

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039747.D
 Acq On : 5 Mar 2019 1:22
 Operator : JU/SJ
 Sample : PB117574BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Quant Time: Mar 05 06:28:54 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	42650	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	185926	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130454	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	325624	20.00	ng	0.00
76) Chrysene-d12	21.82	240	337299	20.00	ng	-0.01
87) Perylene-d12	25.19	264	349773	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	359814	143.93	ng	0.00
7) Phenol-d6	7.31	99	504375	135.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	272543	79.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	204482	134.48	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	680362	74.26	ng	-0.01
79) Terphenyl-d14	20.12	244	1169890	76.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	42534	36.852	ng	96
3) Pyridine	3.99	79	108882	35.238	ng	99
4) n-Nitrosodimethylamine	3.91	42	58907	40.186	ng	91
6) Aniline	7.48	93	152320	31.189	ng	98
8) 2-Chlorophenol	7.72	128	131360	43.311	ng	97
9) Benzaldehyde	7.29	77	83308	34.646	ng	97
10) Phenol	7.33	94	178020	44.084	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	121403	38.559	ng	97
12) 1,3-Dichlorobenzene	8.04	146	131763	38.413	ng	94
13) 1,4-Dichlorobenzene	8.19	146	134917	38.614	ng	99
14) 1,2-Dichlorobenzene	8.51	146	133212	39.461	ng	96
15) Benzyl Alcohol	8.39	79	122941	41.577	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	239851	38.090	ng	98
17) 2-Methylphenol	8.59	107	115520	44.864	ng	99
18) Hexachloroethane	9.24	117	48302	38.528	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	101672	37.894	ng	91
20) 3+4-Methylphenols	8.92	107	159445	44.573	ng	98
22) Acetophenone	8.99	105	191051	38.285	ng	# 96
24) Nitrobenzene	9.38	77	148531	41.185	ng	98
25) Isophorone	9.89	82	292918	40.665	ng	99
26) 2-Nitrophenol	10.09	139	72517	41.646	ng	# 94
27) 2,4-Dimethylphenol	10.13	122	139121	51.372	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	179273	40.955	ng	99
29) 2,4-Dichlorophenol	10.61	162	144677	47.450	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	140936	41.078	ng	98
31) Naphthalene	11.03	128	402842	40.923	ng	98
32) Benzoic acid	10.26	122	81916	44.597	ng	90
33) 4-Chloroaniline	11.14	127	89097	21.344	ng	94
34) Hexachlorobutadiene	11.29	225	89638	38.233	ng	92
35) Caprolactam	11.97	113	21445	18.412	ng	89
36) 4-Chloro-3-methylphenol	12.24	107	156842	44.874	ng	99
37) 2-Methylnaphthalene	12.62	142	308654	41.939	ng	98
38) 1-Methylnaphthalene	12.84	142	299136	41.825	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	169926	38.450	ng	99

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41) Hexachlorocyclopentadiene	12.95	237	238999	100.911	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	118056	45.627	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	128836	44.176	ng	98
46) 1,1'-Biphenyl	13.62	154	424969	39.607	ng	100
47) 2-Chloronaphthalene	13.67	162	327665	40.594	ng	97
48) 2-Nitroaniline	13.87	65	114003	43.948	ng	94
49) Acenaphthylene	14.51	152	536659	40.500	ng	99
50) Dimethylphthalate	14.23	163	448063	41.075	ng	100
51) 2,6-Dinitrotoluene	14.36	165	98299	42.507	ng	99
52) Acenaphthene	14.85	154	328619	41.205	ng	99
53) 3-Nitroaniline	14.70	138	61778	26.576	ng	# 96
54) 2,4-Dinitrophenol	14.90	184	119717	81.952	ng	98
55) Dibenzofuran	15.18	168	529795	40.489	ng	99
56) 4-Nitrophenol	14.99	139	178176	85.682	ng	91
57) 2,4-Dinitrotoluene	15.14	165	140830	43.341	ng	# 88
58) Fluorene	15.82	166	422019	41.026	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	131482	46.162	ng	97
60) Diethylphthalate	15.58	149	450843	41.750	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	225168	41.020	ng	96
62) 4-Nitroaniline	15.86	138	106035	42.075	ng	94
63) Azobenzene	16.11	77	404261	41.299	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	81662	42.415	ng	99
66) n-Nitrosodiphenylamine	16.03	169	394862	41.887	ng	97
67) 4-Bromophenyl-phenylether	16.71	248	148675	40.791	ng	90
68) Hexachlorobenzene	16.82	284	148729	39.366	ng	95
69) Atrazine	16.97	200	159555	43.006	ng	98
70) Pentachlorophenol	17.17	266	200517	84.037	ng	98
71) Phenanthrene	17.57	178	725826	40.468	ng	99
72) Anthracene	17.66	178	737743	42.209	ng	99
73) Carbazole	17.93	167	651396	41.341	ng	98
74) Di-n-butylphthalate	18.46	149	793500	42.802	ng	99
75) Fluoranthene	19.57	202	876126	41.333	ng	99
77) Benzidine	19.75	184	459404	42.921	ng	99
78) Pyrene	19.94	202	874460	39.897	ng	99
80) Butylbenzylphthalate	20.80	149	374540	44.107	ng	93
81) Benzo(a)anthracene	21.80	228	843994	39.925	ng	98
82) 3,3'-Dichlorobenzidine	21.71	252	183059	23.719	ng	97
83) Chrysene	21.87	228	799029	38.988	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	516825	43.312	ng	100
85) Di-n-octyl phthalate	22.92	149	880615	44.570	ng	95
86) Indeno(1,2,3-cd)pyrene	29.07	276	977724	42.053	ng	# 96
88) Benzo(b)fluoranthene	24.11	252	865495	41.495	ng	98
89) Benzo(k)fluoranthene	24.18	252	806020	41.515	ng	100
90) Benzo(a)pyrene	25.03	252	826161	42.865	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	787332	41.669	ng	100
92) Benzo(g,h,i)perylene	30.30	276	807817	42.569	ng	98

(#) = 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

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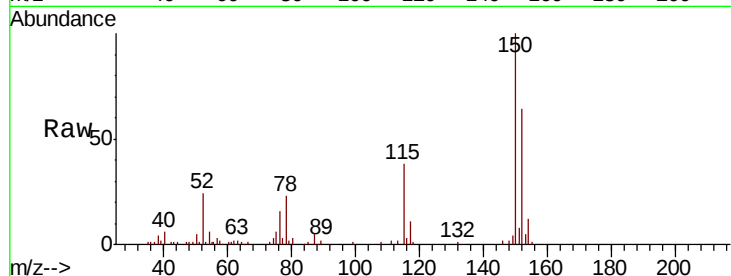
Tgt Ion:152 Resp: 42650

Ion Ratio Lower Upper

152 100

150 156.5 123.7 185.5

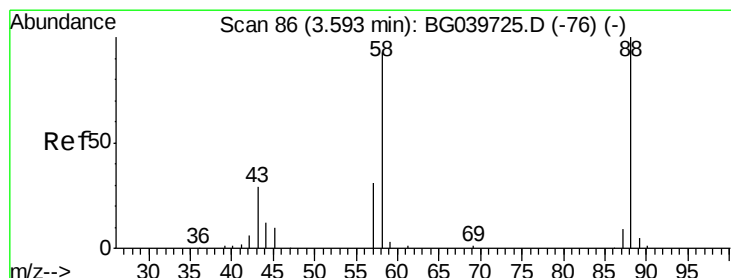
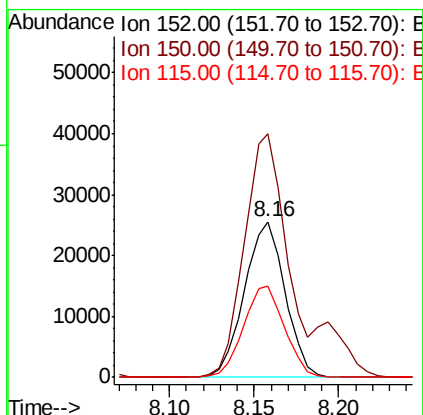
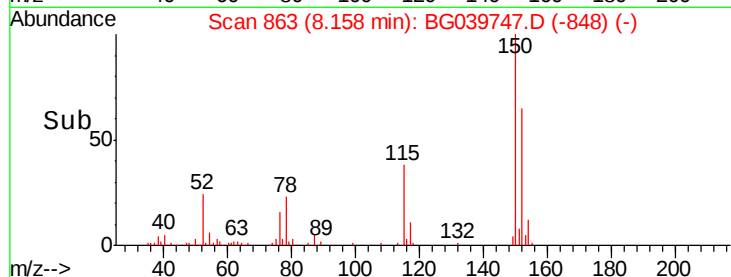
115 58.9 45.9 68.9



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: 36.852 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

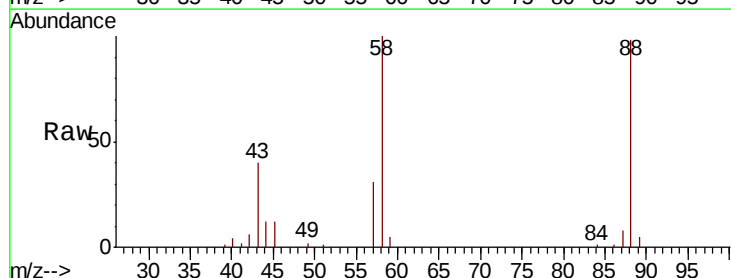
Tgt Ion: 88 Resp: 42534

Ion Ratio Lower Upper

88 100

58 97.7 81.1 121.7

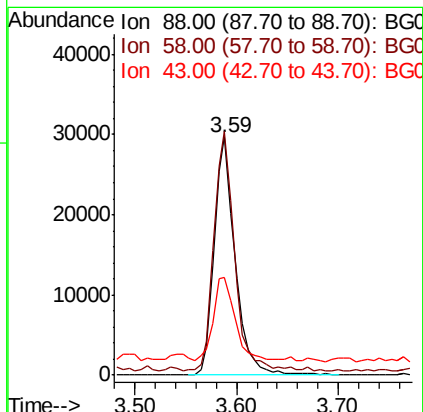
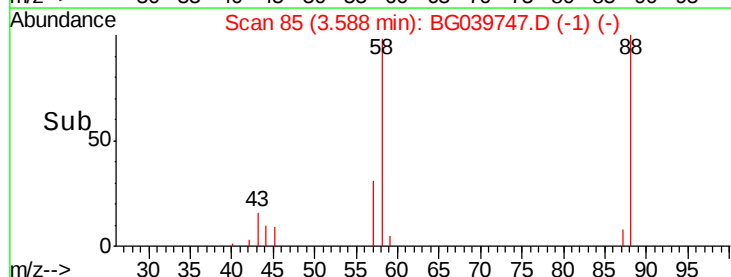
43 35.2 31.4 47.0

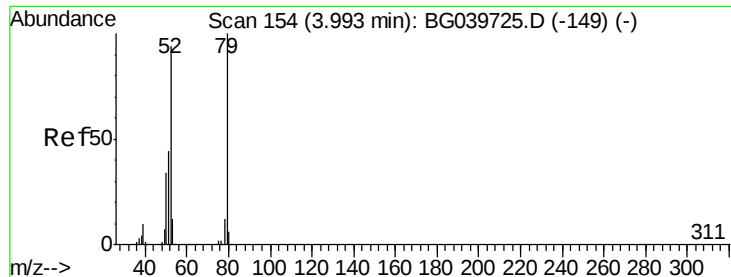


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.238 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

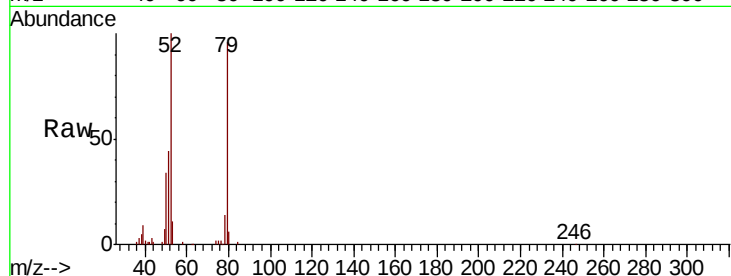
Tgt Ion: 79 Resp: 108882

Ion Ratio Lower Upper

79 100

52 103.8 82.6 124.0

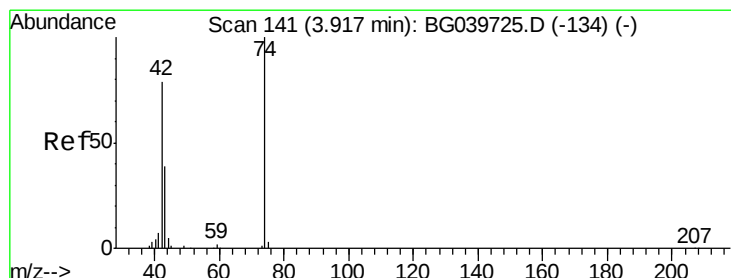
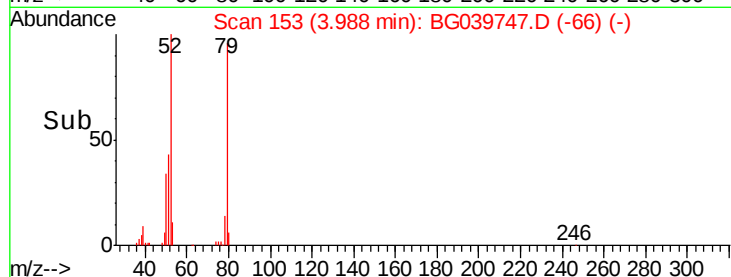
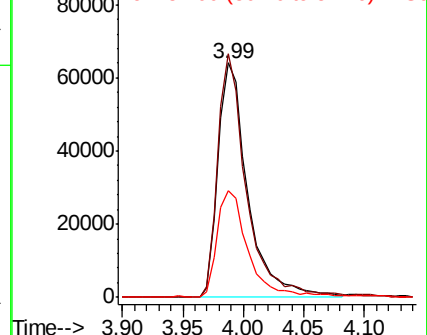
51 45.7 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.186 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

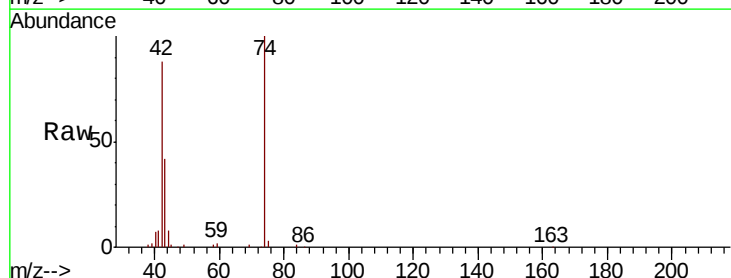
Tgt Ion: 42 Resp: 58907

Ion Ratio Lower Upper

42 100

74 114.0 83.6 125.4

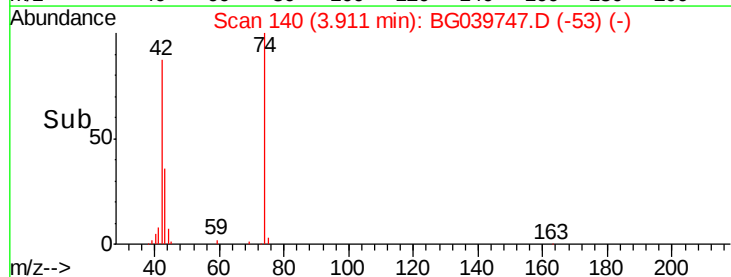
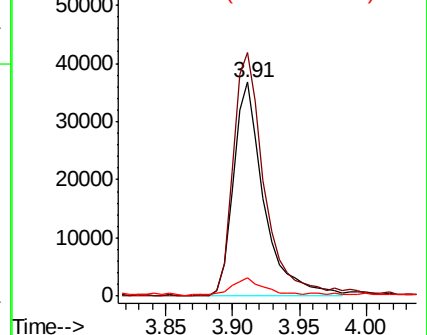
44 8.6 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 143.926 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

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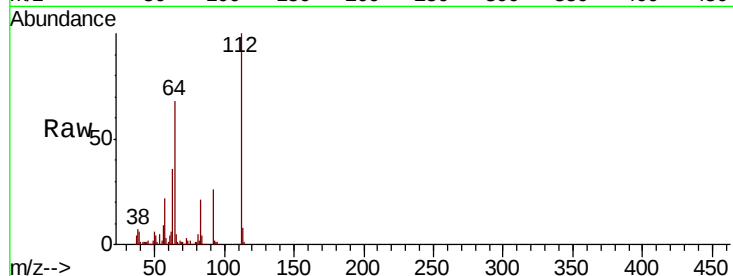
Tgt Ion: 112 Resp: 359814

Ion Ratio Lower Upper

112 100

64 67.7 57.8 86.8

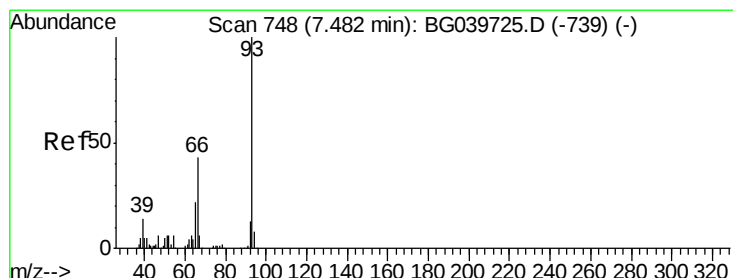
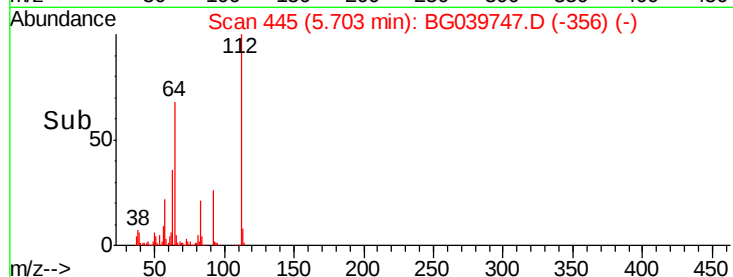
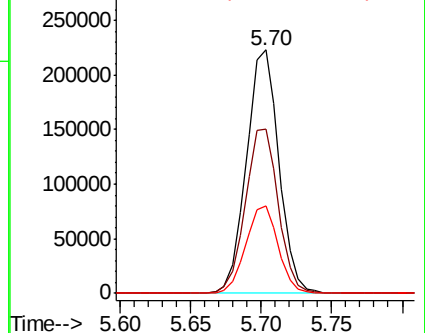
63 36.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.189 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

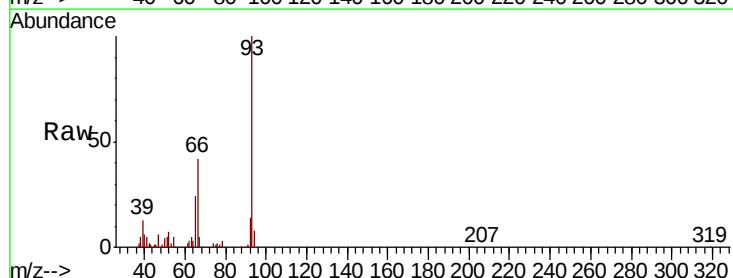
Tgt Ion: 93 Resp: 152320

Ion Ratio Lower Upper

93 100

66 42.2 34.2 51.4

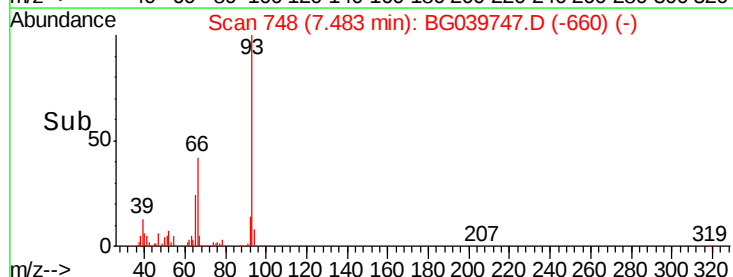
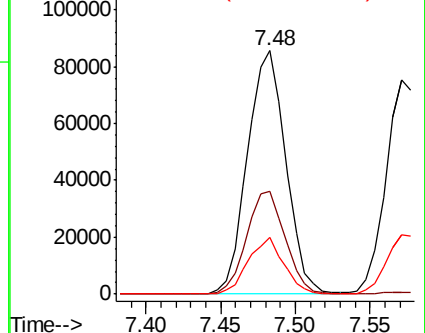
65 23.5 17.7 26.5



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: 135.307 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

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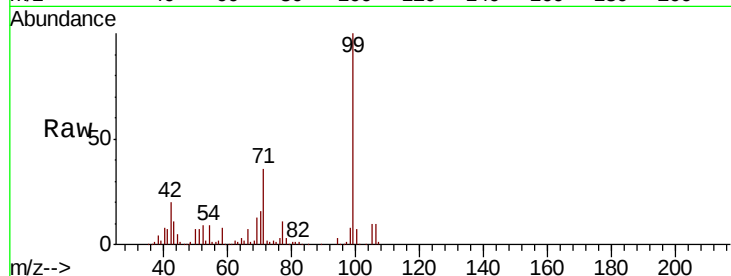
Tgt Ion: 99 Resp: 504375

Ion Ratio Lower Upper

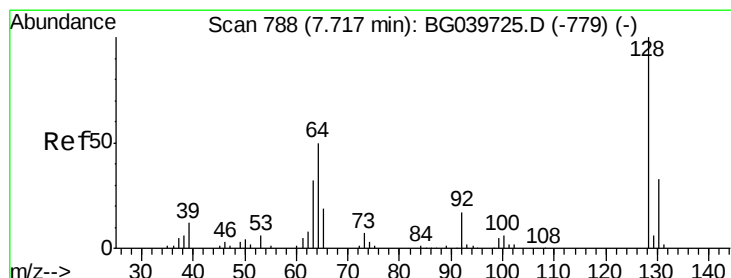
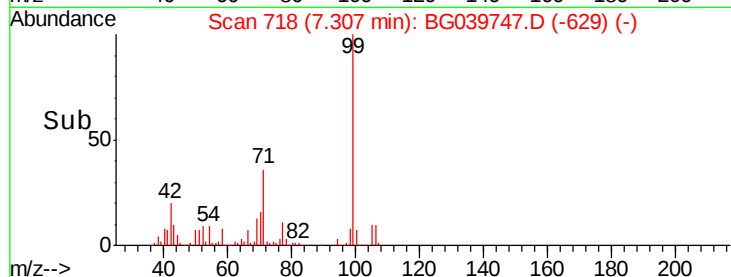
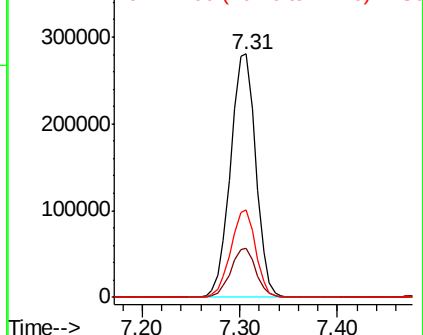
99 100

42 20.4 18.2 27.2

71 36.0 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: 43.311 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

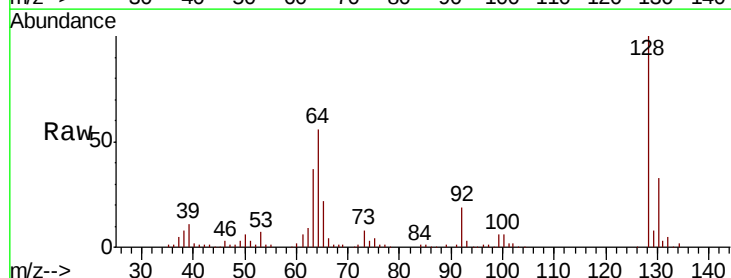
Tgt Ion: 128 Resp: 131360

Ion Ratio Lower Upper

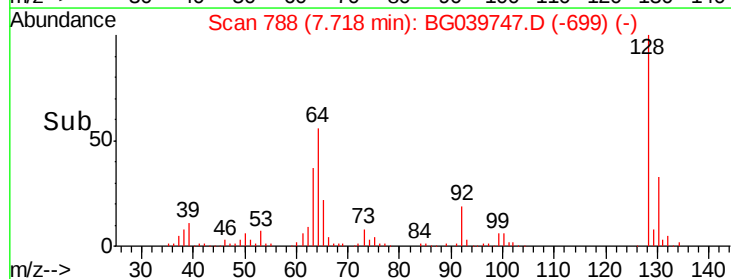
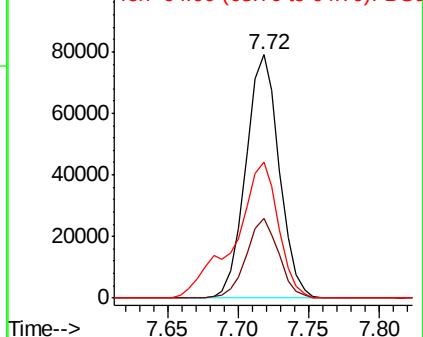
128 100

130 32.9 12.9 52.9

64 55.7 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: 34.646 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039747.D

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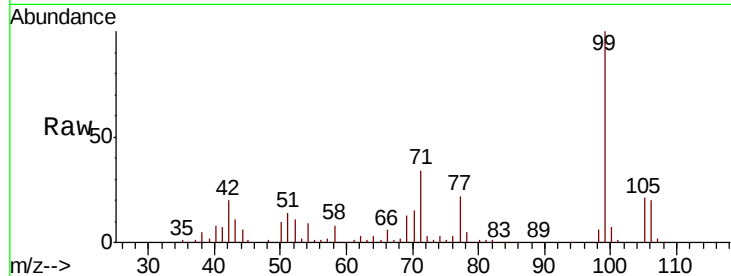
Tgt Ion: 77 Resp: 83308

Ion Ratio Lower Upper

77 100

105 98.0 74.5 114.5

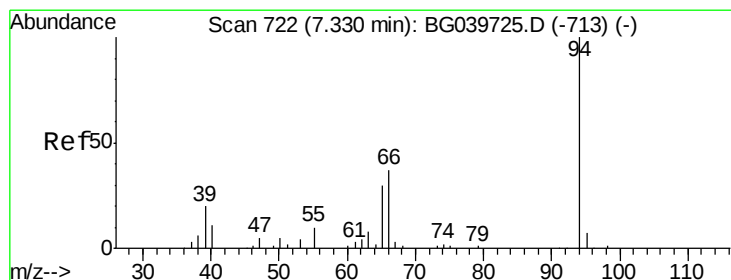
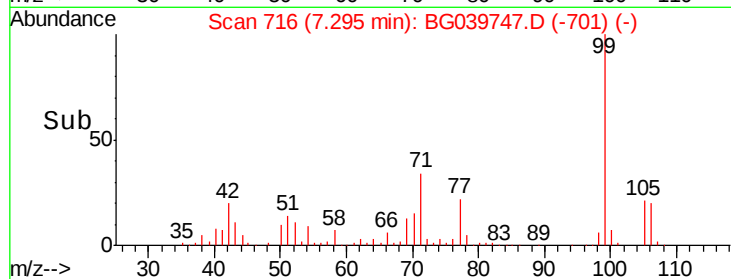
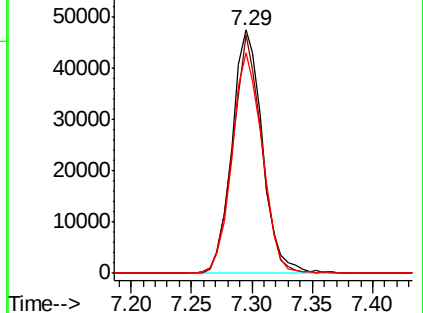
106 90.5 68.0 108.0



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: 44.084 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

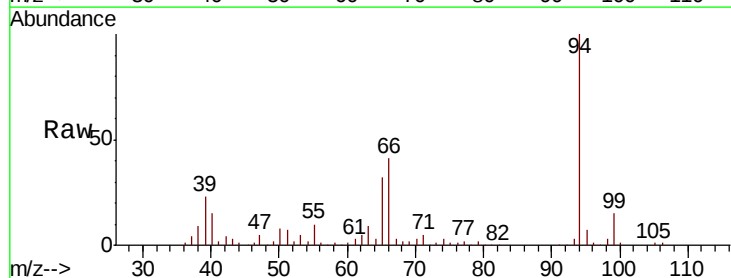
Tgt Ion: 94 Resp: 178020

Ion Ratio Lower Upper

94 100

65 31.9 11.7 51.7

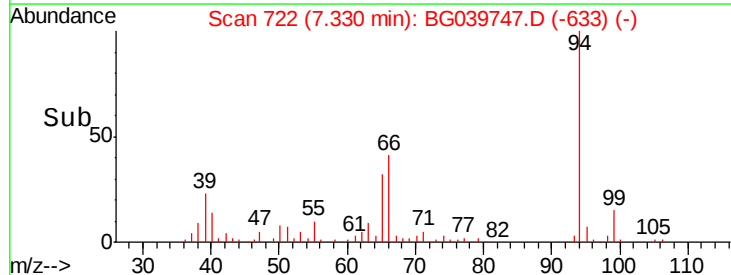
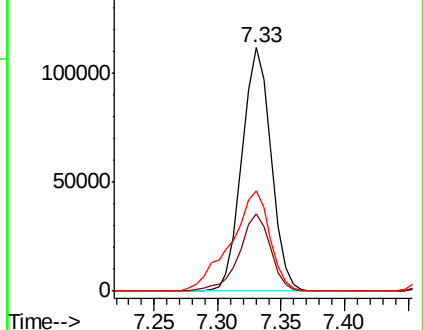
66 41.2 23.7 63.7

