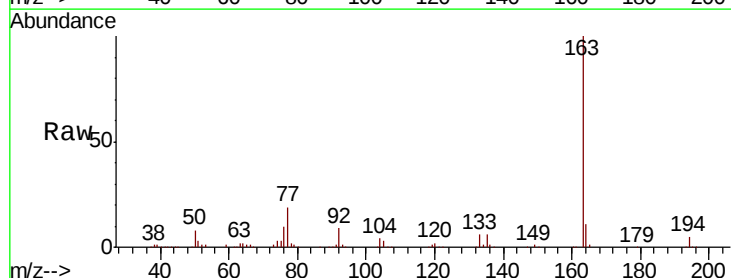
Tgt Ion:163 Resp: 423106

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

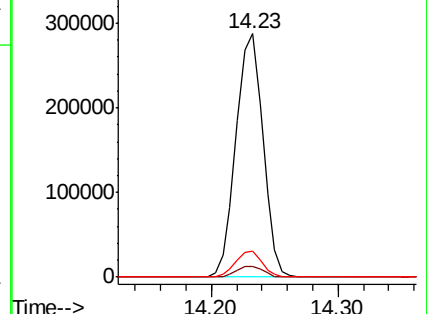
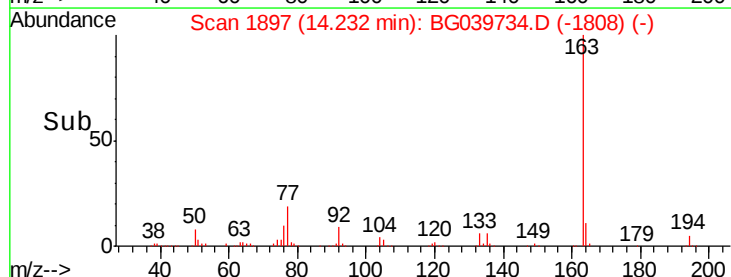
164 10.6 8.4 12.6

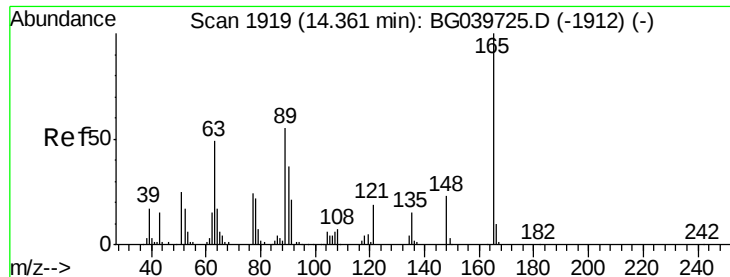


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.526 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

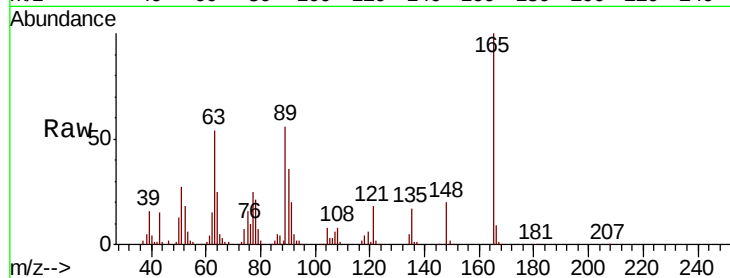
Tgt Ion:165 Resp: 94303

Ion Ratio Lower Upper

165 100

63 54.2 47.0 70.6

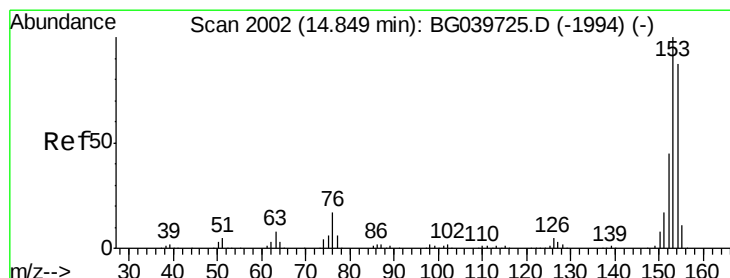
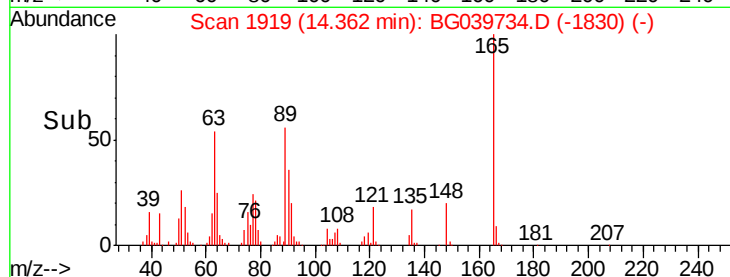
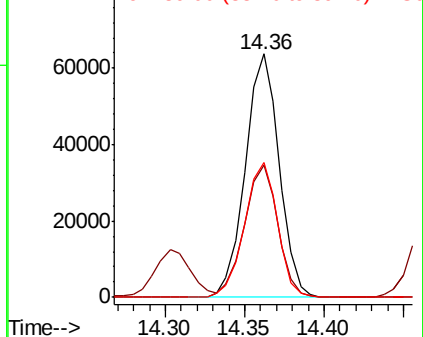
89 55.6 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.845 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

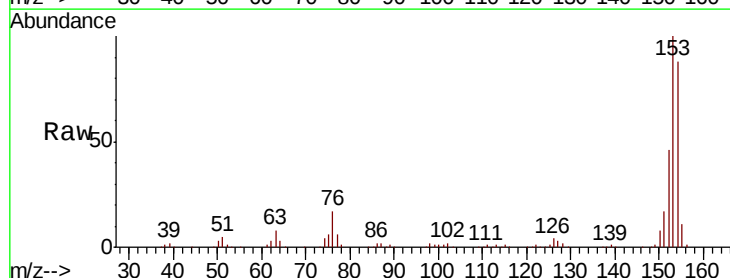
Tgt Ion:154 Resp: 304724

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

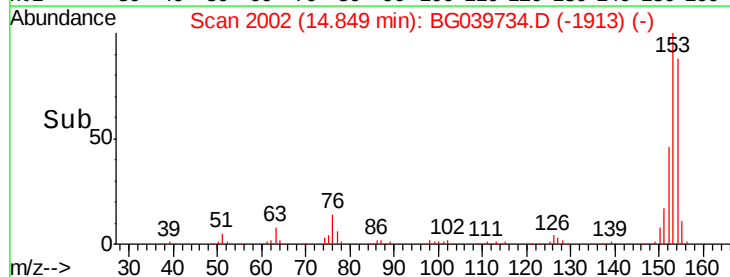
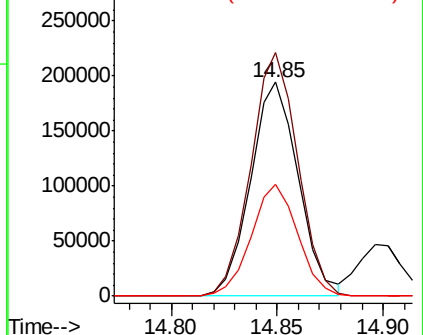
152 52.4 40.9 61.3

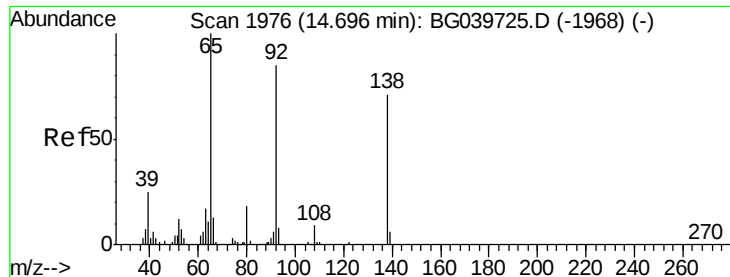


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

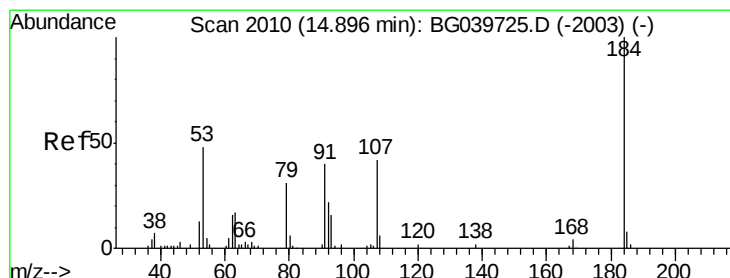
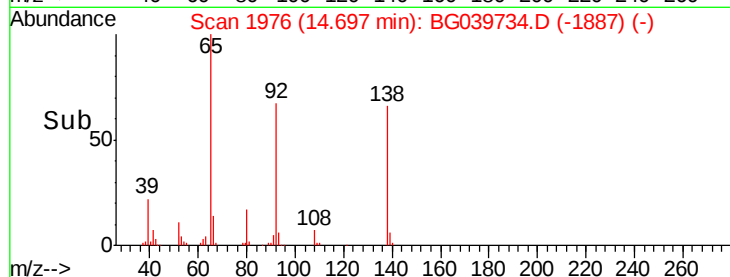
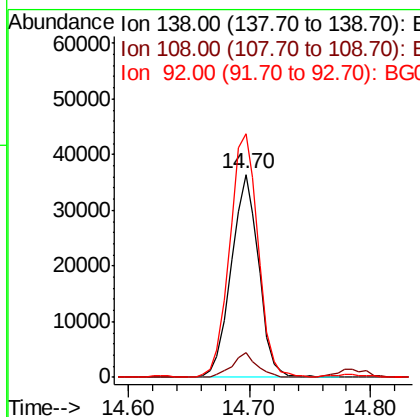
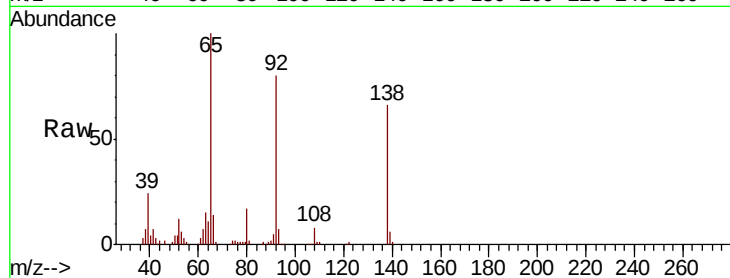




#53
3-Nitroaniline
Concen: 25.743 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

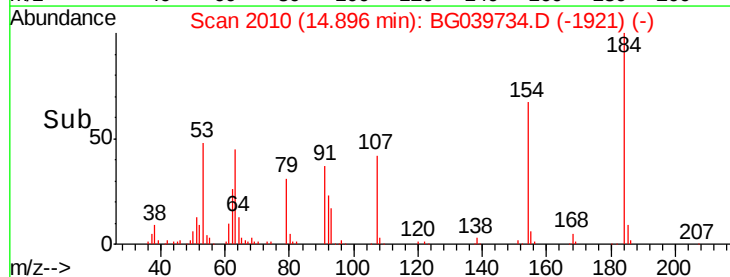
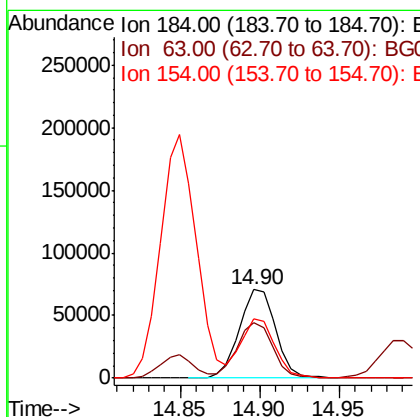
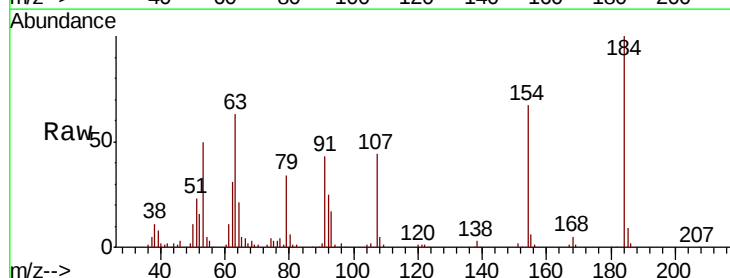
Instrument :
BNA_G
ClientSampleId :
PB117567BS

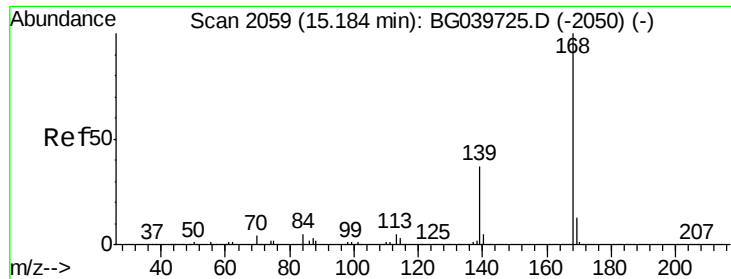
Tgt Ion:138 Resp: 57383
Ion Ratio Lower Upper
138 100
108 12.2 13.8 20.8#
92 120.0 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 80.779 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion:184 Resp: 113043
Ion Ratio Lower Upper
184 100
63 63.4 50.9 76.3
154 66.8 53.0 79.6





