

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039827.D
 Acq On : 8 Mar 2019 18:54
 Operator : JU/SJ
 Sample : PB117735BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:12:50 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	40081	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	180987	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	127606	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	318295	20.00	ng	0.00
76) Chrysene-d12	21.81	240	321470	20.00	ng	-0.02
87) Perylene-d12	25.18	264	329257	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	236773	100.78	ng	0.00
7) Phenol-d6	7.30	99	345537	98.64	ng	-0.02
23) Nitrobenzene-d5	9.33	82	195801	58.51	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	135909	91.38	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	504381	56.28	ng	-0.02
79) Terphenyl-d14	20.12	244	847762	58.06	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	24168	22.282	ng	96
3) Pyridine	3.99	79	66057	22.748	ng	99
4) n-Nitrosodimethylamine	3.91	42	35639	25.871	ng	88
6) Aniline	7.47	93	54945	11.972	ng	96
8) 2-Chlorophenol	7.71	128	82930	29.096	ng	96
9) Benzaldehyde	7.30	77	43230	19.131	ng	94
10) Phenol	7.33	94	113994	30.038	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	76761	25.943	ng	96
12) 1,3-Dichlorobenzene	8.04	146	81247	25.204	ng	97
13) 1,4-Dichlorobenzene	8.19	146	84182	25.638	ng	96
14) 1,2-Dichlorobenzene	8.51	146	81837	25.796	ng	96
15) Benzyl Alcohol	8.39	79	76064	27.373	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	151265	25.561	ng	98
17) 2-Methylphenol	8.58	107	72481	29.953	ng	98
18) Hexachloroethane	9.24	117	29073	24.676	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	62667	24.854	ng	97
20) 3+4-Methylphenols	8.91	107	100830	29.994	ng	95
22) Acetophenone	8.98	105	122772	25.274	ng	# 94
24) Nitrobenzene	9.37	77	93974	26.769	ng	96
25) Isophorone	9.88	82	180143	25.691	ng	99
26) 2-Nitrophenol	10.08	139	46016	27.148	ng	97
27) 2,4-Dimethylphenol	10.12	122	88298	33.495	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	111555	26.180	ng	99
29) 2,4-Dichlorophenol	10.61	162	93073	31.358	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	88056	26.365	ng	99
31) Naphthalene	11.03	128	255550	26.668	ng	98
32) Benzoic acid	10.24	122	41253	26.257	ng	96
33) 4-Chloroaniline	11.14	127	45316	11.152	ng	98
34) Hexachlorobutadiene	11.29	225	56451	24.735	ng	95
35) Caprolactam	11.91	113	30470	26.875	ng	# 90
36) 4-Chloro-3-methylphenol	12.24	107	102054	29.995	ng	99
37) 2-Methylnaphthalene	12.62	142	199018	27.780	ng	99
38) 1-Methylnaphthalene	12.84	142	189884	27.274	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	109456	25.320	ng	98

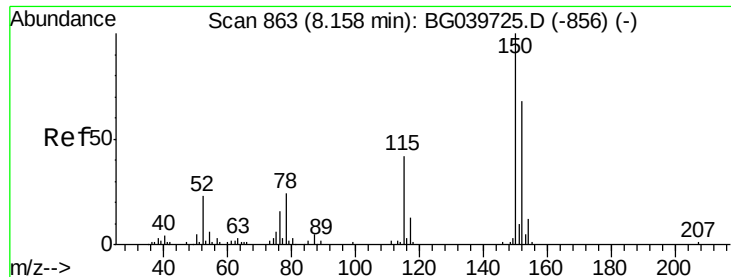
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039827.D
 Acq On : 8 Mar 2019 18:54
 Operator : JU/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	136528	58.932	ng	97
43) 2,4,6-Trichlorophenol	13.21	196	78042	30.836	ng	95
44) 2,4,5-Trichlorophenol	13.29	196	83318	29.206	ng	98
46) 1,1'-Biphenyl	13.61	154	273744	26.082	ng	99
47) 2-Chloronaphthalene	13.67	162	211272	26.758	ng	98
48) 2-Nitroaniline	13.87	65	72727	28.662	ng	90
49) Acenaphthylene	14.51	152	345805	26.679	ng	99
50) Dimethylphthalate	14.22	163	289438	27.126	ng	100
51) 2,6-Dinitrotoluene	14.36	165	63091	27.891	ng	93
52) Acenaphthene	14.85	154	208553	26.733	ng	97
53) 3-Nitroaniline	14.69	138	35796	15.742	ng	# 93
54) 2,4-Dinitrophenol	14.89	184	41928	32.717	ng	97
55) Dibenzofuran	15.17	168	345367	26.983	ng	99
56) 4-Nitrophenol	14.98	139	108606	53.392	ng	93
57) 2,4-Dinitrotoluene	15.14	165	92980	29.253	ng	# 86
58) Fluorene	15.82	166	278117	27.640	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	84550	30.347	ng	97
60) Diethylphthalate	15.57	149	291627	27.609	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	145623	27.121	ng	97
62) 4-Nitroaniline	15.85	138	68334	27.721	ng	95
63) Azobenzene	16.10	77	266368	27.819	ng	96
65) 4,6-Dinitro-2-methylphenol	15.90	198	42850	22.769	ng	97
66) n-Nitrosodiphenylamine	16.03	169	256330	27.817	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	95549	26.819	ng	95
68) Hexachlorobenzene	16.82	284	98931	26.788	ng	94
69) Atrazine	16.97	200	101667	28.034	ng	96
70) Pentachlorophenol	17.17	266	109167	46.805	ng	98
71) Phenanthrene	17.57	178	478608	27.299	ng	100
72) Anthracene	17.66	178	481819	28.202	ng	100
73) Carbazole	17.93	167	429210	27.867	ng	97
74) Di-n-butylphthalate	18.46	149	519003	28.640	ng	100
75) Fluoranthene	19.57	202	579628	27.975	ng	97
77) Benzidine	19.75	184	152684	14.967	ng	99
78) Pyrene	19.93	202	577905	27.665	ng	98
80) Butylbenzylphthalate	20.80	149	236521	29.225	ng	93
81) Benzo(a)anthracene	21.79	228	540700	26.837	ng	98
82) 3,3'-Dichlorobenzidine	21.71	252	100912	13.719	ng	100
83) Chrysene	21.86	228	521290	26.688	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	327788	28.822	ng	99
85) Di-n-octyl phthalate	22.91	149	562836	29.889	ng	95
86) Indeno(1,2,3-cd)pyrene	29.05	276	604407	27.276	ng	98
88) Benzo(b)fluoranthene	24.10	252	532137	27.102	ng	98
89) Benzo(k)fluoranthene	24.17	252	524943	28.722	ng	99
90) Benzo(a)pyrene	25.02	252	519688	28.644	ng	99
91) Dibenzo(a,h)anthracene	29.11	278	496268	27.901	ng	99
92) Benzo(g,h,i)perylene	30.27	276	490937	27.482	ng	96

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

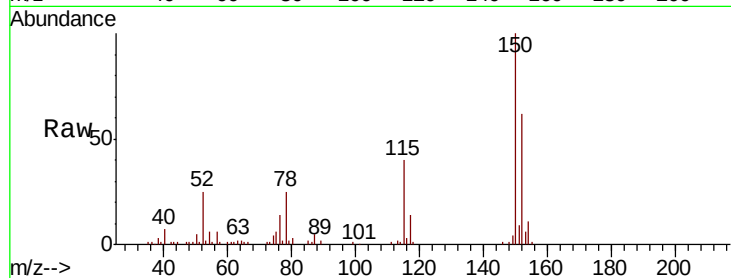


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	123.7	185.5
115	65.1	45.9	68.9

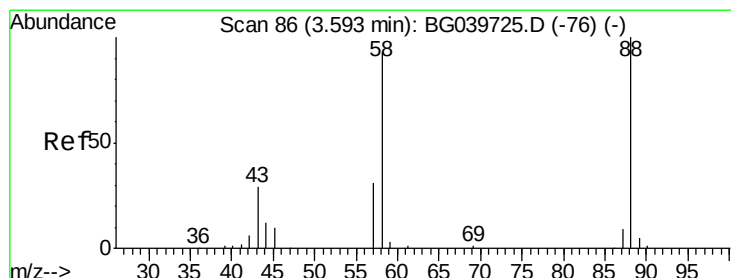
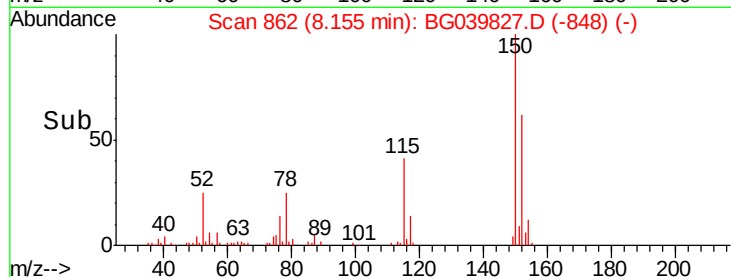
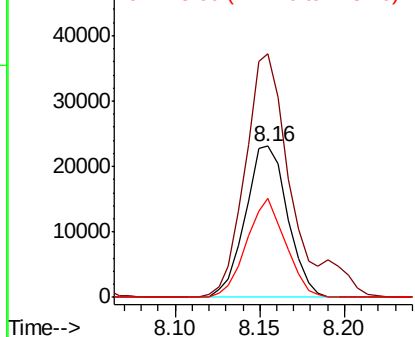


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

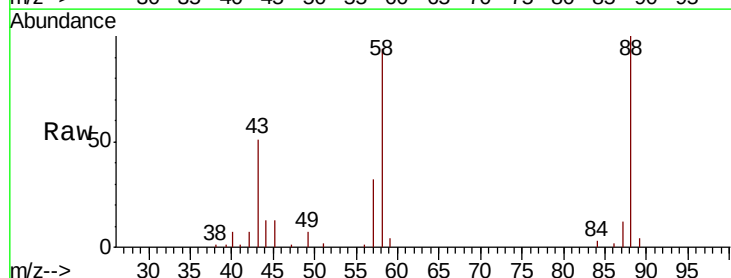
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.282 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.7	81.1	121.7
43	42.8	31.4	47.0

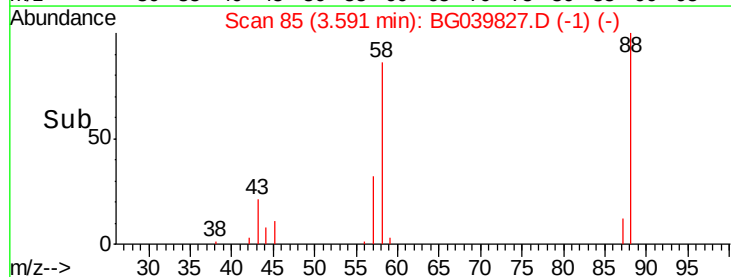
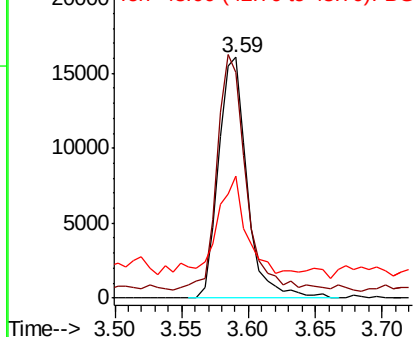


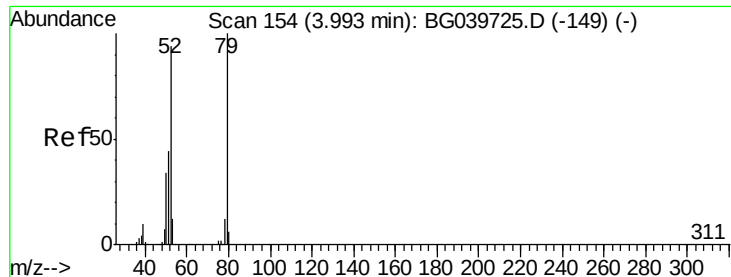
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvrindine

Concen: 22.748 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

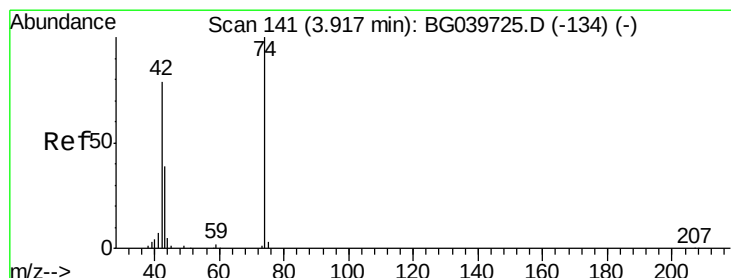
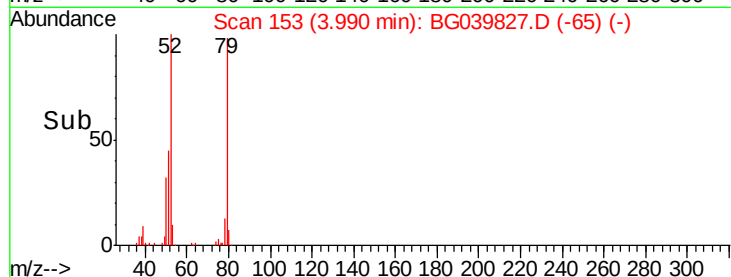
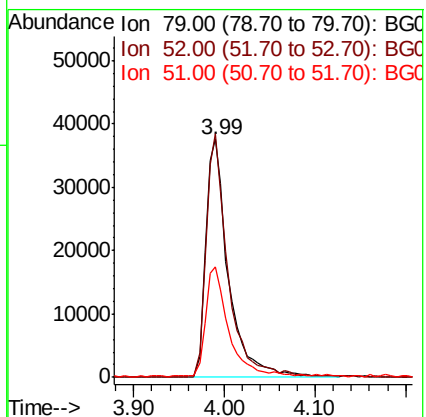
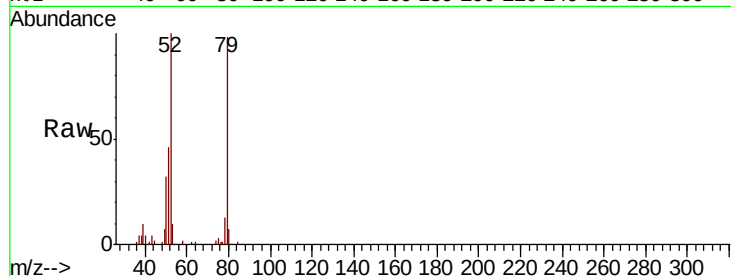
Tot Ion: 79 Resp: 66057

Ion Ratio Lower Upper

79 100

52 102.3 82.6 124.0

51 46.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 25.871 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

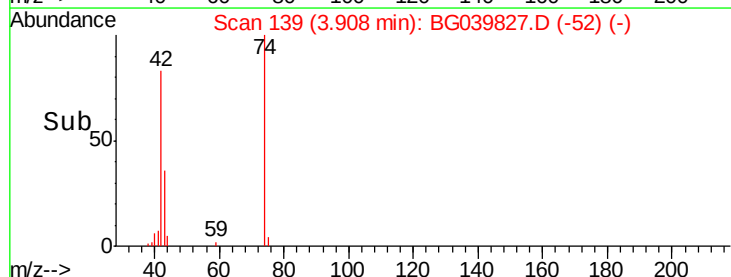
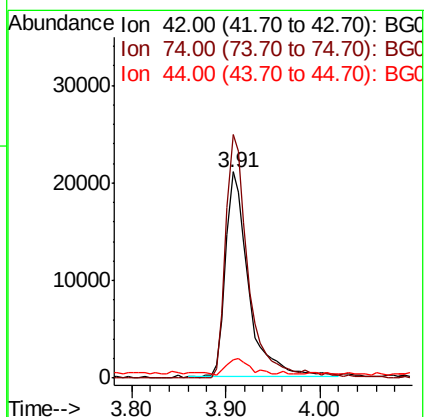
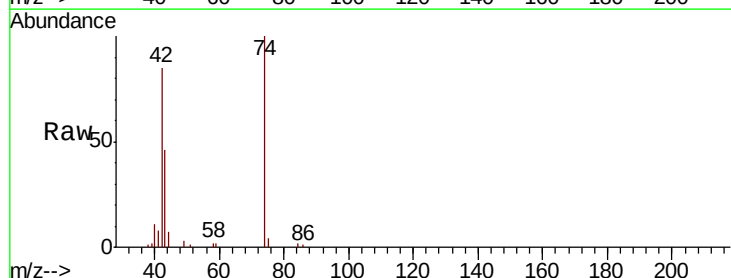
Tgt Ion: 42 Resp: 35639

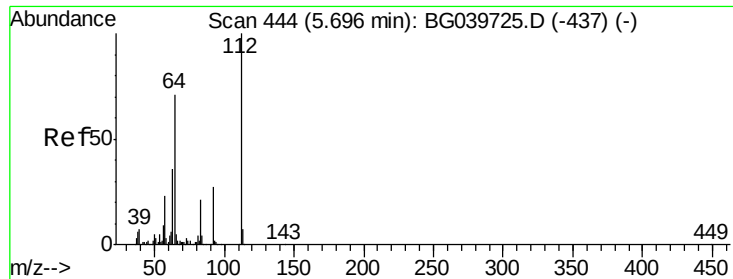
Ion Ratio Lower Upper

42 100

74 118.0 83.6 125.4

44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 100.780 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

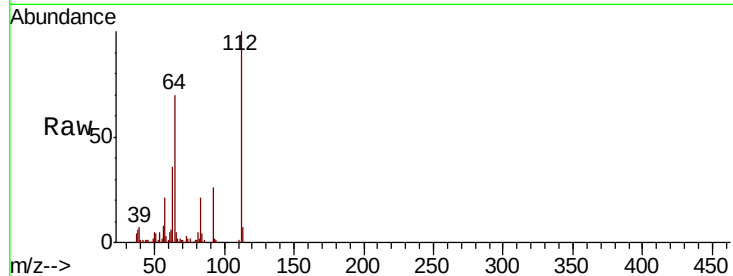
Tot Ion:112 Resp: 236773

Ion Ratio Lower Upper

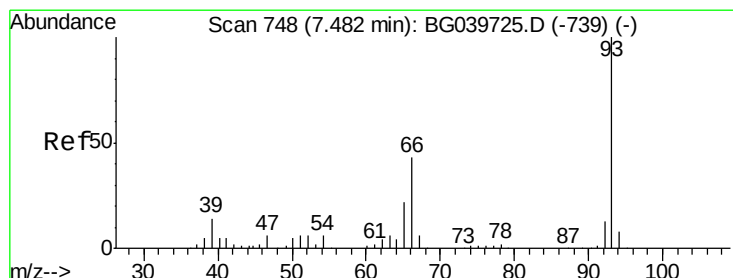
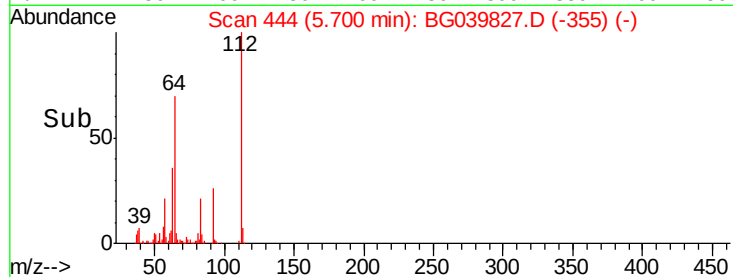
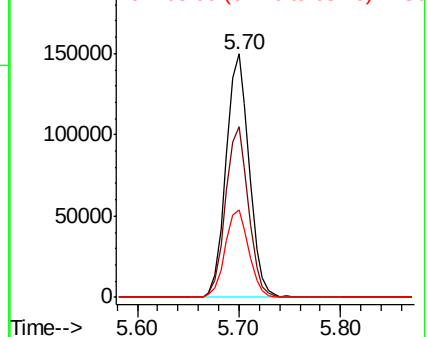
112 100

64 70.1 57.8 86.8

63 35.9 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: 11.972 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

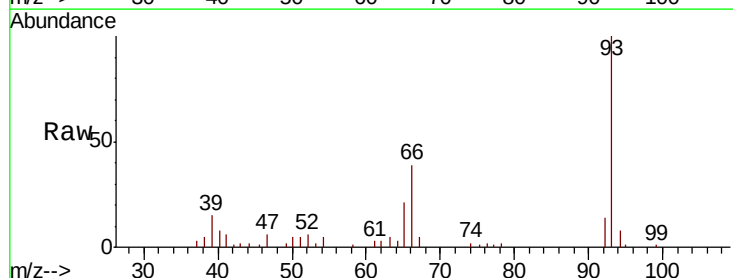
Tgt Ion: 93 Resp: 54945

Ion Ratio Lower Upper

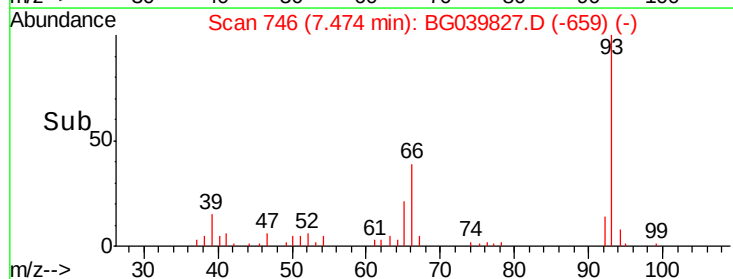
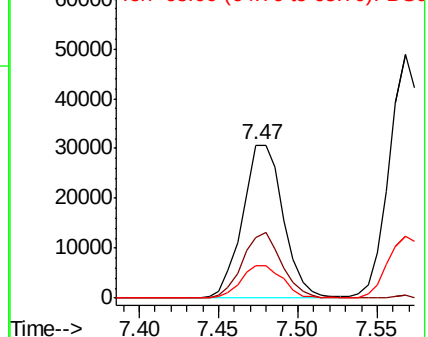
93 100

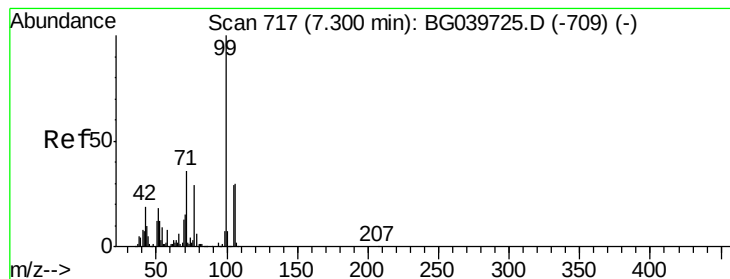
66 39.4 34.2 51.4

65 21.3 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: 98.638 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampled :

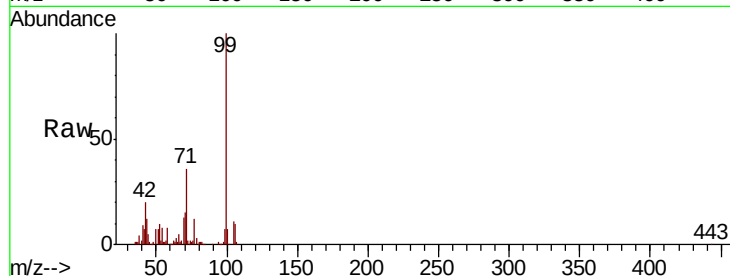
Tot Ion: 99 Resp: 345537

Ion Ratio Lower Upper

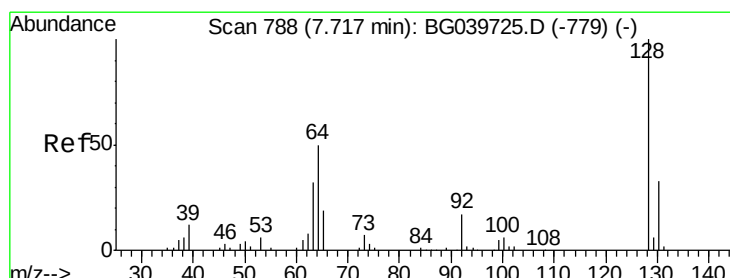
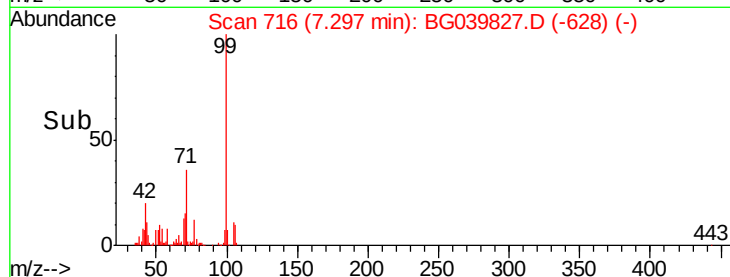
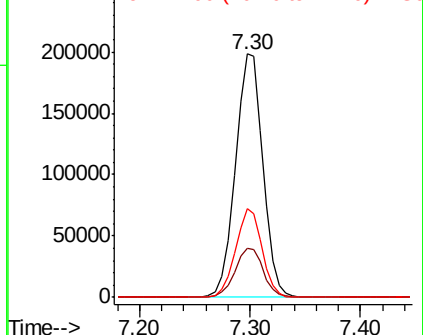
99 100

42 20.1 18.2 27.2

71 36.4 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: 29.096 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