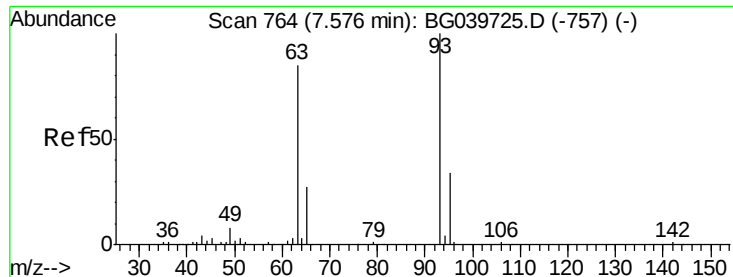


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

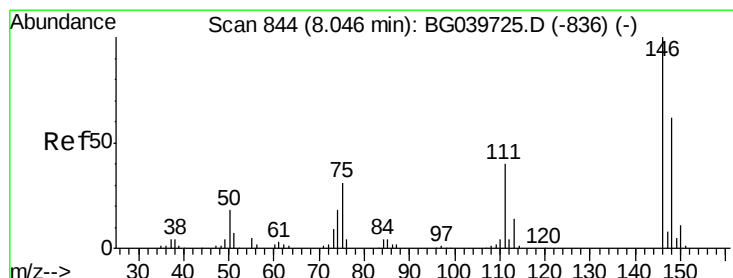
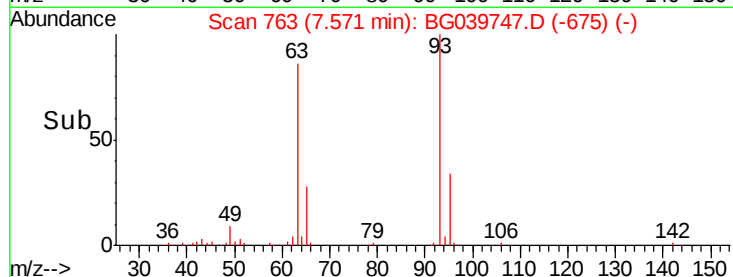
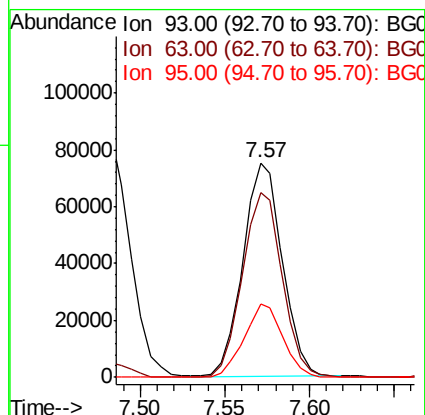
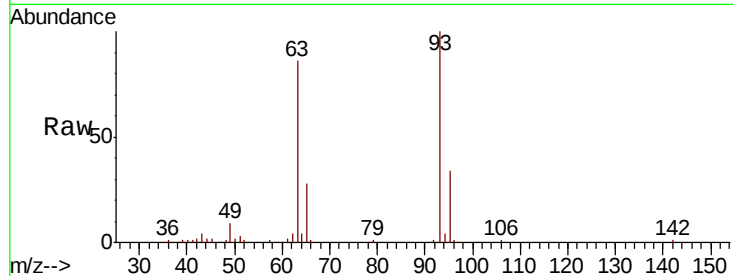




#11
bis(2-Chloroethyl)ether
Concen: 38.559 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

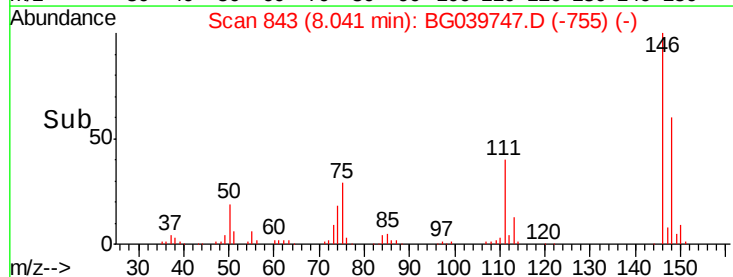
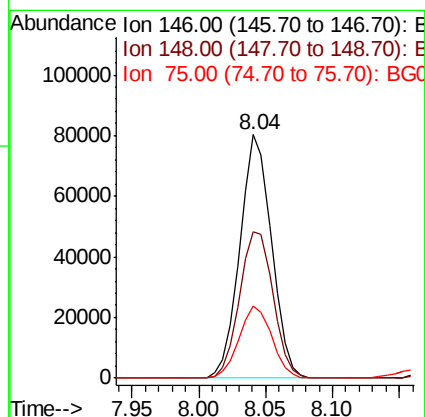
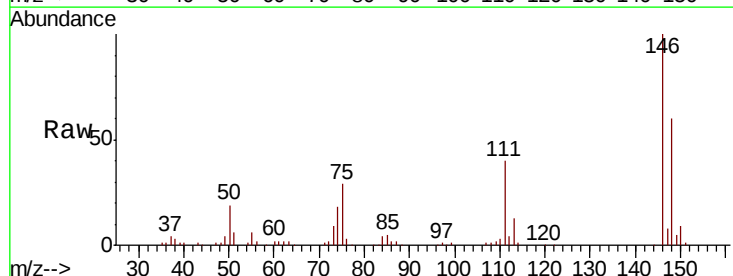
Instrument :
BNA_G
ClientSampleId :
PB117574BS

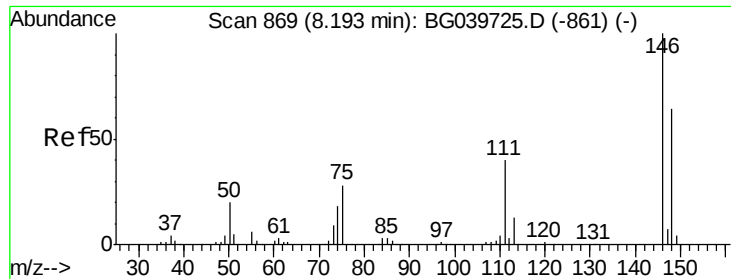
Tgt Ion: 93 Resp: 121403
Ion Ratio Lower Upper
93 100
63 86.3 69.5 109.5
95 34.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.413 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion: 146 Resp: 131763
Ion Ratio Lower Upper
146 100
148 60.3 52.6 79.0
75 29.4 25.8 38.6

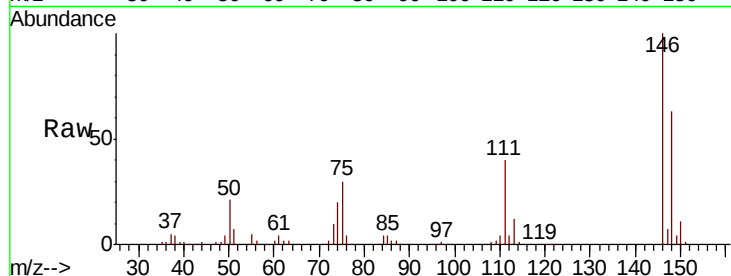




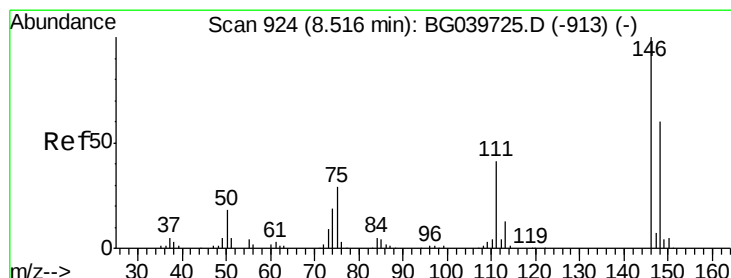
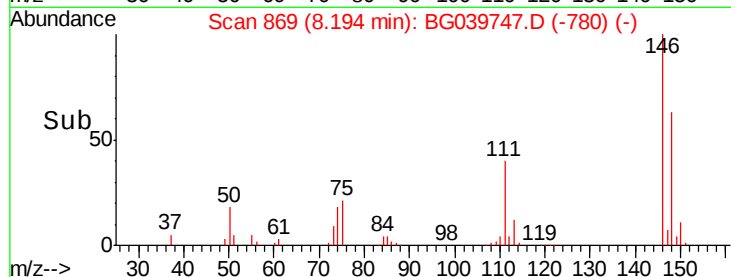
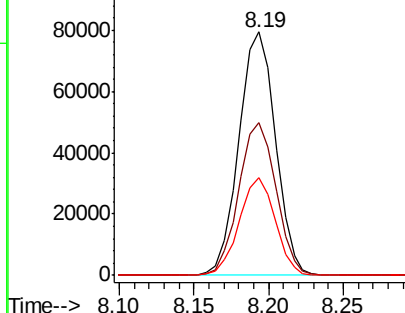
#13
 1,4-Dichlorobenzene
 Concen: 38.614 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion:146 Resp: 134917
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.1 76.7
 111 40.2 32.6 48.8

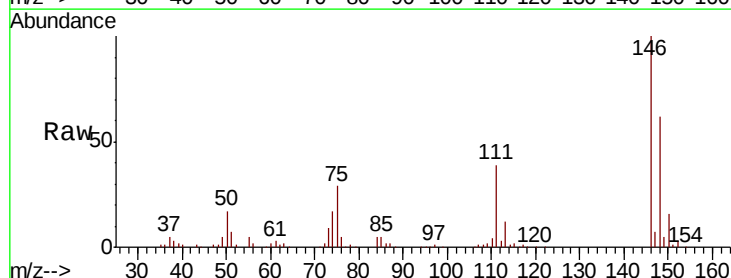


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

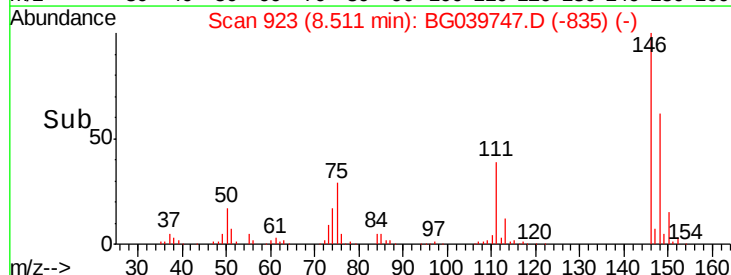
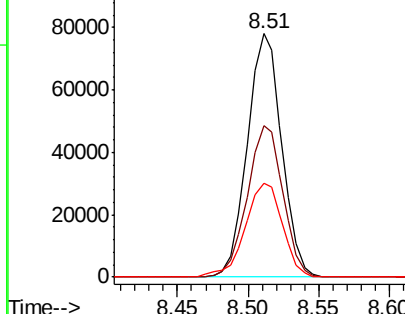


#14
 1,2-Dichlorobenzene
 Concen: 39.461 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion:146 Resp: 133212
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.5 77.3
 111 38.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 41.577 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

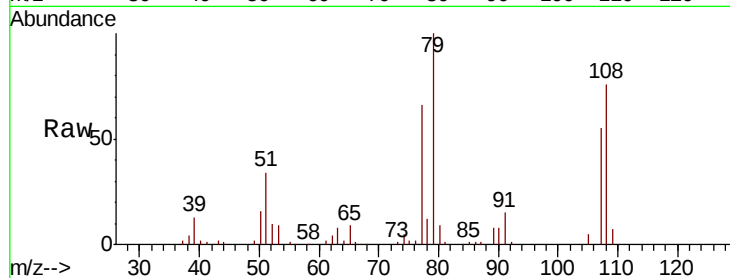
Tgt Ion: 79 Resp: 122941

Ion Ratio Lower Upper

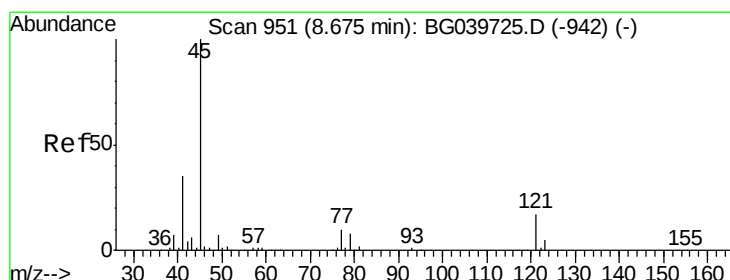
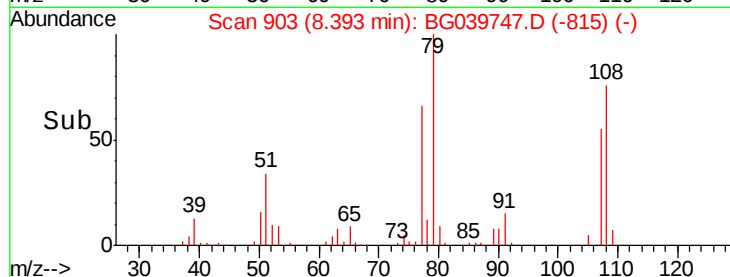
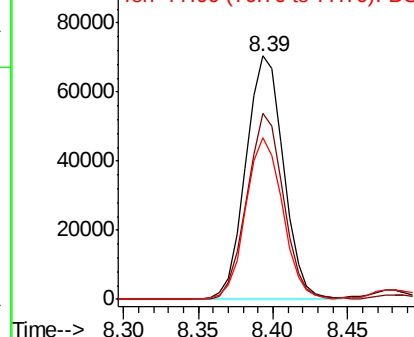
79 100

108 76.2 57.8 86.6

77 66.4 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.090 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

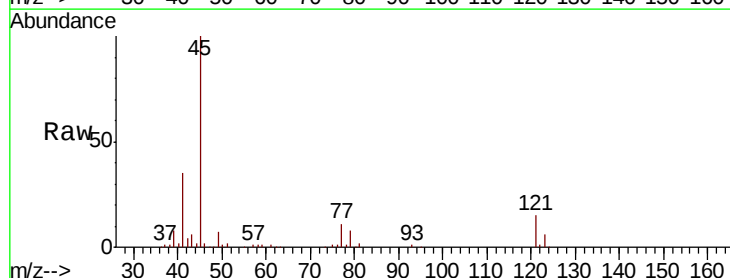
Tgt Ion: 45 Resp: 239851

Ion Ratio Lower Upper

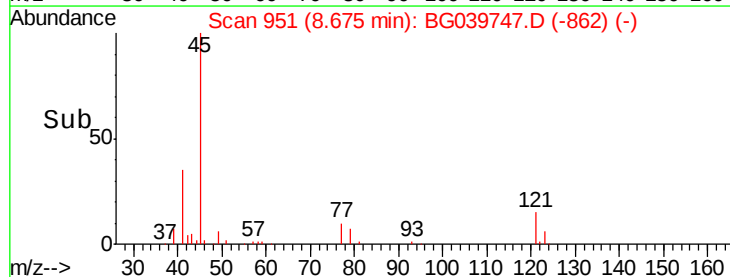
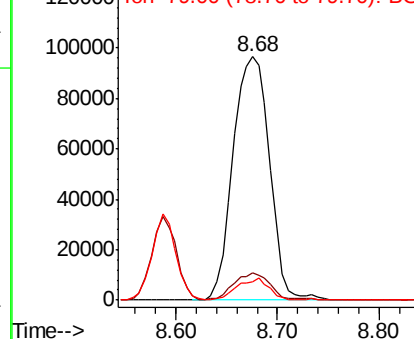
45 100

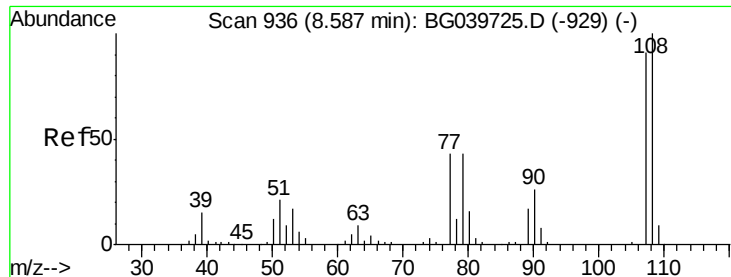
77 11.1 0.0 30.0

79 7.7 0.0 27.5



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

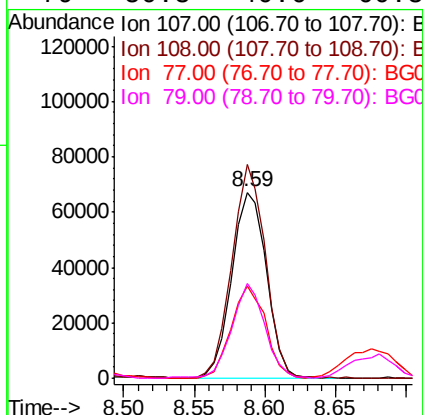
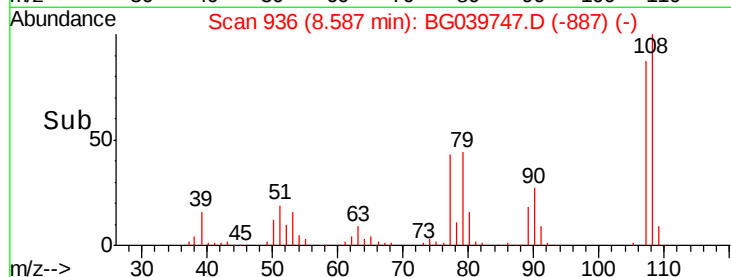
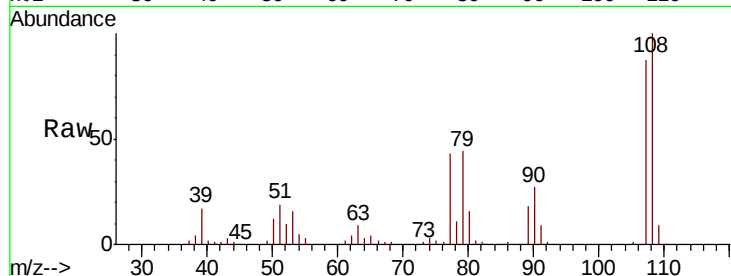




#17
2-Methylphenol
Concen: 44.864 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

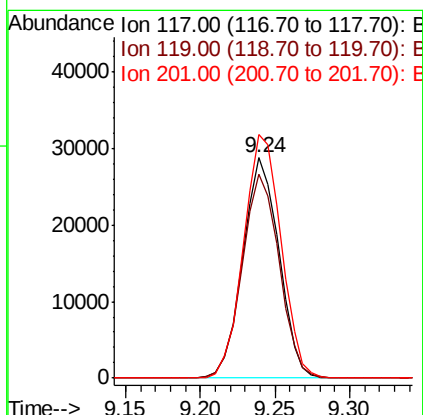
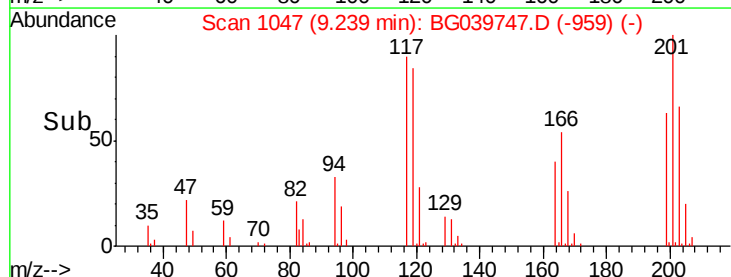
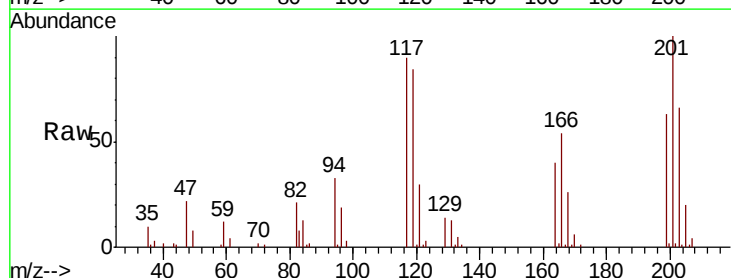
Instrument :
BNA_G
ClientSampleId :
PB117574BS

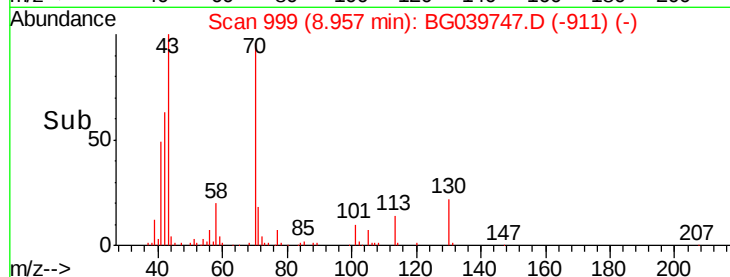
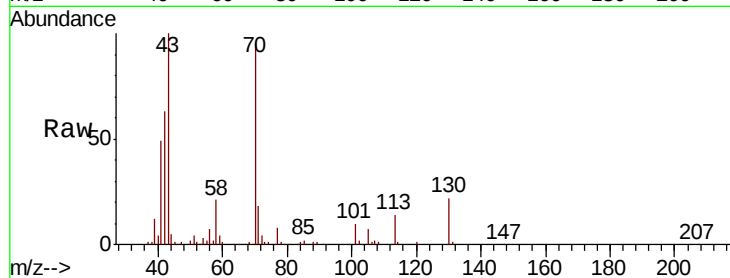
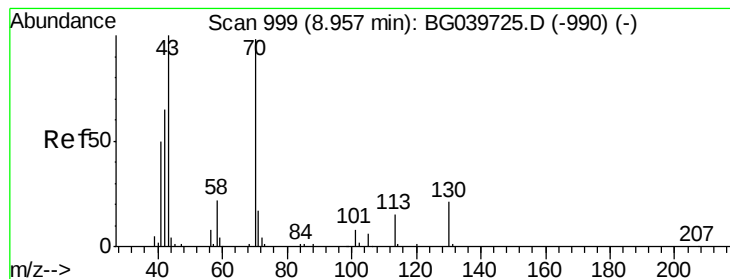
Tgt Ion:	107	Resp:	115520
Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.8	136.2
77	49.6	40.7	61.1
79	50.8	40.6	60.8



#18
Hexachloroethane
Concen: 38.528 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:	117	Resp:	48302
Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.3	114.5
201	110.6	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.894 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

Tgt Ion: 70 Resp: 101672

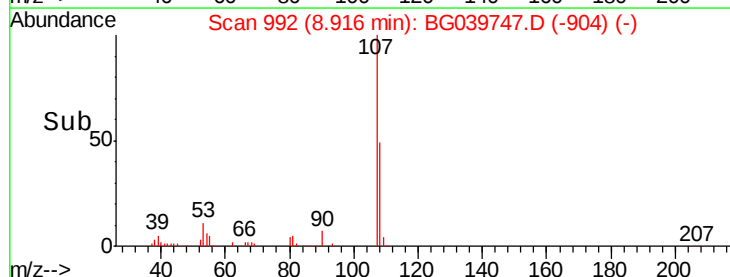
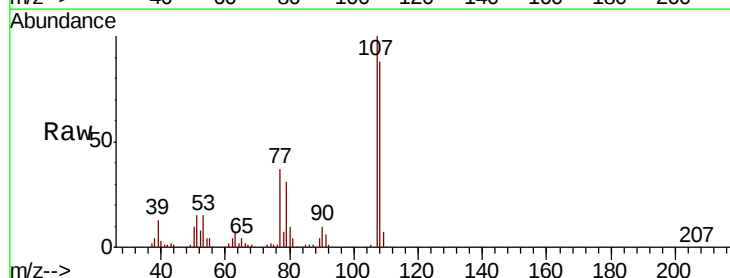
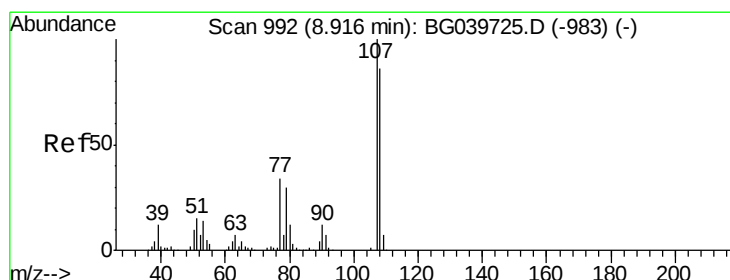
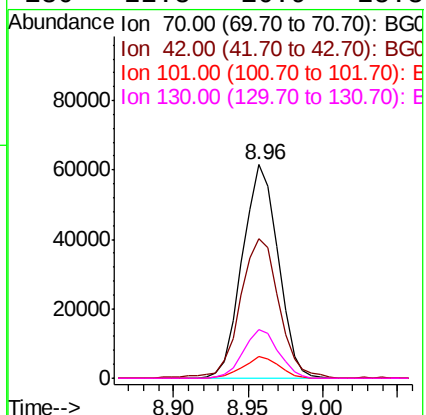
Ion Ratio Lower Upper

70 100

42 65.5 60.4 90.6

101 10.0 7.5 11.3

130 22.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 44.573 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion: 107 Resp: 159445

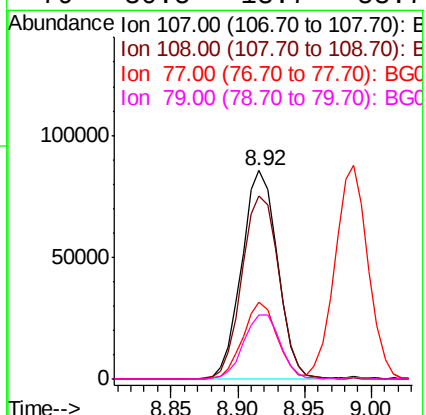
Ion Ratio Lower Upper

107 100

108 87.9 67.9 107.9

77 36.6 15.4 55.4

79 30.5 13.7 53.7

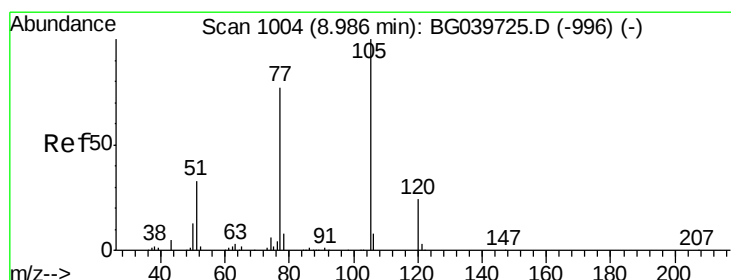
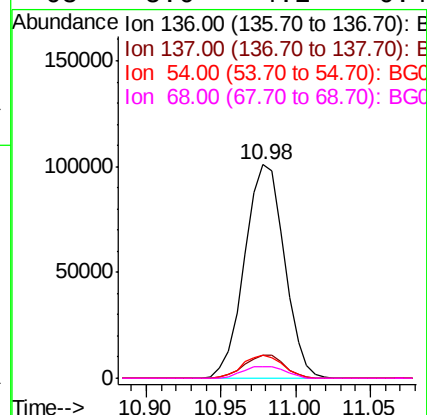
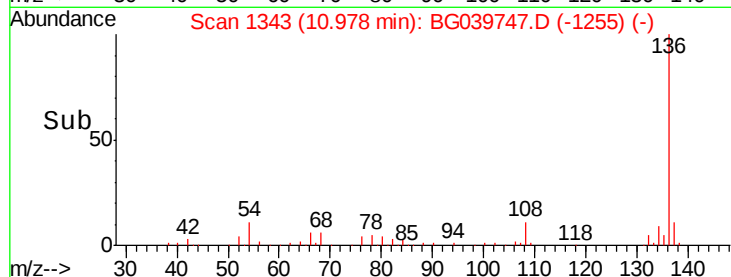
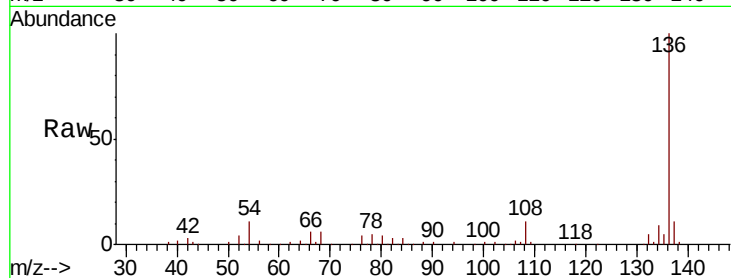