#55

Dibenzenofuran

Concen: 39.861 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

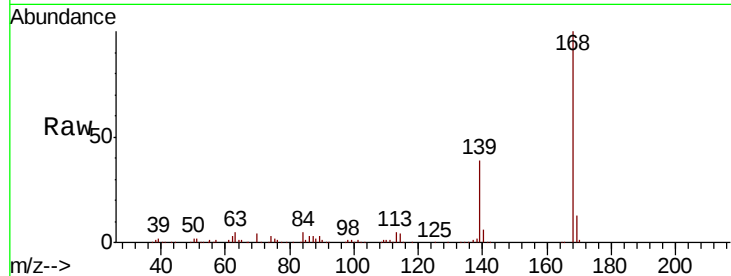
Tgt Ion:168 Resp: 500158

Ion Ratio Lower Upper

168 100

139 38.7 30.1 45.1

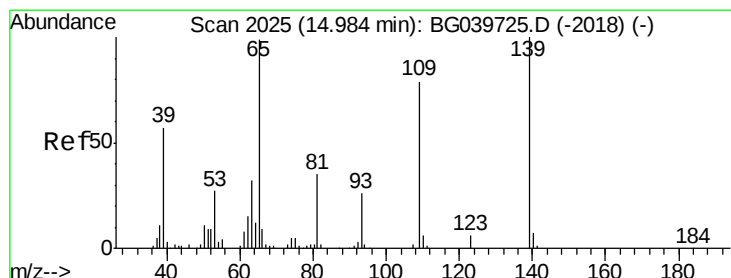
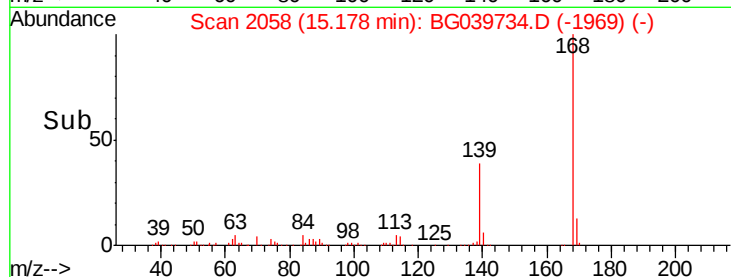
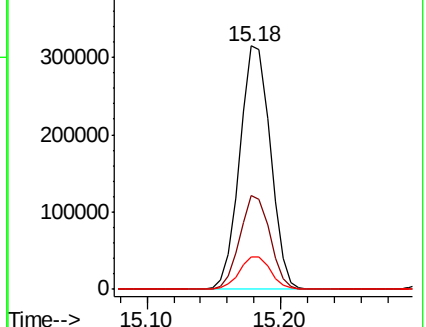
169 13.4 10.6 16.0



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: 84.196 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

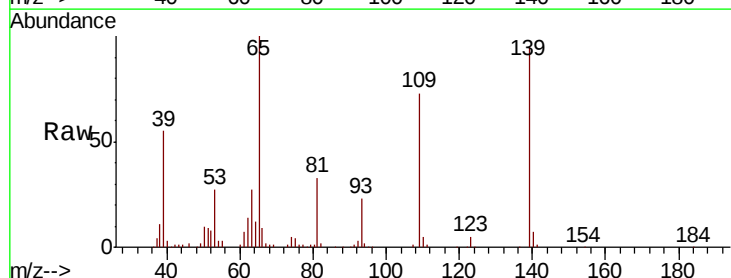
Tgt Ion:139 Resp: 167894

Ion Ratio Lower Upper

139 100

109 76.6 61.9 101.9

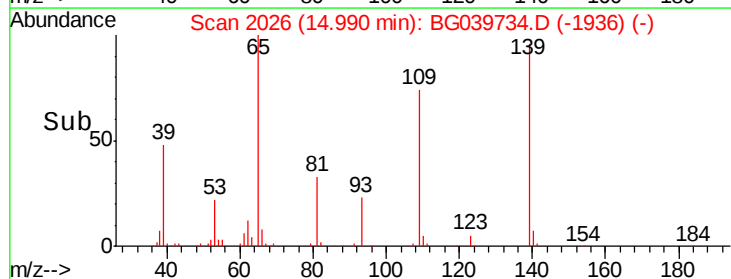
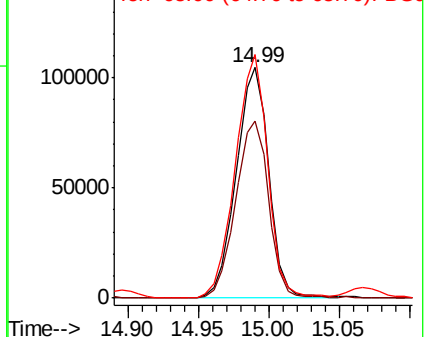
65 105.6 99.1 139.1

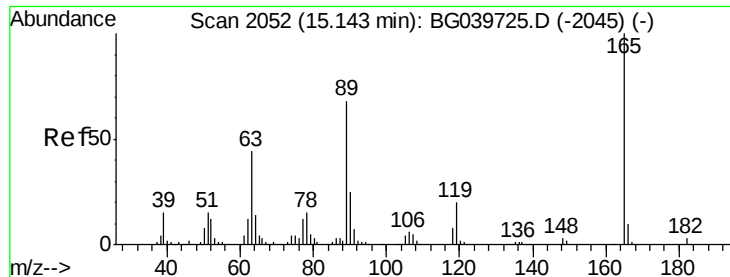


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 43.089 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

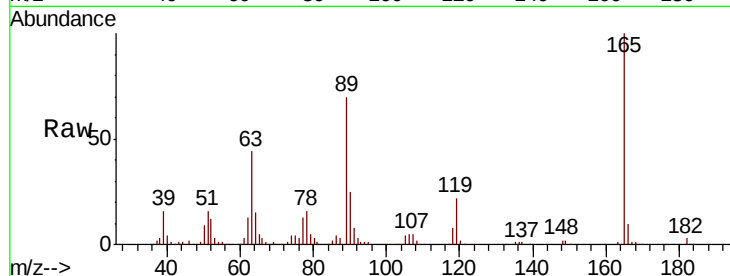
Instrument :

BNA_G

ClientSampleId :

PB117567BS

Tgt Ion:	165	Resp:	134262
Ion	Ratio	Lower	Upper
165	100		
63	43.8	41.0	61.6
89	70.2	64.6	96.8
182	3.1	2.0	3.0#

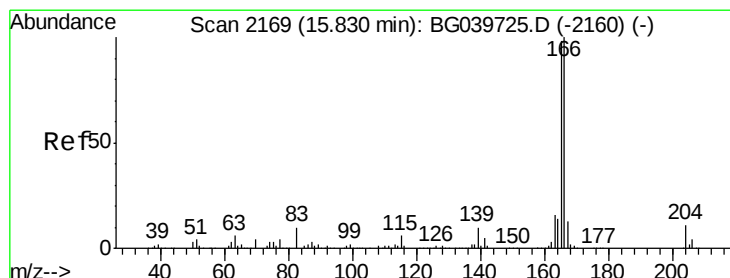
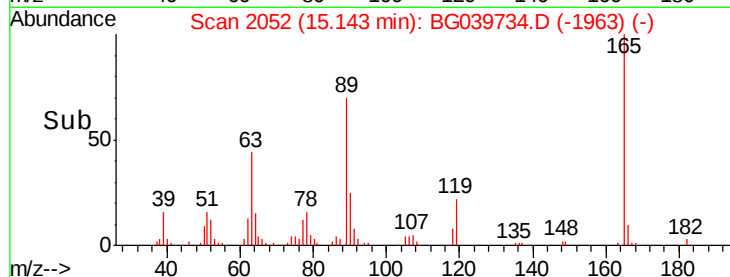
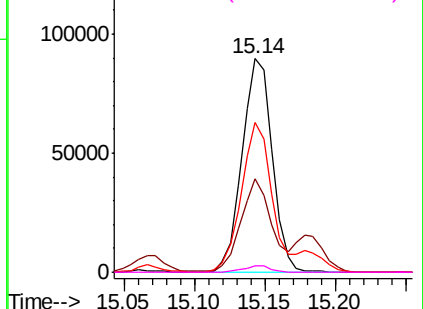


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.967 ng

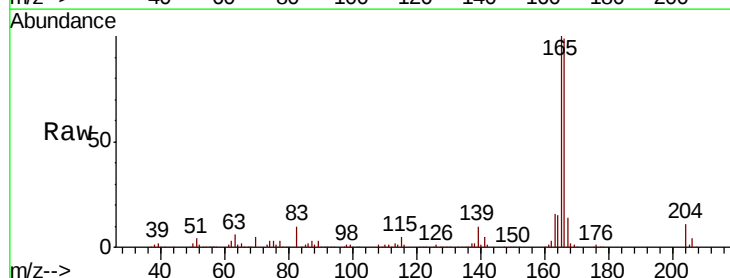
RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

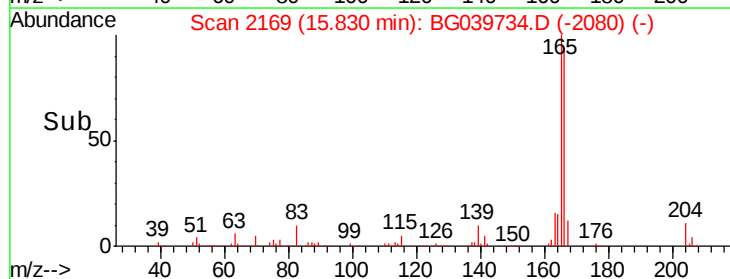
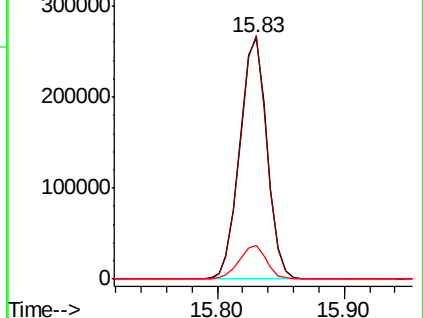
Tgt Ion:	166	Resp:	394239
Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.9	116.9
167	13.8	10.8	16.2

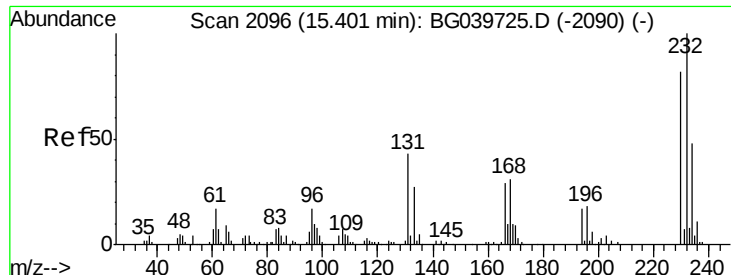


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

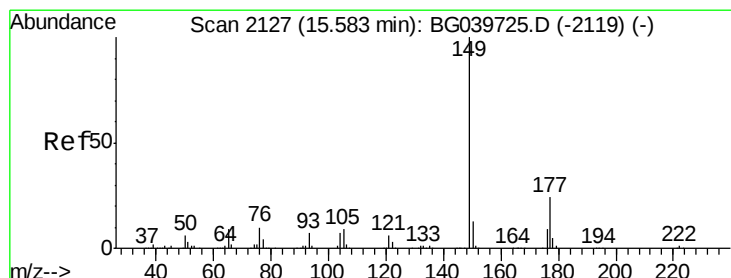
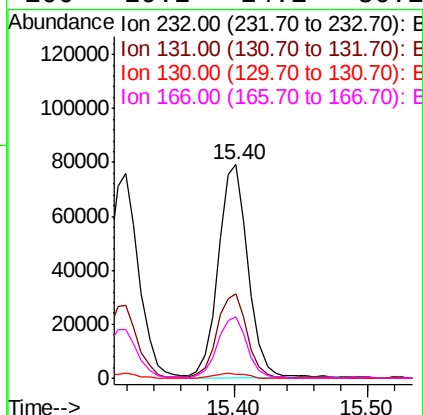
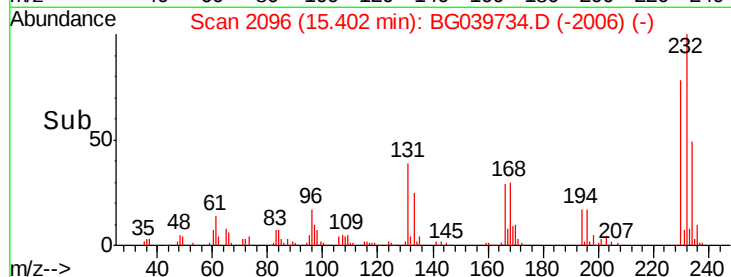
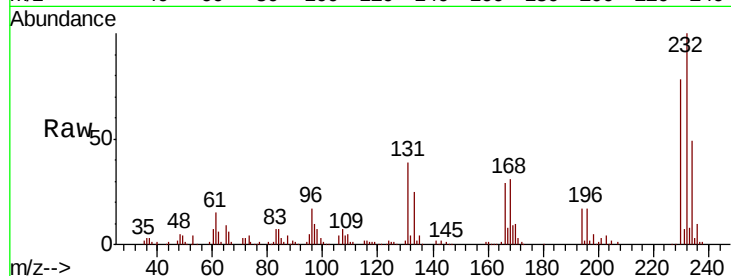




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.096 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

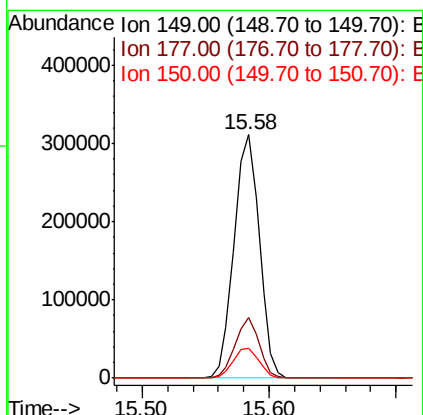
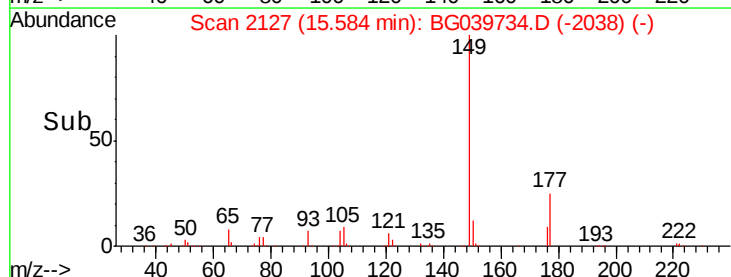
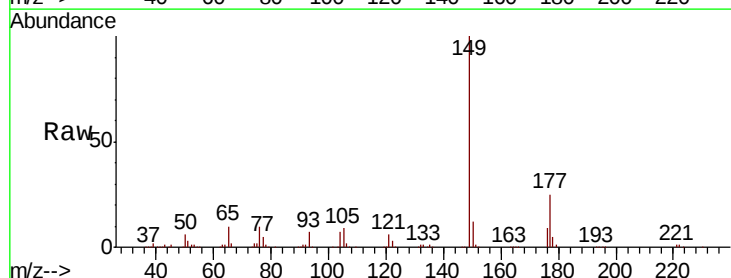
Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