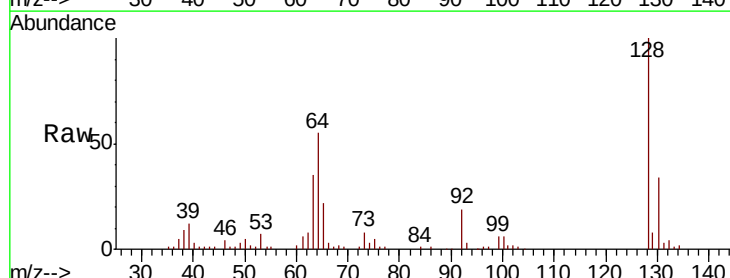
Tgt Ion: 128 Resp: 82930

Ion Ratio Lower Upper

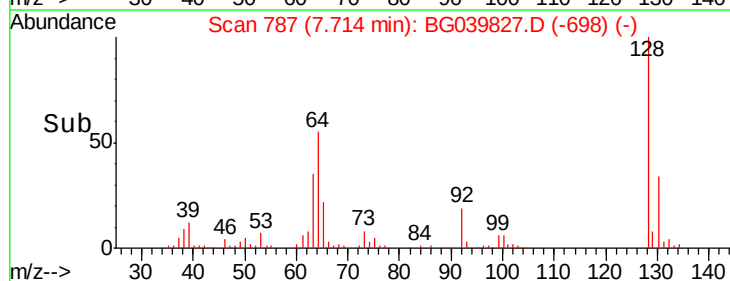
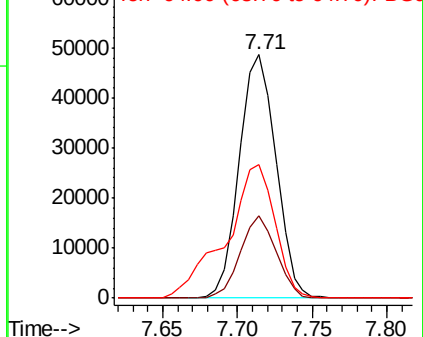
128 100

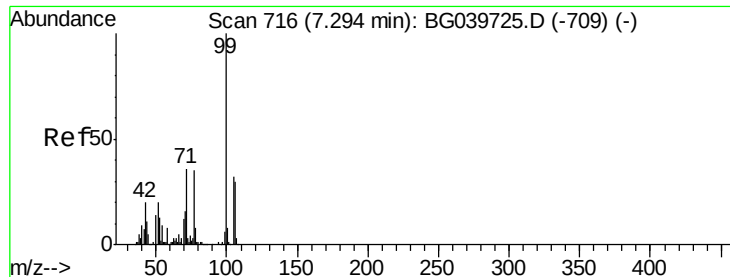
130 34.0 12.9 52.9

64 54.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 19.131 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

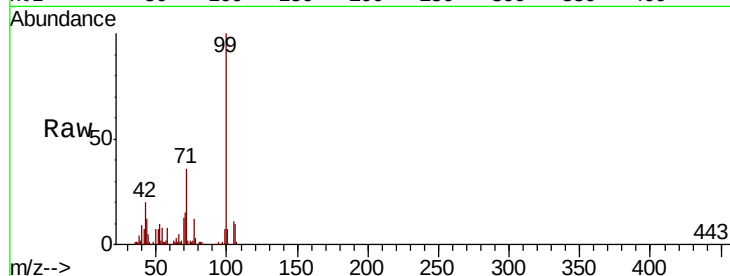
Tot Ion: 77 Resp: 43230

Ion Ratio Lower Upper

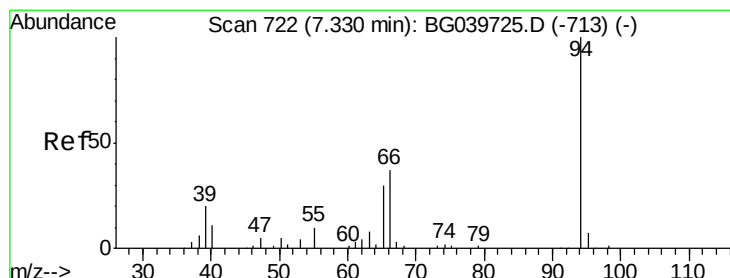
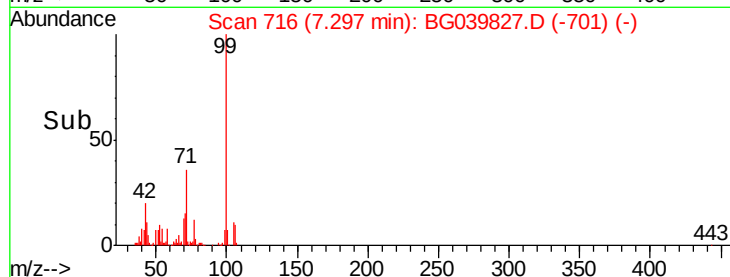
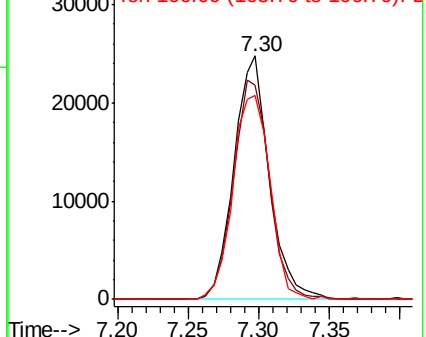
77 100

105 87.9 74.5 114.5

106 83.6 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: 30.038 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

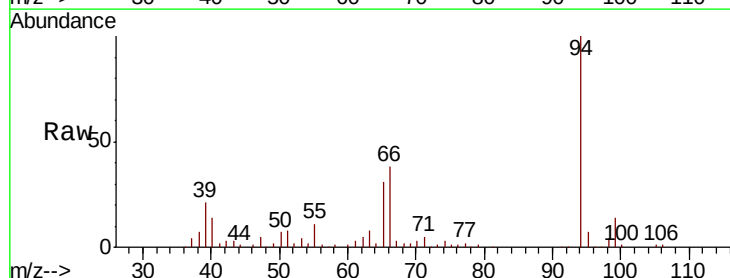
Tgt Ion: 94 Resp: 113994

Ion Ratio Lower Upper

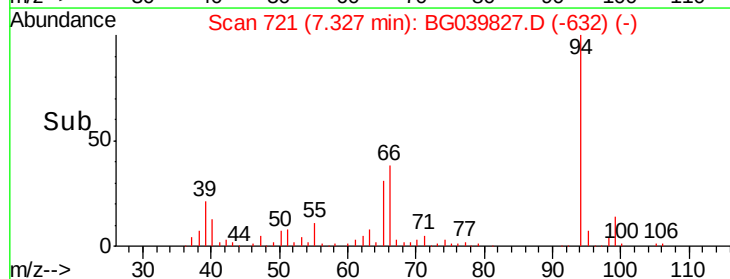
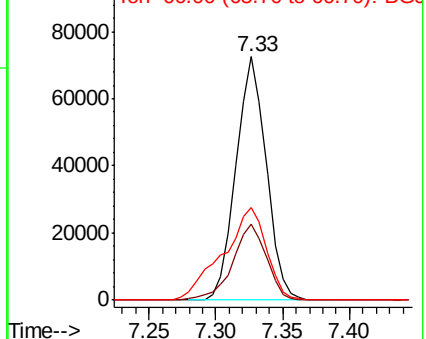
94 100

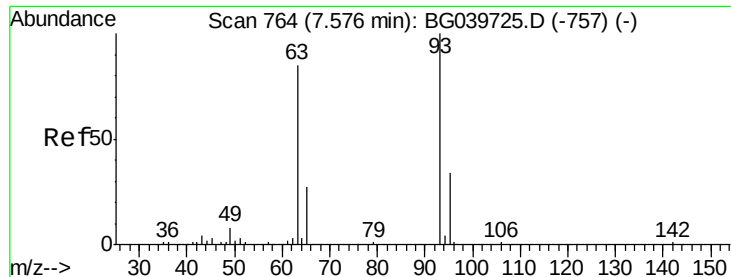
65 31.4 11.7 51.7

66 38.2 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: 25.943 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

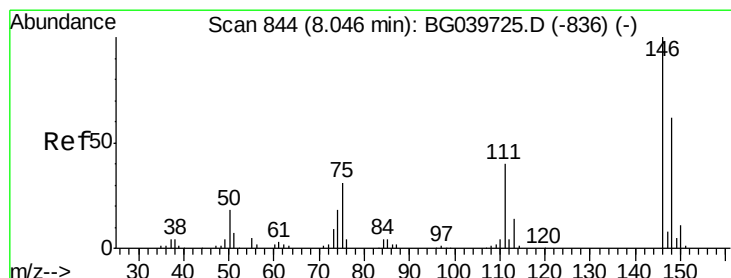
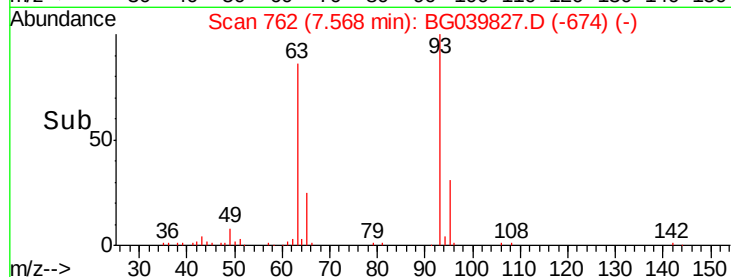
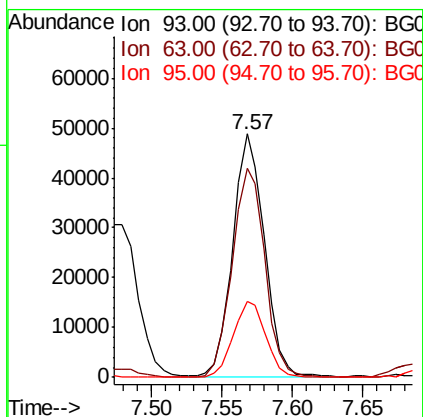
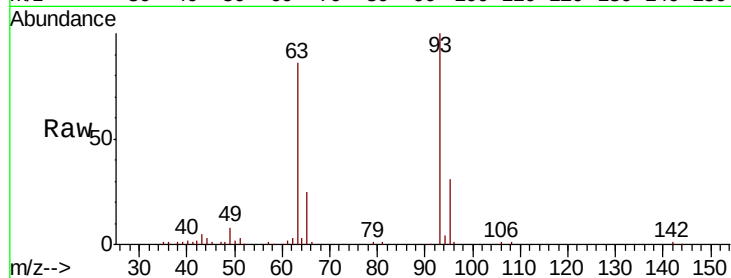
Tot Ion: 93 Resp: 76761

Ion Ratio Lower Upper

93 100

63 86.0 69.5 109.5

95 31.1 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 25.204 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

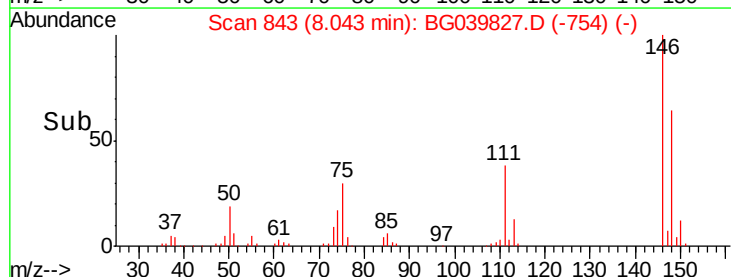
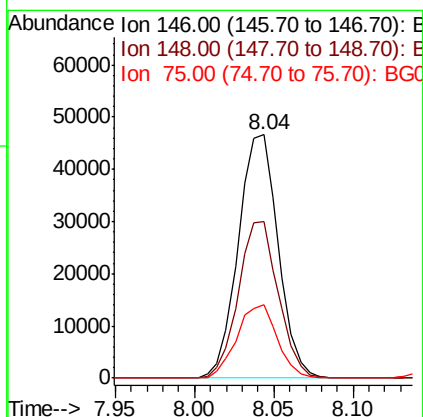
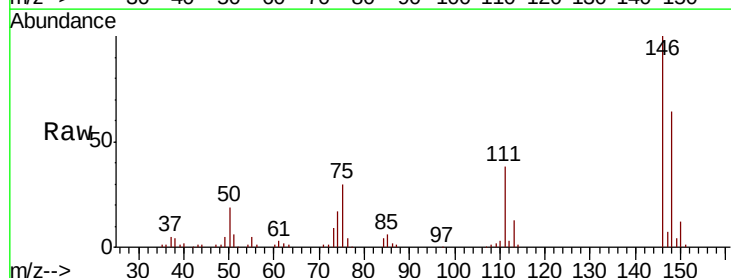
Tgt Ion: 146 Resp: 81247