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

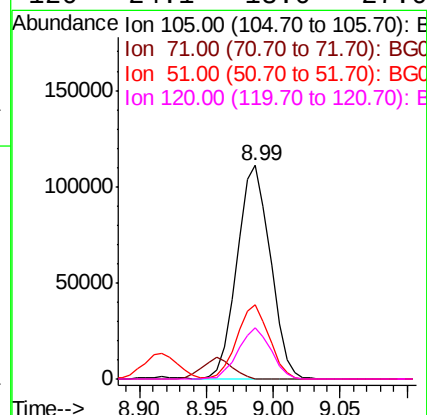
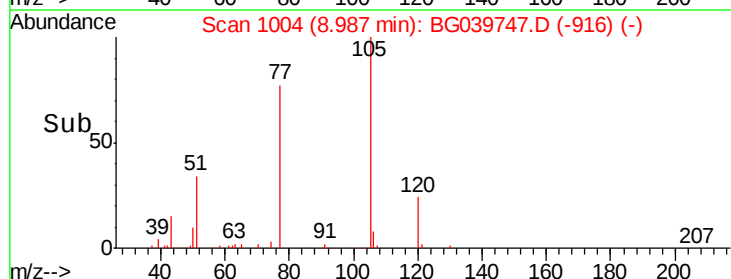
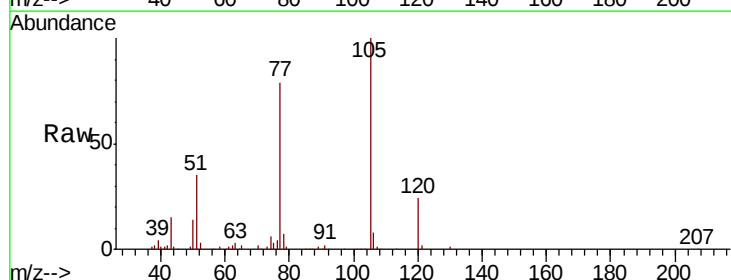
Instrument :
BNA_G
ClientSampleId :
PB117574BS

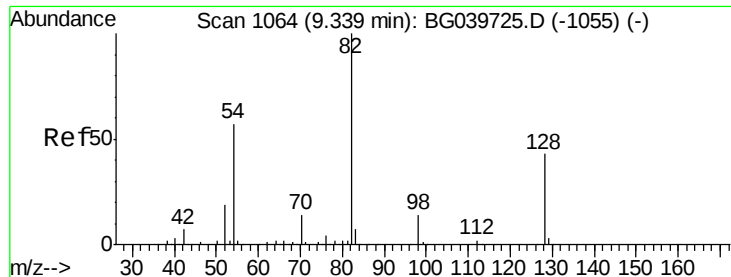
Tgt Ion:	136	Resp:	185926
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.6	9.4	14.2
68	5.6	4.2	6.4



#22
Acetophenone
Concen: 38.285 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:	105	Resp:	191051
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	34.6	30.2	45.2
120	24.1	18.0	27.0

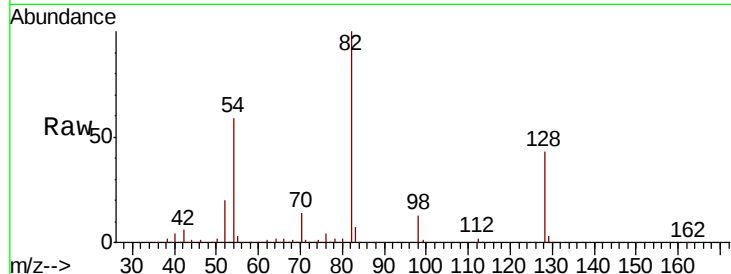




#23
 Nitrobenzene-d5
 Concen: 79.280 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	58.6	50.9	76.3

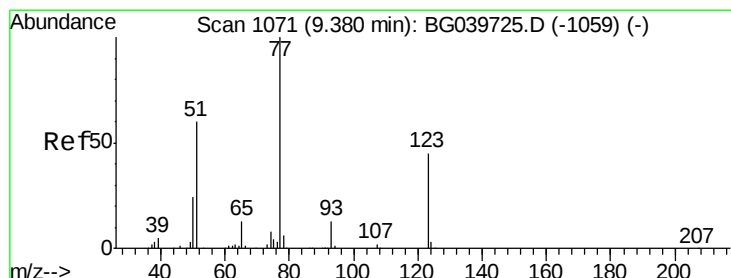
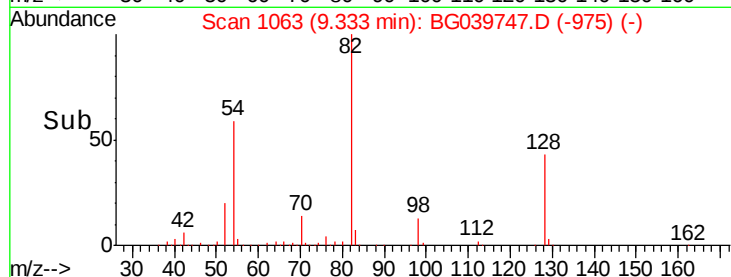
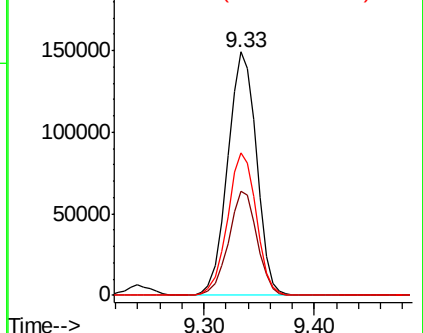


Abundance

Ion 82.00 (81.70 to 82.70): BGC

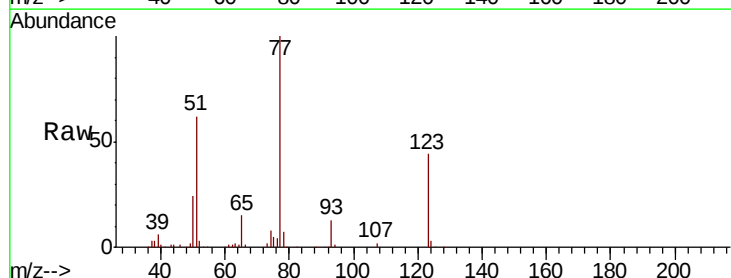
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 41.185 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	34.1	51.1
65	14.8	12.3	18.5

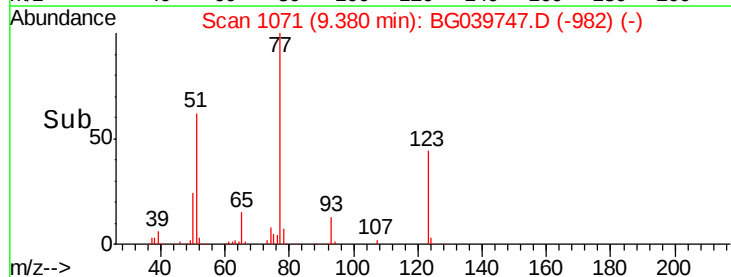
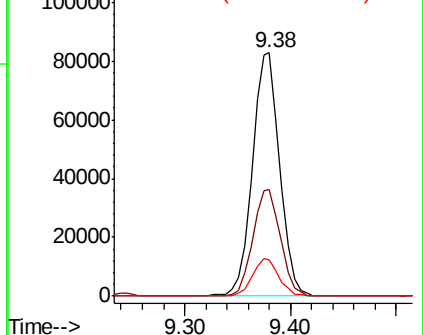


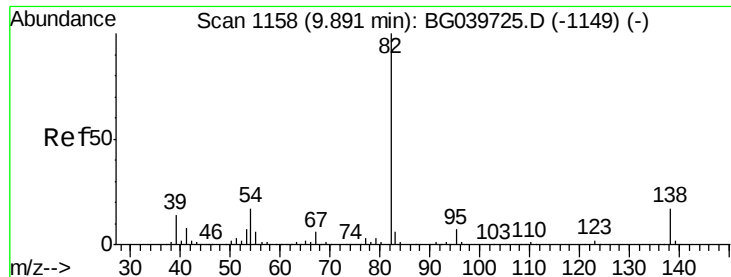
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

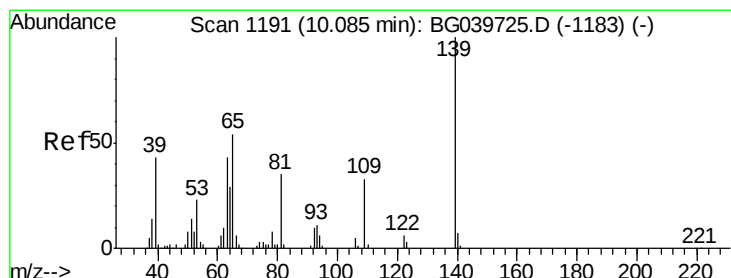
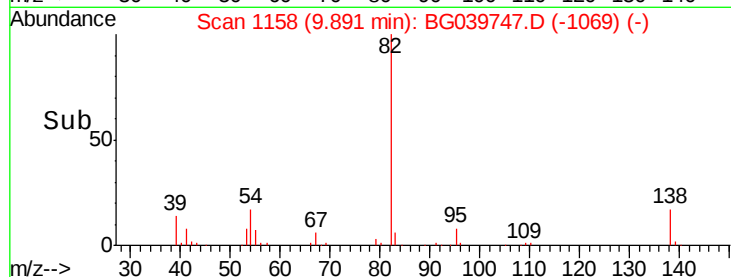
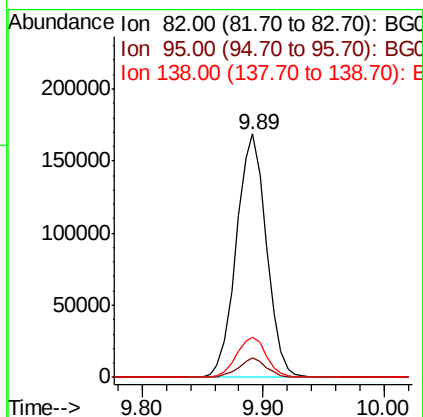
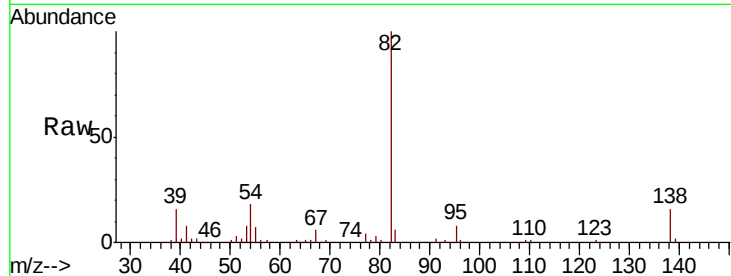




#25
Isophorone
Concen: 40.665 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

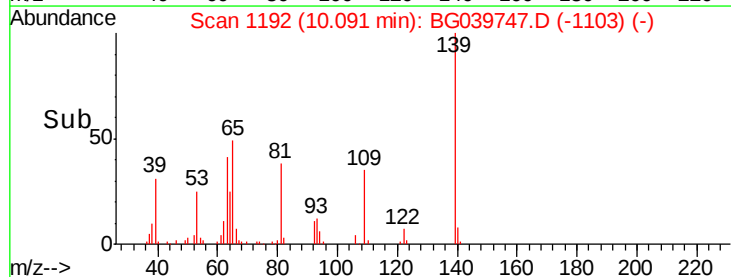
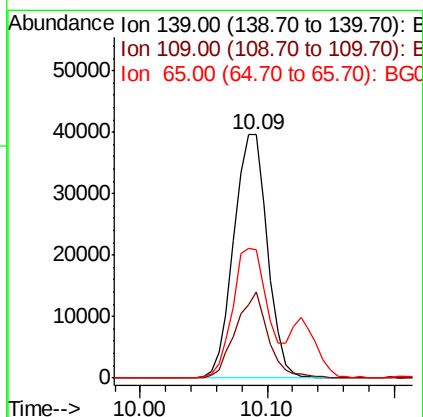
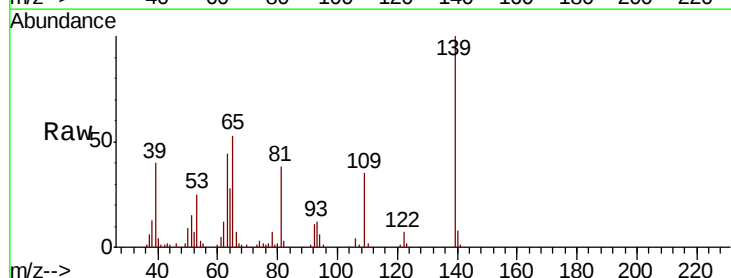
Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion: 82 Resp: 292918
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.2
138 16.3 13.0 19.4



#26
2-Nitrophenol
Concen: 41.646 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion: 139 Resp: 72517
Ion Ratio Lower Upper
139 100
109 35.4 23.4 35.0#
65 52.9 44.3 66.5

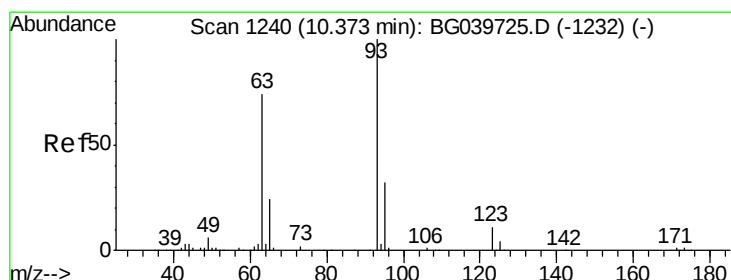
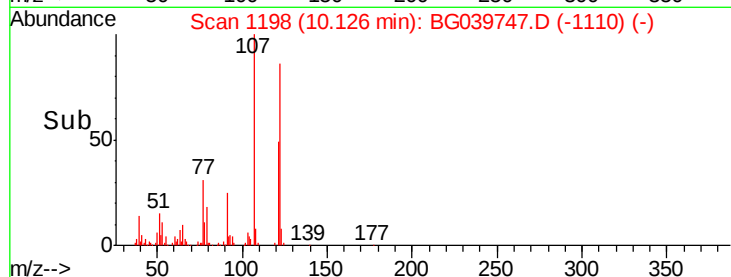
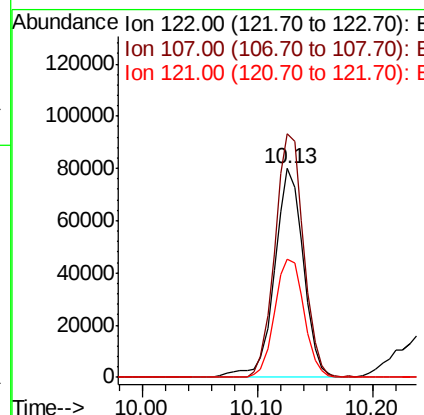
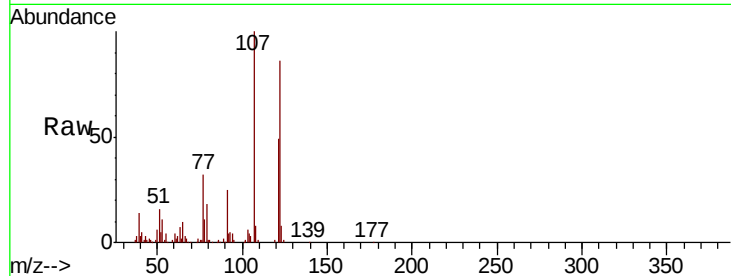




#27
 2,4-Dimethylphenol
 Concen: 51.372 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

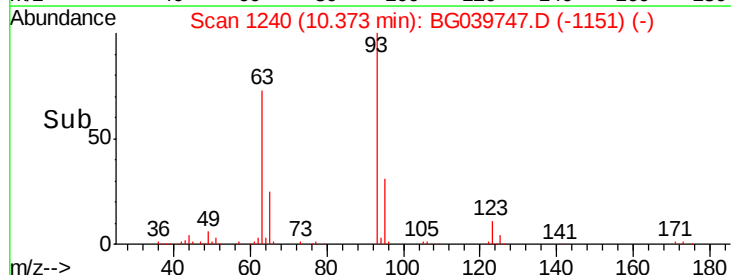
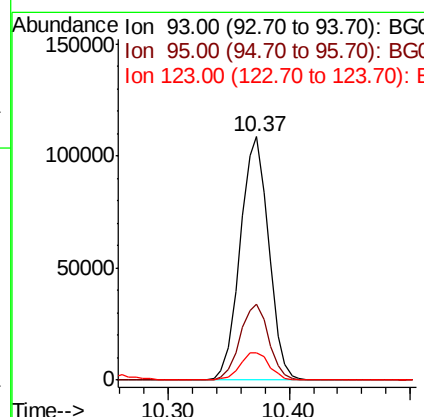
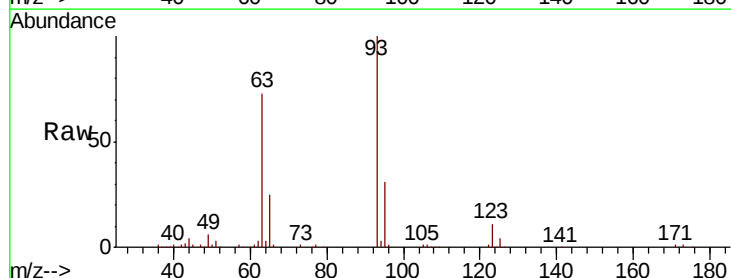
Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

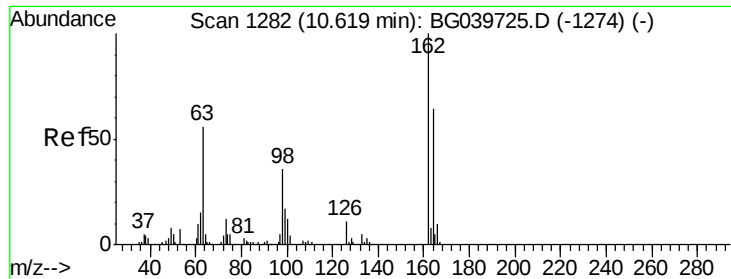
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.6	91.7	137.5
121	56.6	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.955 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.0	37.4
123	11.4	8.6	12.8

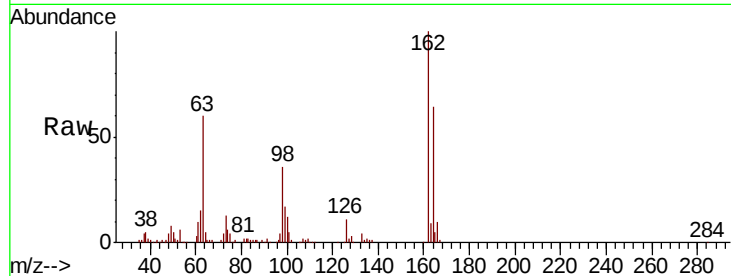




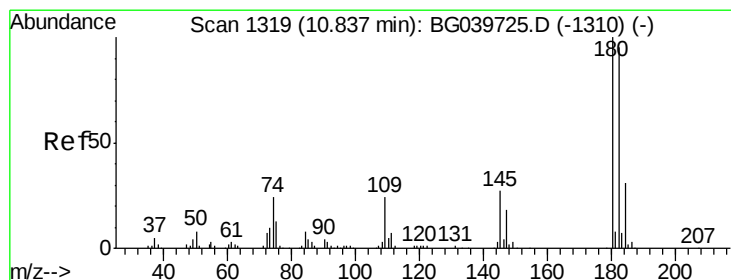
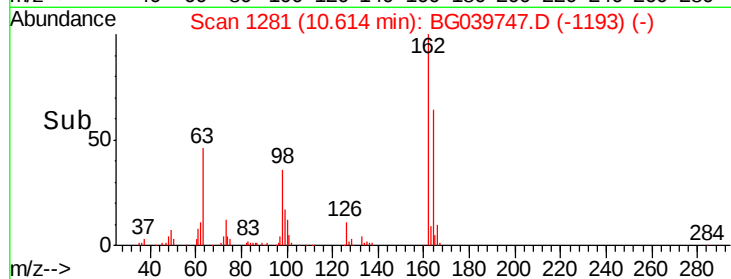
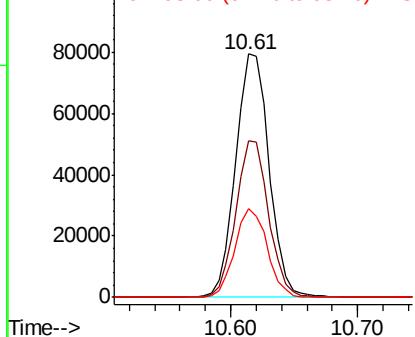
#29
2,4-Dichlorophenol
Concen: 47.450 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:162 Resp: 144677
Ion Ratio Lower Upper
162 100
164 64.4 48.1 88.1
98 36.3 18.1 58.1

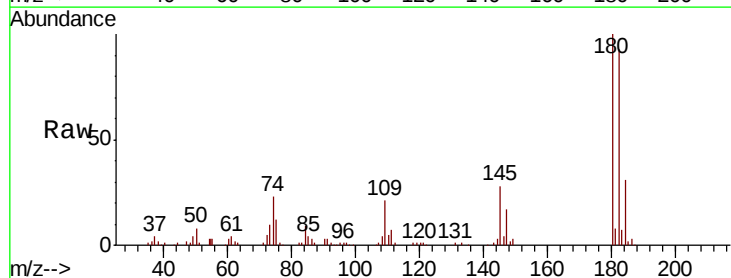


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

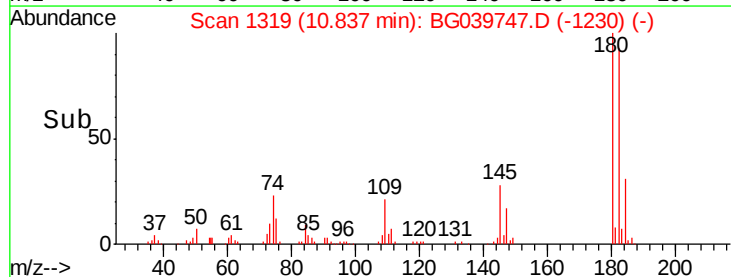
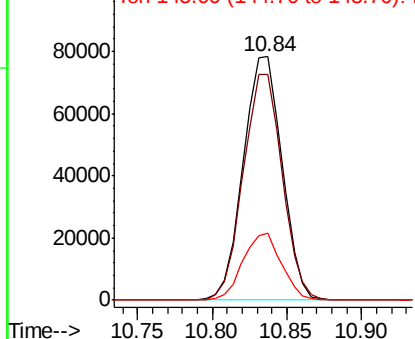


#30
1,2,4-Trichlorobenzene
Concen: 41.078 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:180 Resp: 140936
Ion Ratio Lower Upper
180 100
182 92.9 76.0 114.0
145 27.6 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

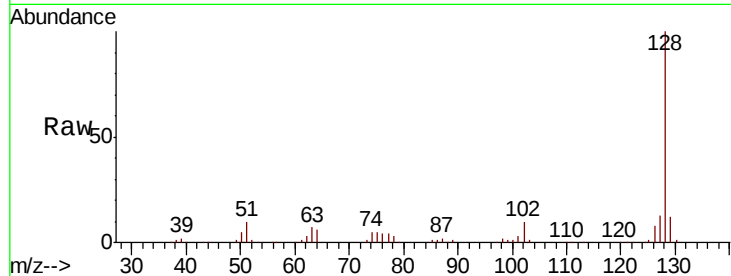




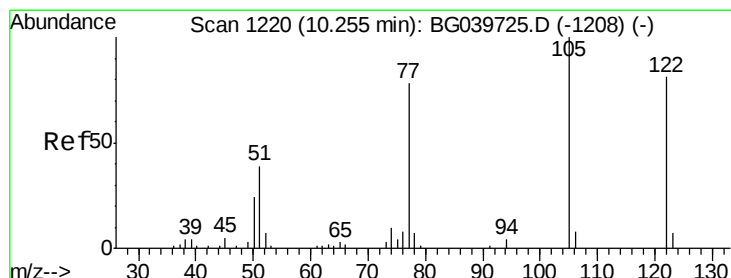
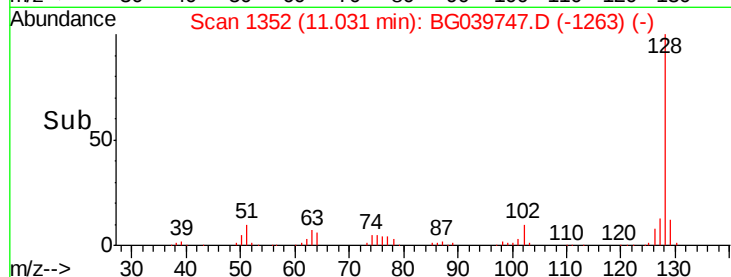
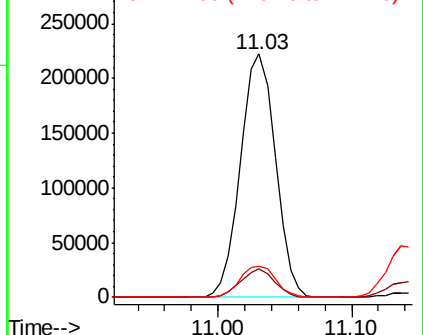
#31
Naphthalene
Concen: 40.923 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:128 Resp: 402842
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 12.8 10.8 16.2

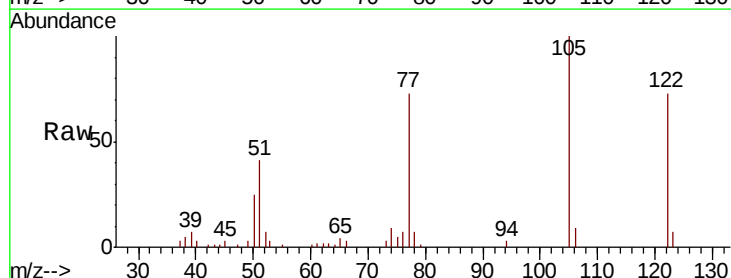


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

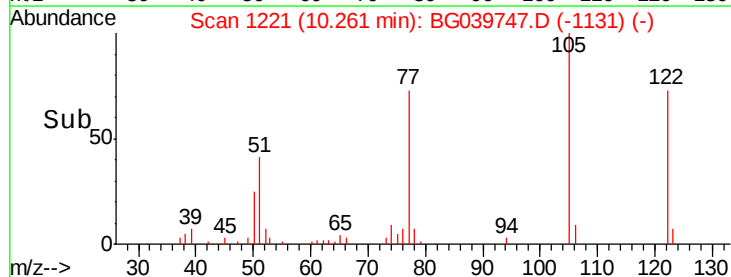
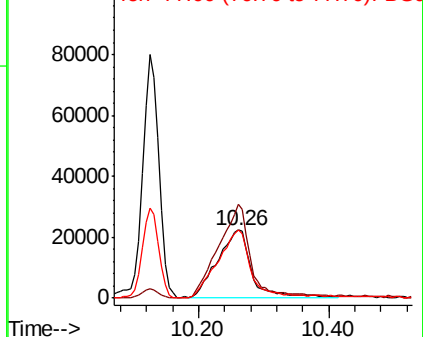


#32
Benzoic acid
Concen: 44.597 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:122 Resp: 81916
Ion Ratio Lower Upper
122 100
105 137.2 101.8 141.8
77 100.6 76.3 116.3



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

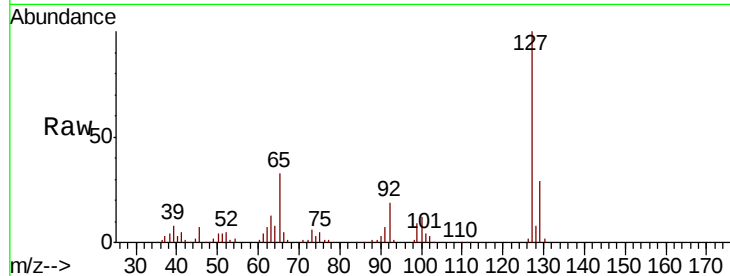




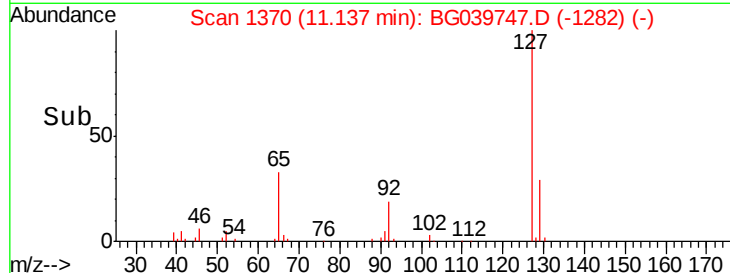
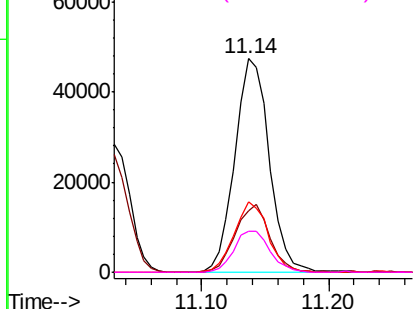
#33
4-Chloroaniline
Concen: 21.344 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:	127	Resp:	89097
Ion	Ratio	Lower	Upper
127	100		
129	29.0	27.0	40.4
65	33.2	28.8	43.2
92	19.3	16.6	25.0