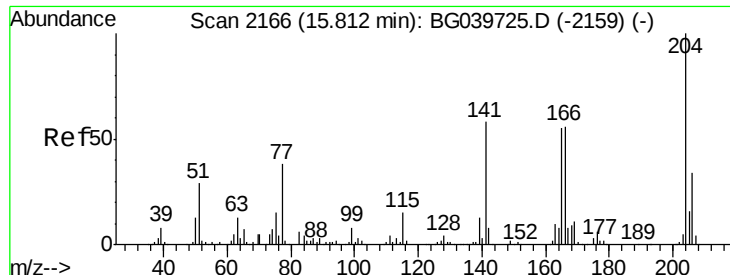
Tgt Ion:	232	Resp:	123170
Ion	Ratio	Lower	Upper
232	100		
131	39.8	34.9	52.3
130	2.3	2.0	3.0
166	29.2	24.1	36.1



#60
 Diethylphthalate
 Concen: 41.368 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion:	149	Resp:	428364
Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.3	27.5
150	12.4	10.2	15.2

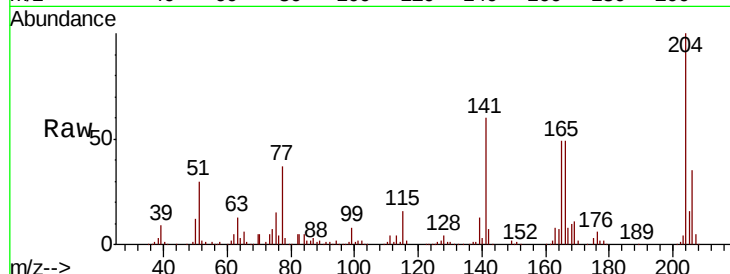




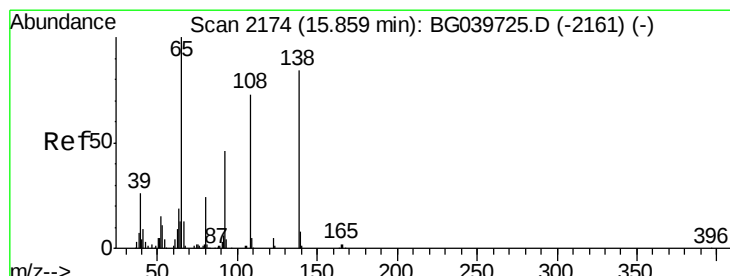
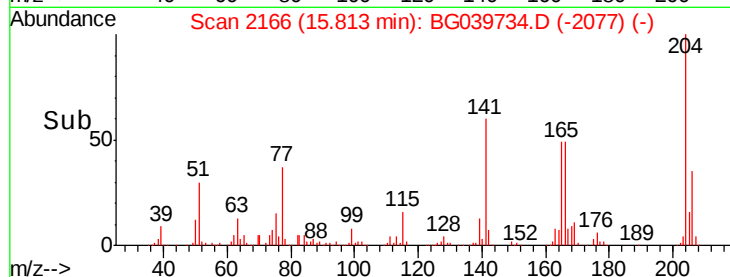
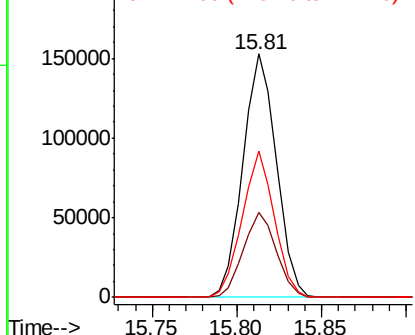
#61
 4-Chlorophenyl-phenylether
 Concen: 40.147 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion: 204 Resp: 211319
 Ion Ratio Lower Upper
 204 100
 206 34.7 29.2 43.8
 141 59.8 49.0 73.4

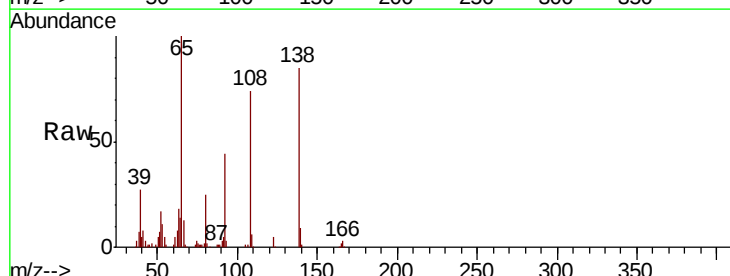


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

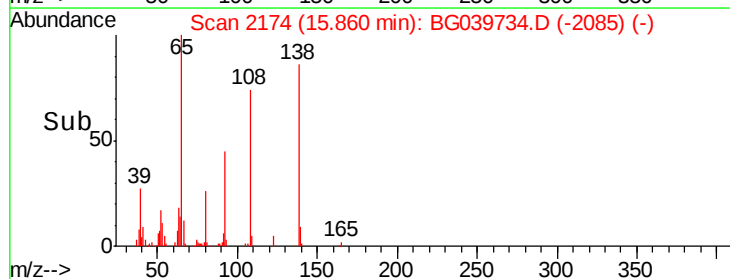
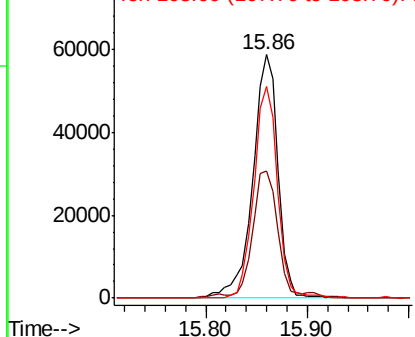


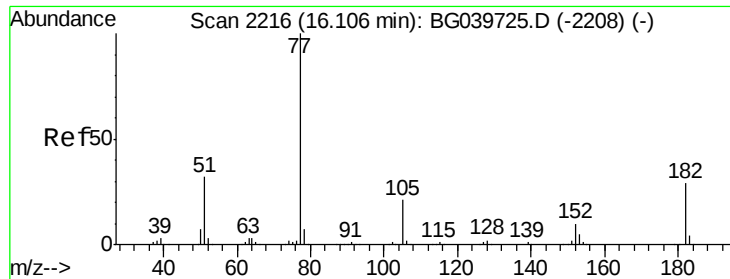
#62
 4-Nitroaniline
 Concen: 41.809 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion: 138 Resp: 101036
 Ion Ratio Lower Upper
 138 100
 92 52.4 38.7 78.7
 108 86.8 74.6 114.6



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





#63

Azobenzene

Concen: 40.560 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

Tgt Ion: 77 Resp: 380715

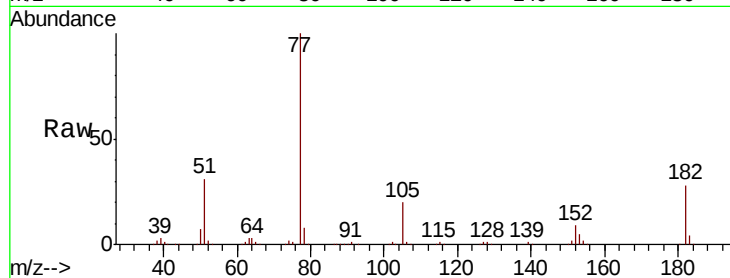
Ion Ratio Lower Upper

77 100

182 28.4 6.4 46.4

105 20.1 0.0 39.8

51 30.7 14.1 54.1

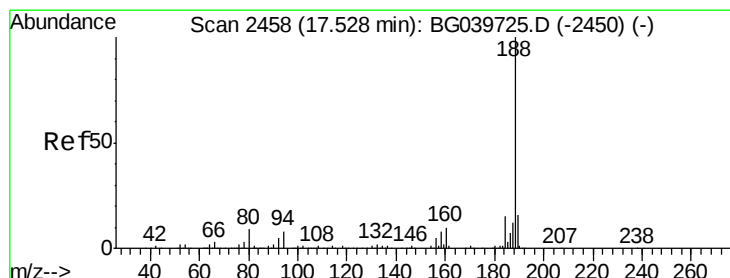
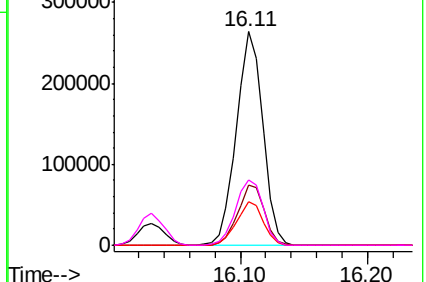
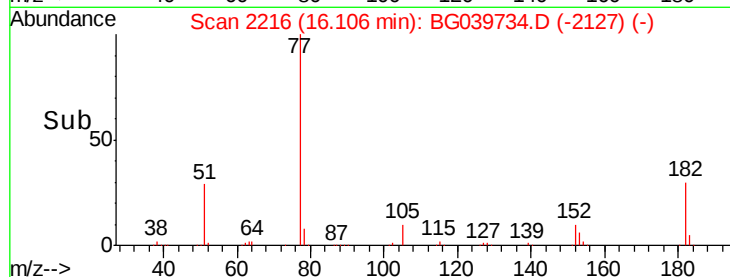


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

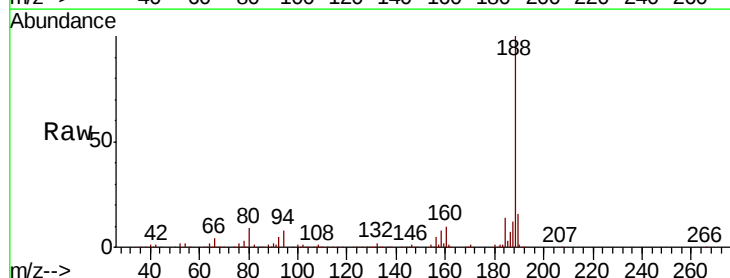
Tgt Ion: 188 Resp: 321529

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

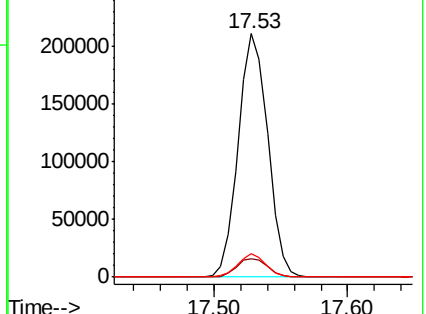
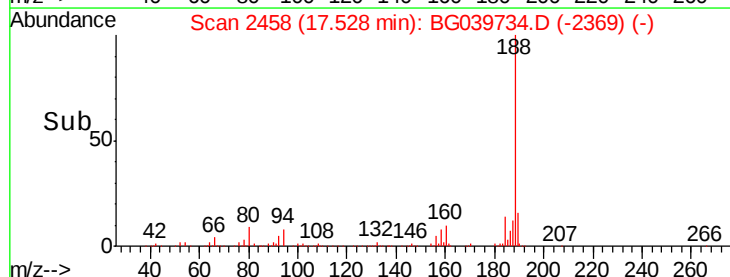
80 9.4 8.1 12.1

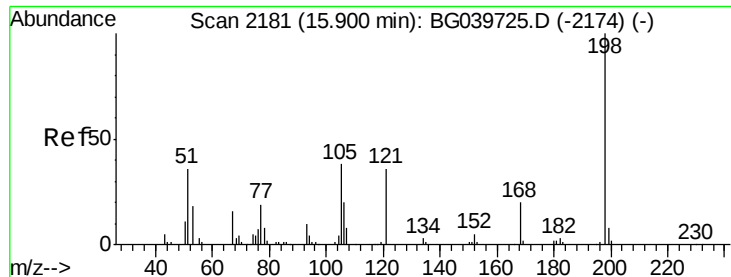


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.929 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

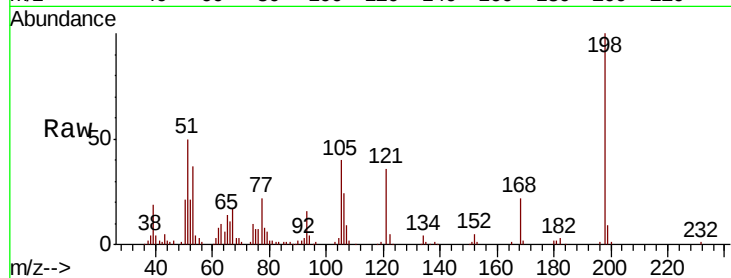
Tgt Ion:198 Resp: 77810

Ion Ratio Lower Upper

198 100

51 50.1 27.4 67.4

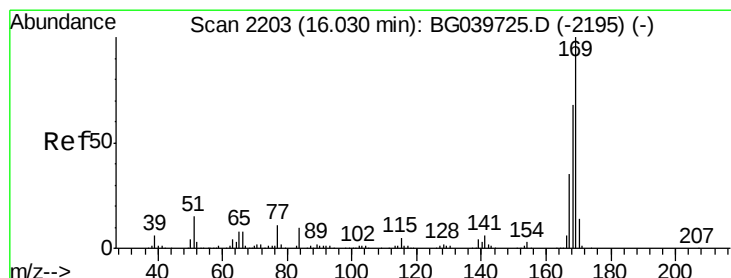
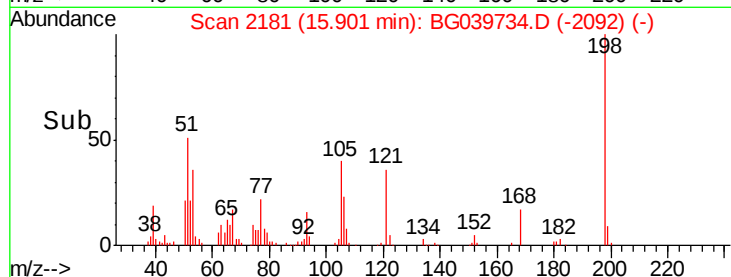
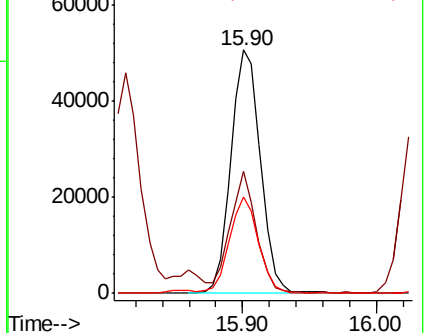
105 39.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.357 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