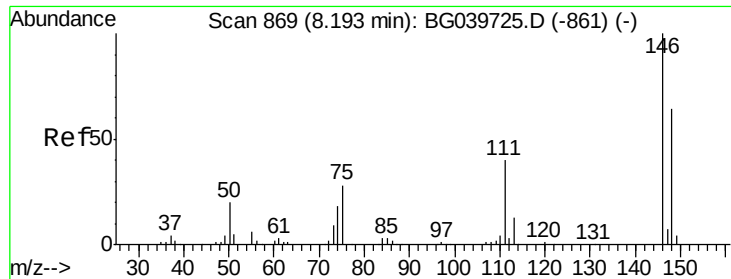
Ion Ratio Lower Upper

146 100

148 64.2 52.6 79.0

75 30.2 25.8 38.6

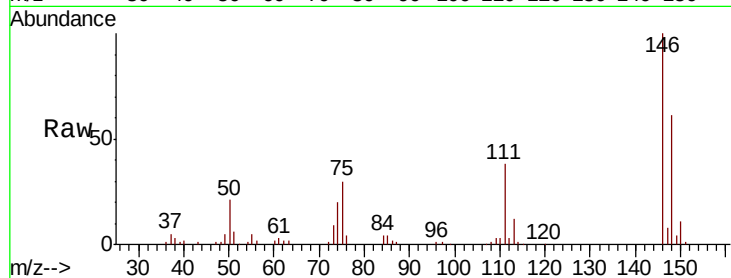




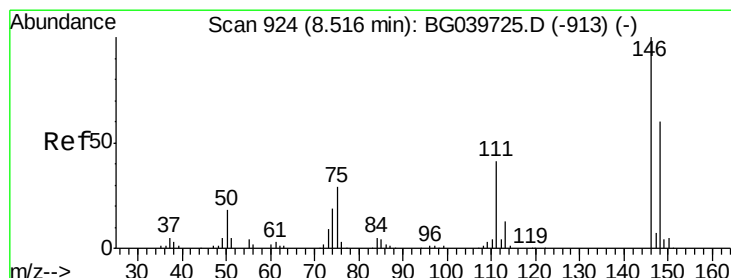
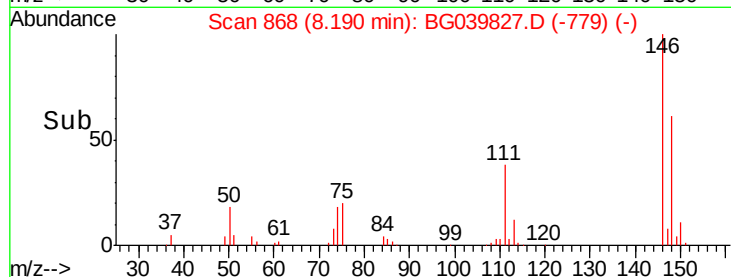
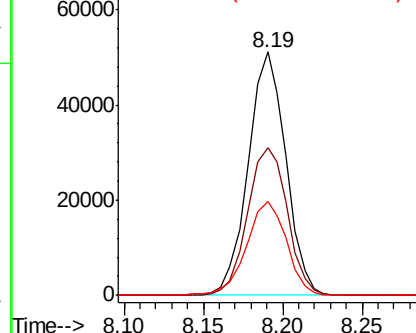
#13
 1,4-Dichlorobenzene
 Concen: 25.638 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 84182
 Ion Ratio Lower Upper
 146 100
 148 60.7 51.1 76.7
 111 38.5 32.6 48.8

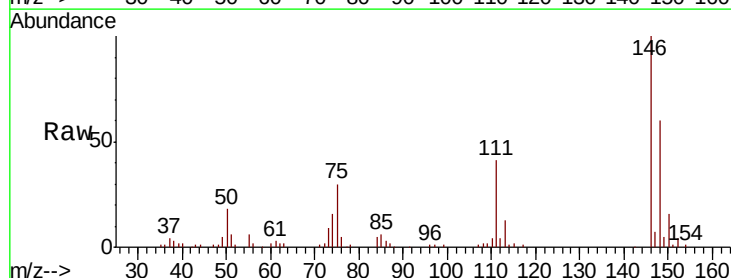


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

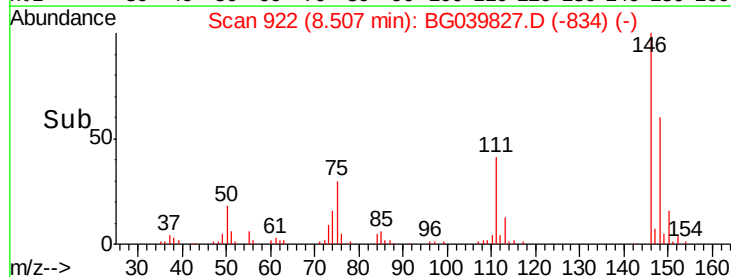
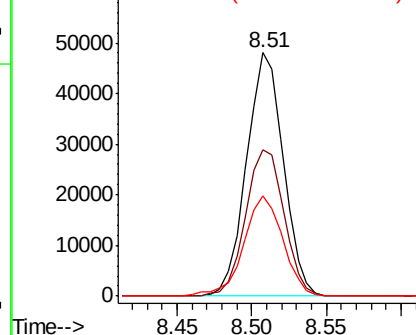


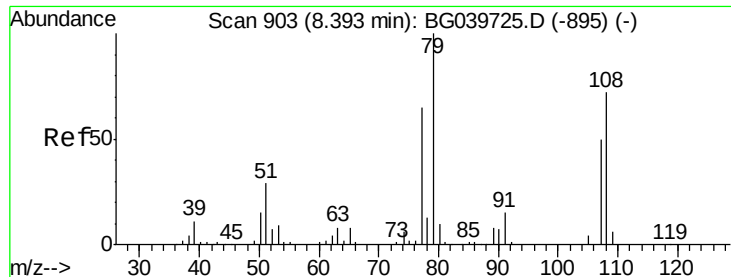
#14
 1,2-Dichlorobenzene
 Concen: 25.796 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion:146 Resp: 81837
 Ion Ratio Lower Upper
 146 100
 148 60.1 51.5 77.3
 111 41.1 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: 27.373 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

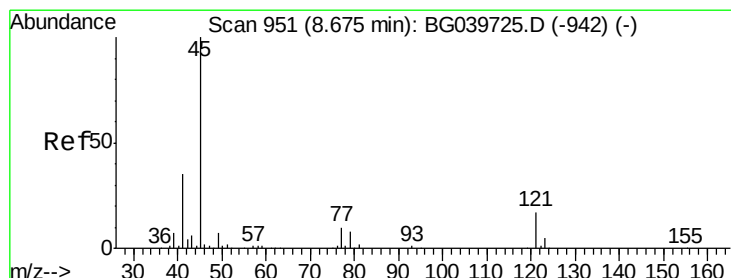
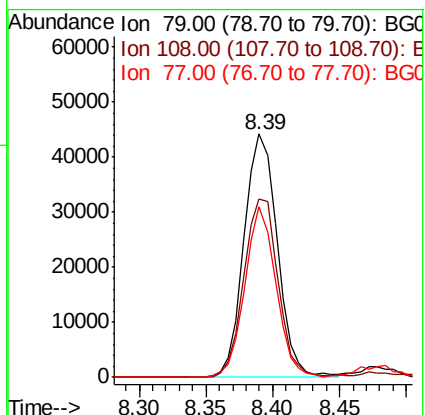
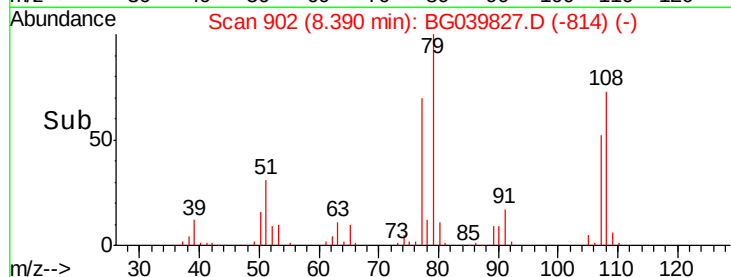
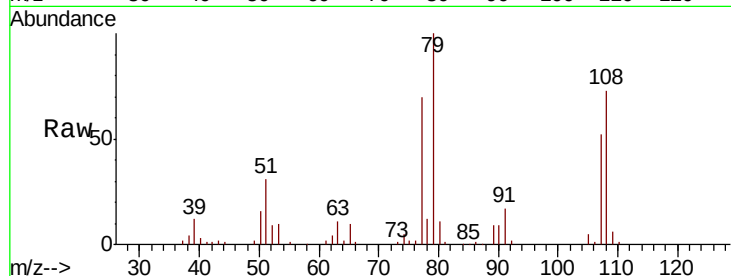
Tot Ion: 79 Resp: 76064

Ion Ratio Lower Upper

79 100

108 73.1 57.8 86.6

77 70.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.561 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

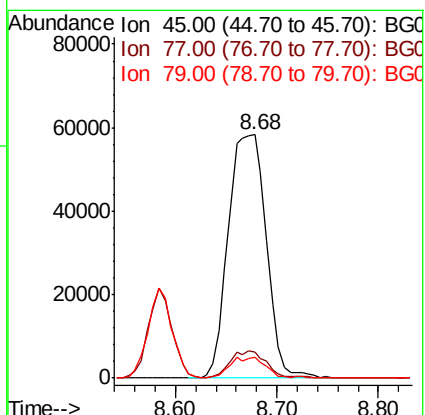
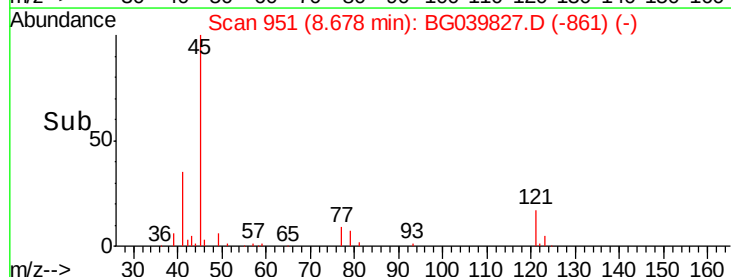
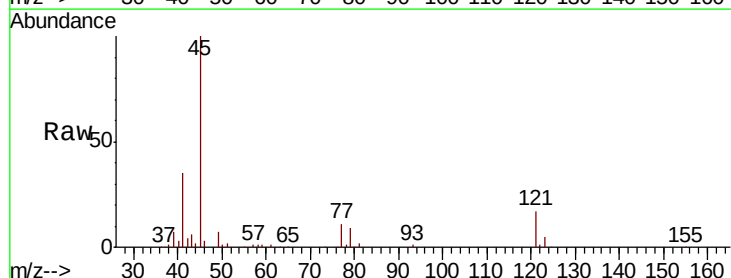
Tgt Ion: 45 Resp: 151265

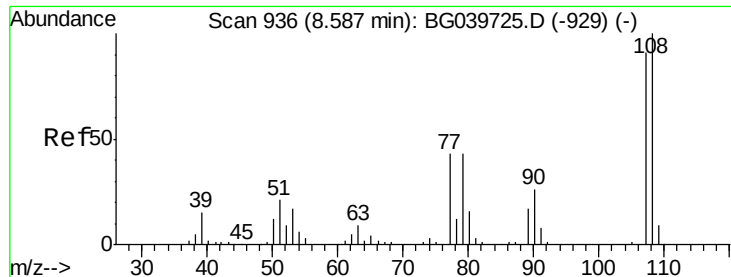
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.0

79 8.6 0.0 27.5

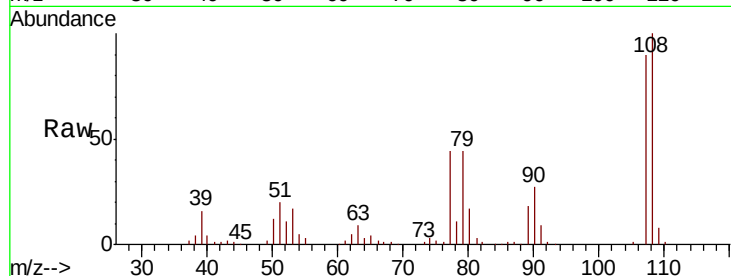




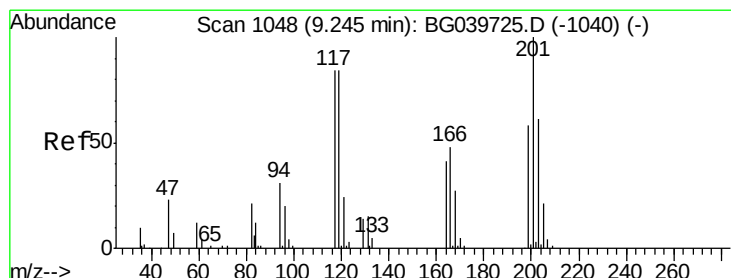
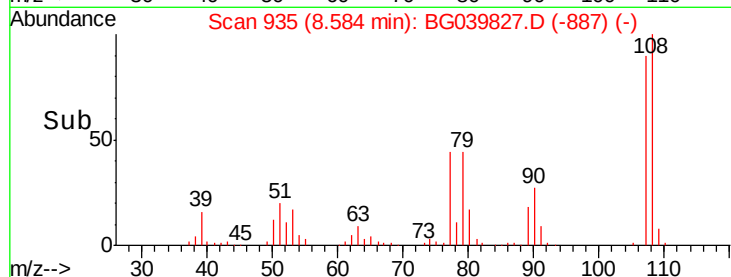
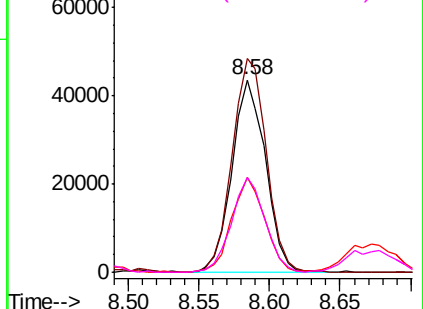
#17
2-Methylphenol
Concen: 29.953 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 72481
Ion Ratio Lower Upper
107 100
108 111.1 90.8 136.2
77 49.4 40.7 61.1
79 49.3 40.6 60.8