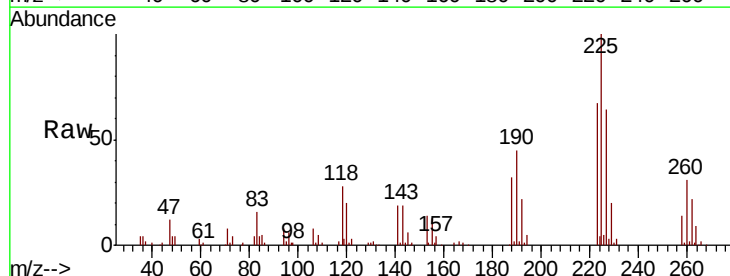


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

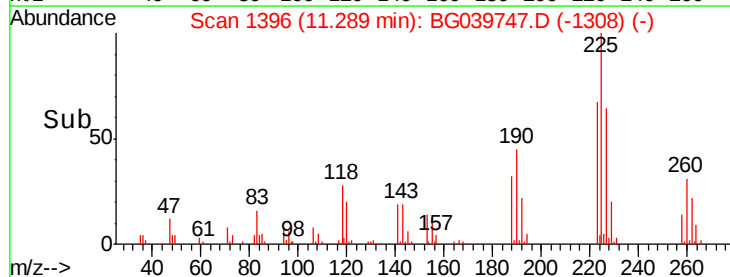
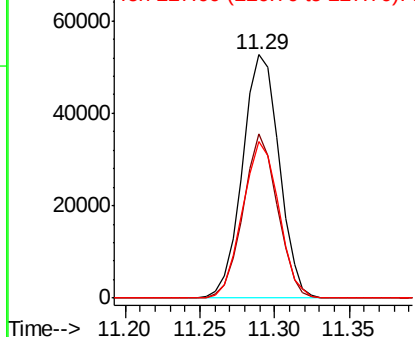


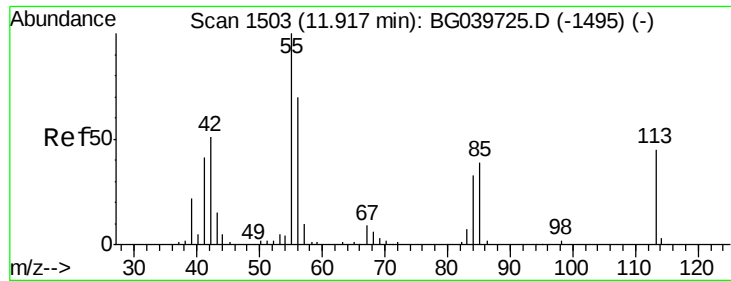
#34
Hexachlorobutadiene
Concen: 38.233 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:	225	Resp:	89638
Ion	Ratio	Lower	Upper
225	100		
223	67.3	49.0	73.6
227	64.5	46.3	69.5



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

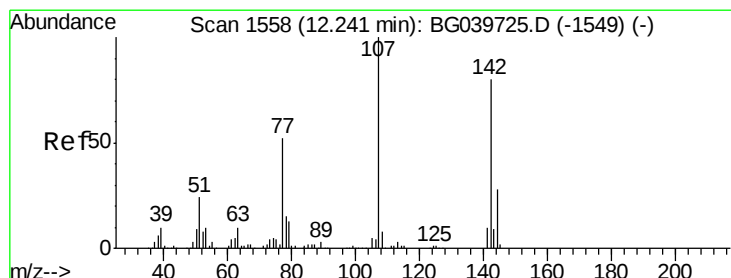
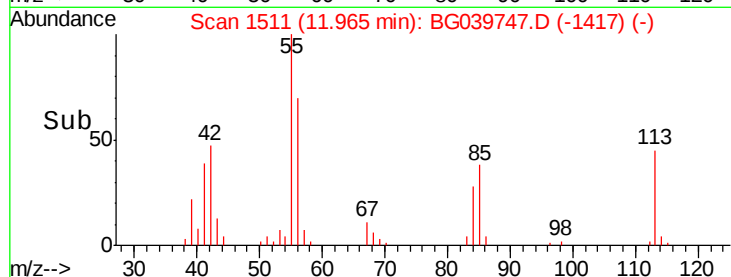
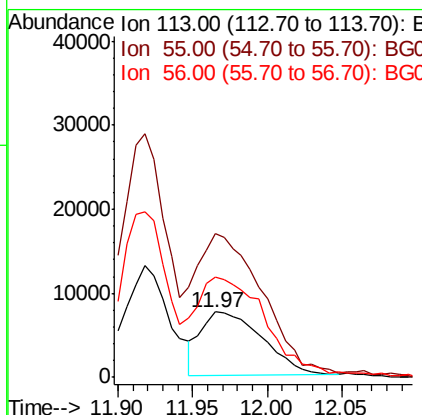
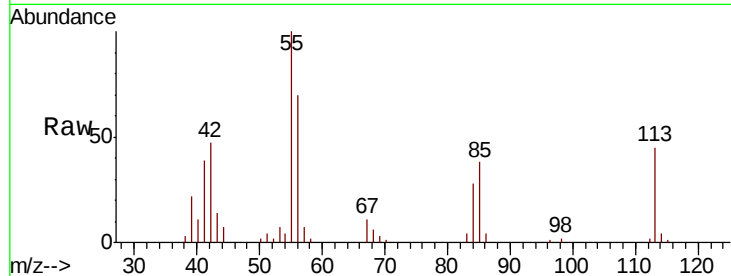




#35
 Caprolactam
 Concen: 18.412 ng
 RT: 11.97 min Scan# 1511
 Delta R.T. 0.02 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

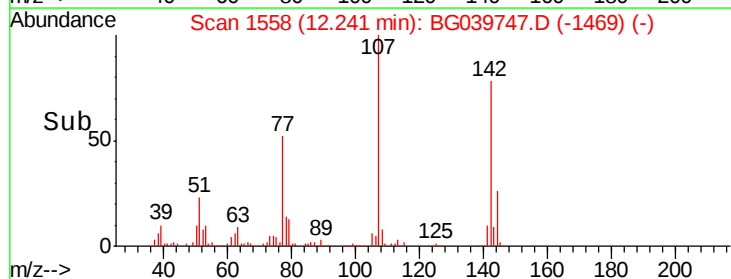
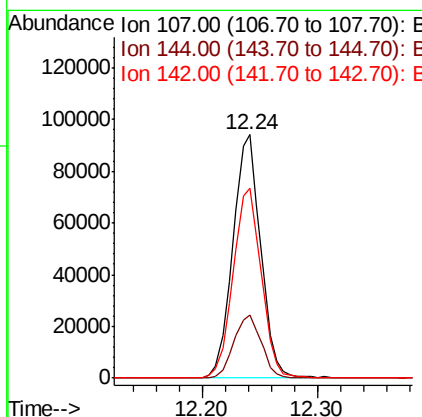
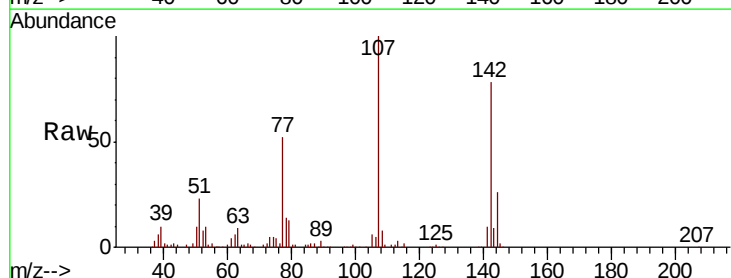
Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

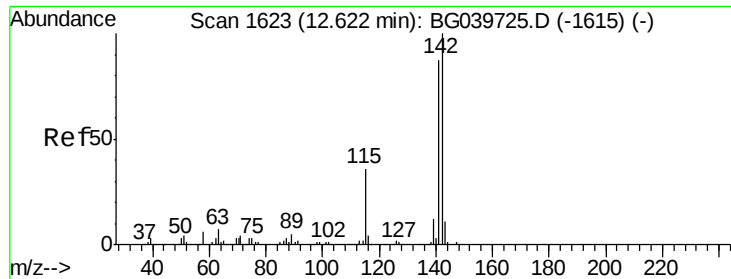
Tgt Ion:113 Resp: 21445
 Ion Ratio Lower Upper
 113 100
 55 220.8 216.9 256.9
 56 154.6 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.874 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion:107 Resp: 156842
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 77.7 61.4 92.2

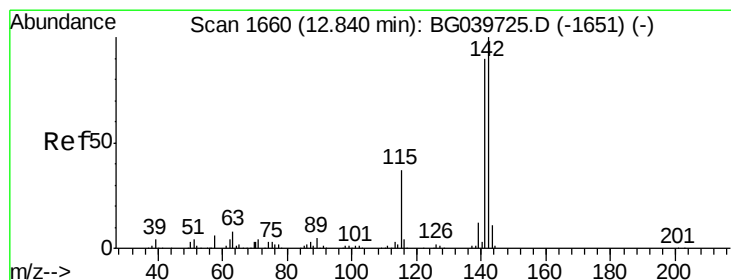
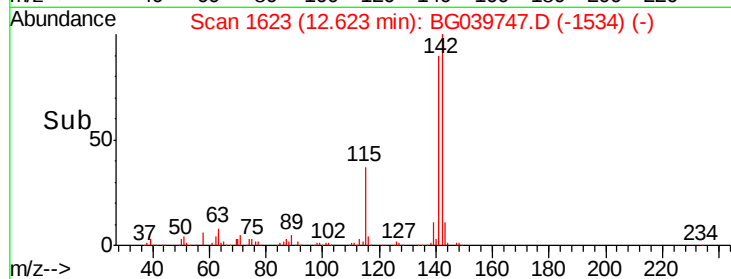
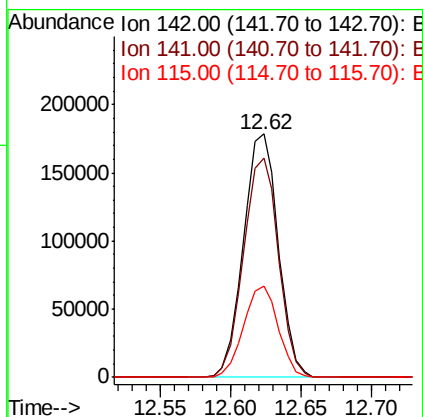
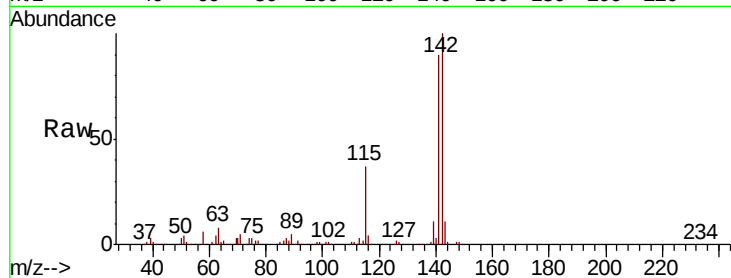




#37
 2-Methylnaphthalene
 Concen: 41.939 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

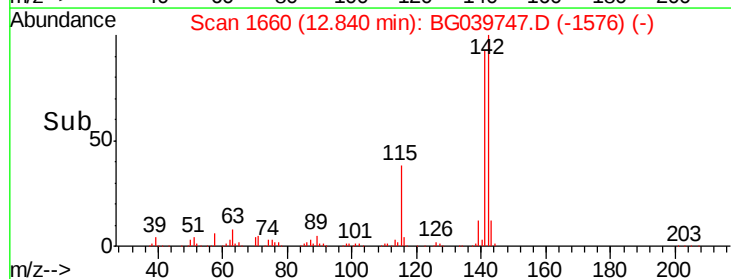
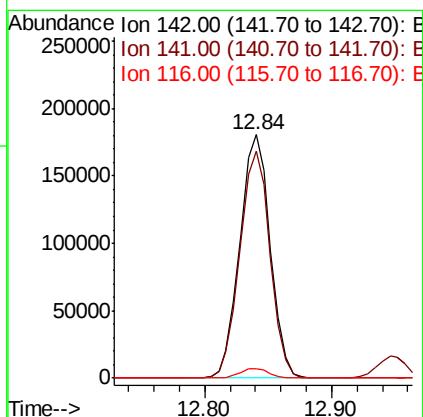
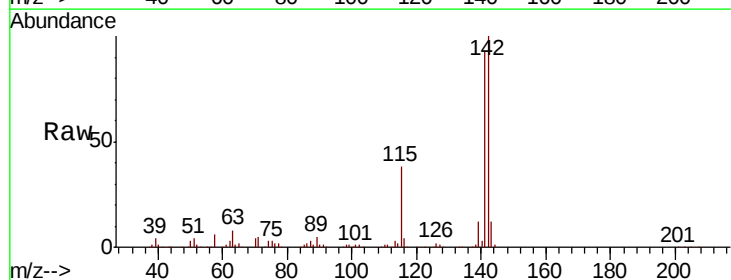
Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.5	110.3
115	37.5	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 41.825 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	4.0	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: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

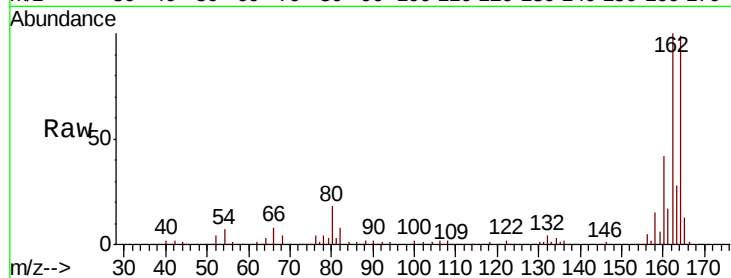
Tgt Ion:164 Resp: 130454

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

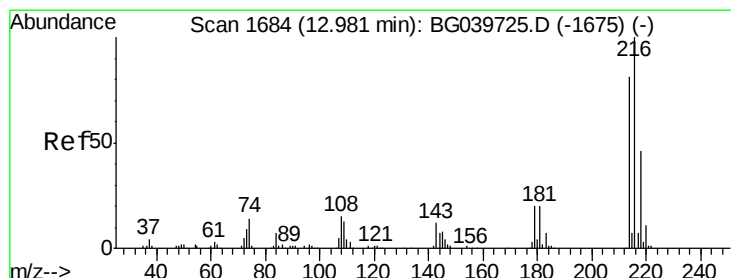
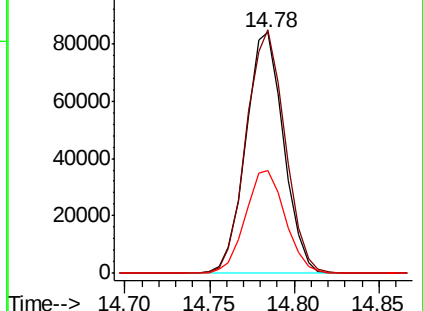
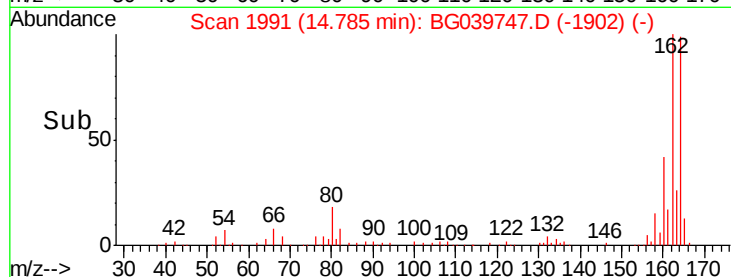
160 42.7 34.2 51.2



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: 38.450 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:216 Resp: 169926

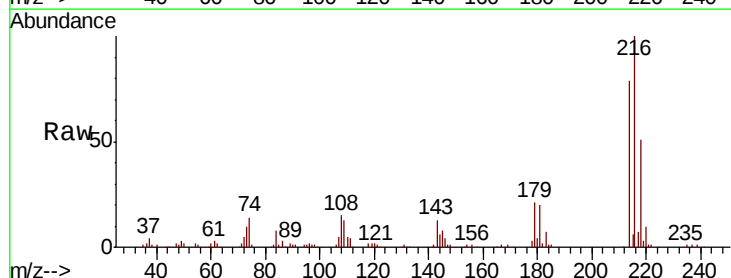
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 20.5 16.6 25.0

108 18.8 14.0 21.0

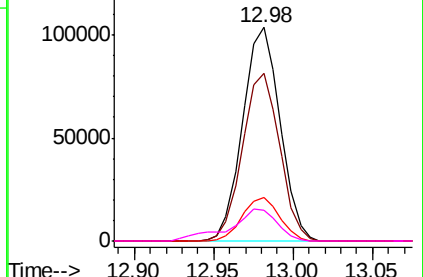
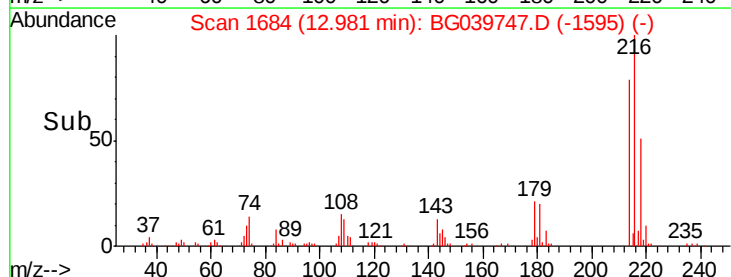


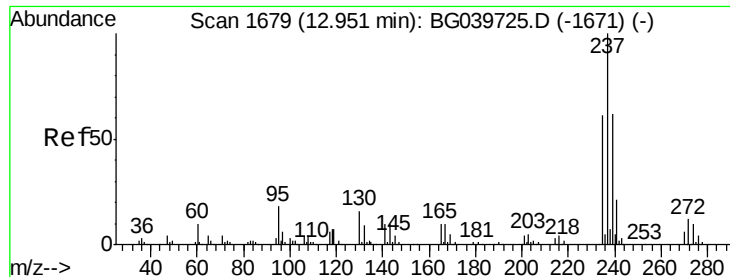
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.911 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

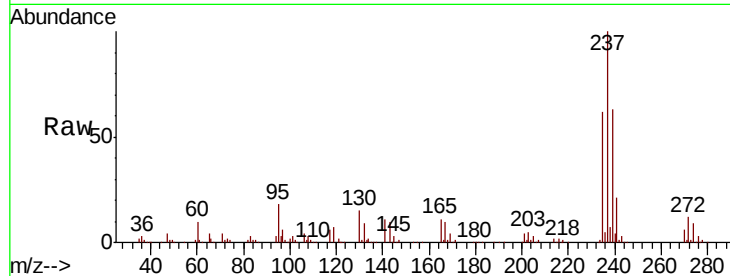
Tgt Ion: 237 Resp: 238999

Ion Ratio Lower Upper

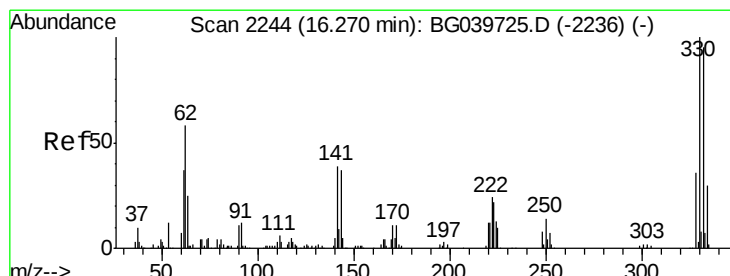
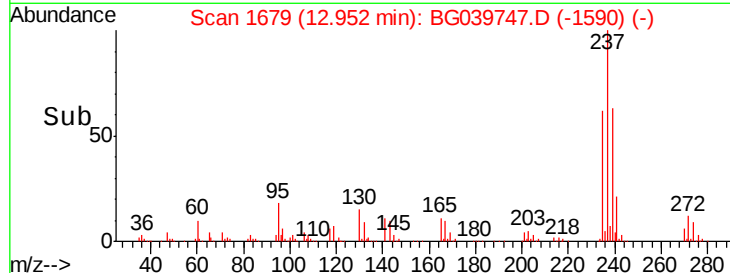
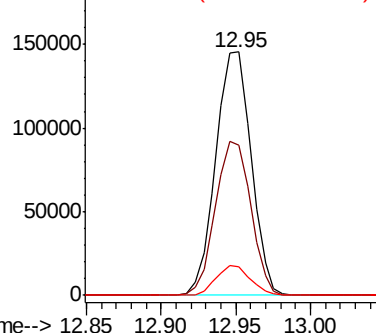
237 100

235 61.5 43.3 83.3

272 11.9 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: 134.480 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

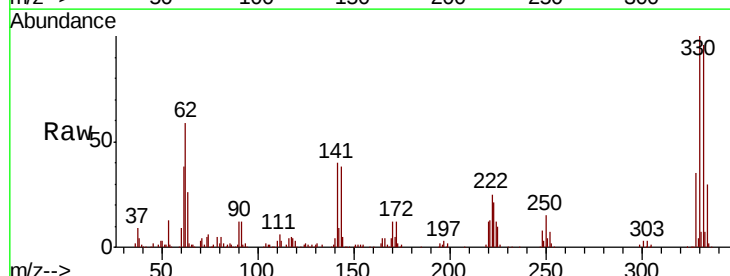
Tgt Ion: 330 Resp: 204482

Ion Ratio Lower Upper

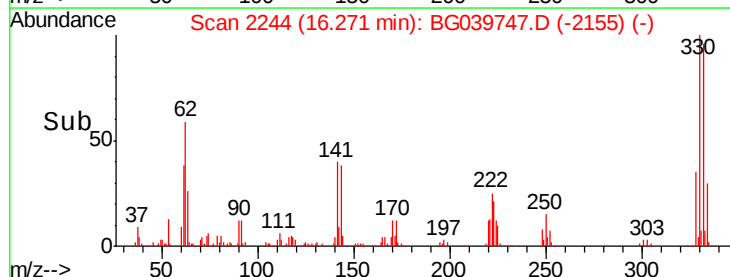
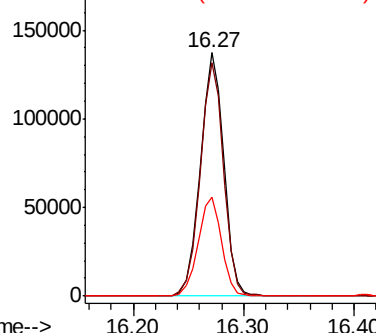
330 100

332 95.3 75.7 113.5

141 40.7 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

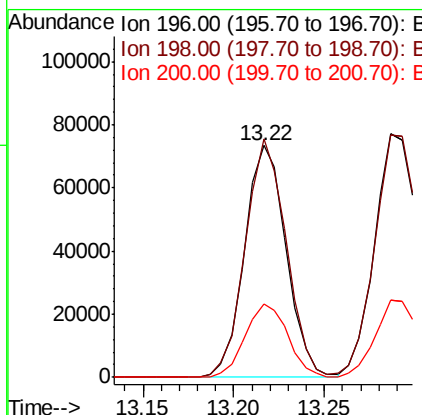
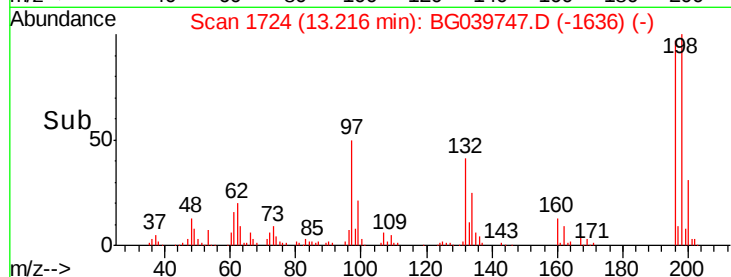
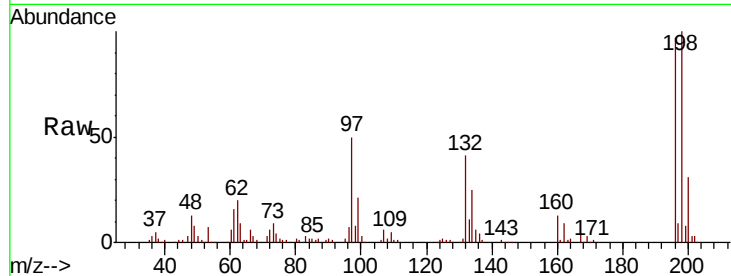




#43
 2,4,6-Trichlorophenol
 Concen: 45.627 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

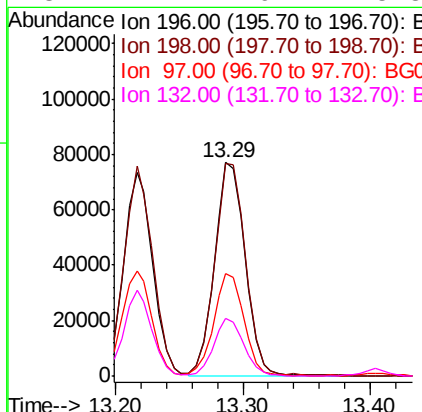
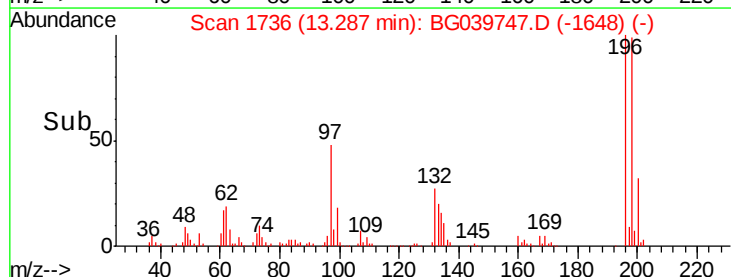
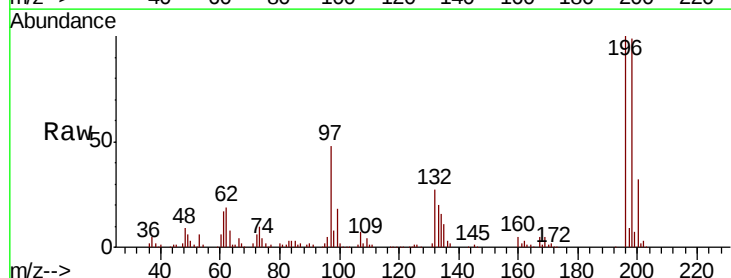
Instrument :
 BNA_G
 ClientSampleID :
 PB117574BS

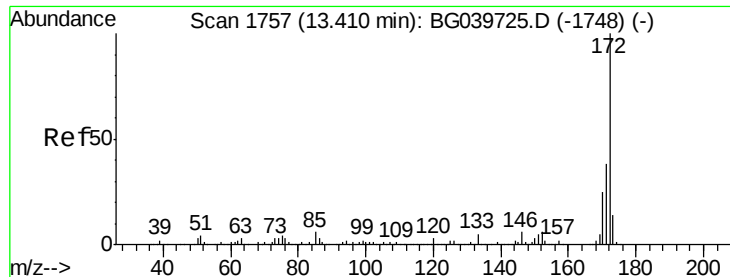
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.1	118056	80.6	121.0
200	31.7		26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.176 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128836		
198	99.5		78.5	117.7
97	48.1		38.4	57.6
132	27.1		19.2	28.8

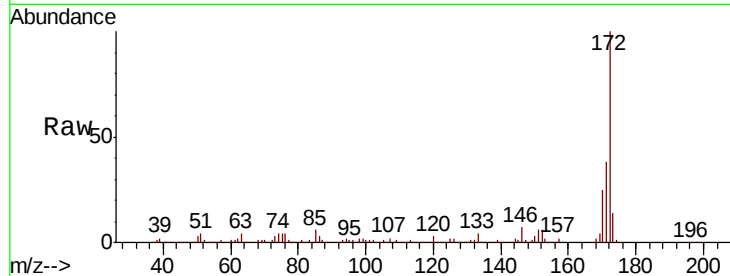




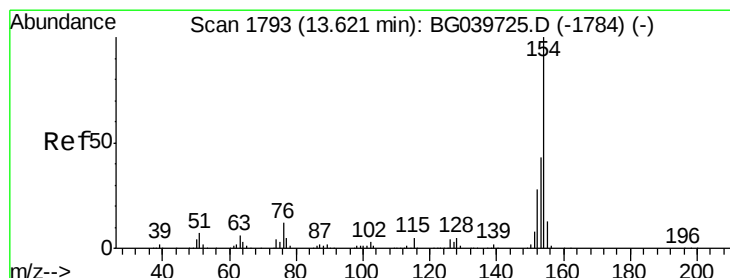
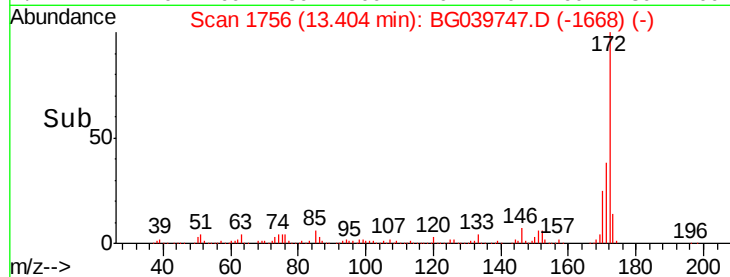
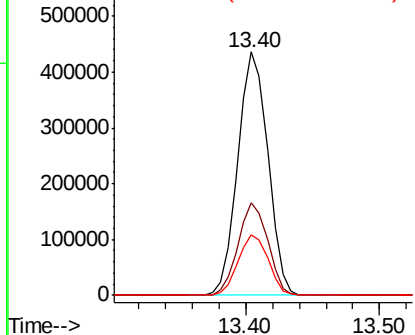
#45
2-Fluorobiphenyl
Concen: 74.258 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:172 Resp: 680362
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 24.7 20.2 30.4