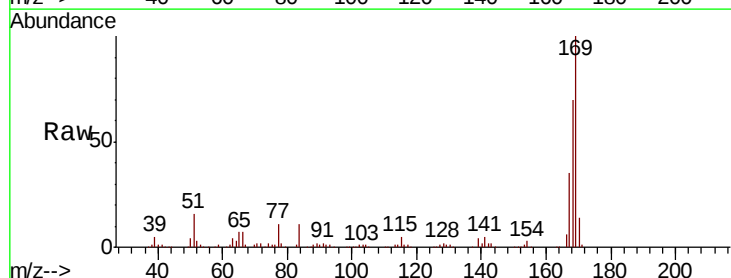
Tgt Ion:169 Resp: 366348

Ion Ratio Lower Upper

169 100

168 69.8 56.6 85.0

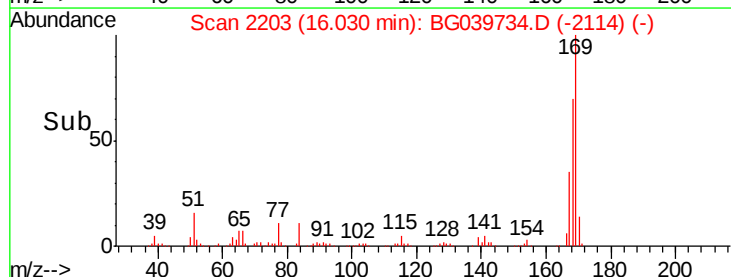
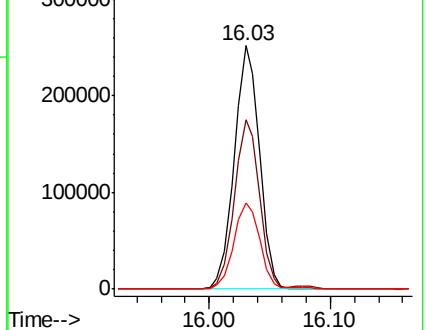
167 35.3 28.8 43.2

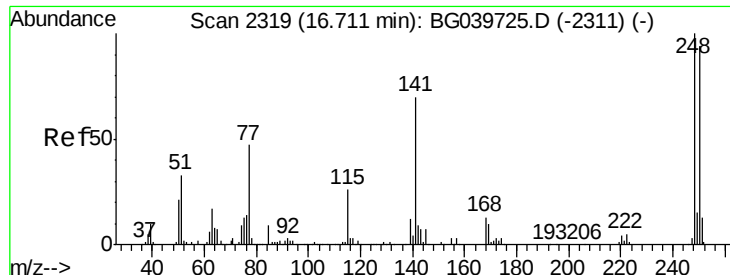


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

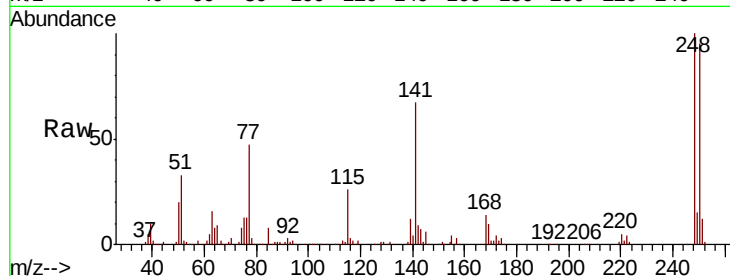




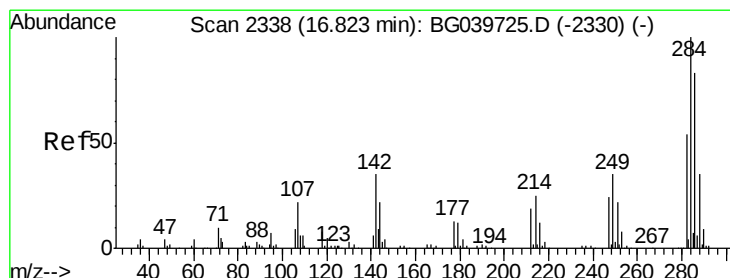
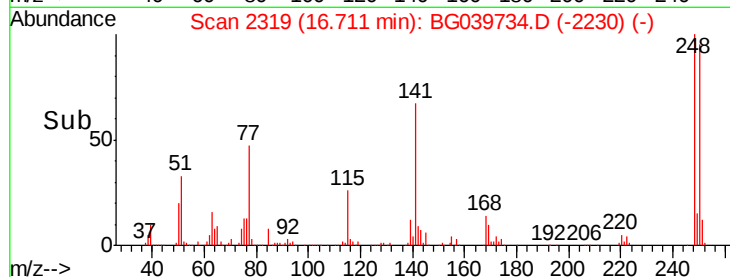
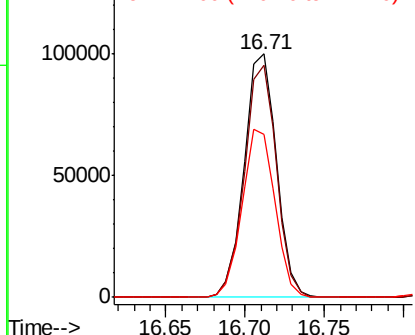
#67
4-Bromophenyl-phenylether
Concen: 39.282 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion:248 Resp: 141374
Ion Ratio Lower Upper
248 100
250 95.3 77.6 116.4
141 67.2 63.9 95.9

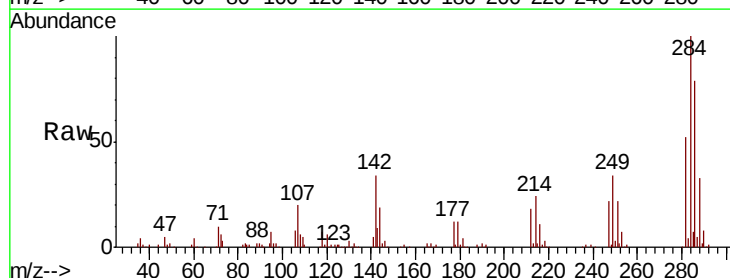


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

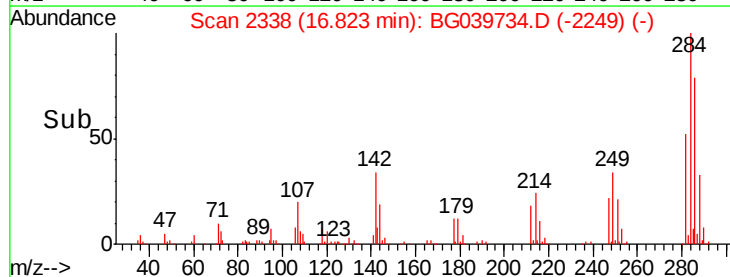
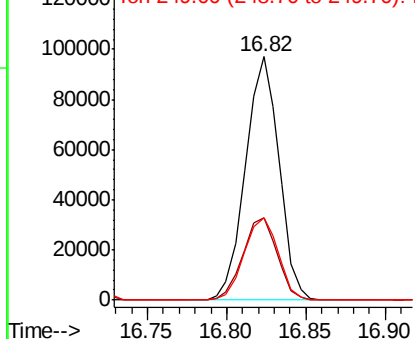


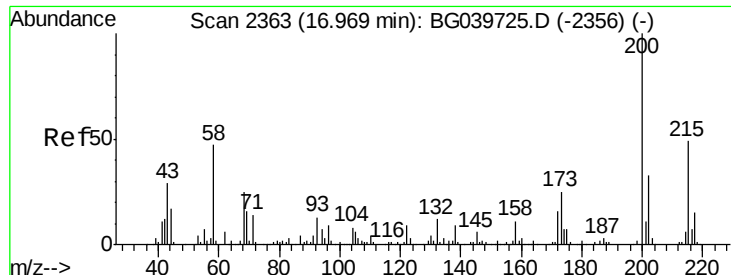
#68
Hexachlorobenzene
Concen: 38.300 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion:284 Resp: 142883
Ion Ratio Lower Upper
284 100
142 33.9 30.6 45.8
249 34.0 28.2 42.2



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

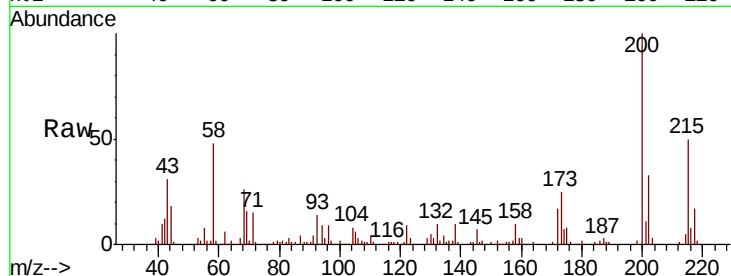




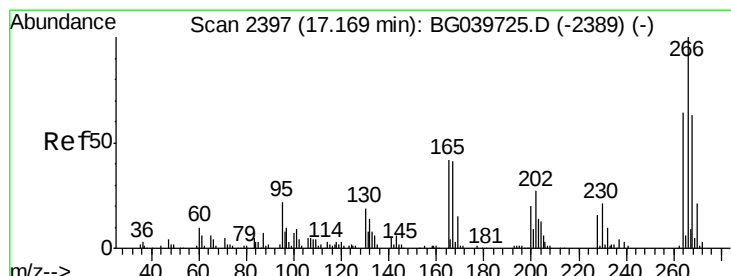
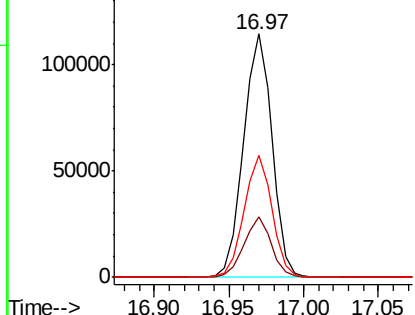
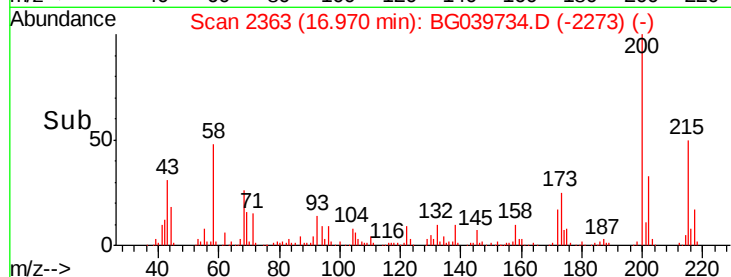
#69
 Atrazine
 Concen: 41.050 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion:200 Resp: 150383
 Ion Ratio Lower Upper
 200 100
 173 25.0 3.9 43.9
 215 50.0 30.9 70.9

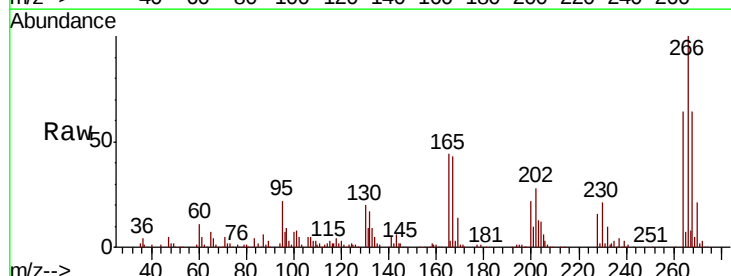


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

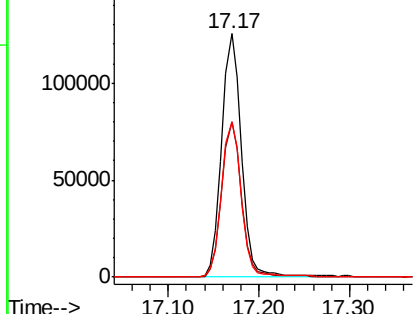
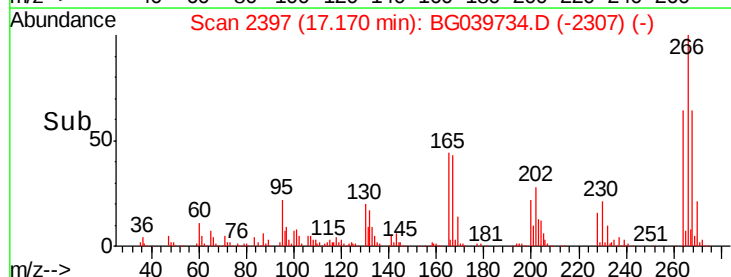


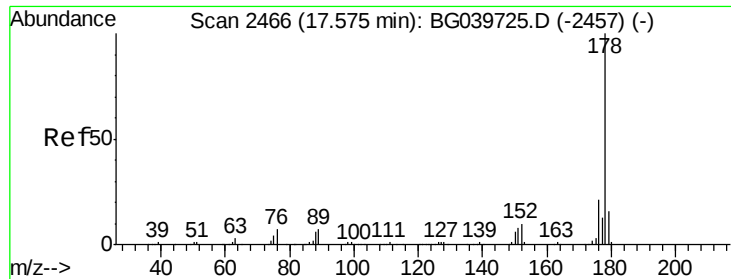
#70
 Pentachlorophenol
 Concen: 80.758 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion:266 Resp: 190272
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.5 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