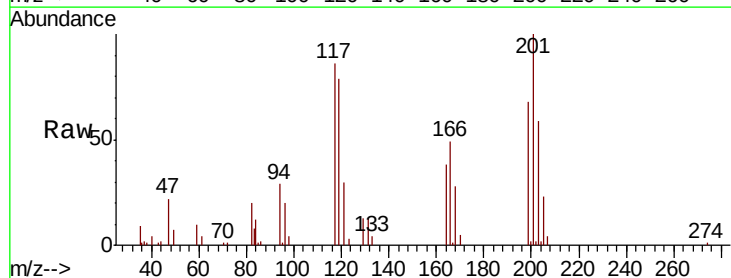


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

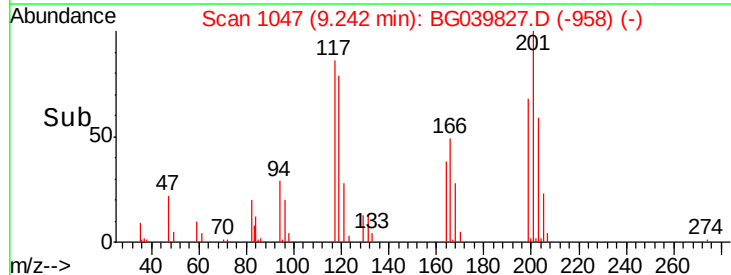
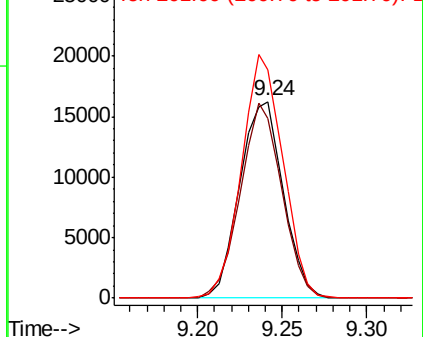


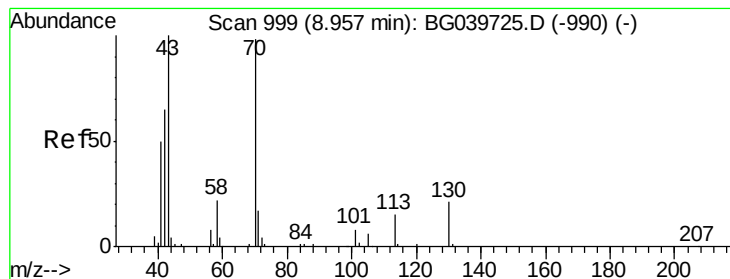
#18
Hexachloroethane
Concen: 24.676 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion:117 Resp: 29073
Ion Ratio Lower Upper
117 100
119 91.6 76.3 114.5
201 116.0 91.1 136.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 24.854 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 62667

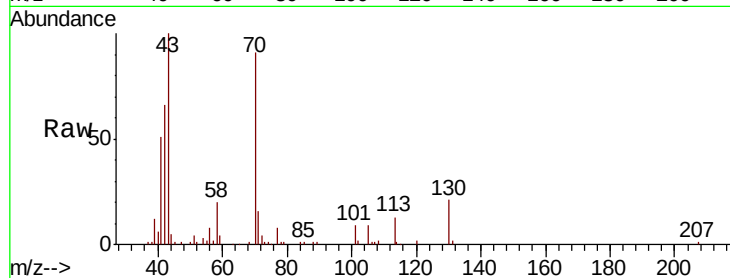
Ion Ratio Lower Upper

70 100

42 72.8 60.4 90.6

101 10.0 7.5 11.3

130 23.1 16.9 25.3



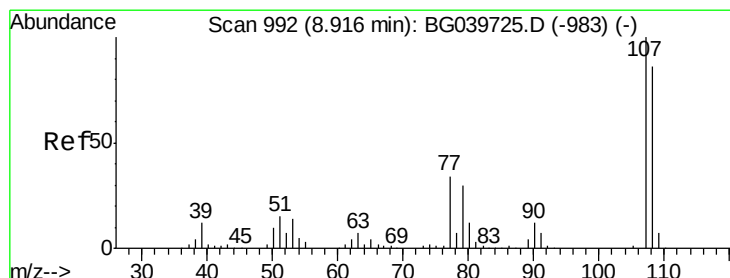
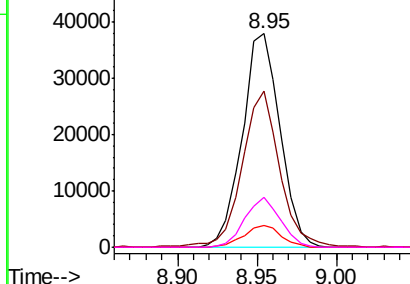
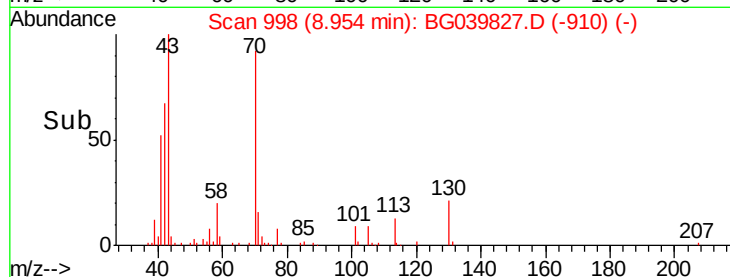
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 29.994 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Tgt Ion: 107 Resp: 100830

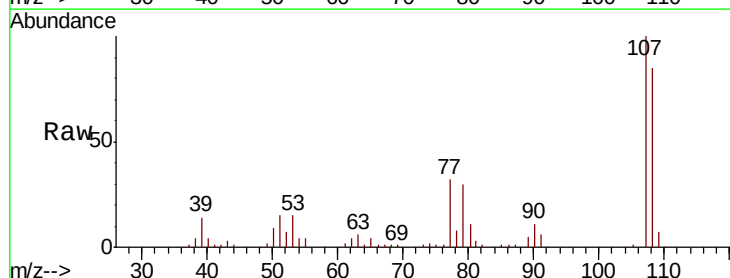
Ion Ratio Lower Upper

107 100

108 84.6 67.9 107.9

77 31.7 15.4 55.4

79 29.6 13.7 53.7



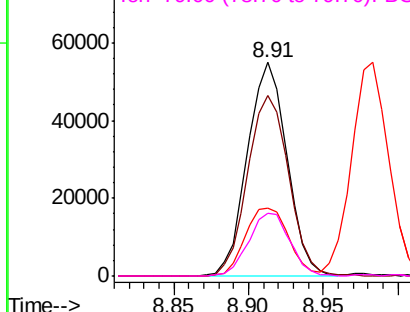
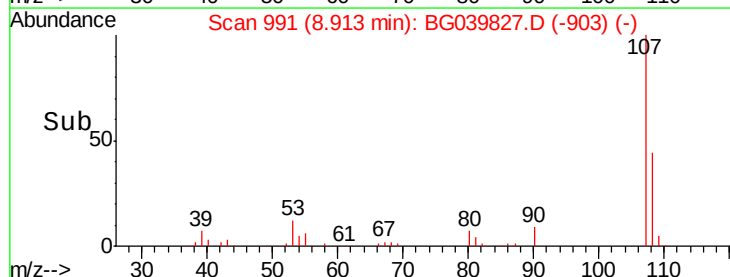
Abundance

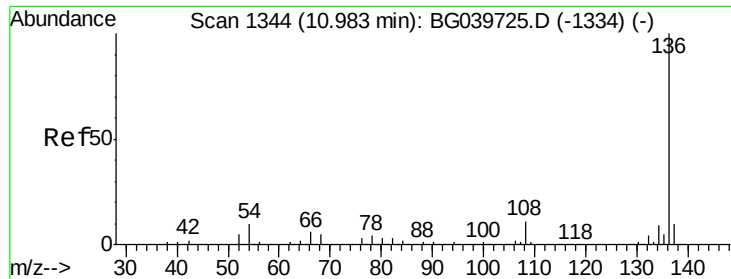
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

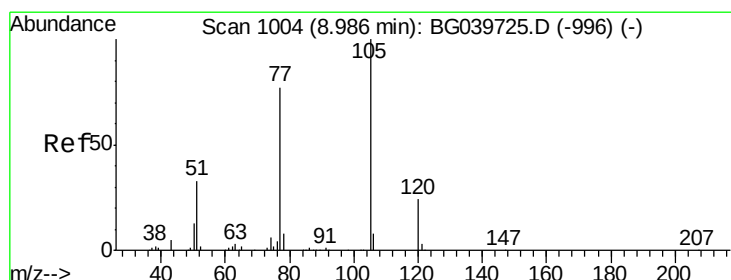
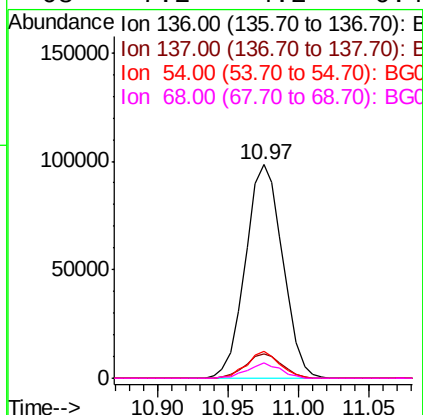
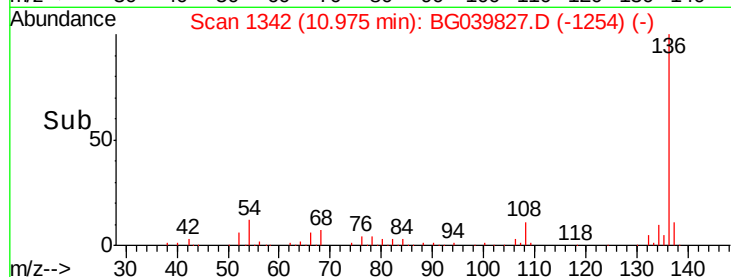
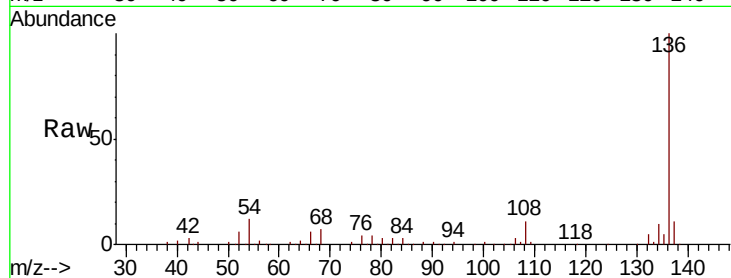




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

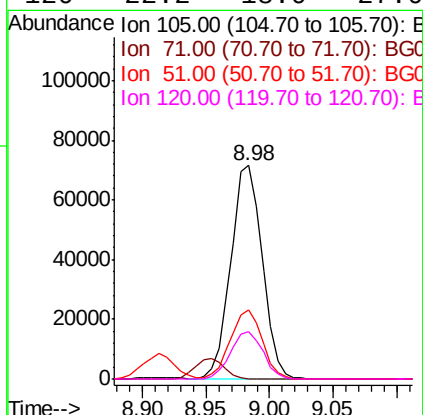
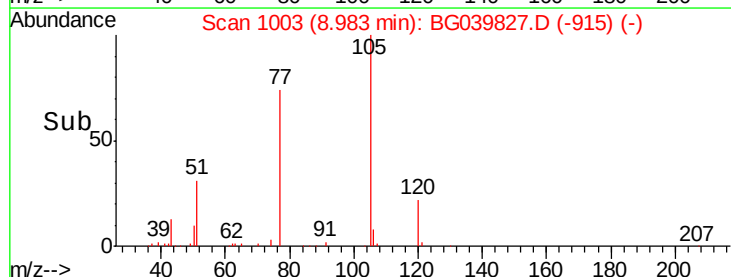
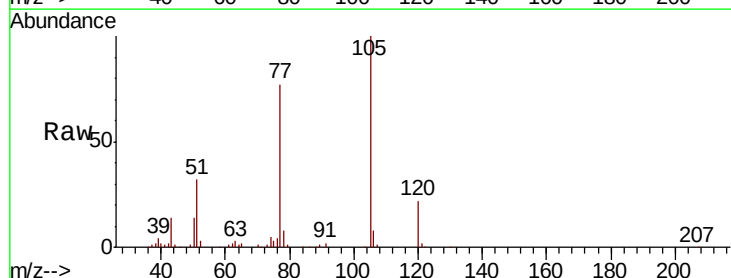
Instrument :
BNA_G
ClientSampleId :

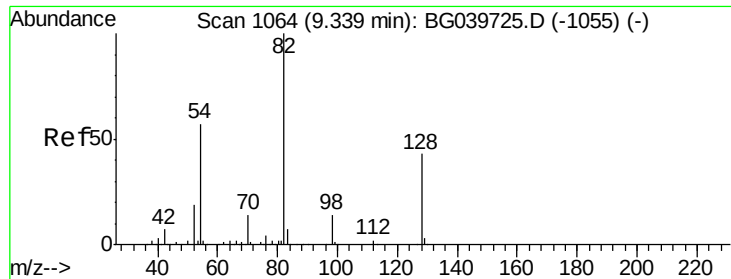
Tot Ion:136	Resp:	180987
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	12.5	9.4 14.2
68	7.2	4.2 6.4