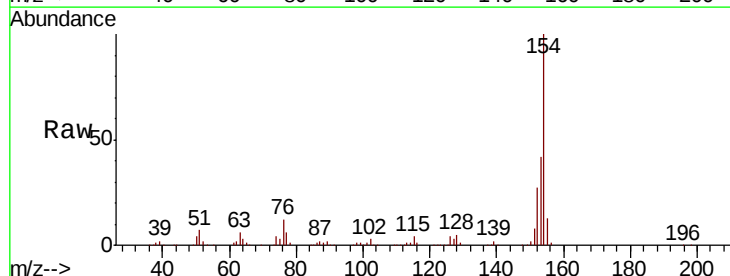


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

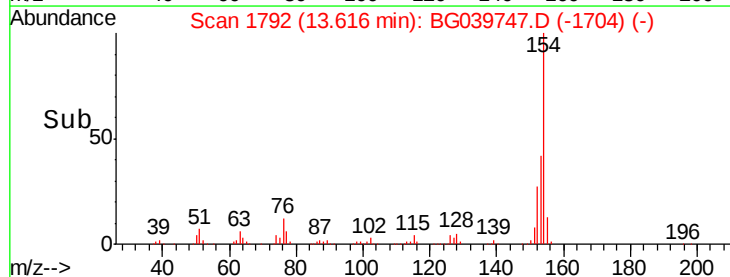
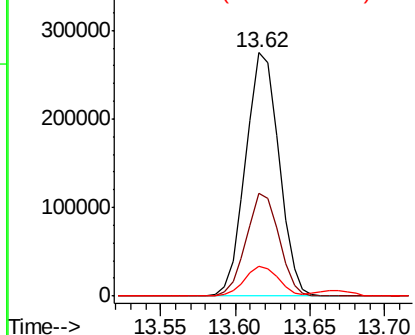


#46
1,1'-Biphenyl
Concen: 39.607 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:154 Resp: 424969
Ion Ratio Lower Upper
154 100
153 42.3 22.1 62.1
76 12.3 0.0 32.4



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





#47

2-Chloronaphthalene

Concen: 40.594 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

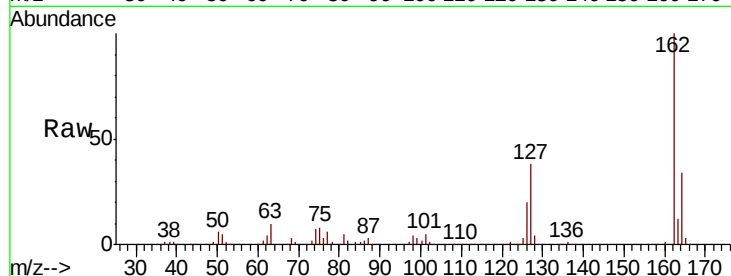
Tgt Ion: 162 Resp: 327665

Ion Ratio Lower Upper

162 100

127 37.7 31.0 46.6

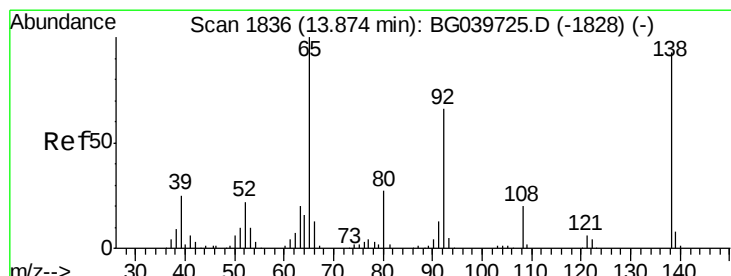
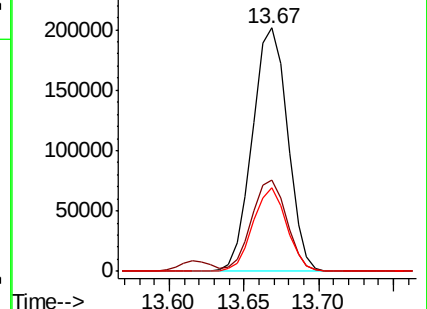
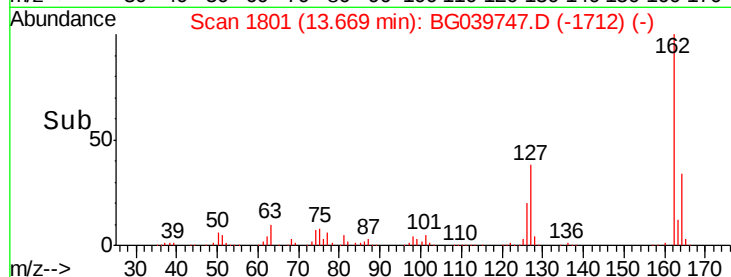
164 34.2 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.948 ng

RT: 13.87 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

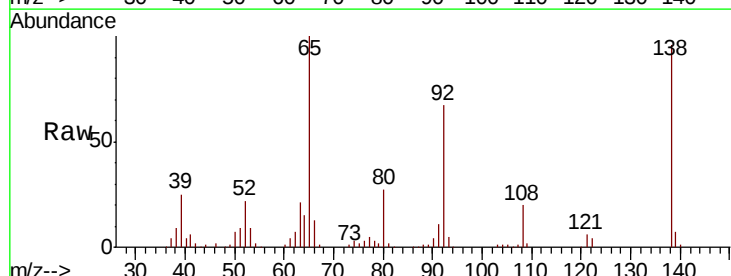
Tgt Ion: 65 Resp: 114003

Ion Ratio Lower Upper

65 100

92 66.9 51.4 77.2

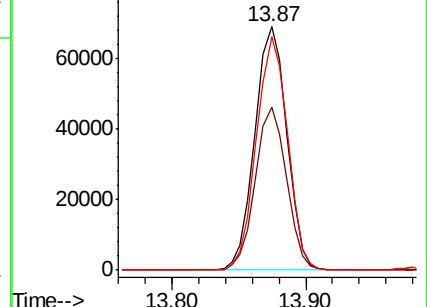
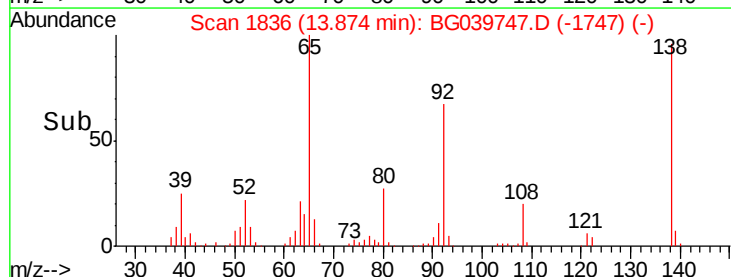
138 96.1 71.4 107.2

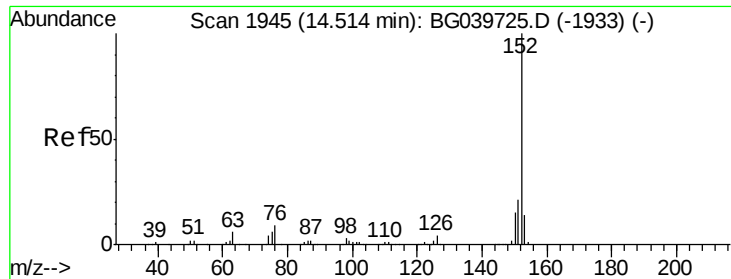


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.500 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

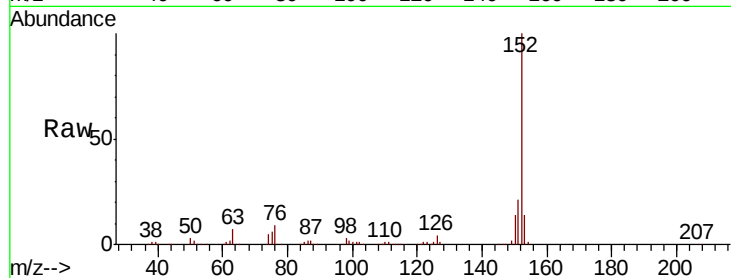
Tgt Ion:152 Resp: 536659

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

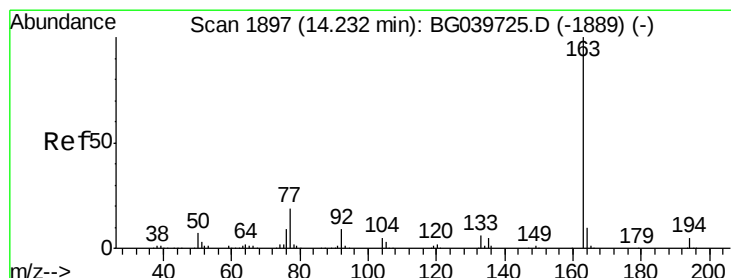
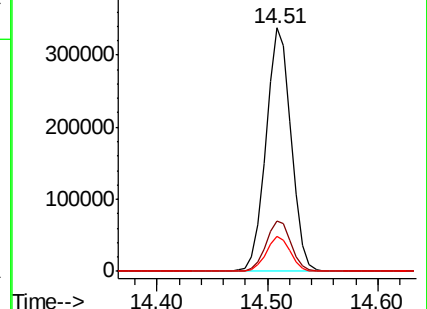
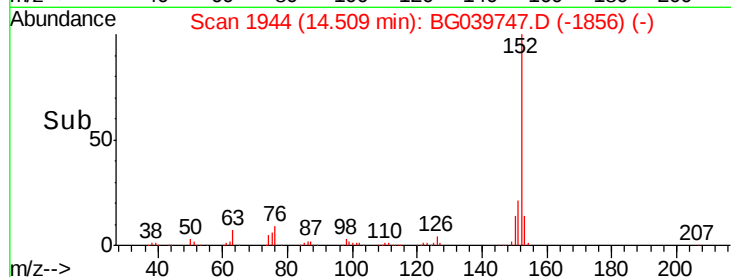
153 14.1 11.7 17.5



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: 41.075 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

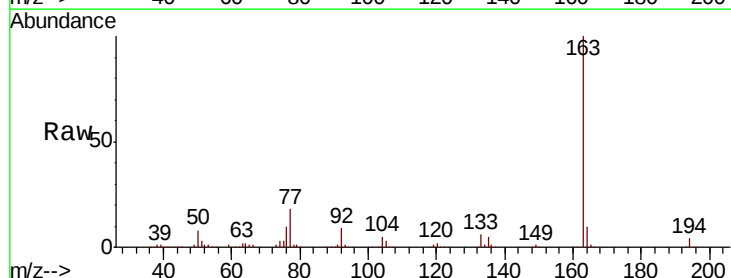
Tgt Ion:163 Resp: 448063

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

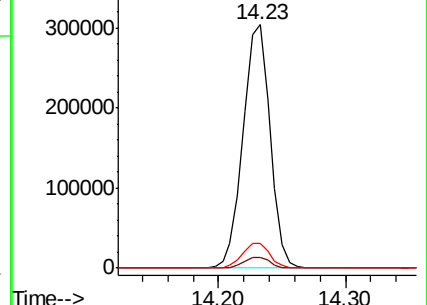
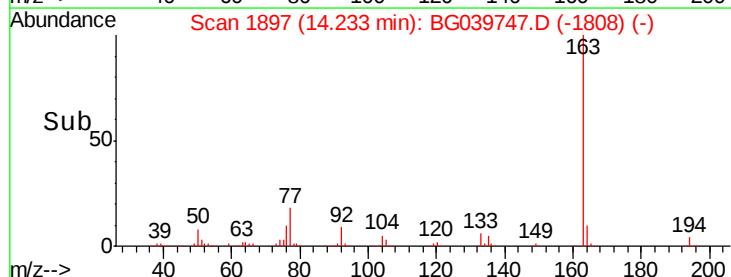
164 10.3 8.4 12.6

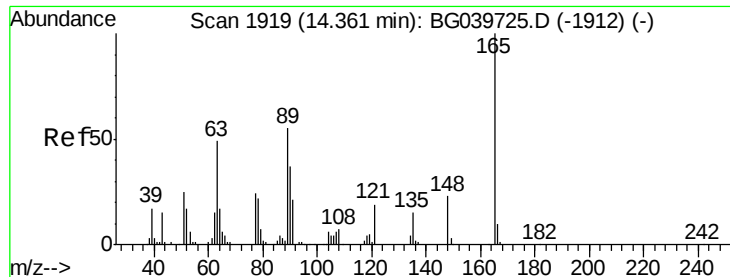


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

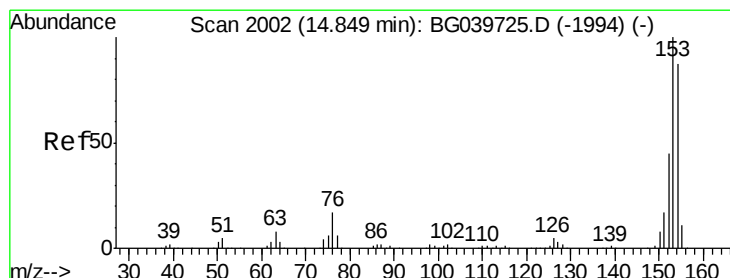
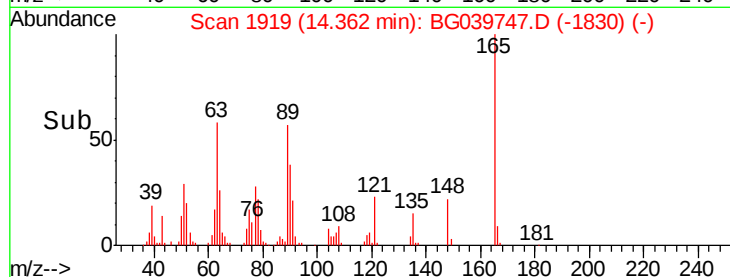
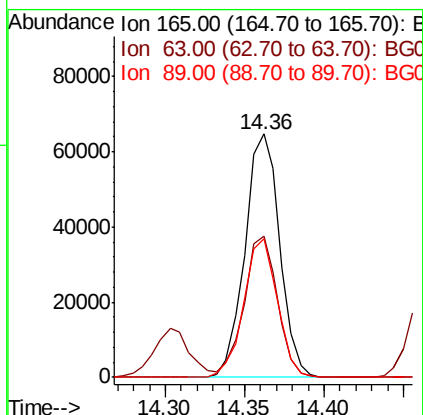
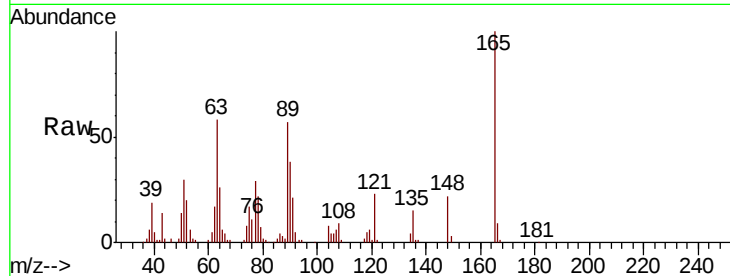




#51
 2,6-Dinitrotoluene
 Concen: 42.507 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

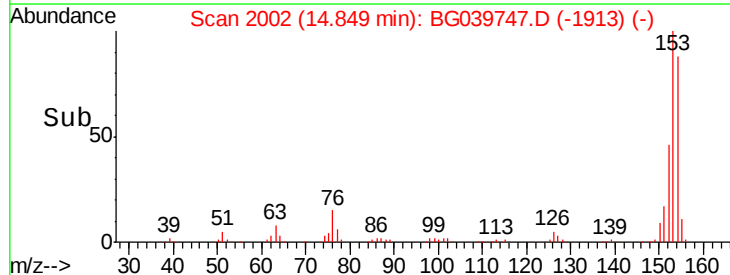
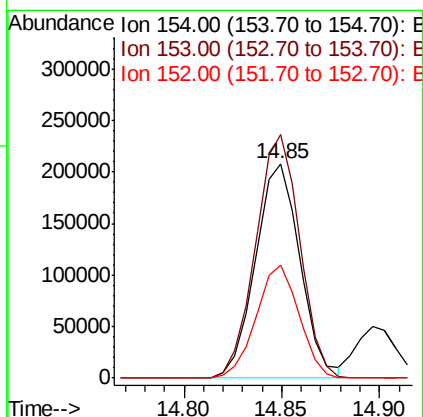
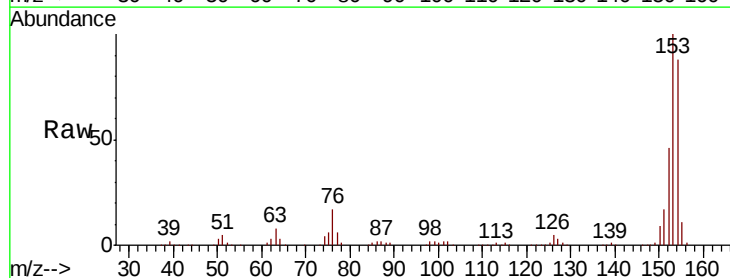
Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion:165 Resp: 98299
 Ion Ratio Lower Upper
 165 100
 63 57.8 47.0 70.6
 89 56.8 45.8 68.8



#52
 Acenaphthene
 Concen: 41.205 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion:154 Resp: 328619
 Ion Ratio Lower Upper
 154 100
 153 113.6 90.1 135.1
 152 52.5 40.9 61.3





#53

3-Nitroaniline

Concen: 26.576 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

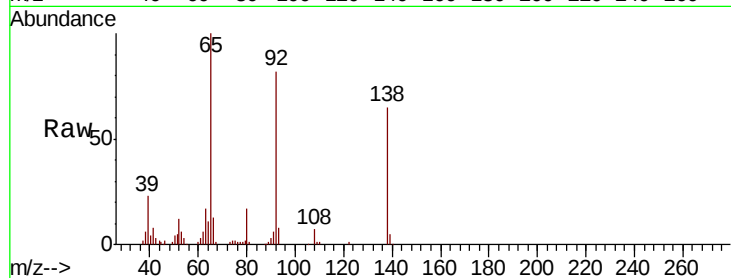
Tgt Ion:138 Resp: 61778

Ion Ratio Lower Upper

138 100

108 11.0 13.8 20.8#

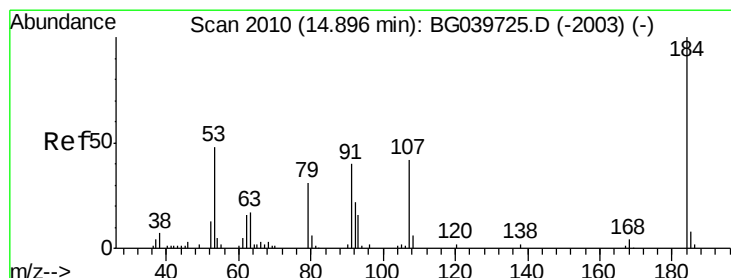
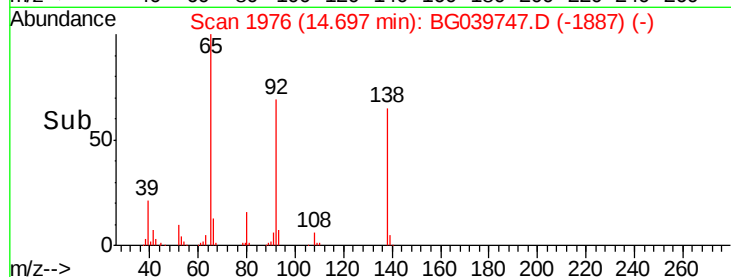
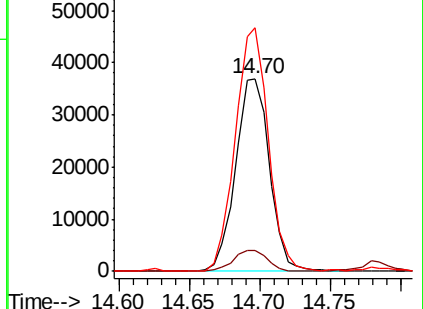
92 126.2 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 81.952 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

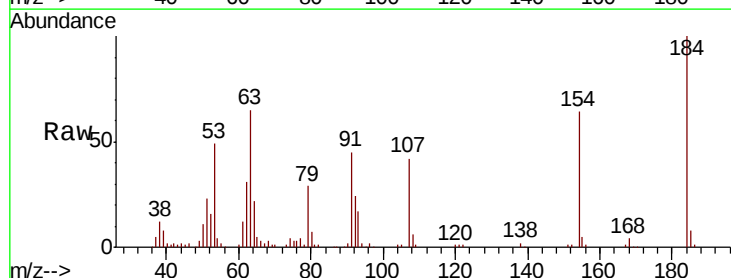
Tgt Ion:184 Resp: 119717

Ion Ratio Lower Upper

184 100

63 64.7 50.9 76.3

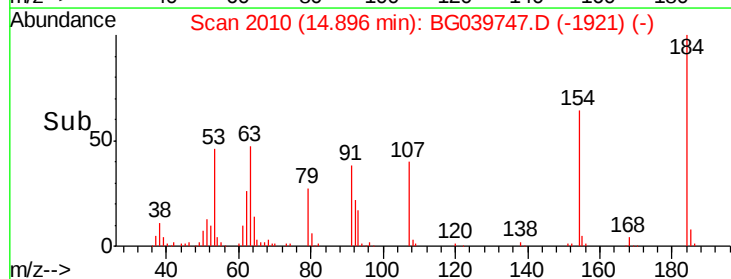
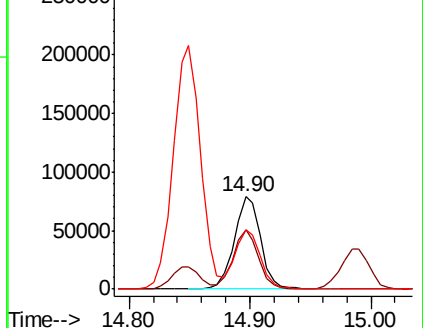
154 64.2 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

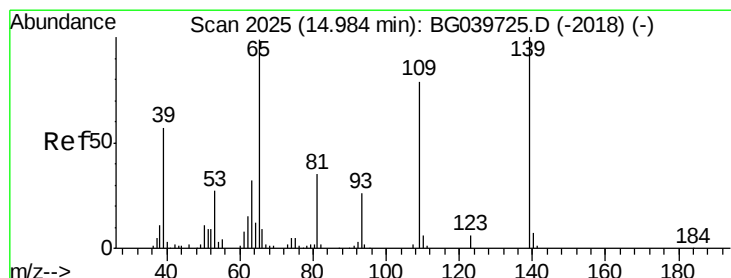
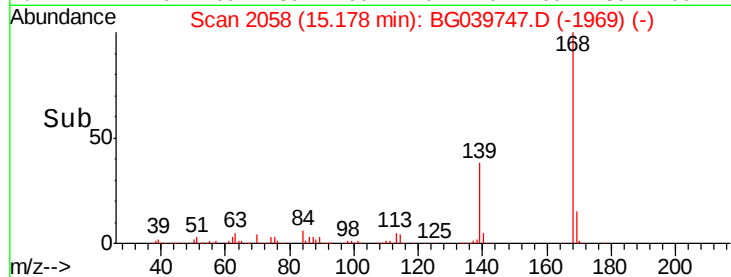
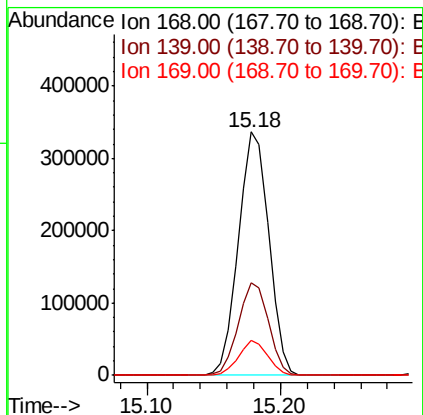
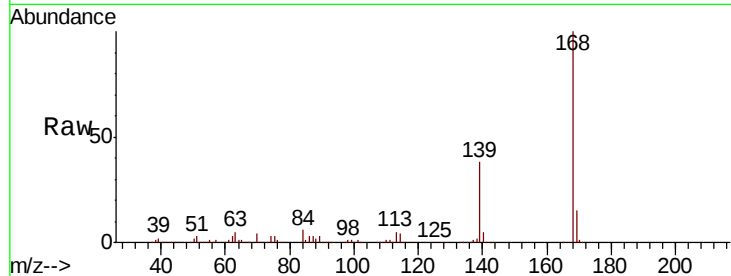




#55
Dibenzenofuran
Concen: 40.489 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

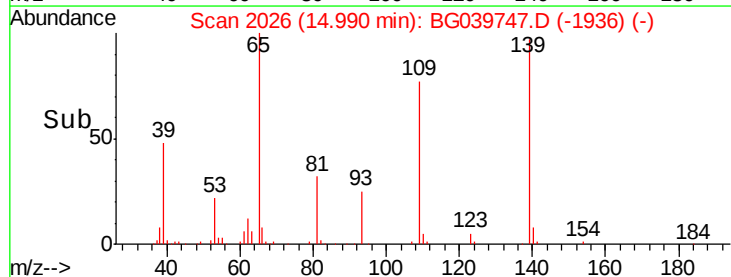
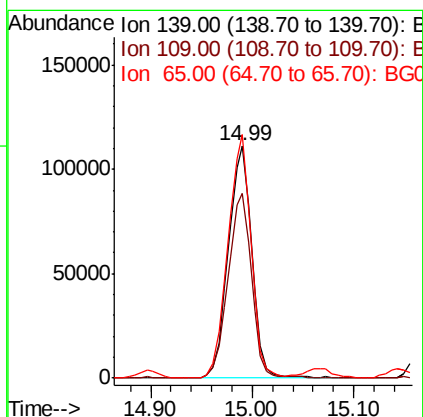
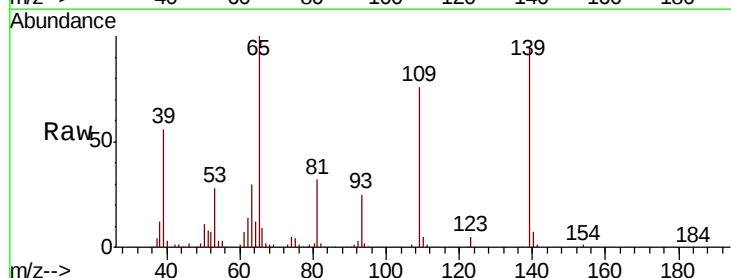
Instrument :
BNA_G
ClientSampleId :
PB117574BS

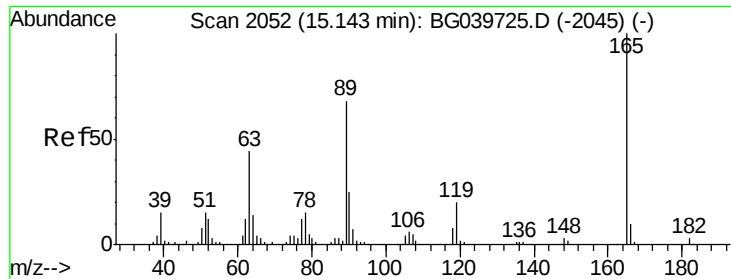
Tgt Ion:168 Resp: 529795
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 14.6 10.6 16.0



#56
4-Nitrophenol
Concen: 85.682 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:139 Resp: 178176
Ion Ratio Lower Upper
139 100
109 79.3 61.9 101.9
65 104.8 99.1 139.1