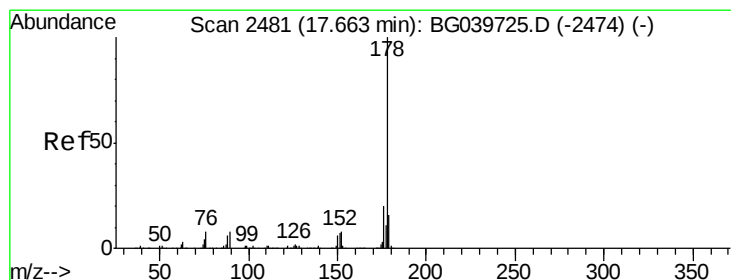
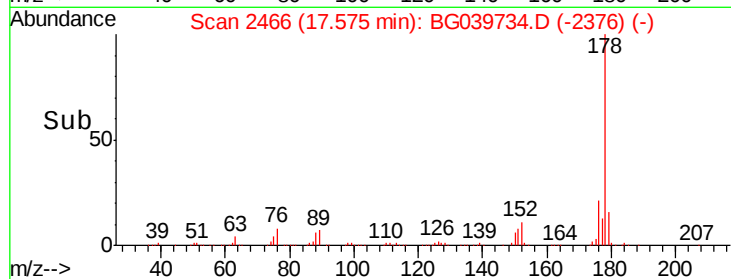
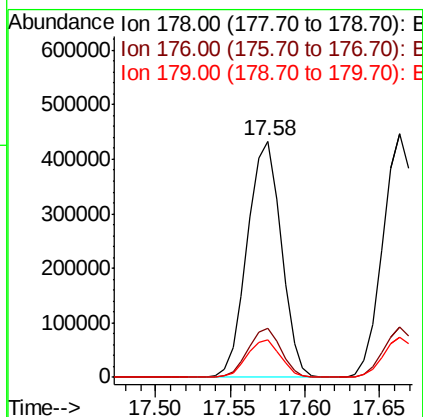
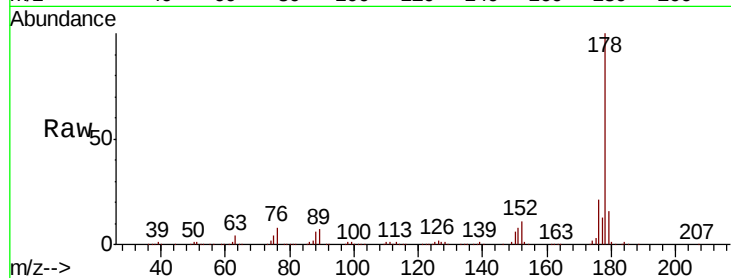




#71
Phenanthrene
Concen: 38.362 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

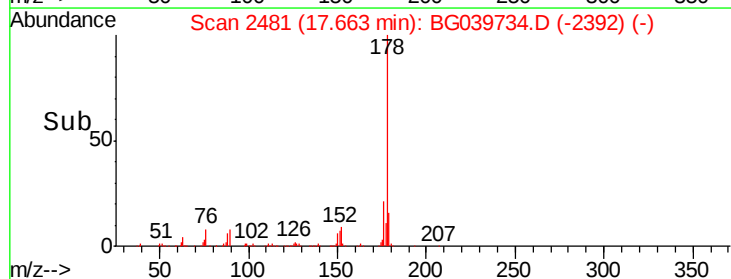
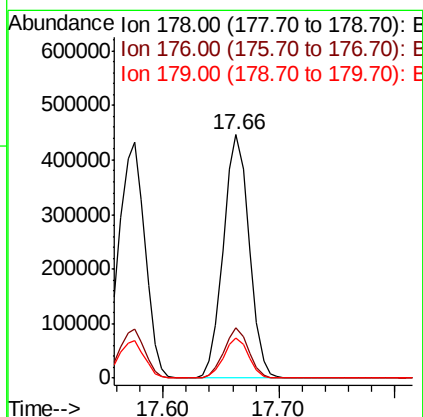
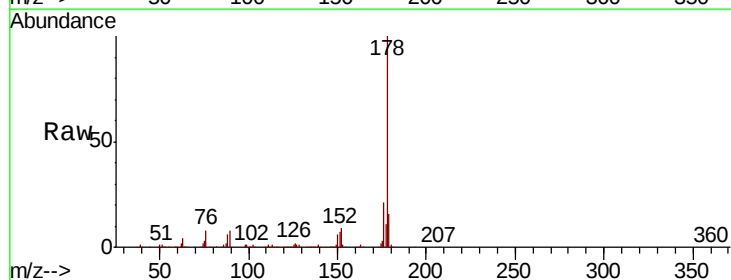
Instrument :
BNA_G
ClientSampleId :
PB117567BS

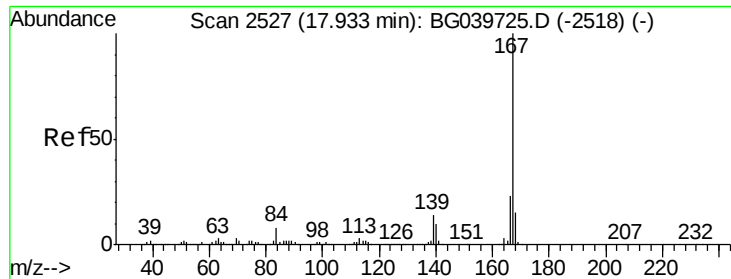
Tgt Ion:178 Resp: 679393
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.0 12.6 19.0



#72
Anthracene
Concen: 39.997 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion:178 Resp: 690285
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.6
179 16.4 12.5 18.7

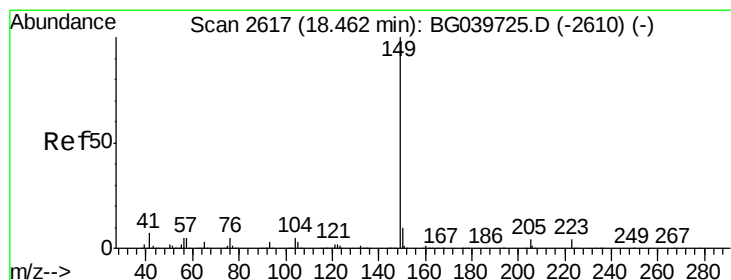
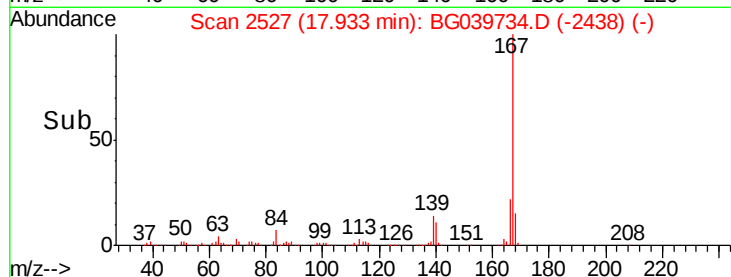
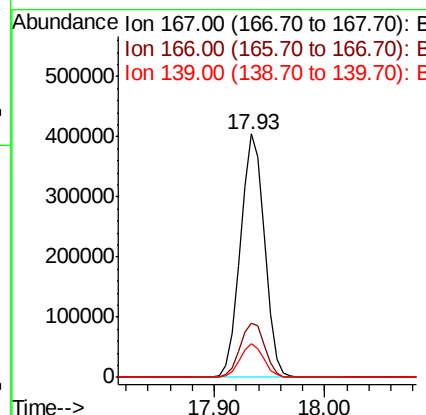
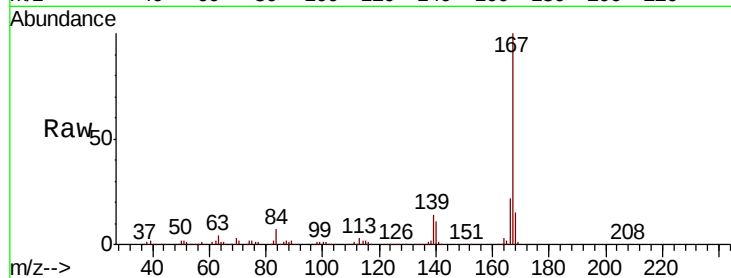




#73
 Carbazole
 Concen: 39.857 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

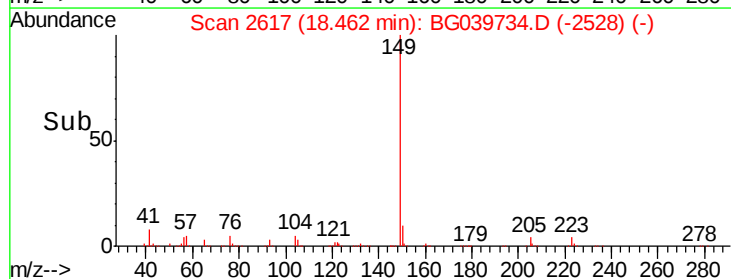
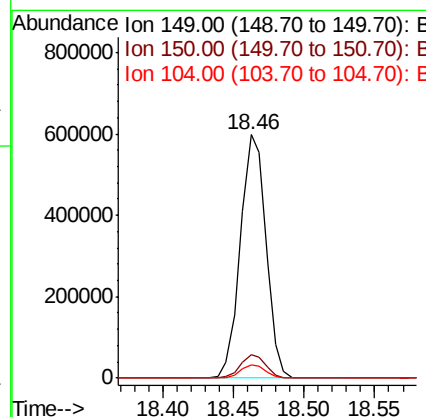
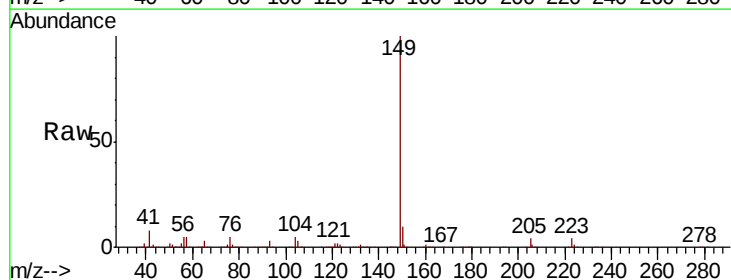
Instrument :
 BNA_G
 ClientSampleID :
 PB117567BS

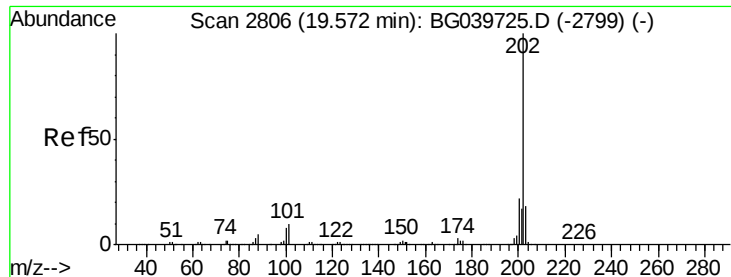
Tgt Ion:167 Resp: 620113
 Ion Ratio Lower Upper
 167 100
 166 22.3 19.4 29.2
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.257 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion:149 Resp: 755244
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 40.174 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

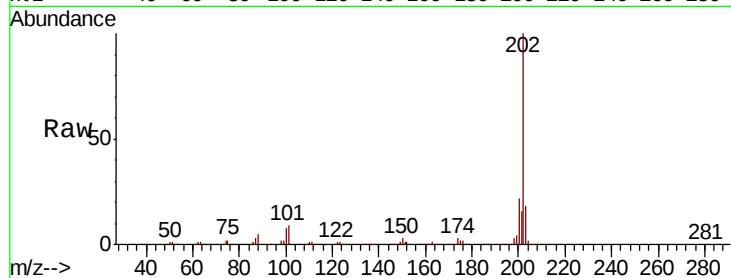
Tgt Ion:202 Resp: 840852

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

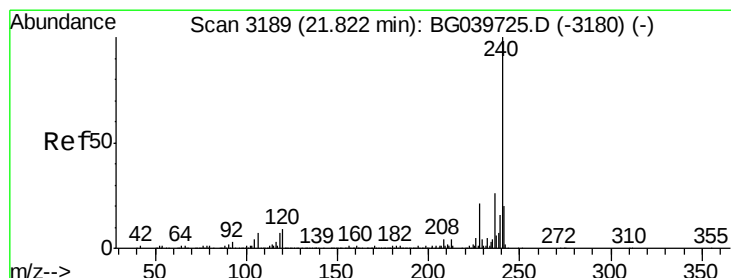
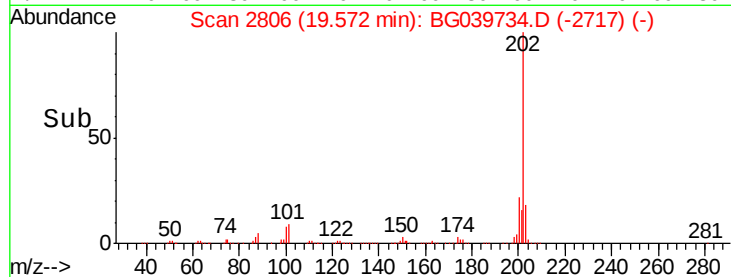
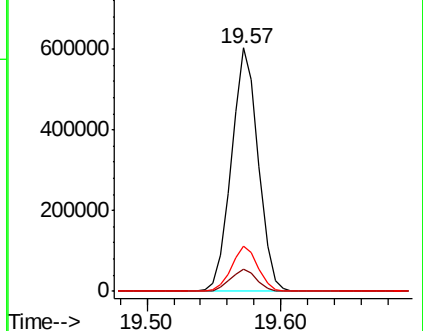
203 18.5 0.0 38.9