#22
Acetophenone
Concen: 25.274 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion:105	Resp:	122772
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.8 1.2
51	32.4	30.2 45.2
120	22.2	18.0 27.0

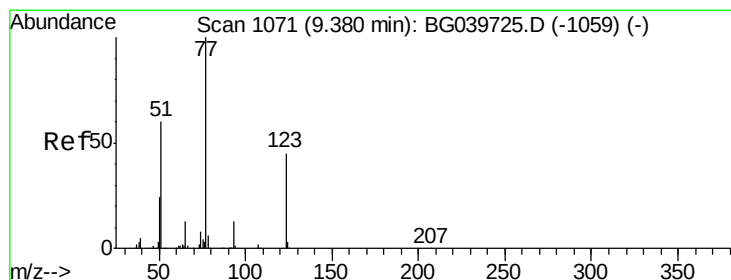
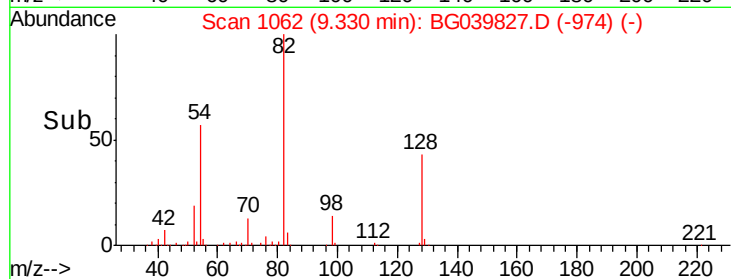
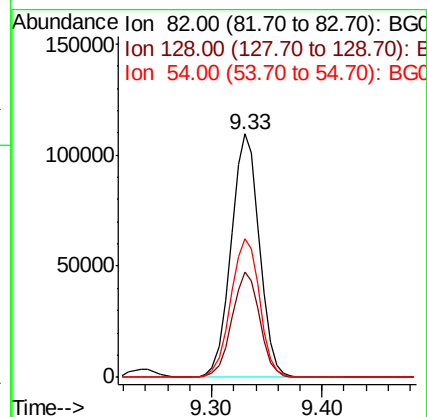
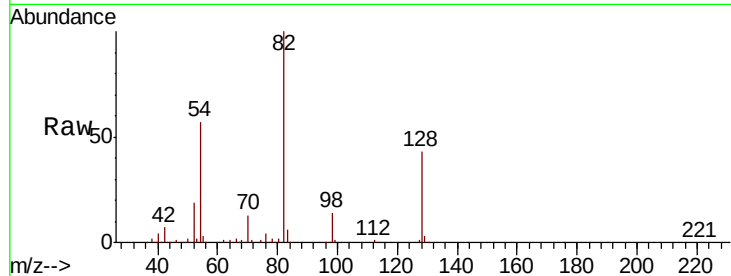




#23
Nitrobenzene-d5
Concen: 58.511 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

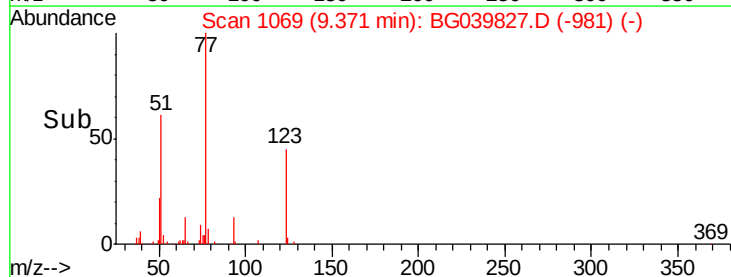
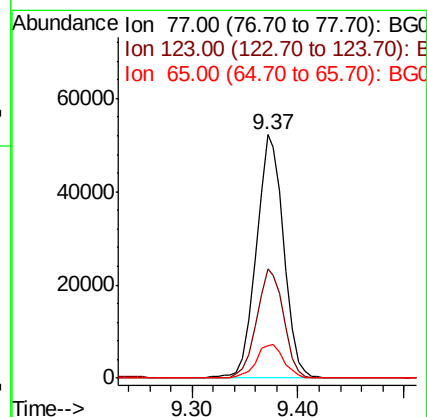
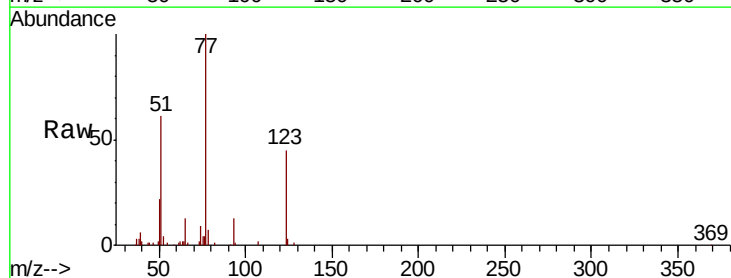
Instrument :
BNA_G
ClientSampled :

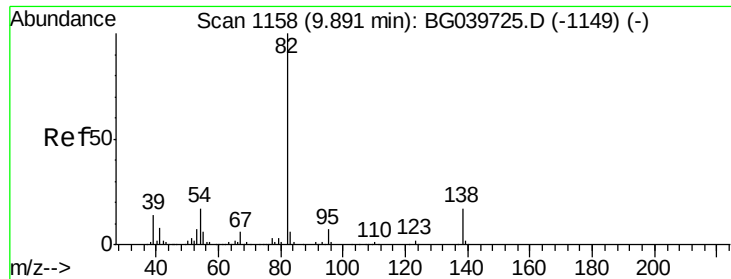
Tot Ion	82	Resp	195801
Ion Ratio	100	Lower	Upper
128	43.1	31.3	46.9
54	56.9	50.9	76.3



#24
Nitrobenzene
Concen: 26.769 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion	77	Resp	93974
Ion Ratio	100	Lower	Upper
123	45.0	34.1	51.1
65	13.2	12.3	18.5





#25

Isophorone

Concen: 25.691 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

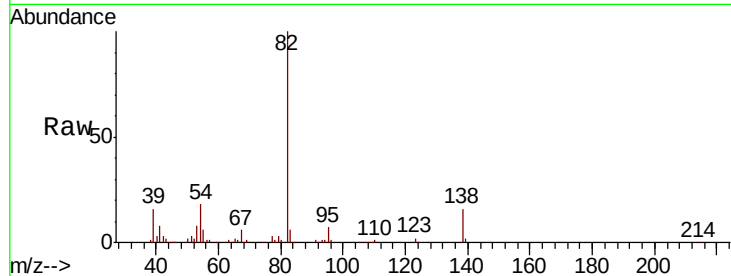
Tot Ion: 82 Resp: 180143

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

138 16.3 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039827.D (-1158) (-)

Ion 95.00 (94.70 to 95.70): BG039827.D (-1158) (-)

Ion 138.00 (137.70 to 138.70): BG039827.D (-1158) (-)

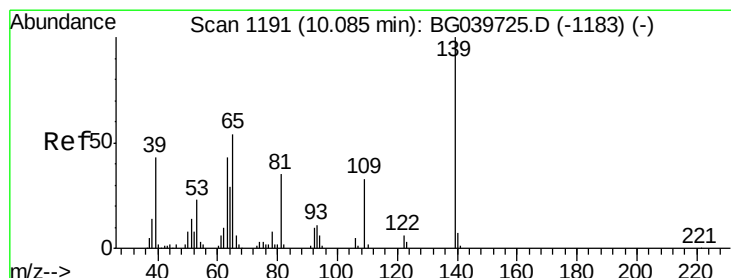
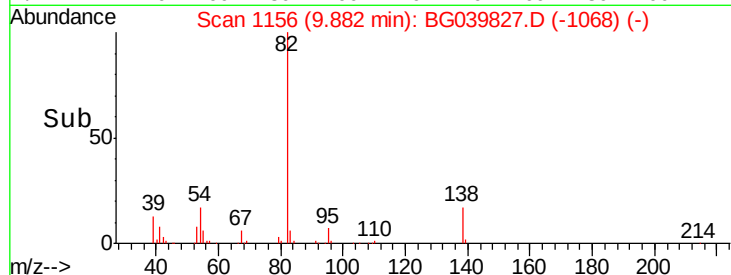
100000

50000

0

9.80 9.85 9.90 9.95

Time-->



#26

2-Nitrophenol

Concen: 27.148 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

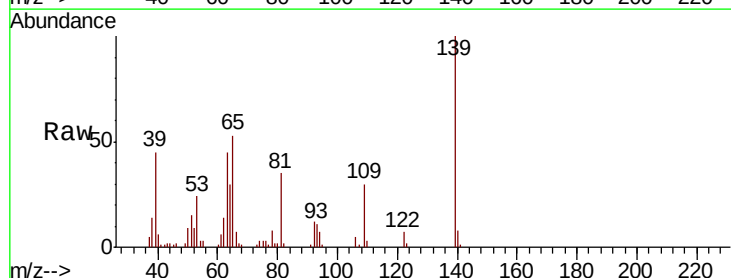
Tgt Ion: 139 Resp: 46016

Ion Ratio Lower Upper

139 100

109 30.4 23.4 35.0

65 53.2 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BG039827.D (-1191) (-)

Ion 109.00 (108.70 to 109.70): BG039827.D (-1191) (-)

Ion 65.00 (64.70 to 65.70): BG039827.D (-1191) (-)

30000

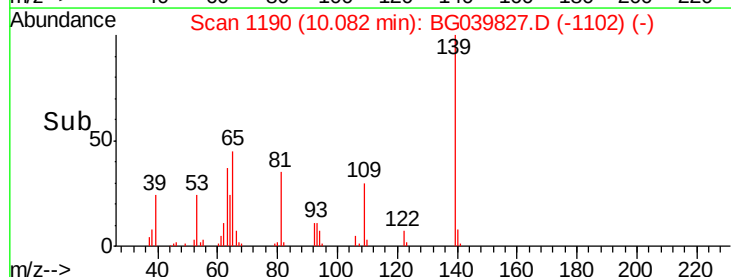
20000

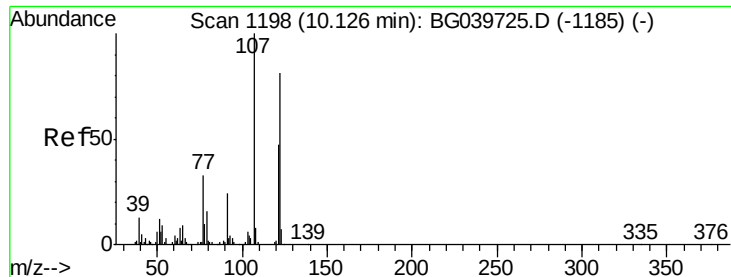
10000

0

10.00 10.05 10.10 10.15

Time-->

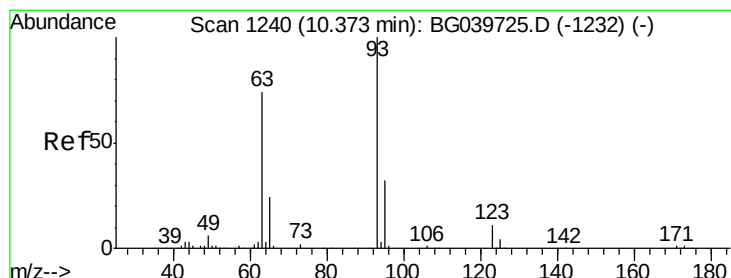
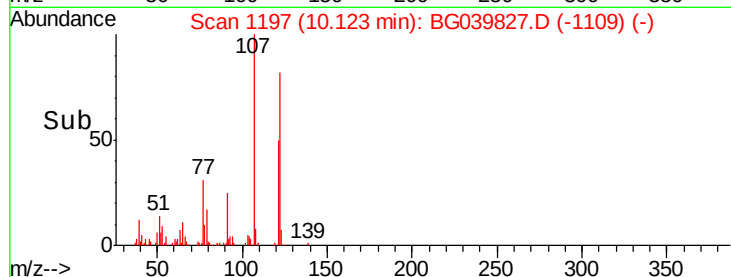
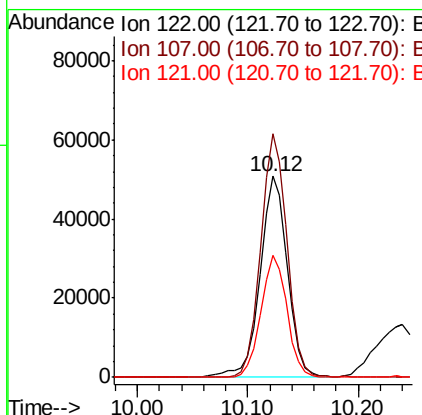
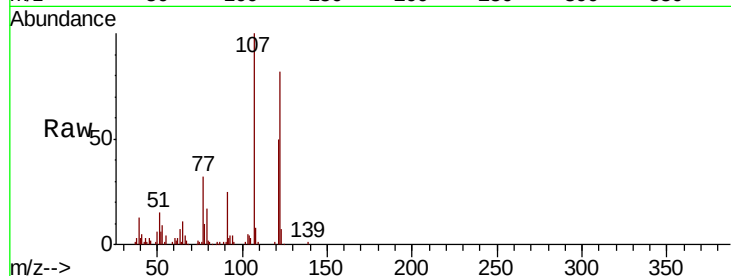