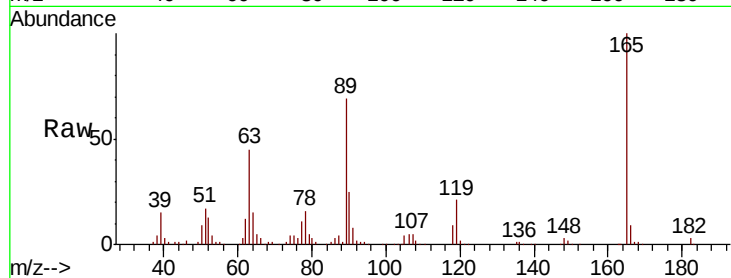




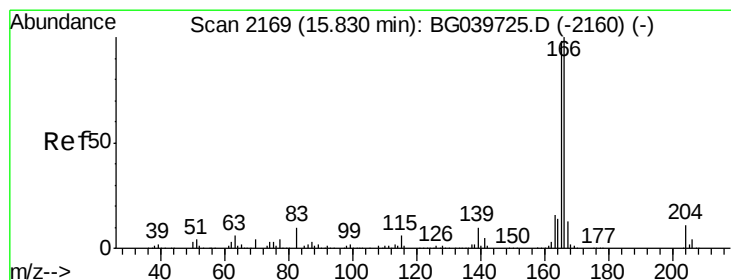
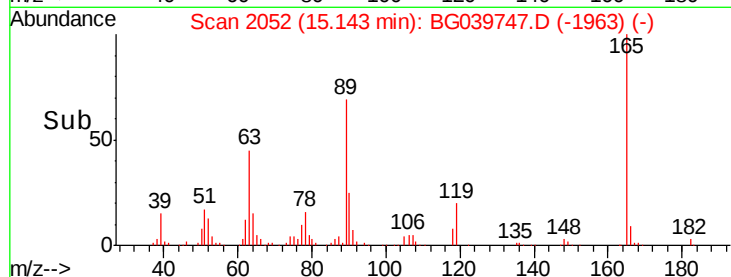
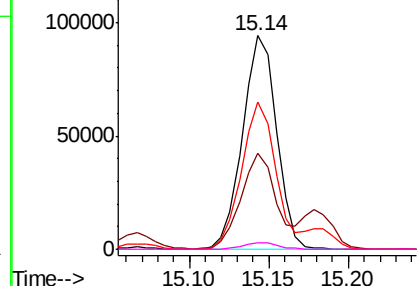
#57
2,4-Dinitrotoluene
Concen: 43.341 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:	165	Resp:	140830
Ion	Ratio	Lower	Upper
165	100		
63	44.8	41.0	61.6
89	68.8	64.6	96.8
182	3.0	2.0	3.0#

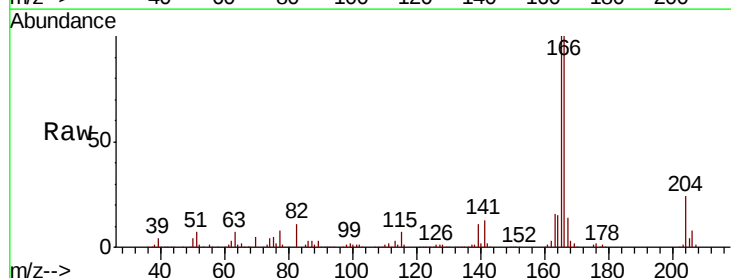


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

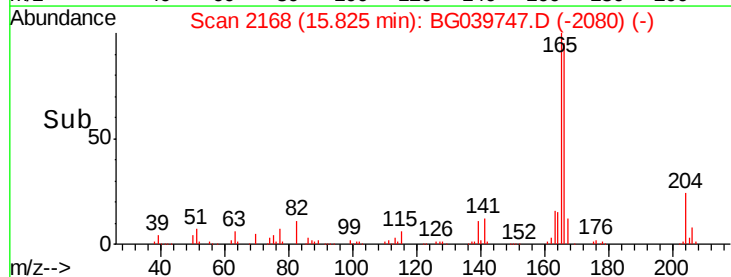
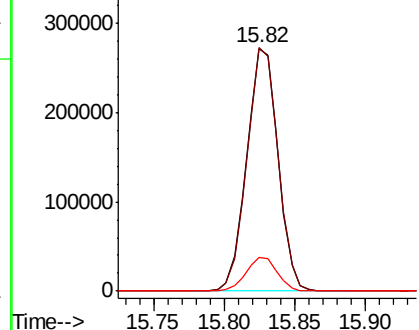


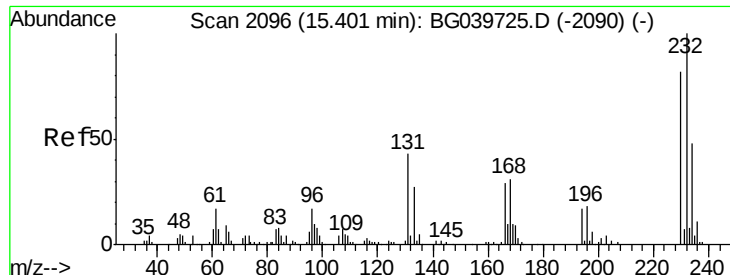
#58
Fluorene
Concen: 41.026 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:	166	Resp:	422019
Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.9	116.9
167	14.1	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

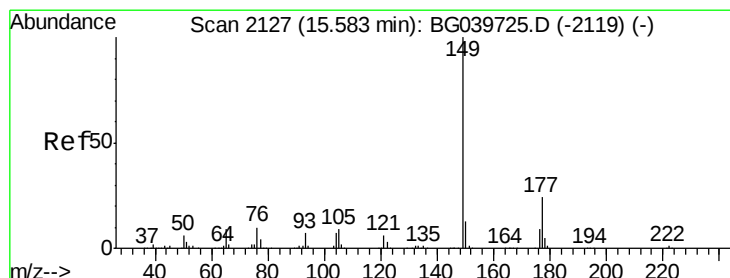
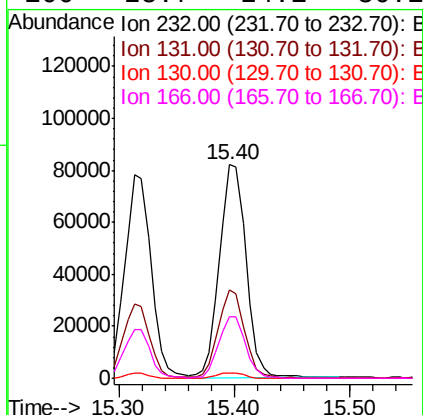
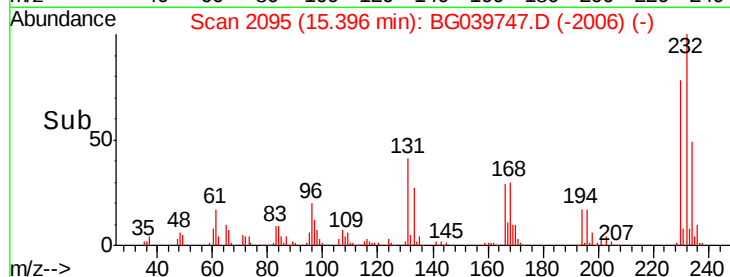
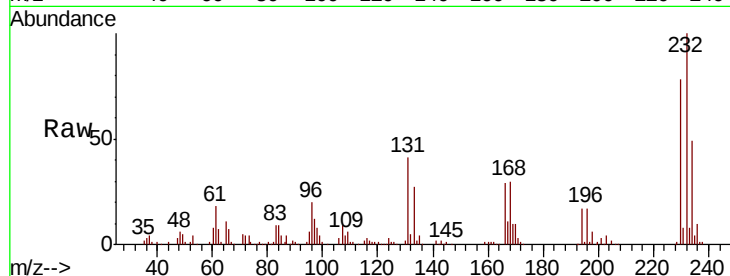




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.162 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

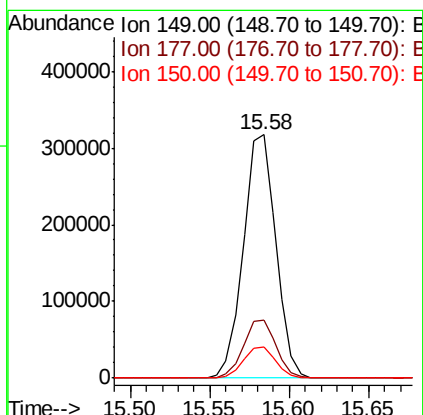
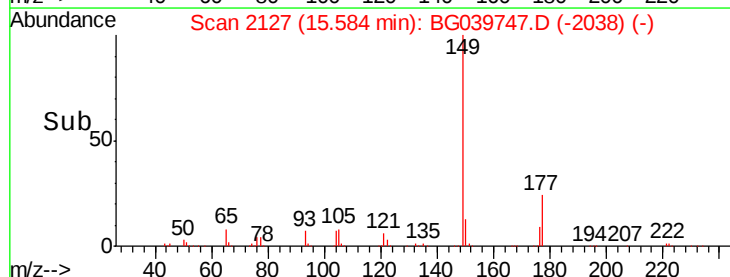
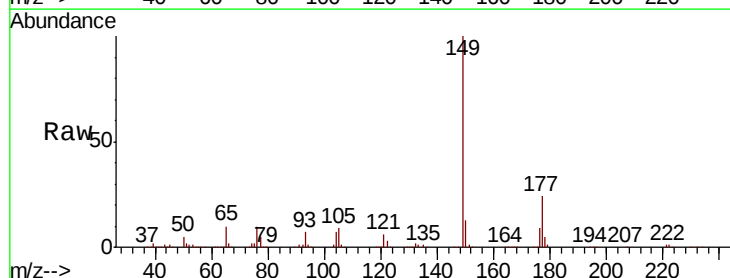
Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:232 Resp: 131482
Ion Ratio Lower Upper
232 100
131 41.3 34.9 52.3
130 2.4 2.0 3.0
166 28.7 24.1 36.1



#60
Diethylphthalate
Concen: 41.750 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:149 Resp: 450843
Ion Ratio Lower Upper
149 100
177 23.9 18.3 27.5
150 13.0 10.2 15.2

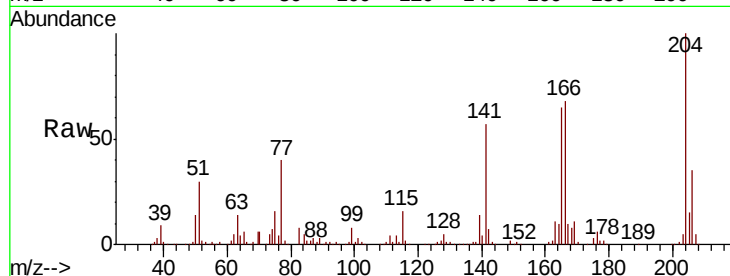




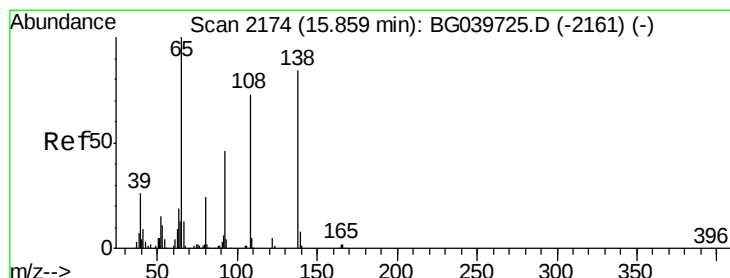
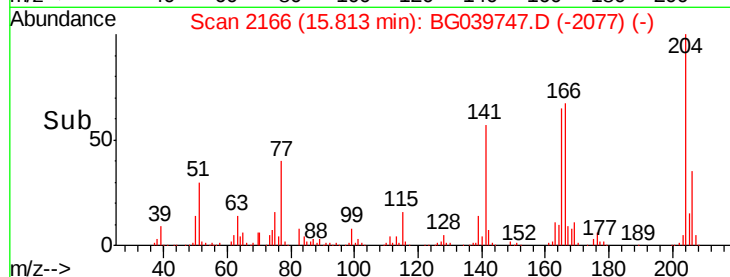
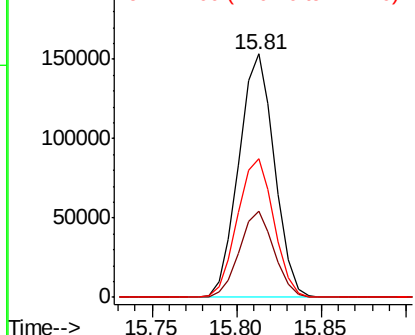
#61
 4-Chlorophenyl-phenylether
 Concen: 41.020 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion: 204 Resp: 225168
 Ion Ratio Lower Upper
 204 100
 206 35.5 29.2 43.8
 141 56.9 49.0 73.4

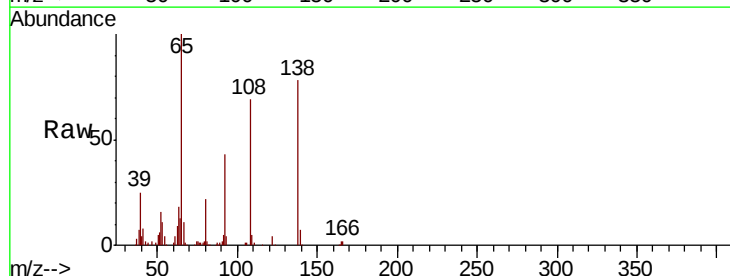


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

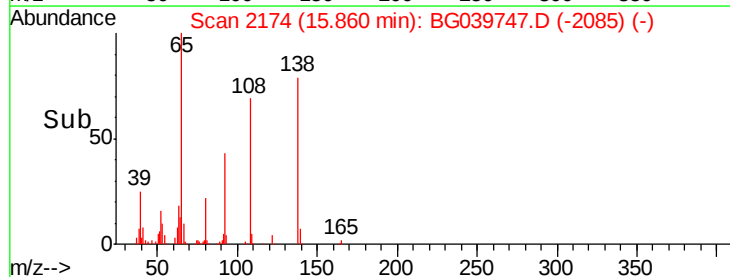
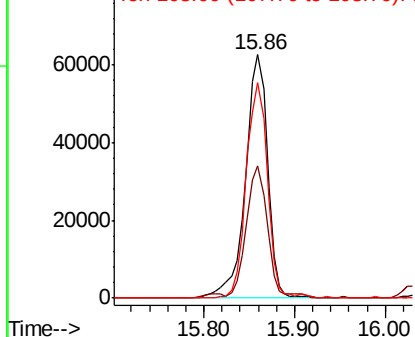


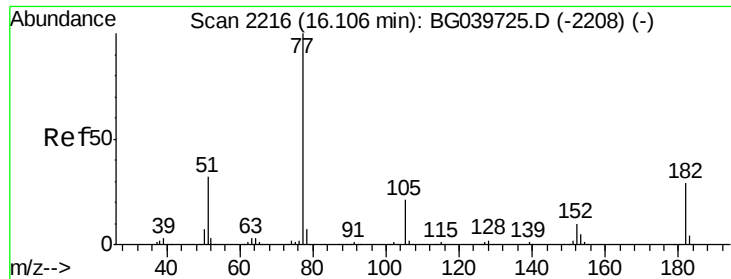
#62
 4-Nitroaniline
 Concen: 42.075 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion: 138 Resp: 106035
 Ion Ratio Lower Upper
 138 100
 92 54.5 38.7 78.7
 108 88.4 74.6 114.6



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





#63

Azobenzene

Concen: 41.299 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

Tgt Ion: 77 Resp: 404261

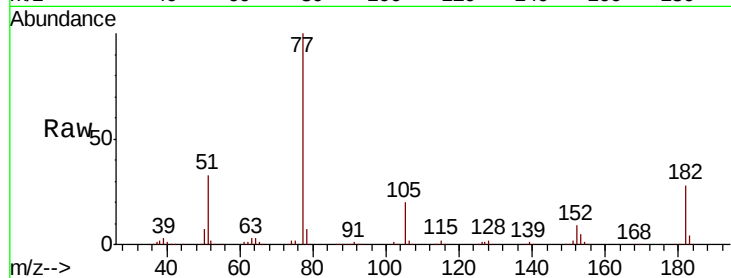
Ion Ratio Lower Upper

77 100

182 27.9 6.4 46.4

105 20.3 0.0 39.8

51 32.6 14.1 54.1

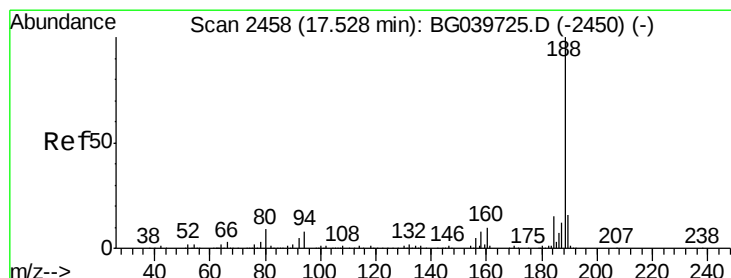
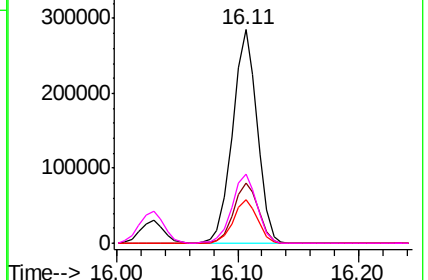
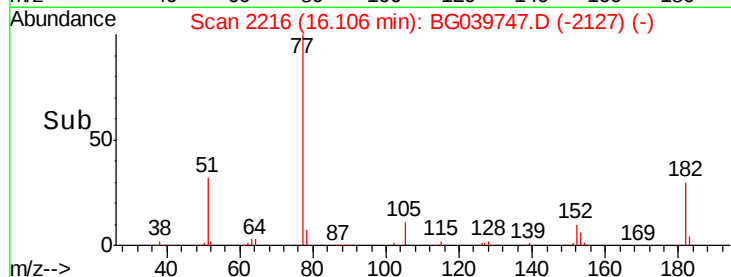


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039747.D

Acq: 5 Mar 2019 1:22

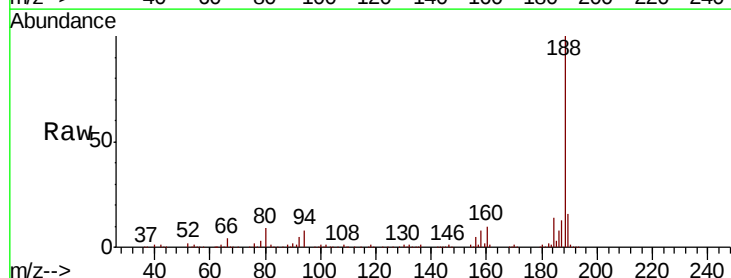
Tgt Ion: 188 Resp: 325624

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

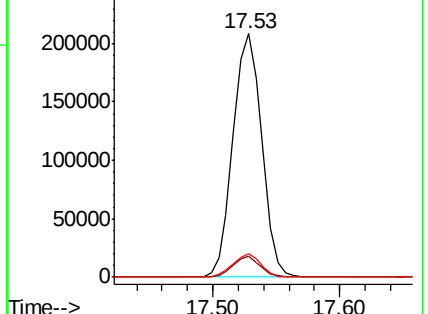
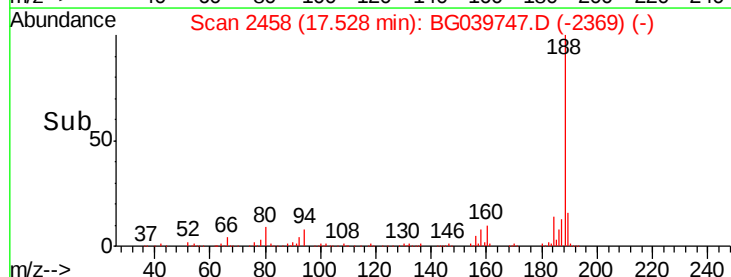
80 9.4 8.1 12.1



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

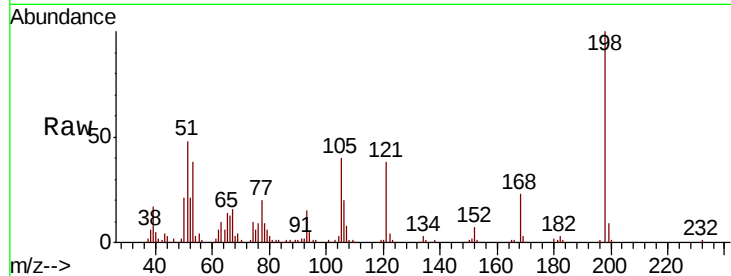




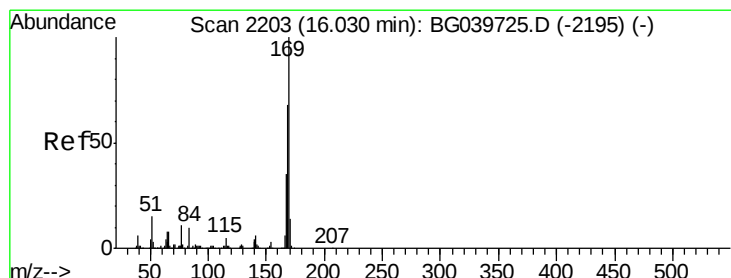
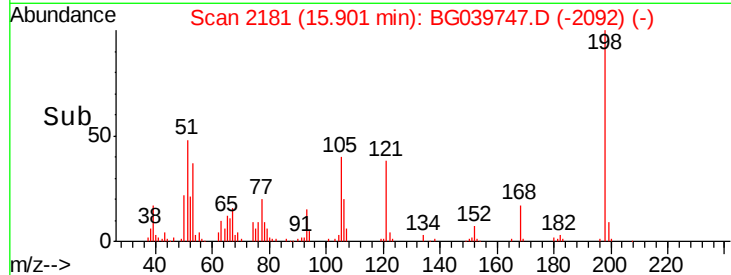
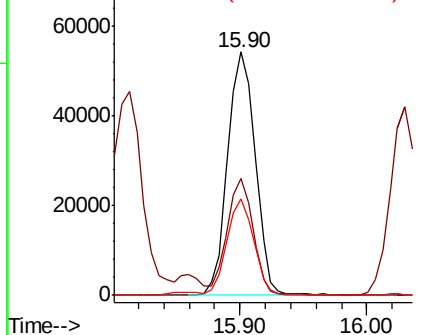
#65
4,6-Dinitro-2-methylphenol
Concen: 42.415 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:198 Resp: 81662
Ion Ratio Lower Upper
198 100
51 48.0 27.4 67.4
105 39.8 19.7 59.7

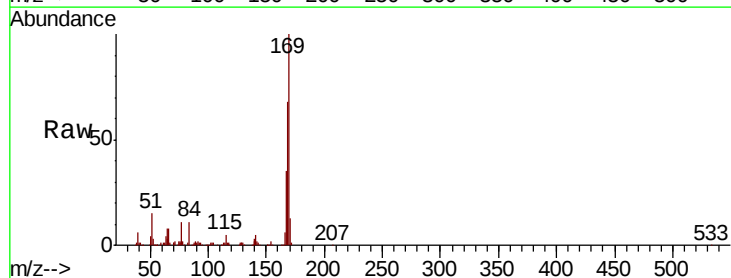


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

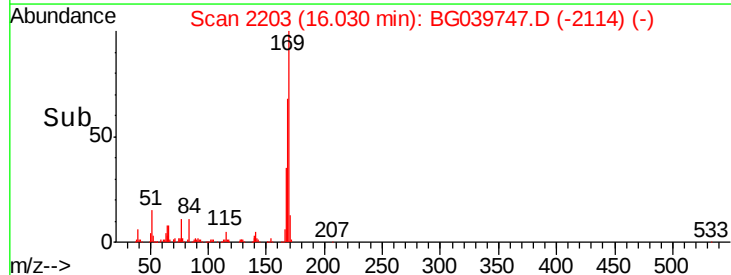
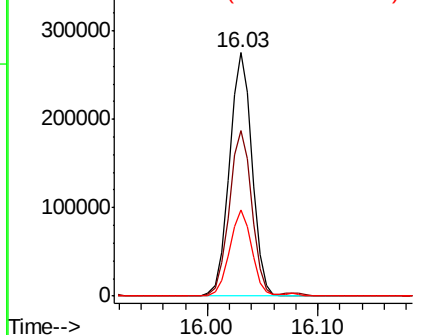


#66
n-Nitrosodiphenylamine
Concen: 41.887 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:169 Resp: 394862
Ion Ratio Lower Upper
169 100
168 68.1 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: 40.791 ng

RT: 16.71 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

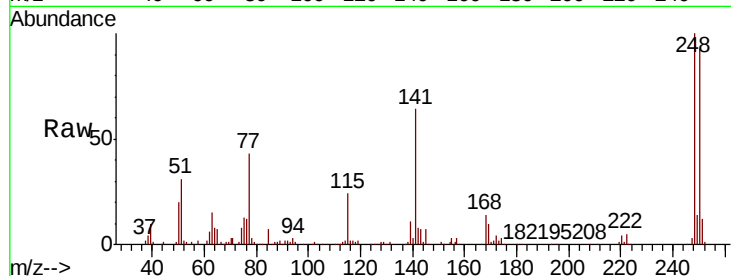
Tgt Ion:248 Resp: 148675

Ion Ratio Lower Upper

248 100

250 93.2 77.6 116.4

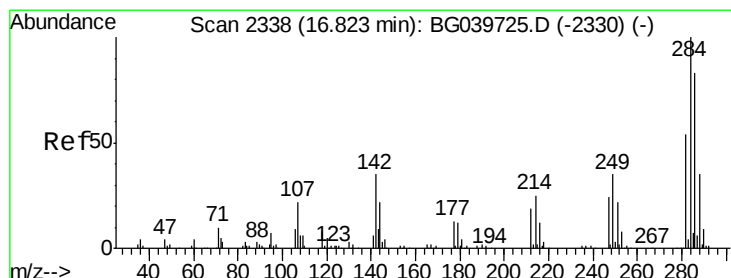
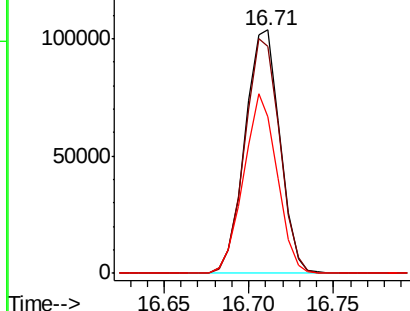
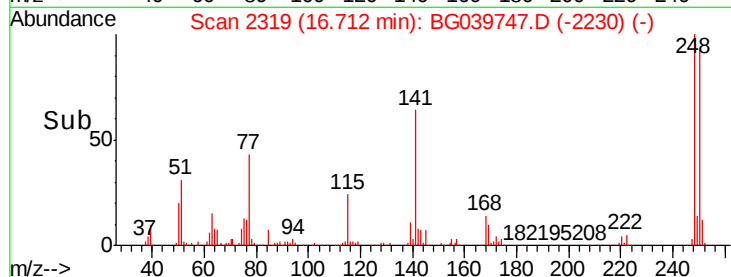
141 64.1 63.9 95.9



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: 39.366 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

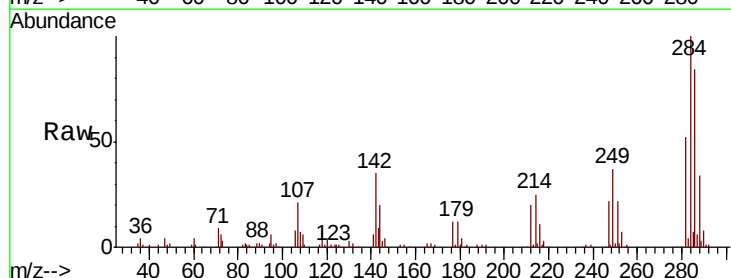
Tgt Ion:284 Resp: 148729

Ion Ratio Lower Upper

284 100

142 34.7 30.6 45.8

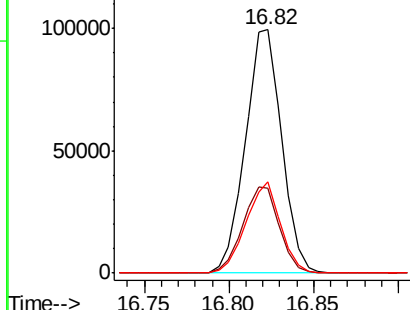
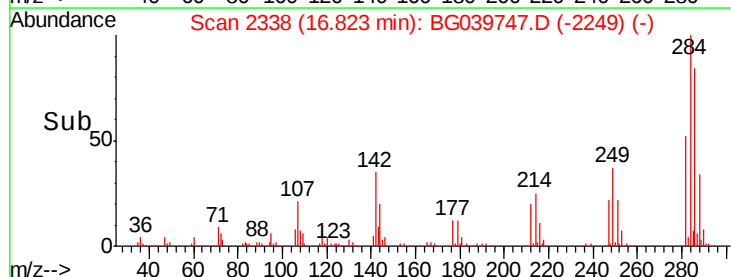
249 37.3 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.006 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