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# 3189

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

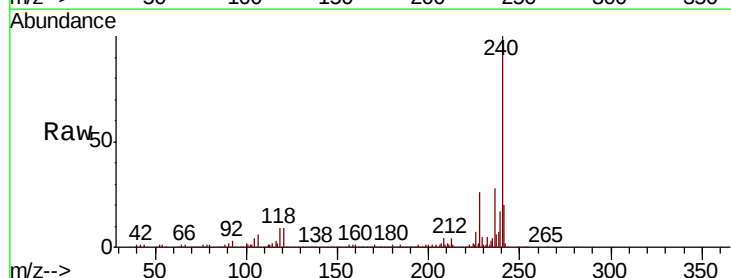
Tgt Ion:240 Resp: 334082

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

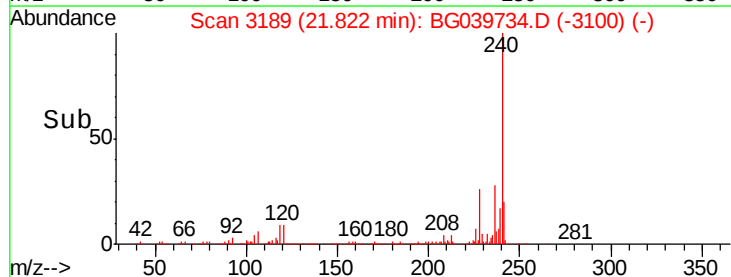
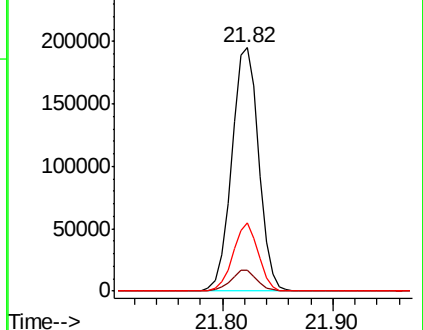
236 28.0 21.0 31.4

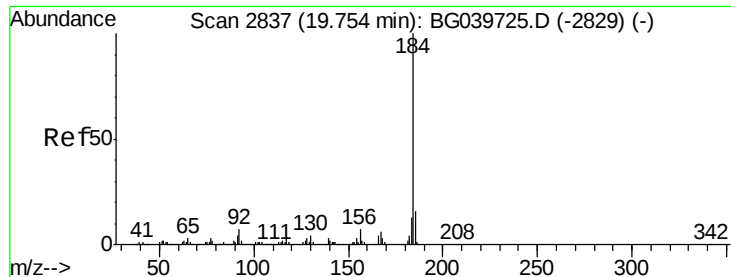


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.953 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

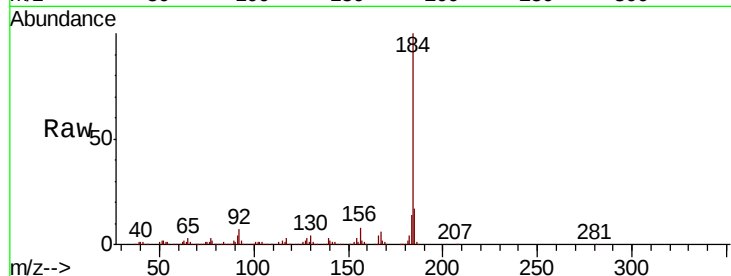
Tgt Ion:184 Resp: 444759

Ion Ratio Lower Upper

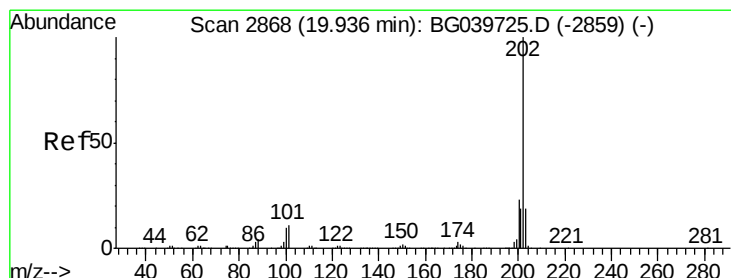
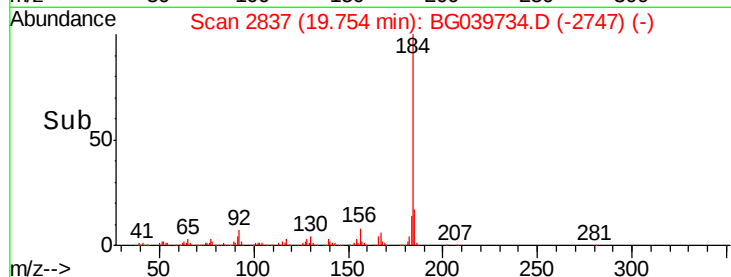
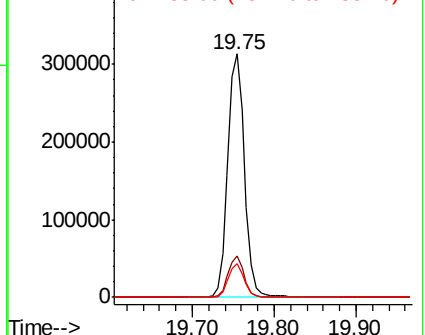
184 100

185 16.8 12.2 18.2

183 13.6 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: 38.741 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

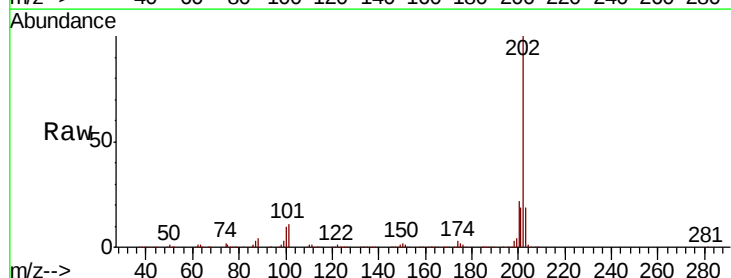
Tgt Ion:202 Resp: 841026

Ion Ratio Lower Upper

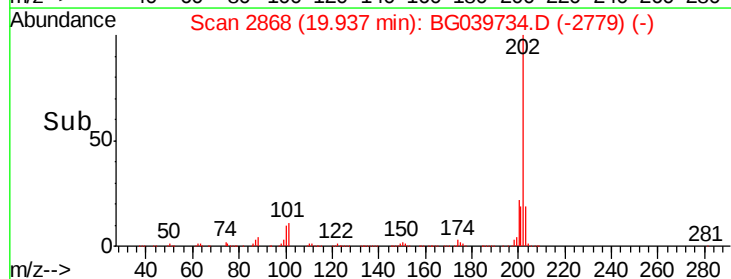
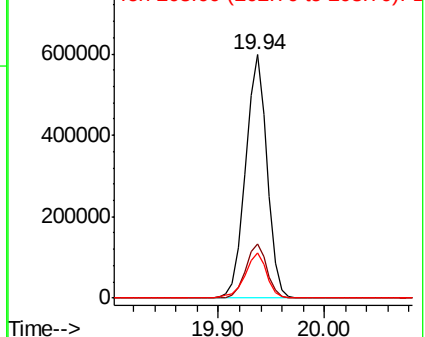
202 100

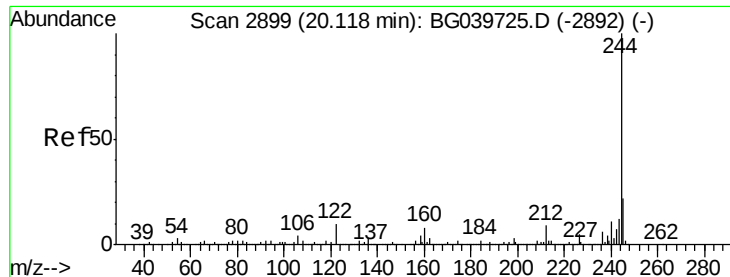
200 22.3 17.8 26.8

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: 73.943 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

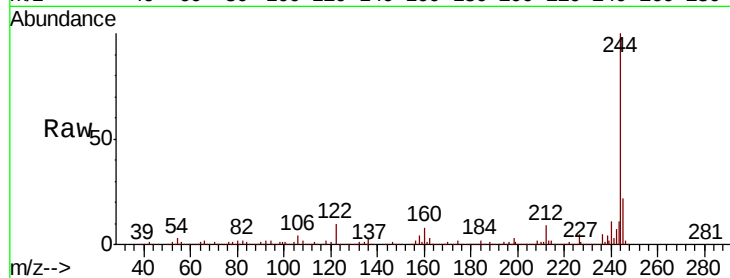
Tgt Ion:244 Resp: 1121945

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

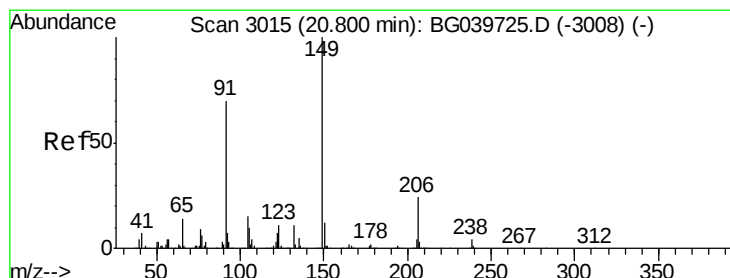
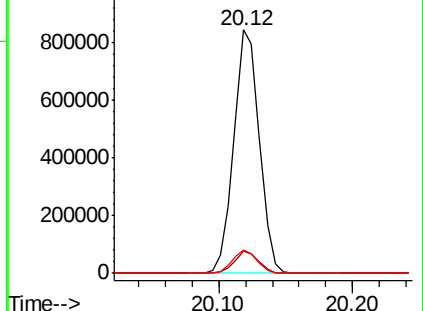
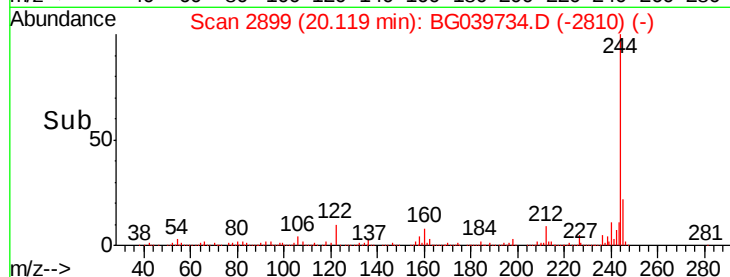
122 9.6 8.4 12.6



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: 41.301 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

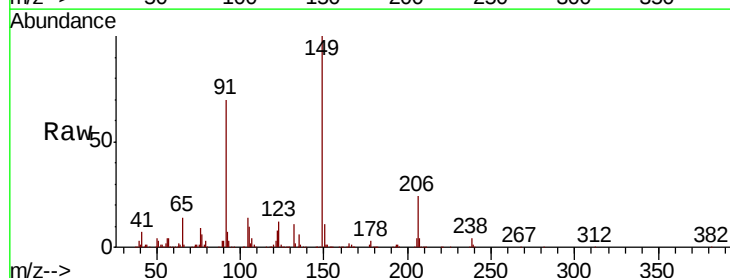
Tgt Ion:149 Resp: 347367

Ion Ratio Lower Upper

149 100

91 69.6 59.5 89.3

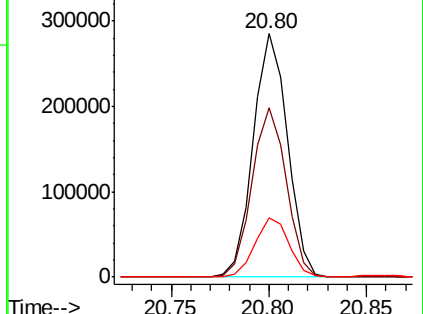
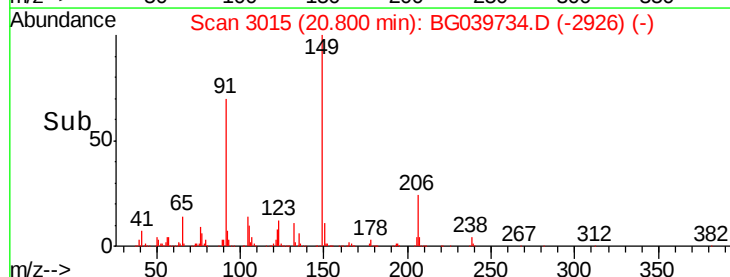
206 24.3 18.6 27.8

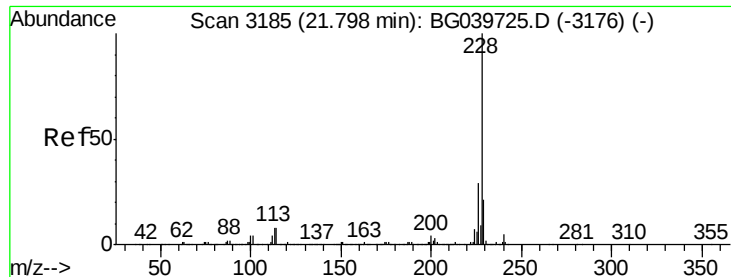


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.014 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