#27
2,4-Dimethylphenol
Concen: 33.495 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

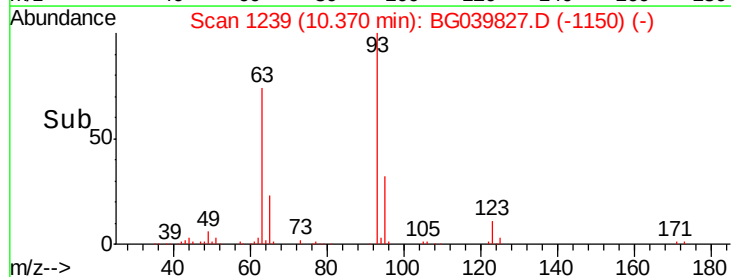
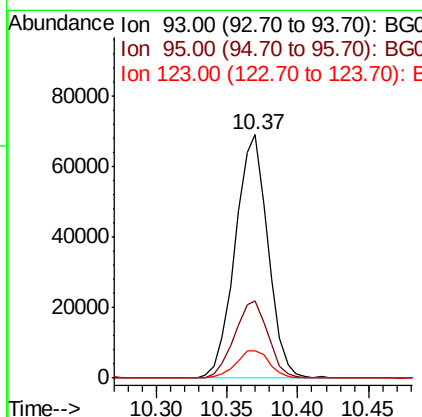
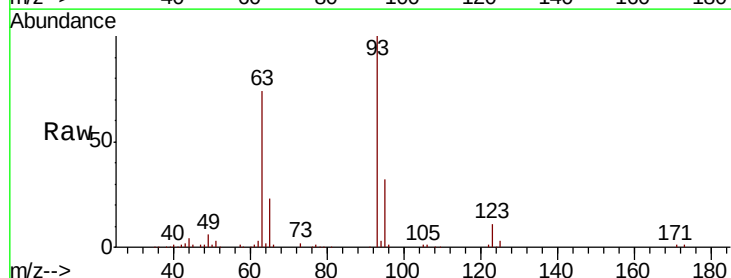
Instrument :
BNA_G
ClientSampleId :

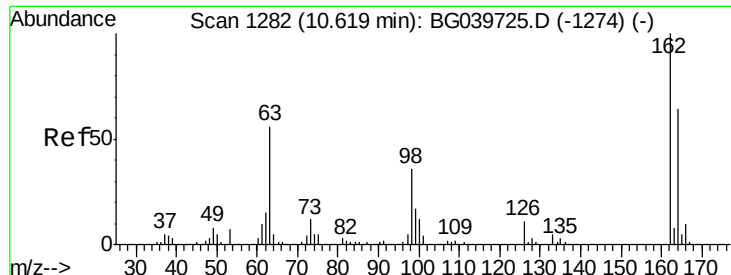
Tot Ion:122 Resp: 88298
Ion Ratio Lower Upper
122 100
107 121.3 91.7 137.5
121 60.9 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 26.180 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion: 93 Resp: 111555
Ion Ratio Lower Upper
93 100
95 31.9 25.0 37.4
123 11.0 8.6 12.8

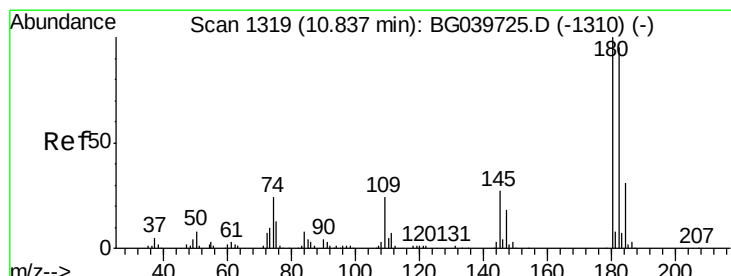
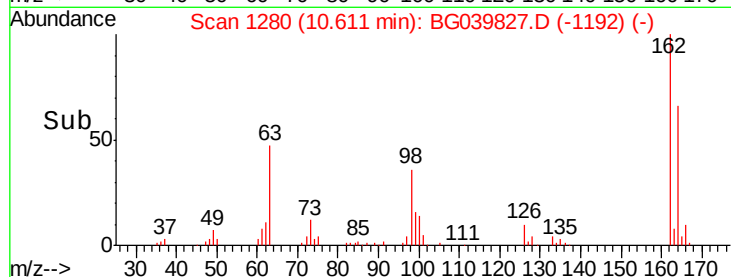
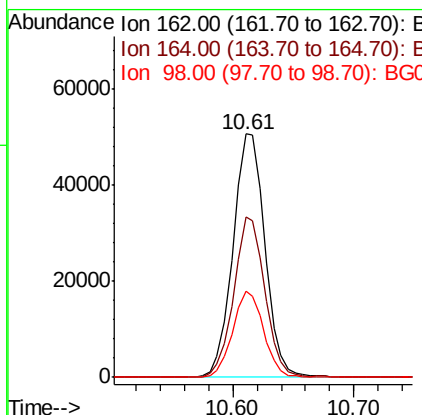
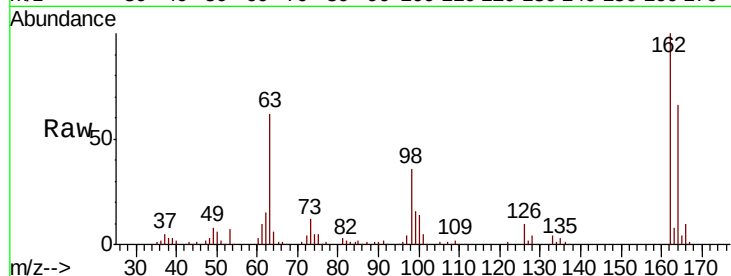




#29
 2,4-Dichlorophenol
 Concen: 31.358 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

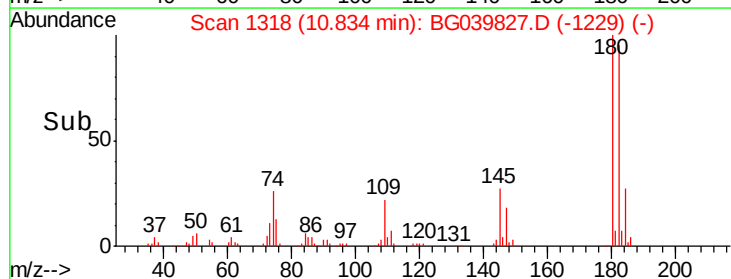
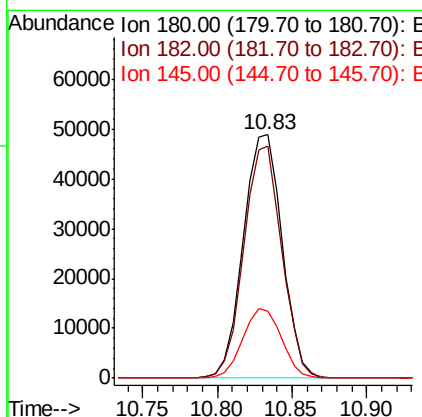
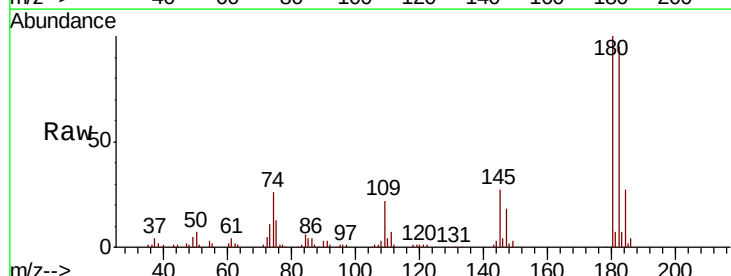
Instrument :
 BNA_G
 ClientSampleId :

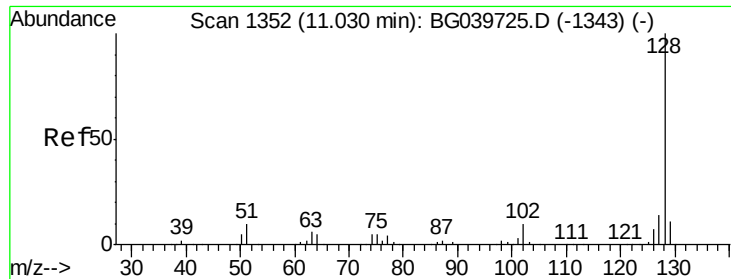
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	48.1	88.1
98	35.5	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 26.365 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.0	114.0
145	27.3	22.7	34.1

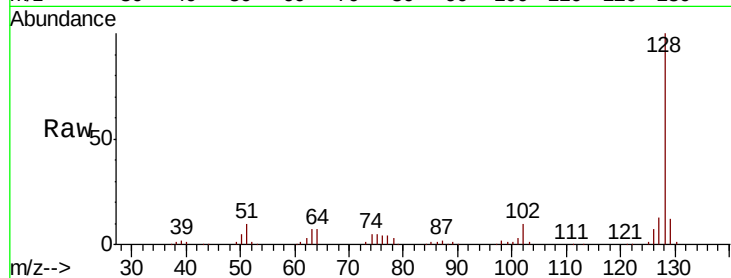




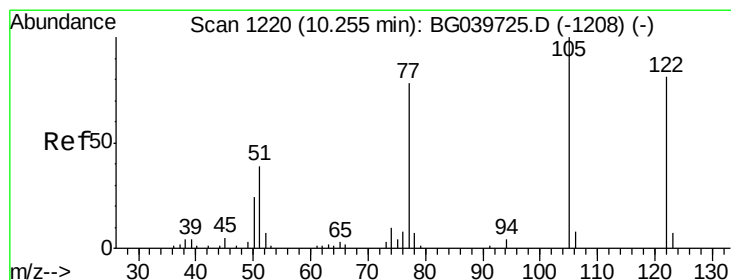
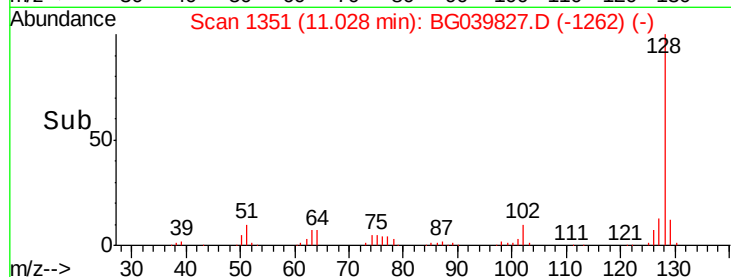
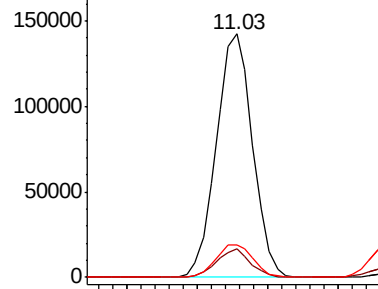
#31
Naphthalene
Concen: 26.668 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 255550
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.1 10.8 16.2

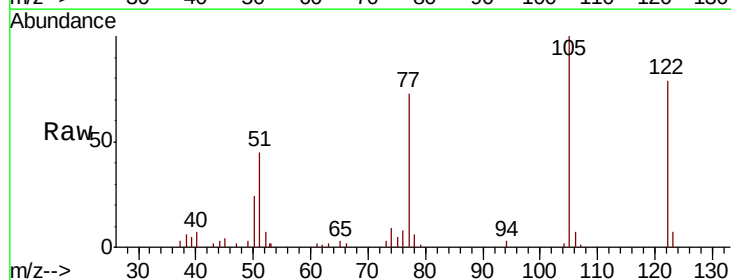


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

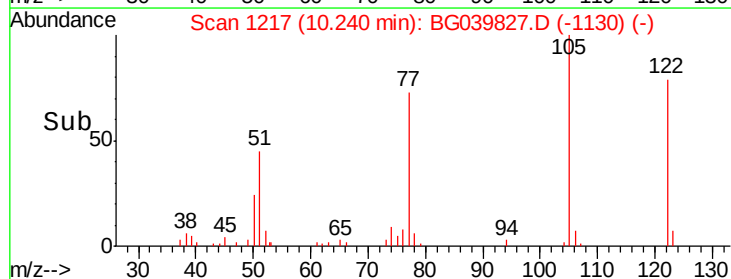
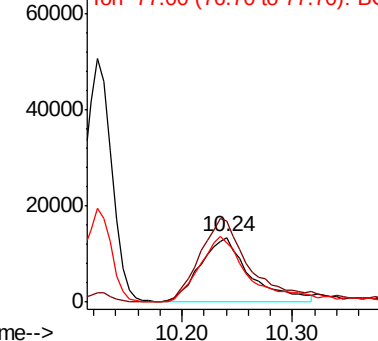