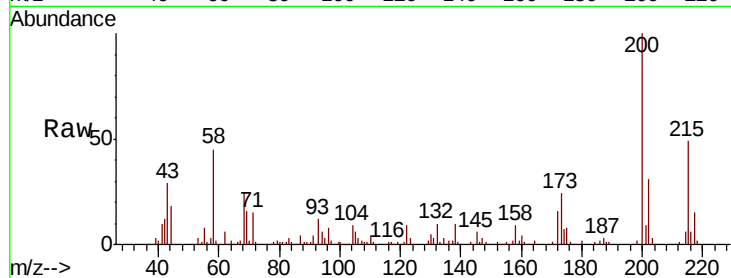
Tgt Ion:200 Resp: 159555

Ion Ratio Lower Upper

200 100

173 24.1 3.9 43.9

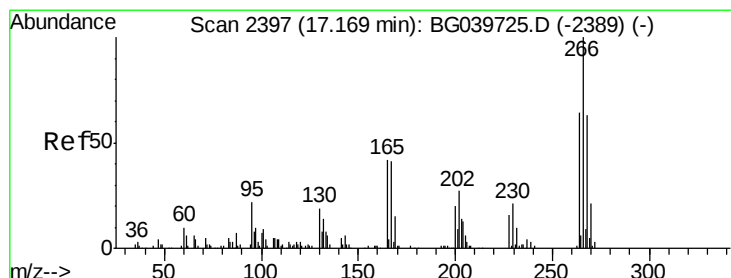
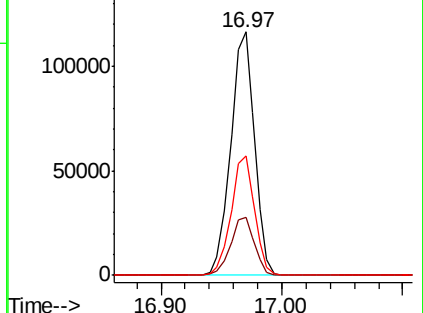
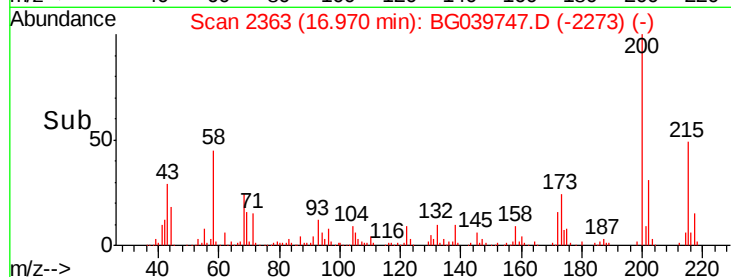
215 48.9 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.037 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

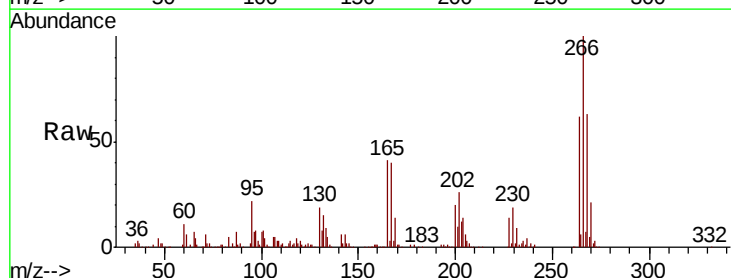
Tgt Ion:266 Resp: 200517

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

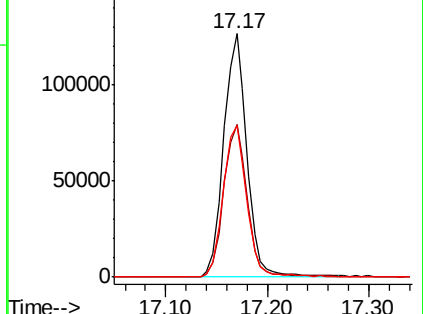
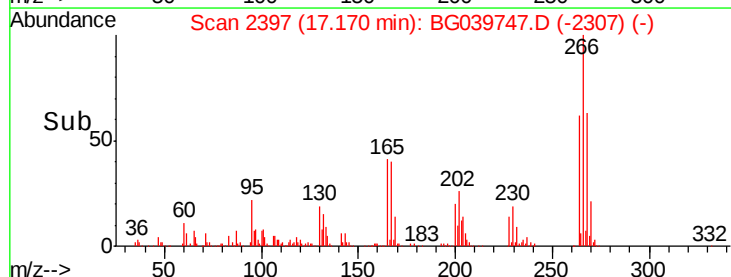
264 62.4 52.1 78.1

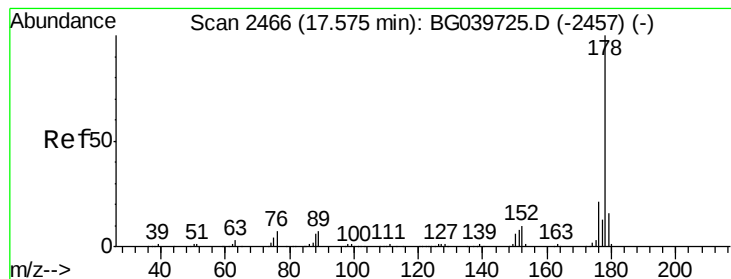


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.468 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

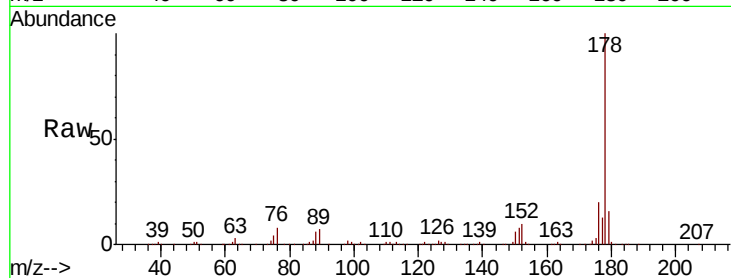
Tgt Ion:178 Resp: 725826

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

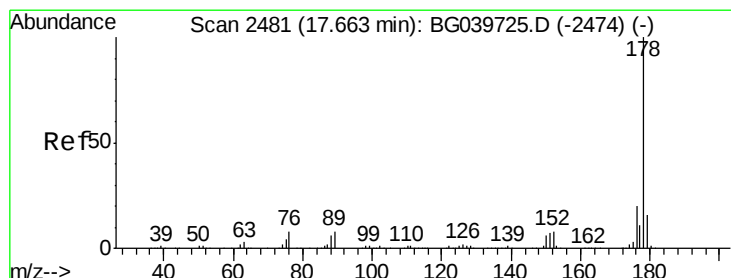
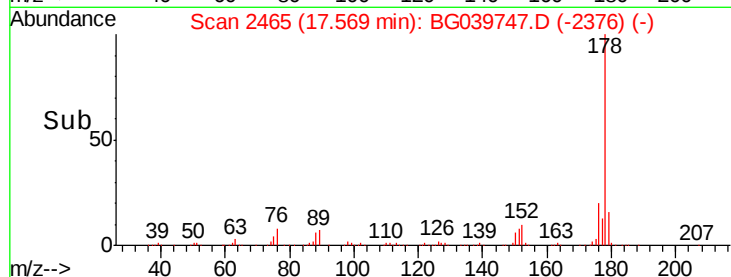
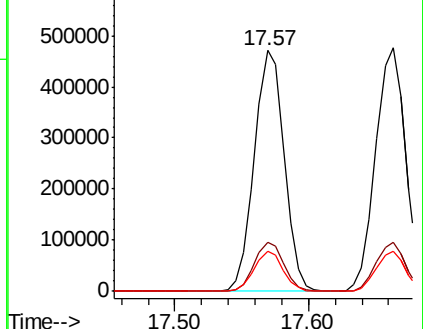
179 16.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.209 ng

RT: 17.66 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

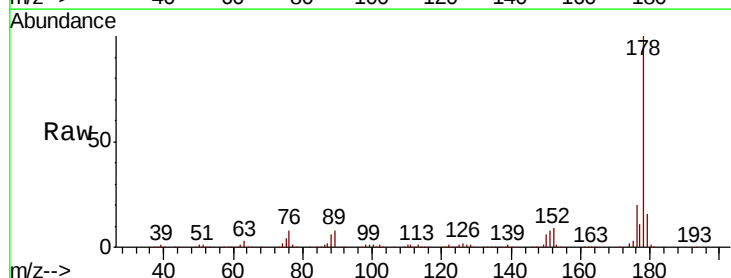
Tgt Ion:178 Resp: 737743

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.6

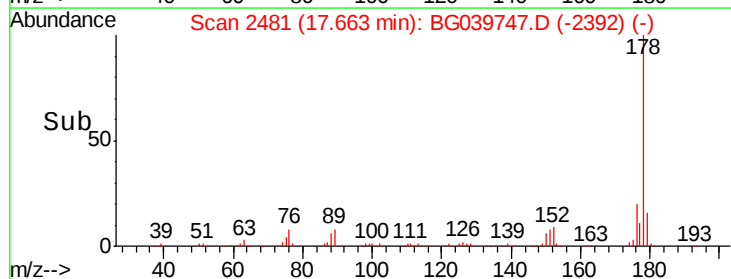
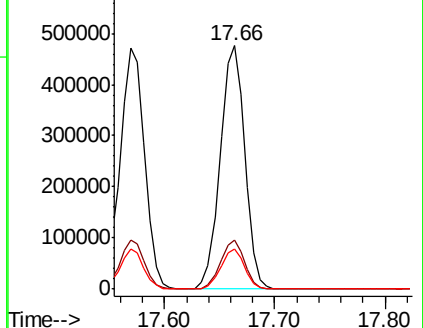
179 16.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

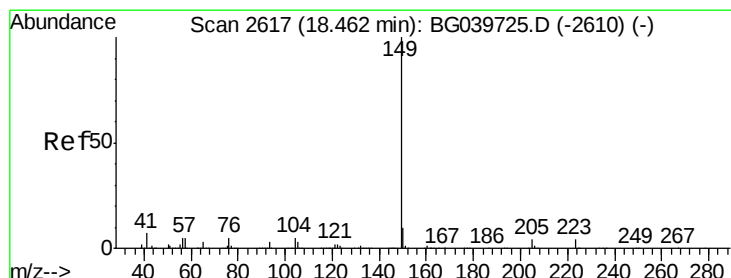
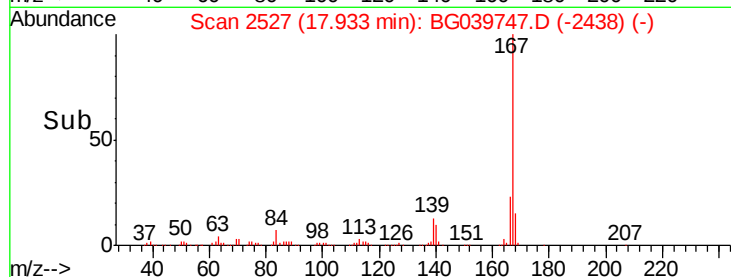
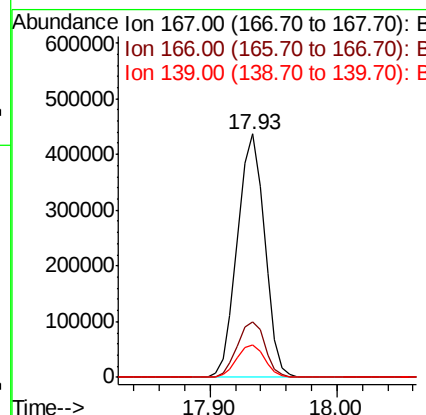
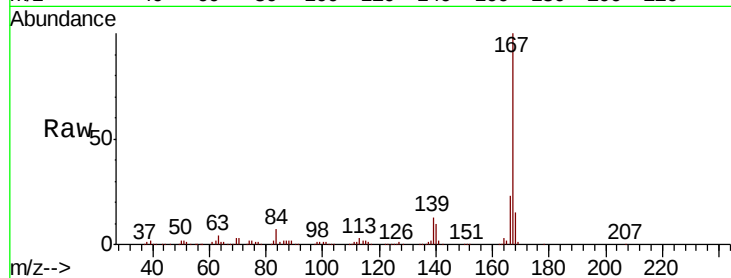




#73
 Carbazole
 Concen: 41.341 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

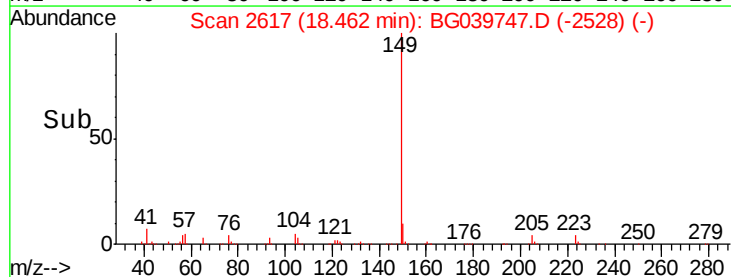
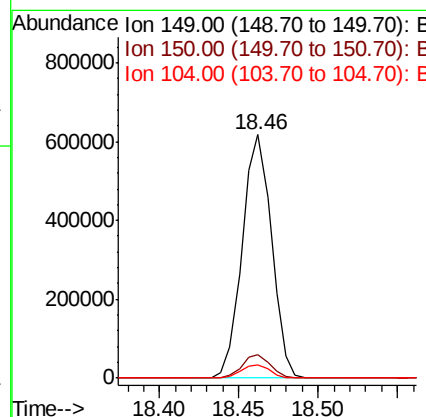
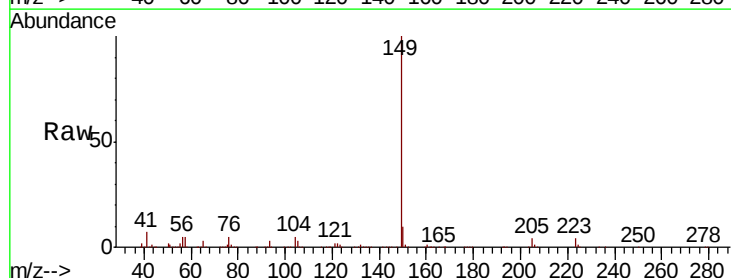
Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.4	29.2
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.802 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.2	4.5	6.7





#75

Fluoranthene

Concen: 41.333 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

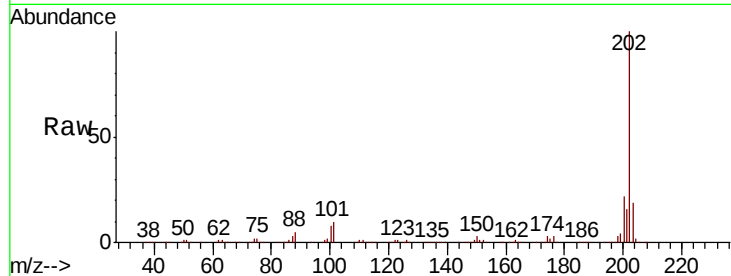
Tgt Ion: 202 Resp: 876126

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

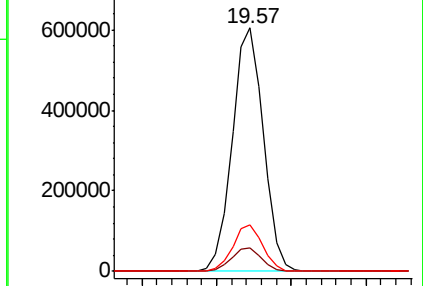
203 19.0 0.0 38.9



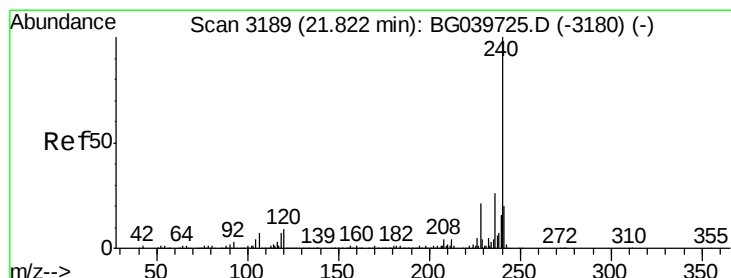
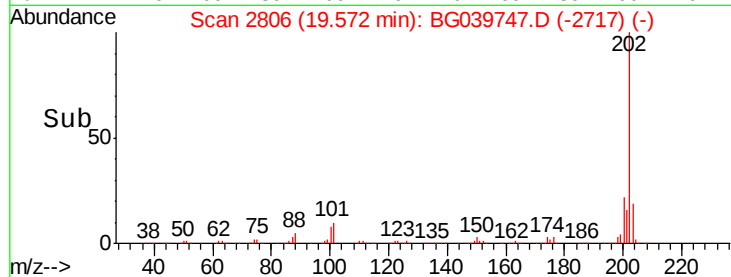
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

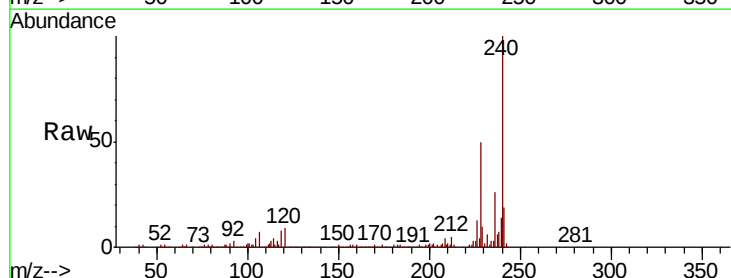
Tgt Ion: 240 Resp: 337299

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

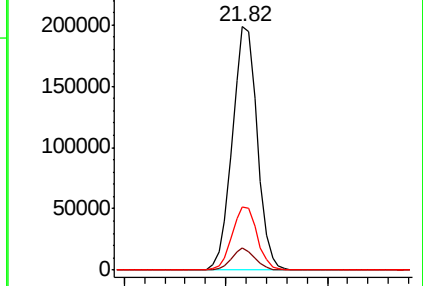
236 25.8 21.0 31.4



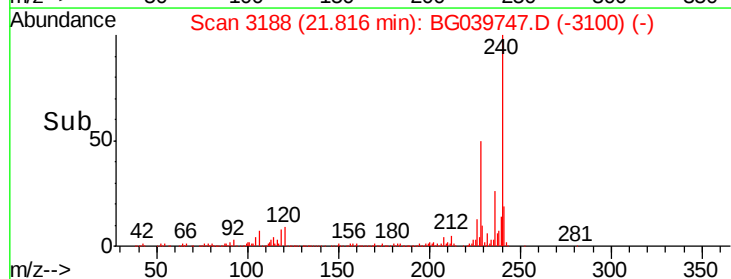
Abundance Ion 240.00 (239.70 to 240.70): E

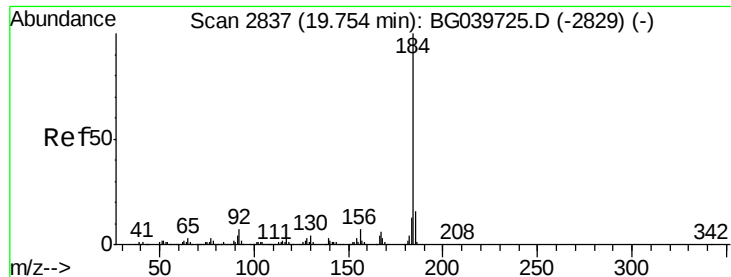
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 42.921 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

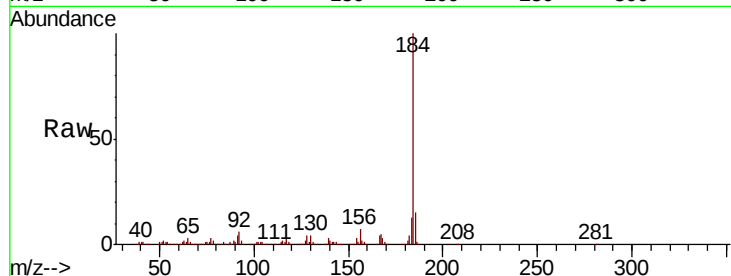
Tgt Ion:184 Resp: 459404

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

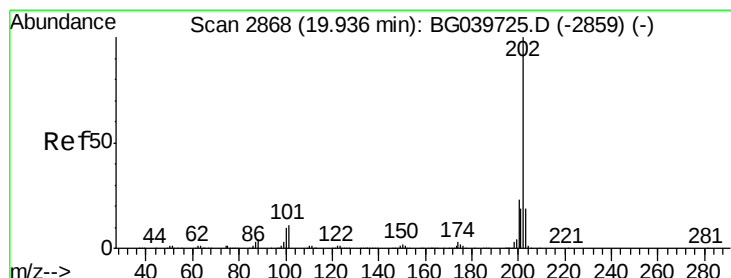
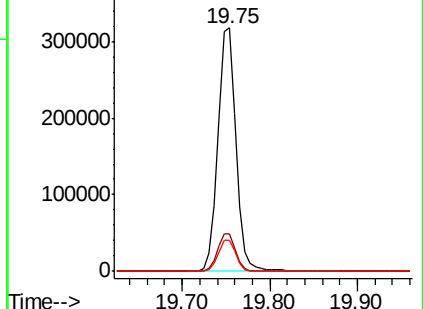
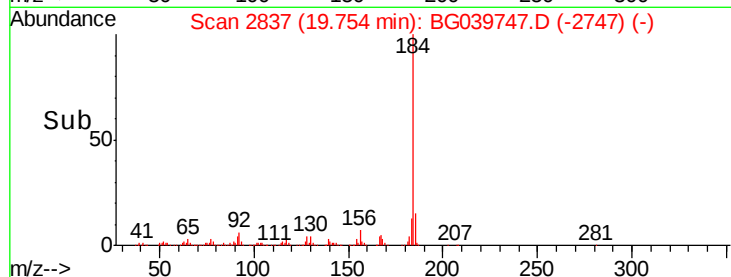
183 12.6 10.6 15.8



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: 39.897 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

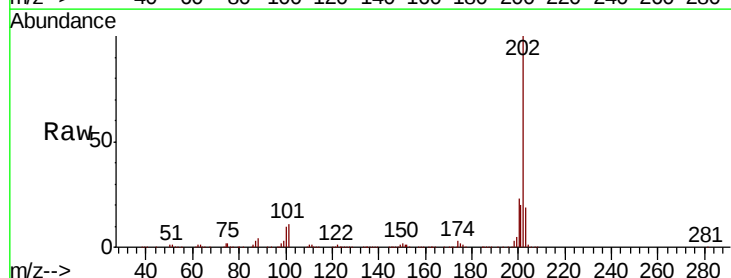
Tgt Ion:202 Resp: 874460

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

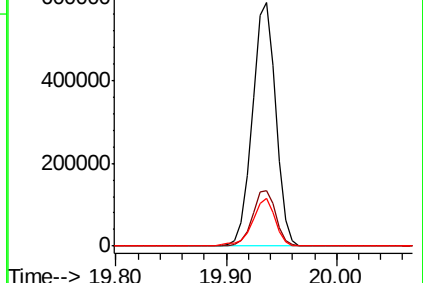
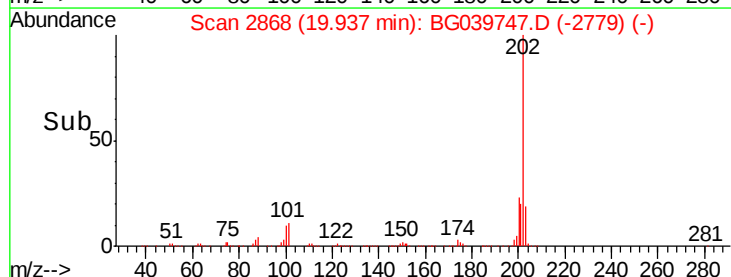
203 19.4 15.3 22.9

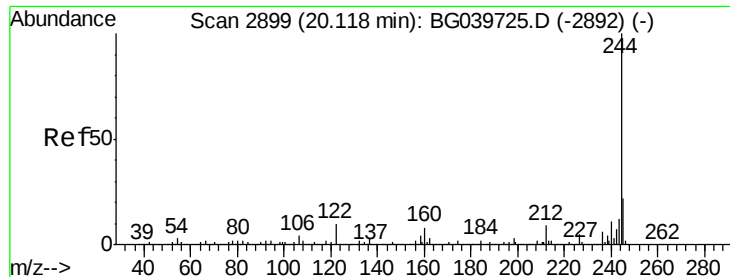


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.368 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

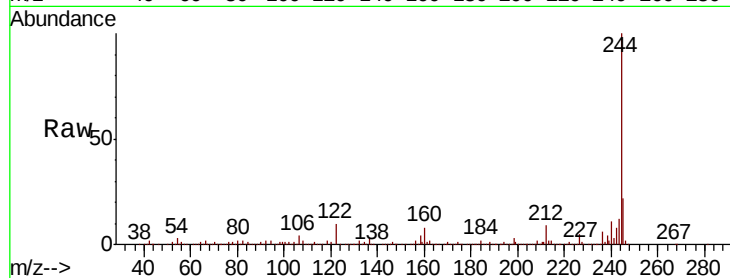
Tgt Ion:244 Resp: 1169890

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

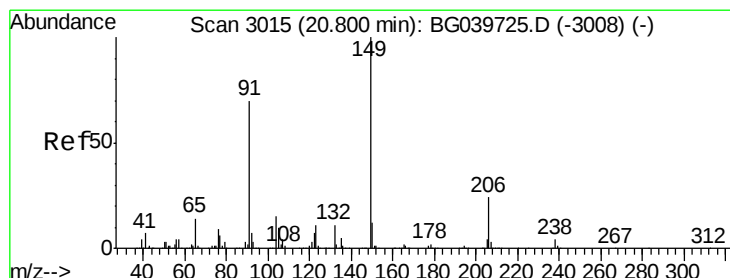
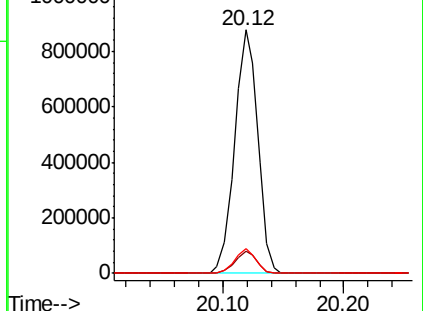
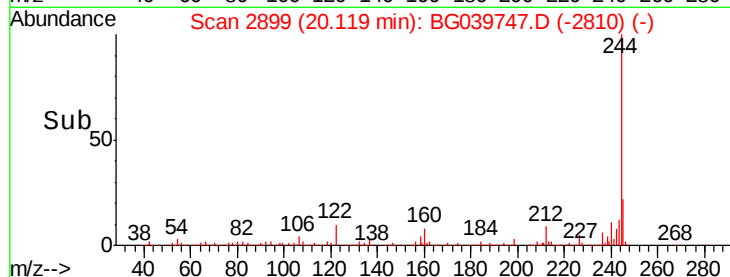
122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.107 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

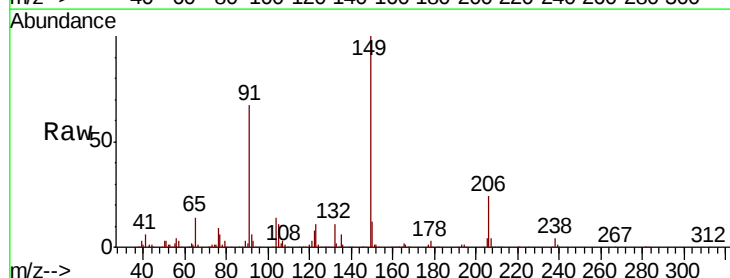
Tgt Ion:149 Resp: 374540

Ion Ratio Lower Upper

149 100

91 66.6 59.5 89.3

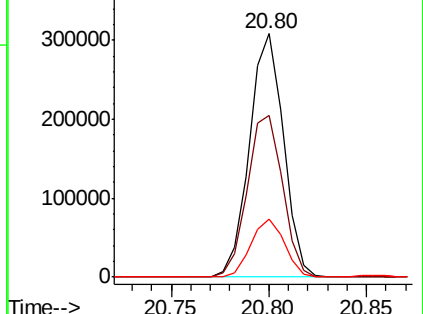
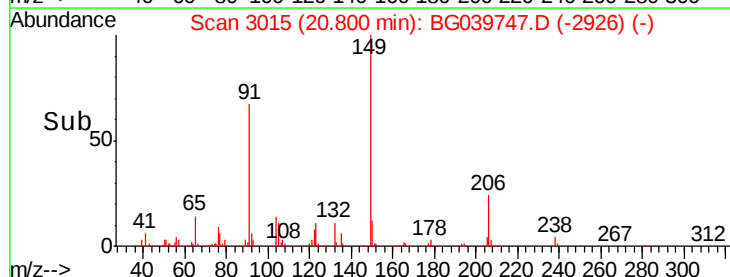
206 23.7 18.6 27.8