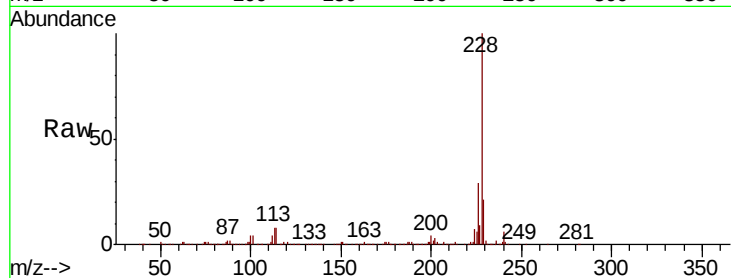
Tgt Ion:228 Resp: 795924

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

229 20.8 16.9 25.3

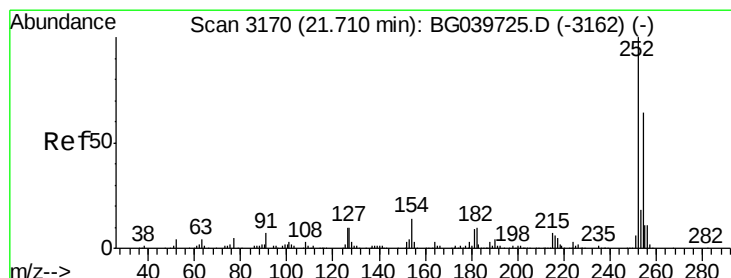
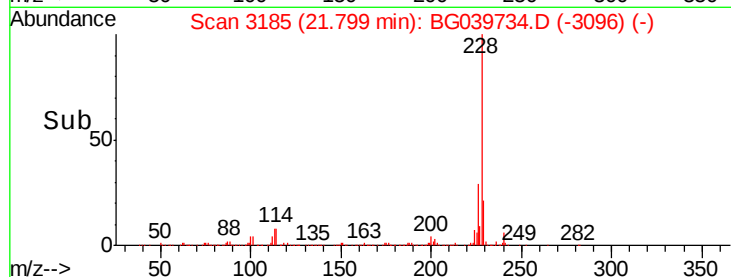
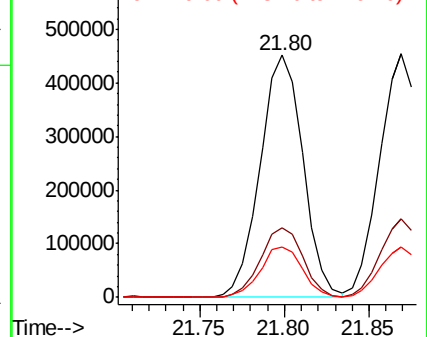


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.108 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

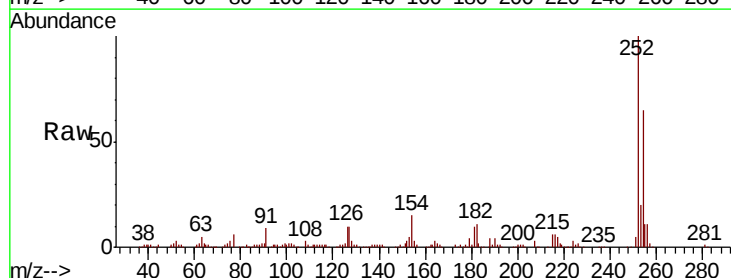
Tgt Ion:252 Resp: 169000

Ion Ratio Lower Upper

252 100

254 65.5 51.3 76.9

126 9.6 8.0 12.0

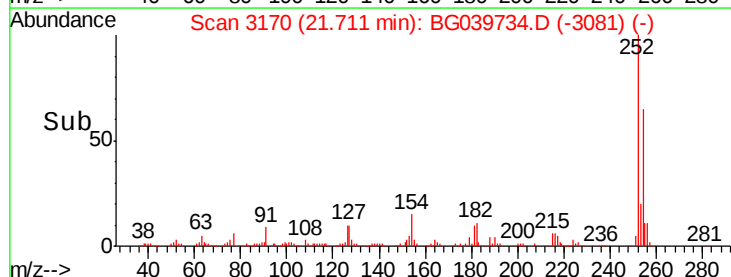
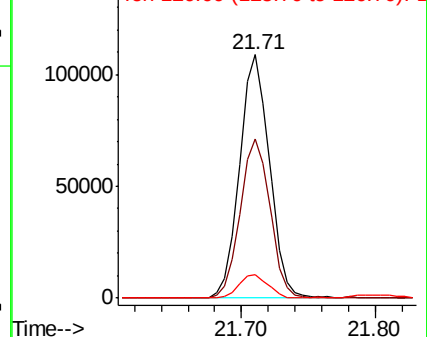


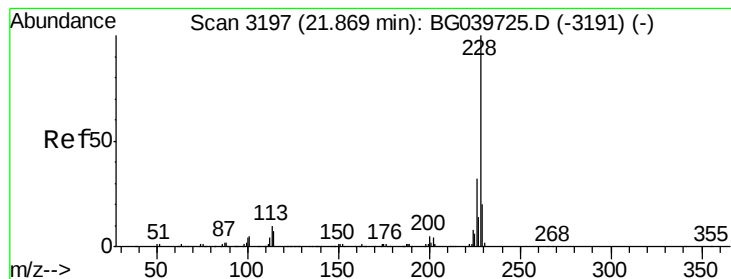
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.160 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

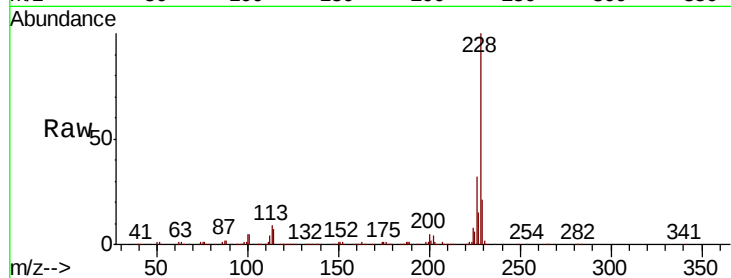
Tgt Ion:228 Resp: 774590

Ion Ratio Lower Upper

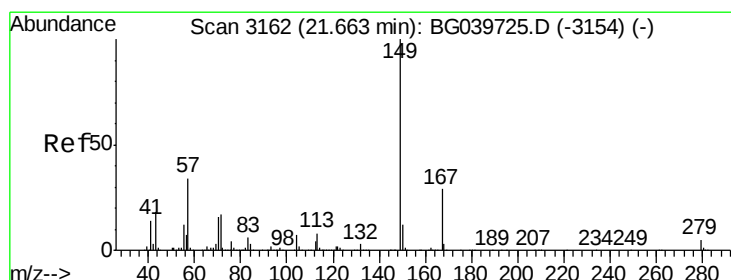
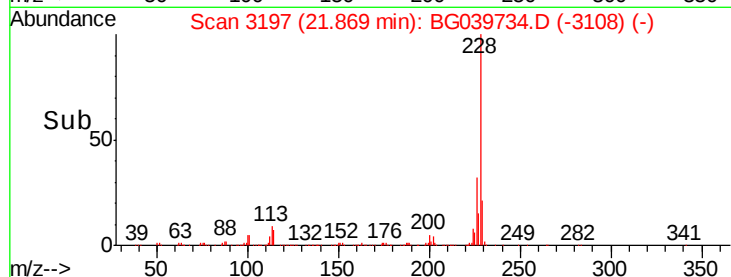
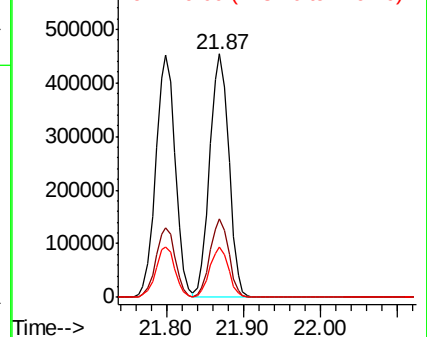
228 100

226 32.2 25.8 38.6

229 20.7 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: 40.688 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

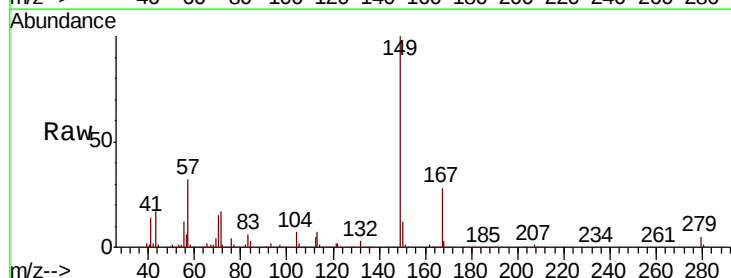
Tgt Ion:149 Resp: 480888

Ion Ratio Lower Upper

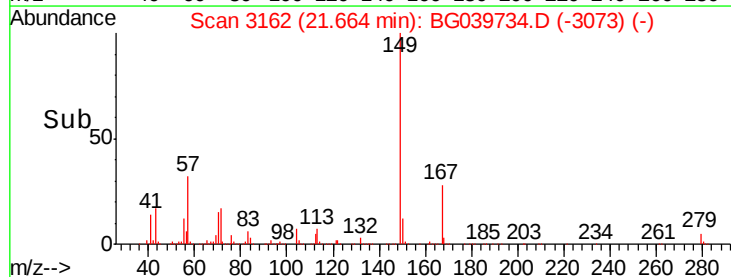
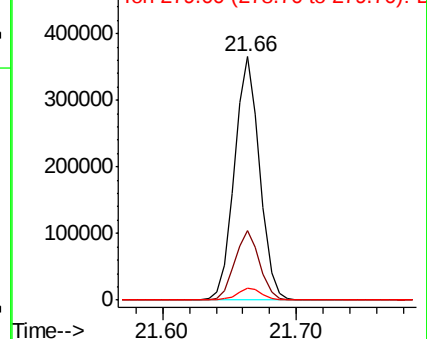
149 100

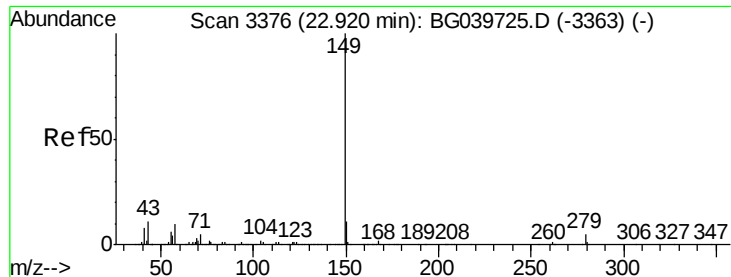
167 28.5 22.6 34.0

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

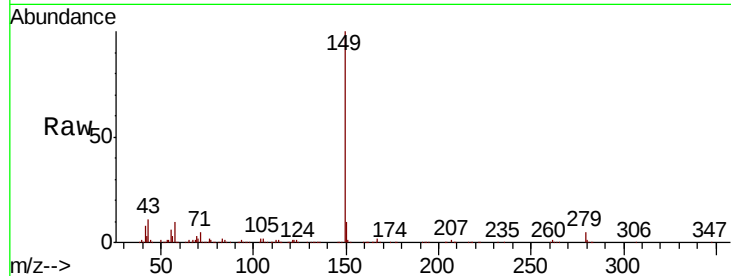




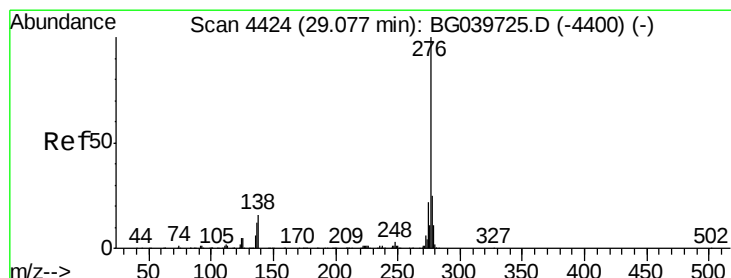
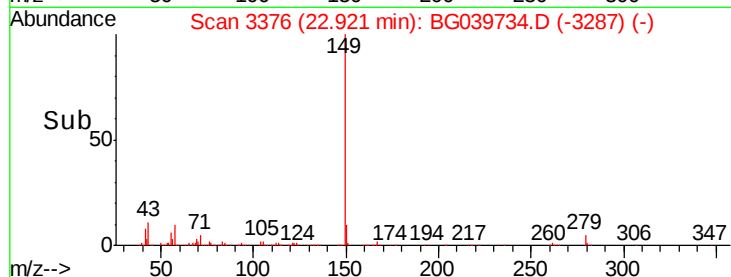
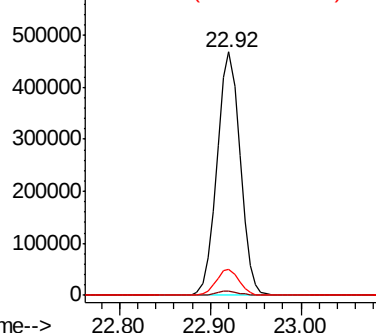
#85
Di-n-octyl phthalate
Concen: 42.203 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion:149 Resp: 825884
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 10.2 15.4

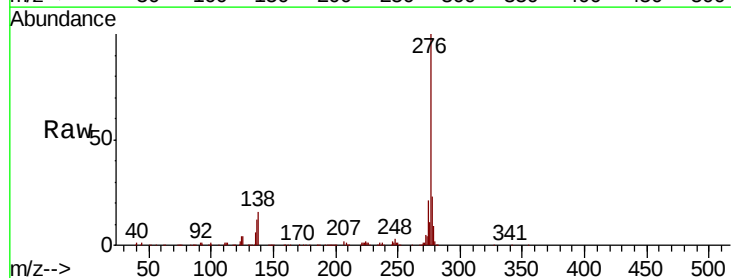


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

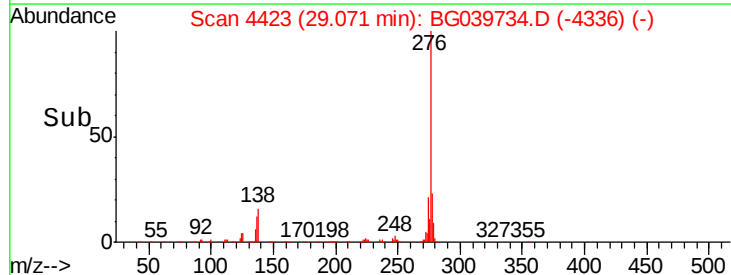
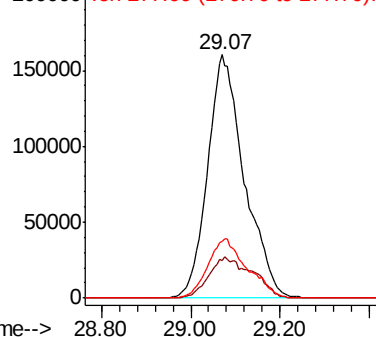


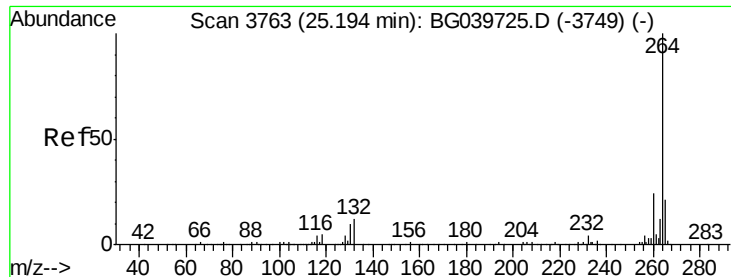
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.657 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion:276 Resp: 913217
Ion Ratio Lower Upper
276 100
138 20.4 12.6 19.0#
277 25.9 20.8 31.2



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

PB117567BS

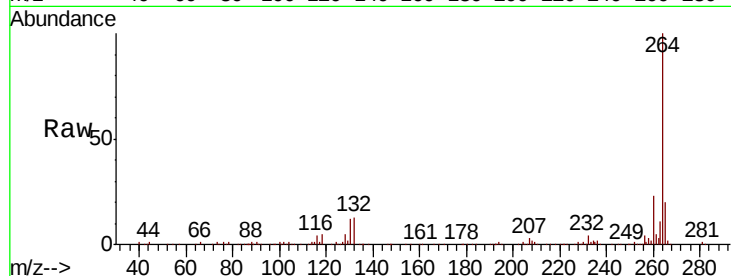
Tgt Ion:264 Resp: 338184

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 20.3 18.5 27.7

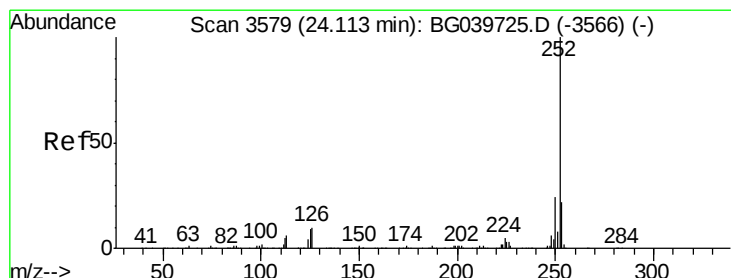
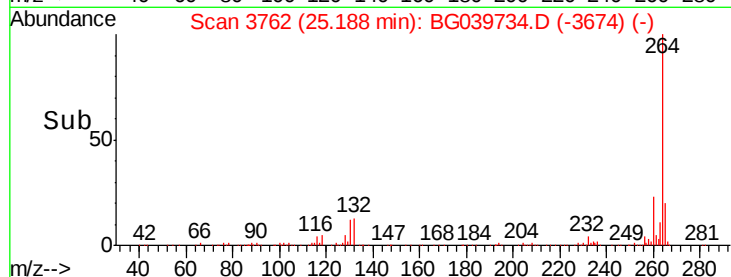
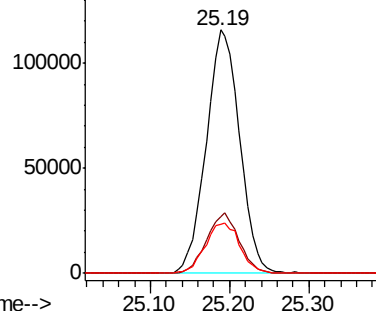


Abundance

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: 40.142 ng

RT: 24.11 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

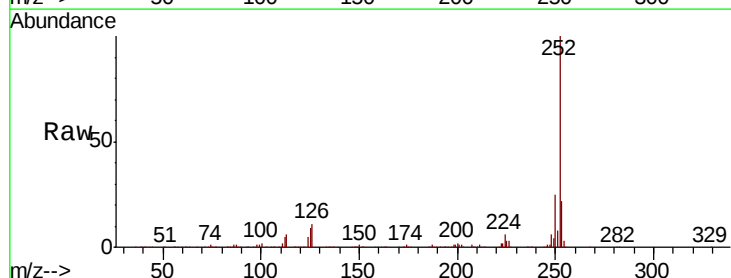
Tgt Ion:252 Resp: 809525

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.8 7.8 11.6

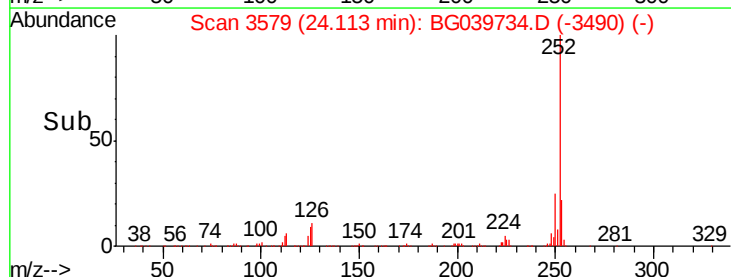
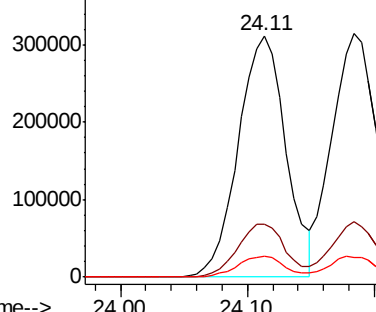


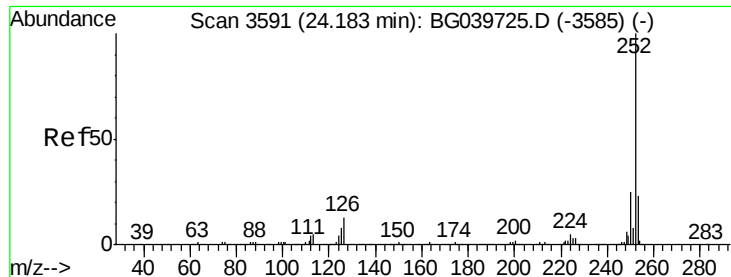
Abundance

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

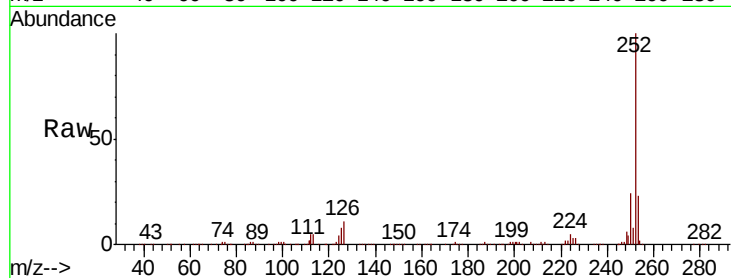




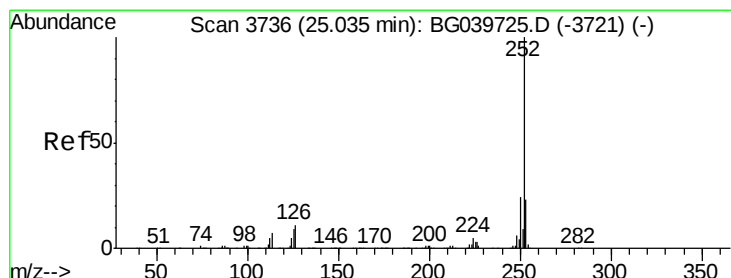
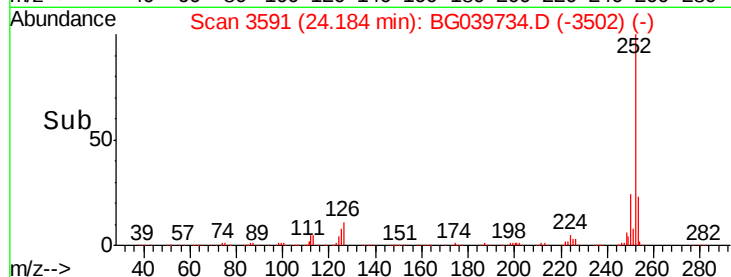
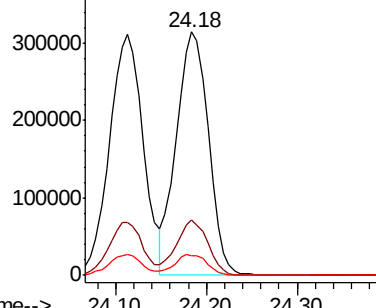
#89
Benzo(k)fluoranthene
Concen: 41.201 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion:252 Resp: 773420
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 8.3 7.4 11.2

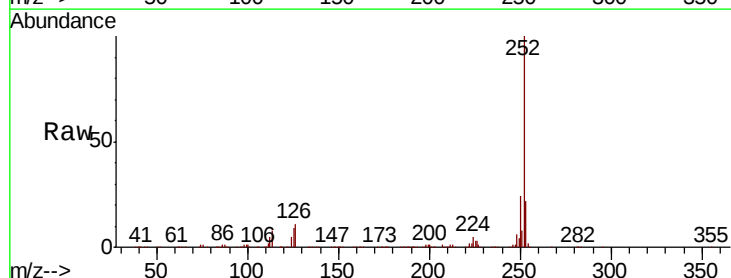


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

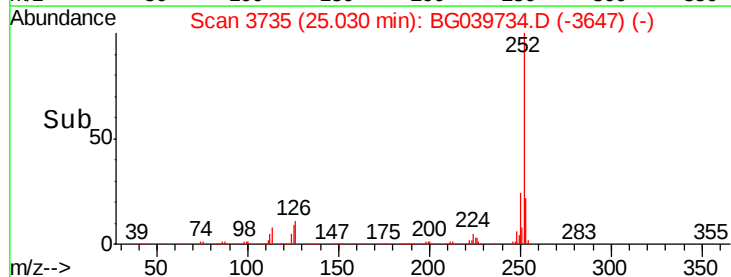
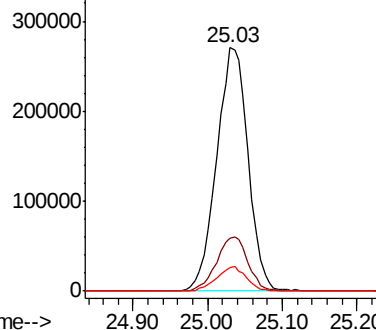


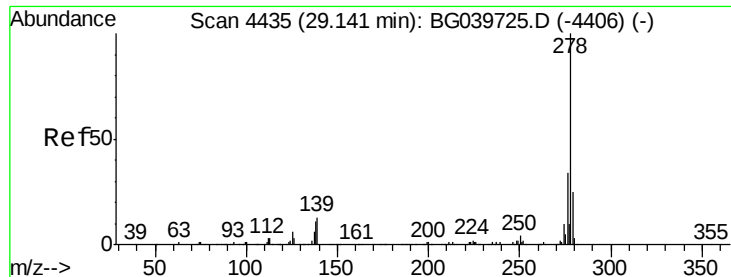
#90
Benzo(a)pyrene
Concen: 42.435 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion:252 Resp: 790771
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.4 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

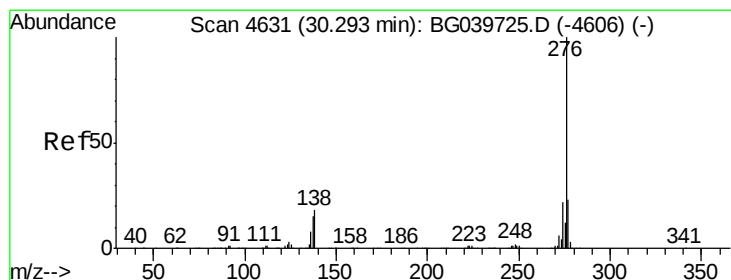
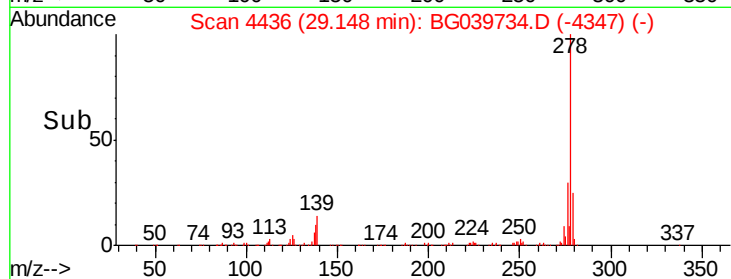
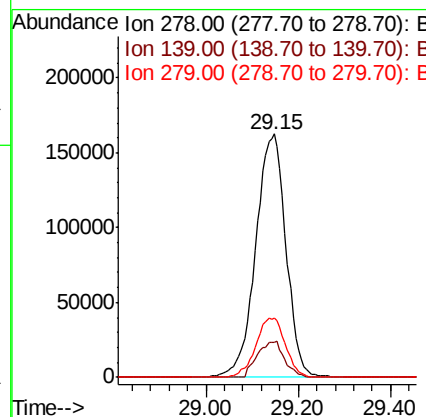
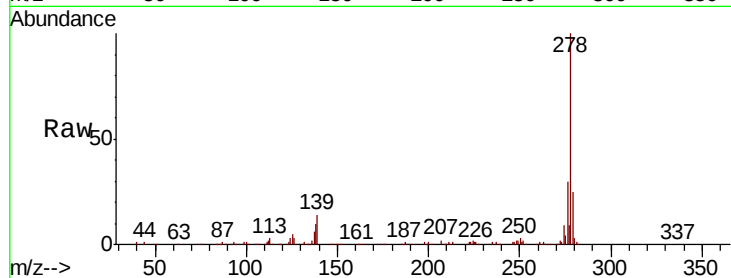




#91
Dibenzo(a,h)anthracene
Concen: 40.468 ng
RT: 29.15 min Scan# 4436
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	24.5	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 41.035 ng
RT: 30.30 min Scan# 4632
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	16.2	14.7	22.1