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

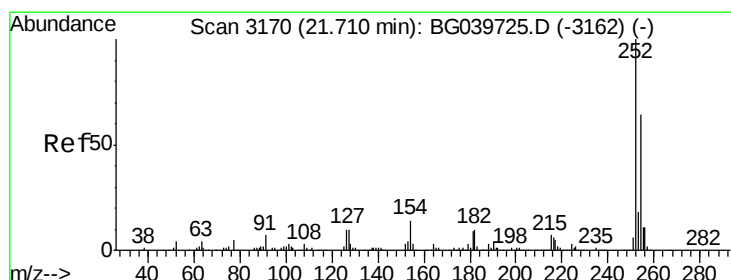
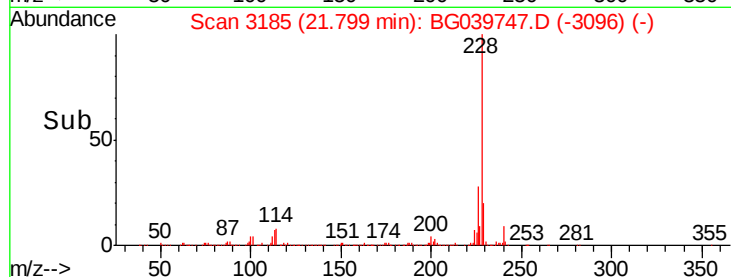
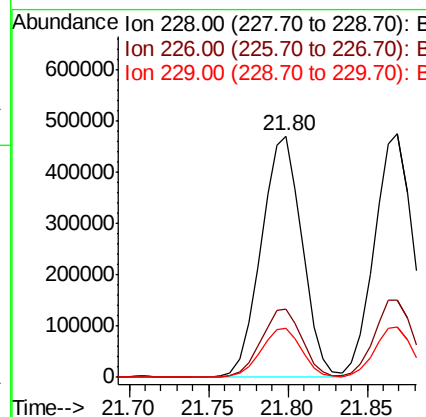
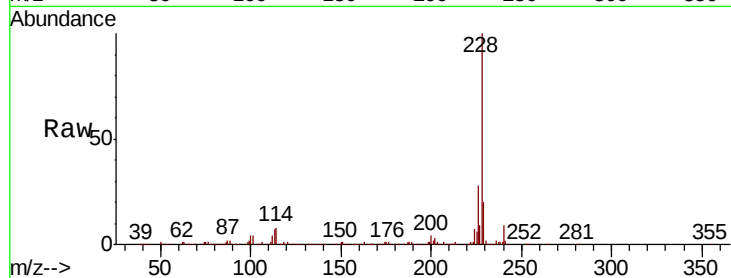




#81
 Benzo(a)anthracene
 Concen: 39.925 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

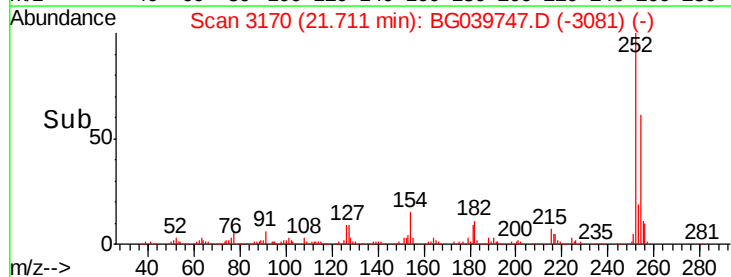
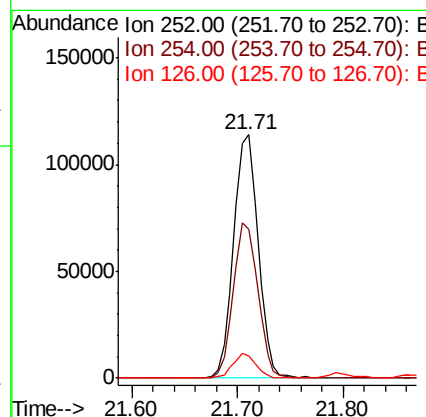
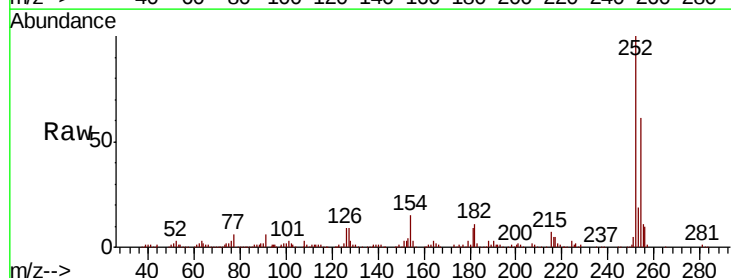
Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

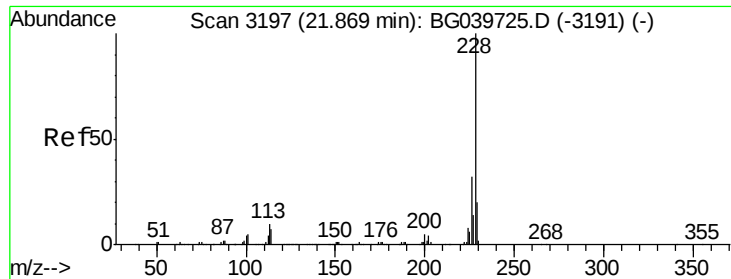
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.6
229	20.3	16.9	25.3



#82
 3,3'-Dichlorobenzidine
 Concen: 23.719 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.3	51.3	76.9
126	9.1	8.0	12.0





#83

Chrysene

Concen: 38.988 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

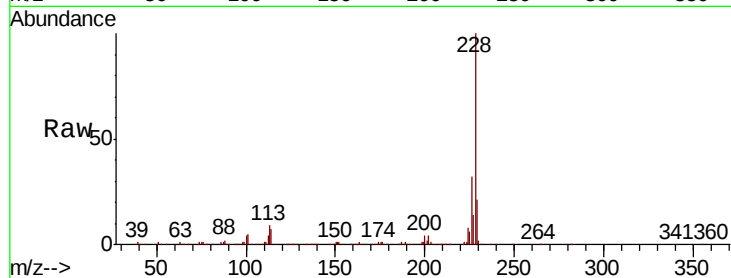
Tgt Ion:228 Resp: 799029

Ion Ratio Lower Upper

228 100

226 31.7 25.8 38.6

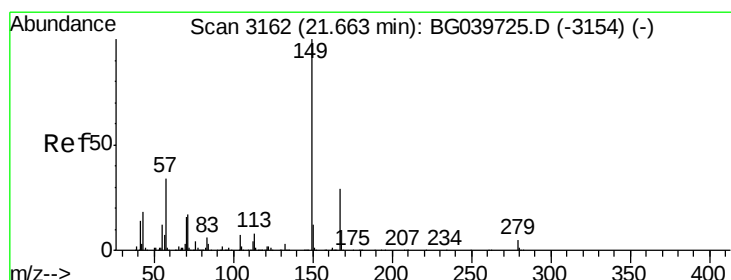
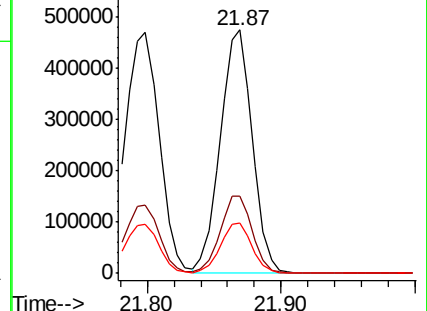
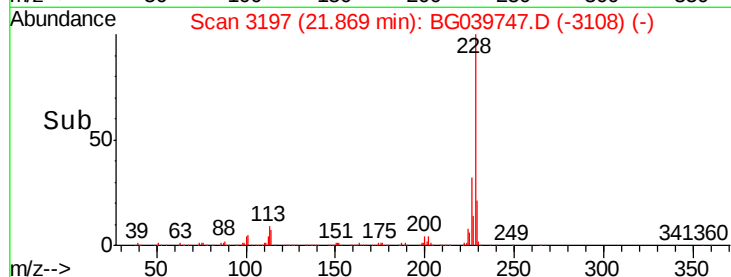
229 20.7 16.6 25.0



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: 43.312 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

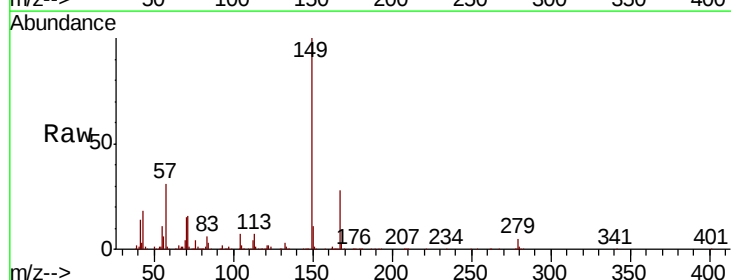
Tgt Ion:149 Resp: 516825

Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

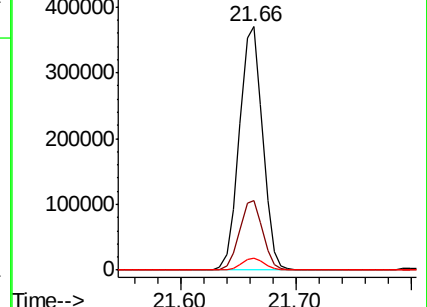
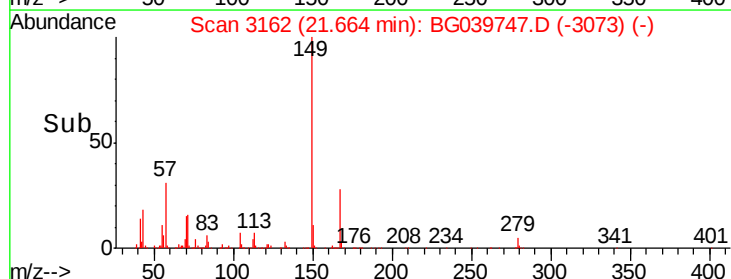
279 5.1 3.5 5.3

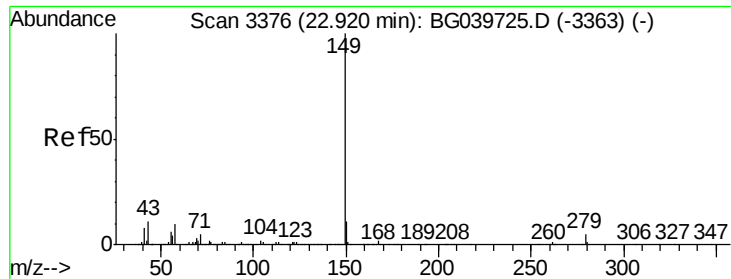


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

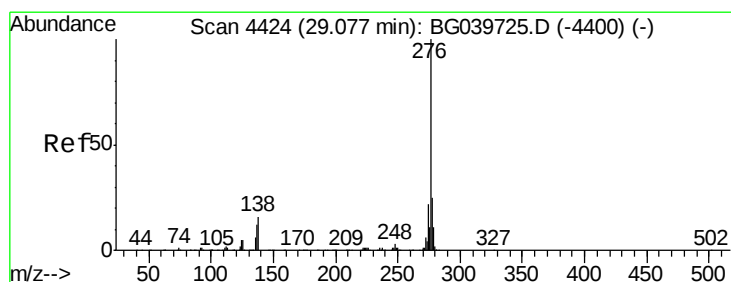
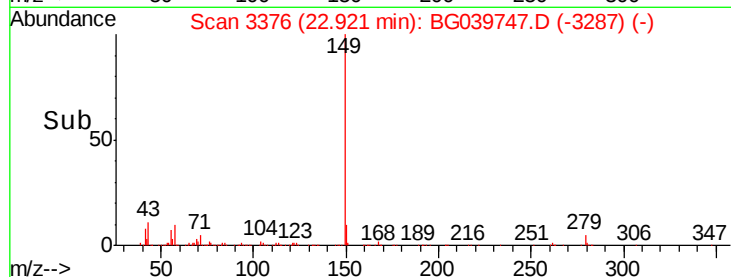
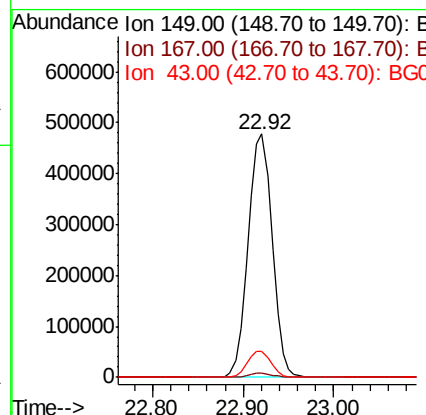
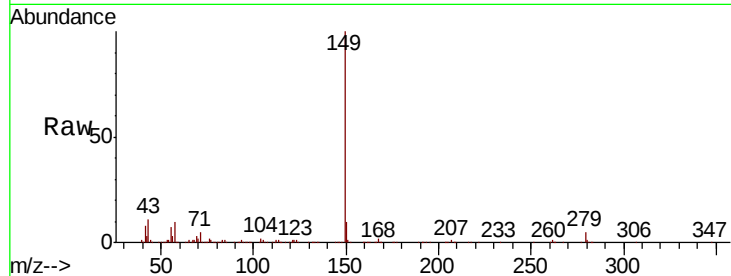




#85
Di-n-octyl phthalate
Concen: 44.570 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

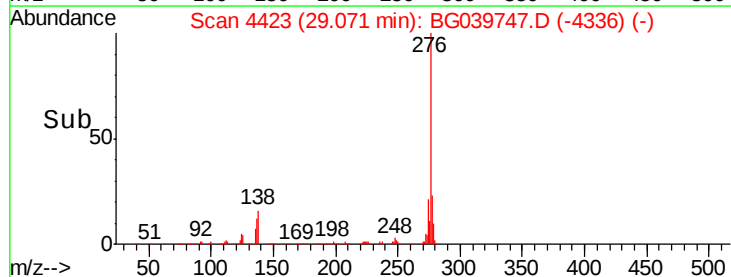
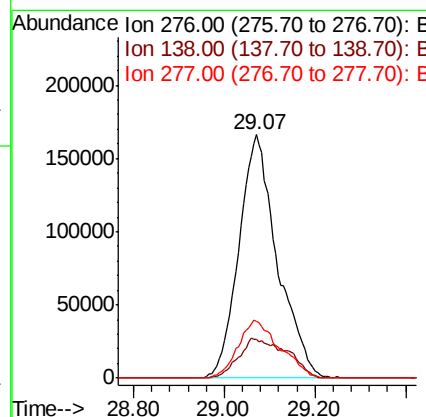
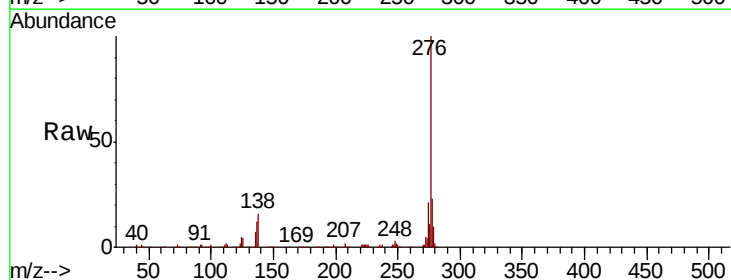
Instrument :
BNA_G
ClientSampleId :
PB117574BS

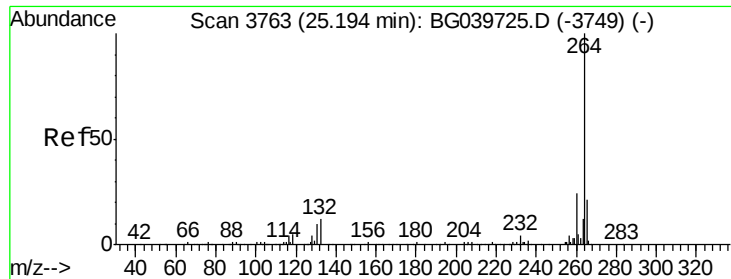
Tgt Ion:149 Resp: 880615
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.7 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.053 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:276 Resp: 977724
Ion Ratio Lower Upper
276 100
138 20.6 12.6 19.0#
277 25.9 20.8 31.2

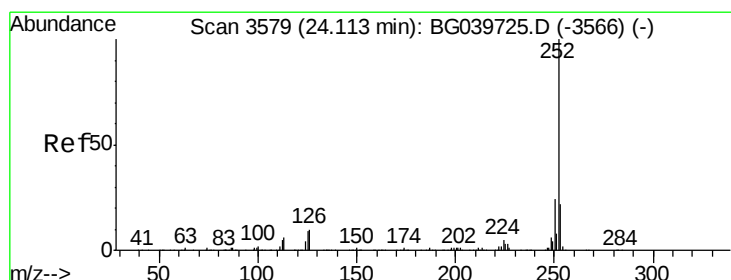
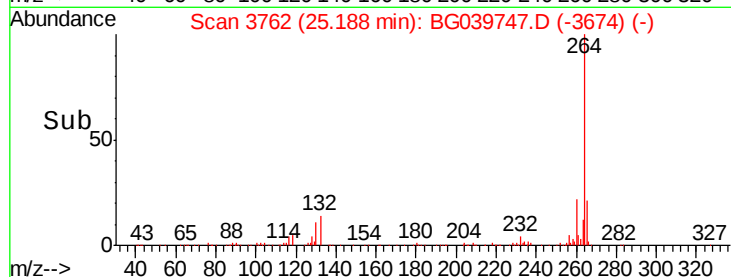
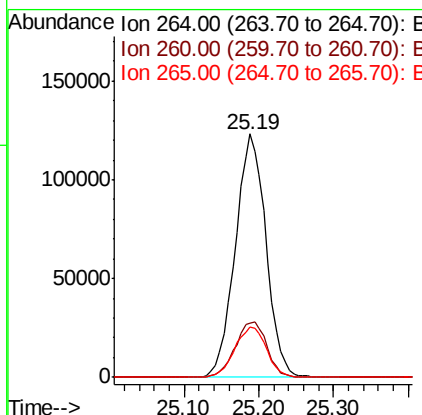
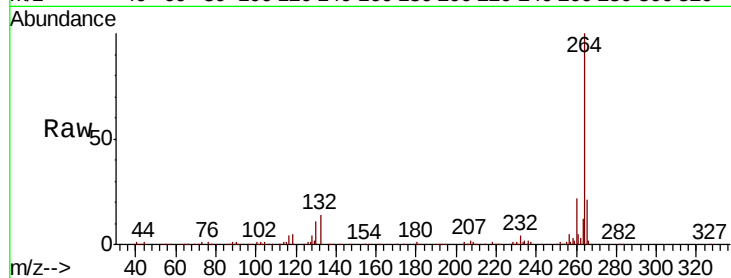




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

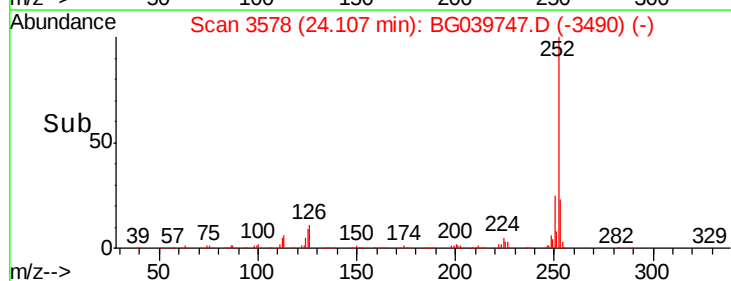
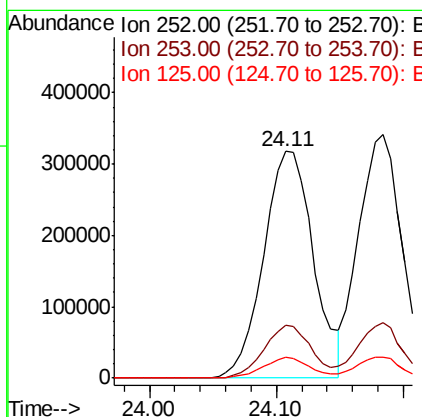
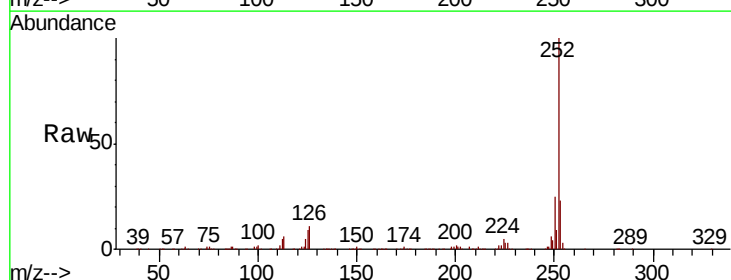
Instrument :
BNA_G
ClientSampleId :
PB117574BS

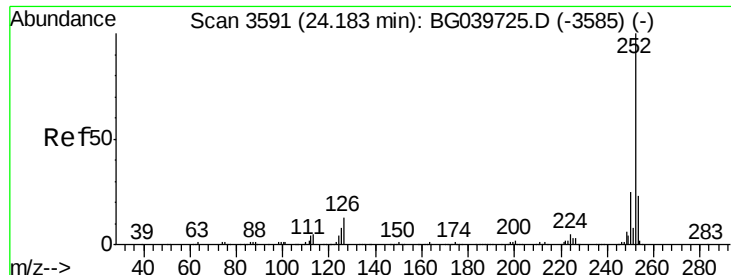
Tgt Ion:264 Resp: 349773
Ion Ratio Lower Upper
264 100
260 22.5 18.2 27.4
265 20.7 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 41.495 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:252 Resp: 865495
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 9.2 7.8 11.6

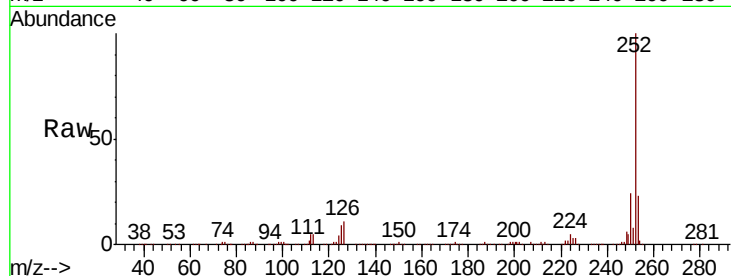




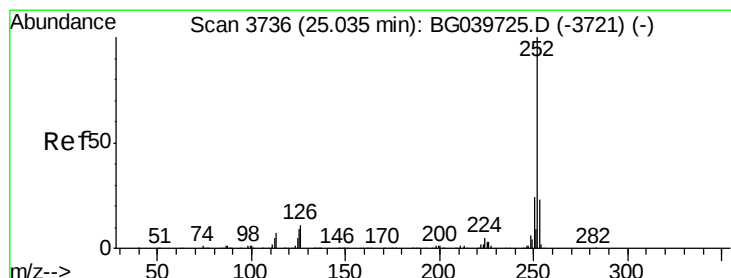
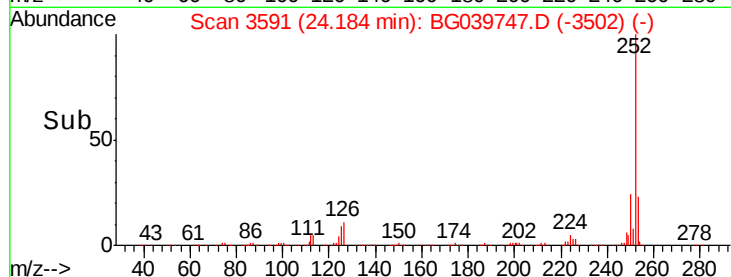
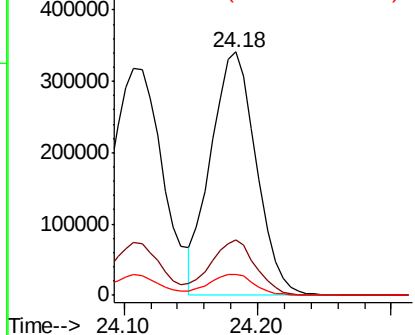
#89
Benzo(k)fluoranthene
Concen: 41.515 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:252 Resp: 806020
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.8 7.4 11.2

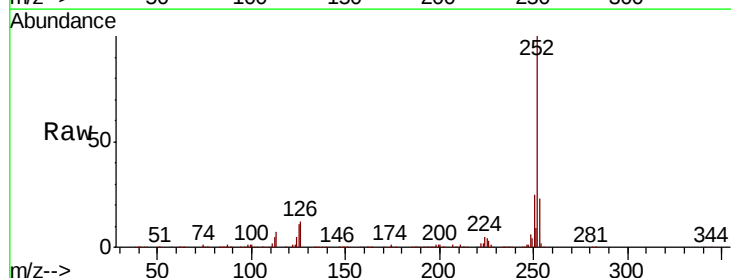


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

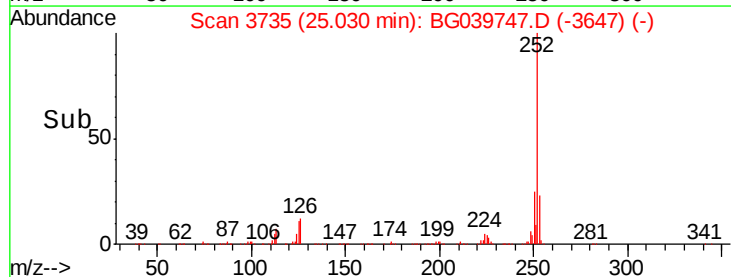
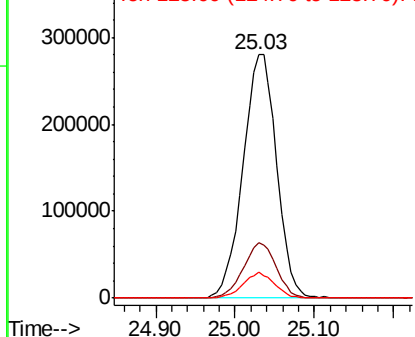


#90
Benzo(a)pyrene
Concen: 42.865 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:252 Resp: 826161
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.9 8.3 12.5



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

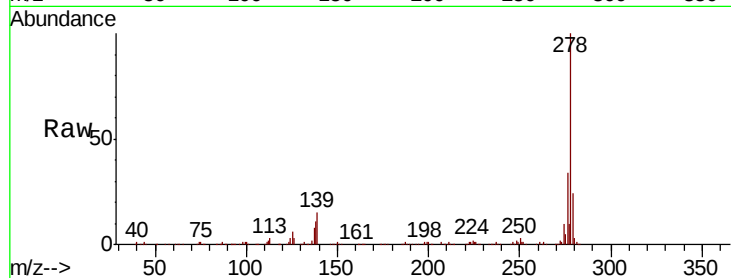




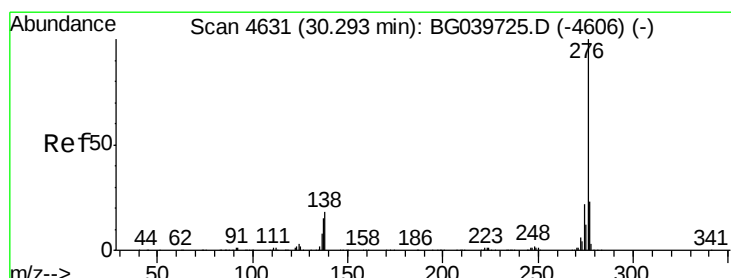
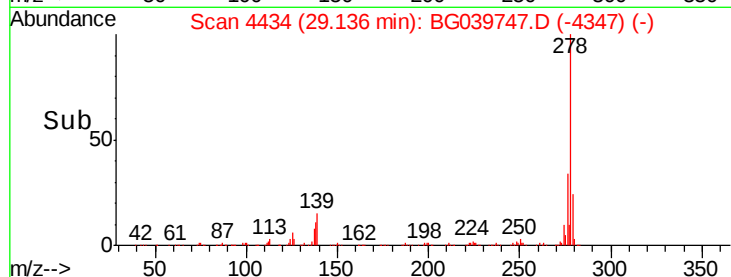
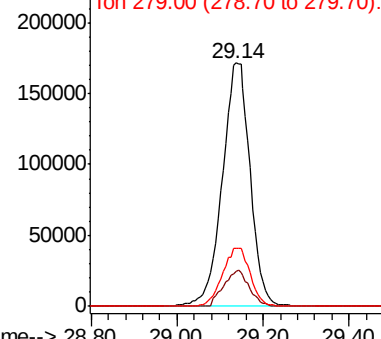
#91
Dibenzo(a,h)anthracene
Concen: 41.669 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.7	17.5
279	23.7	19.1	28.7

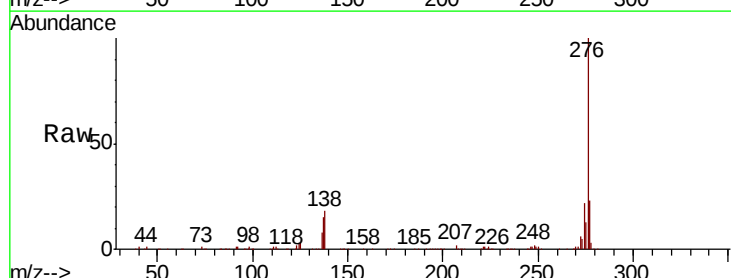


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.569 ng
RT: 30.30 min Scan# 4632
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.6	29.4
138	18.0	14.7	22.1



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