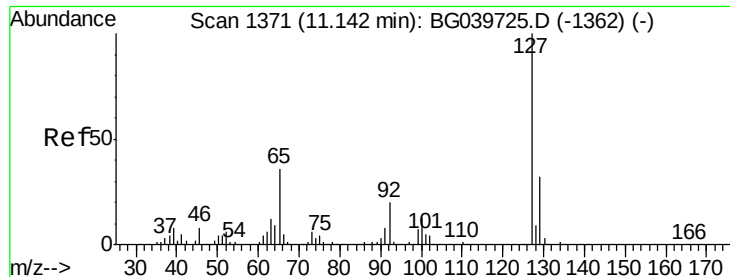
#32
Benzoic acid
Concen: 26.257 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion:122 Resp: 41253
Ion Ratio Lower Upper
122 100
105 126.5 101.8 141.8
77 92.9 76.3 116.3



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

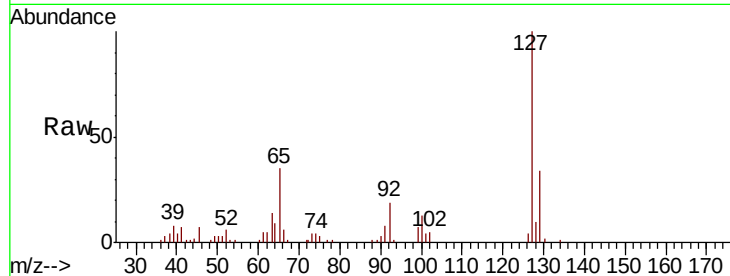




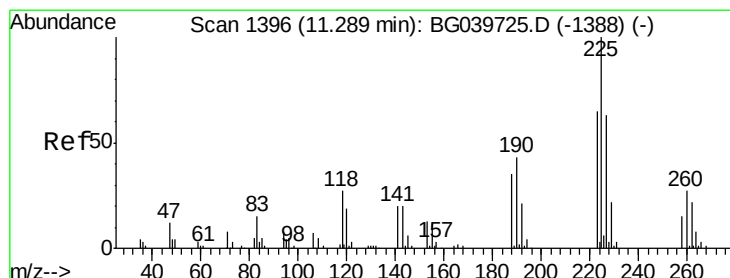
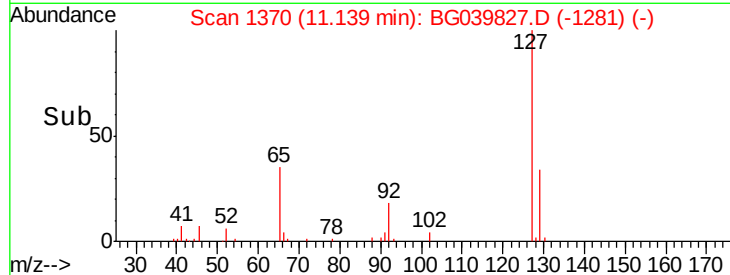
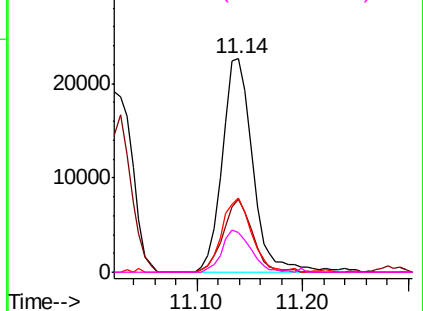
#33
4-Chloroaniline
Concen: 11.152 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	45316
Ion	Ratio	Lower	Upper
127	100		
129	34.3	27.0	40.4
65	35.0	28.8	43.2
92	18.9	16.6	25.0

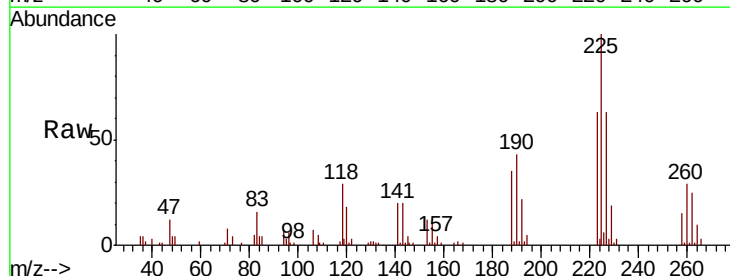


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

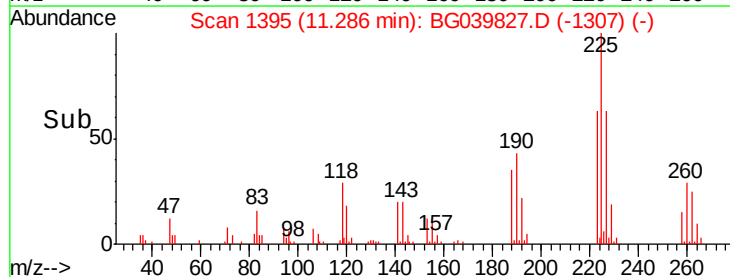
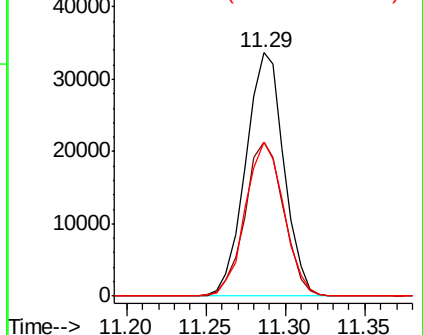


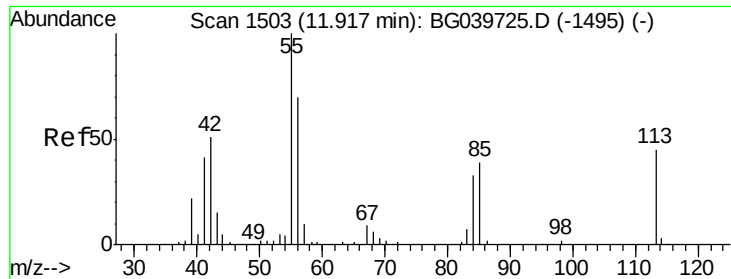
#34
Hexachlorobutadiene
Concen: 24.735 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion:	225	Resp:	56451
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.0	73.6
227	63.1	46.3	69.5



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

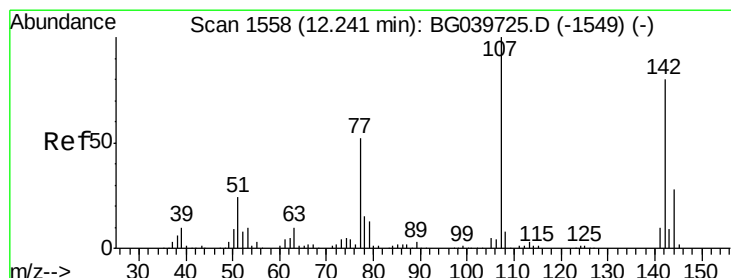
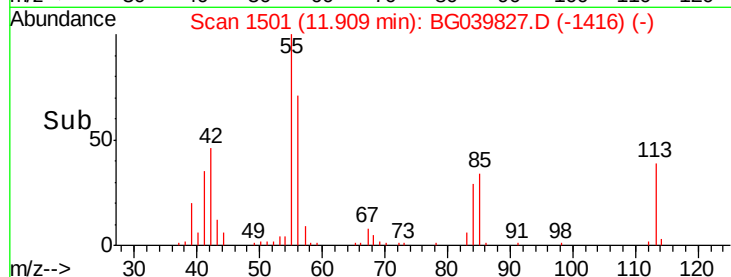
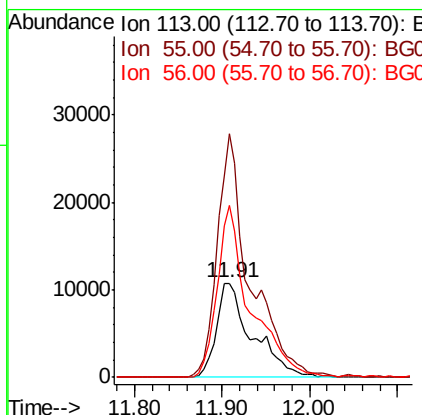
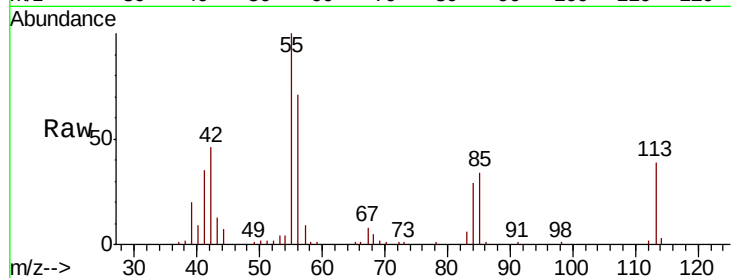




#35
Caprolactam
Concen: 26.875 ng
RT: 11.91 min Scan# 1501
Delta R.T. -0.03 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

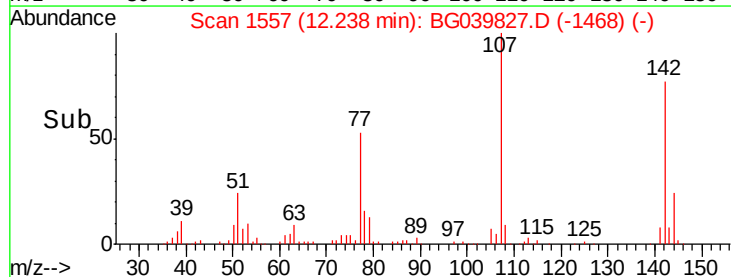
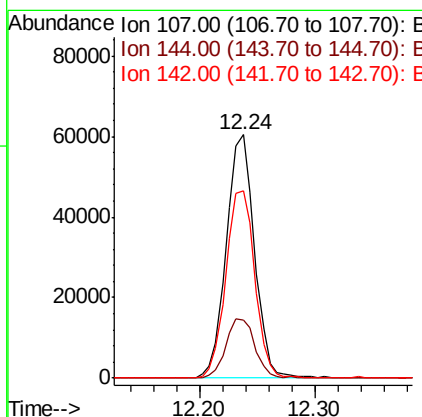
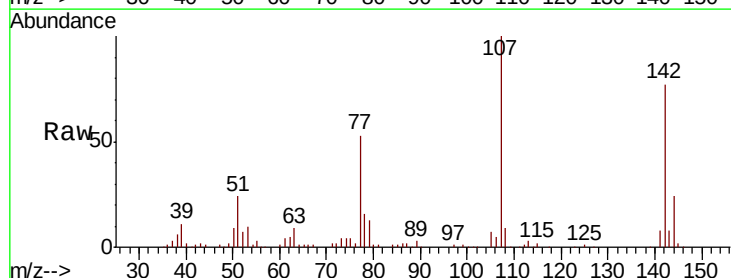
Instrument :
BNA_G
ClientSampleId :

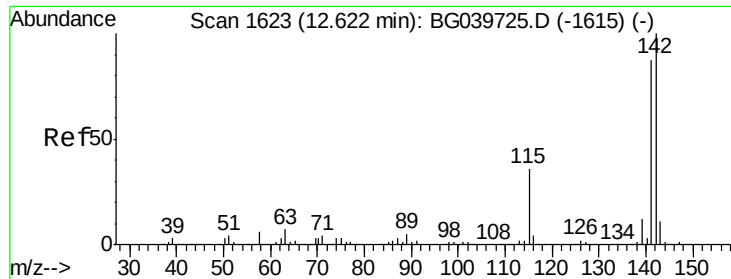
Tot Ion:113 Resp: 30470
Ion Ratio Lower Upper
113 100
55 257.8 216.9 256.9#
56 182.7 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 29.995 ng
RT: 12.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion:107 Resp: 102054
Ion Ratio Lower Upper
107 100
144 24.0 20.2 30.2
142 77.1 61.4 92.2

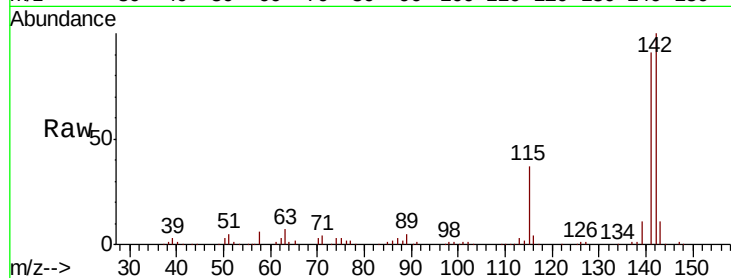




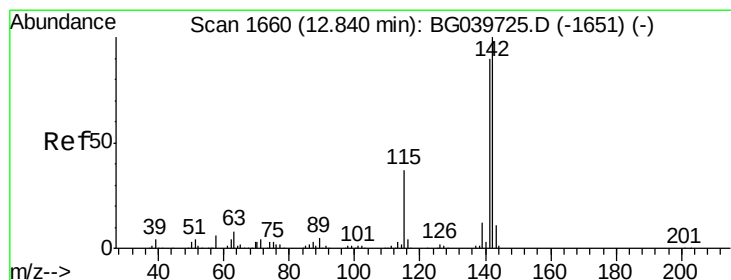
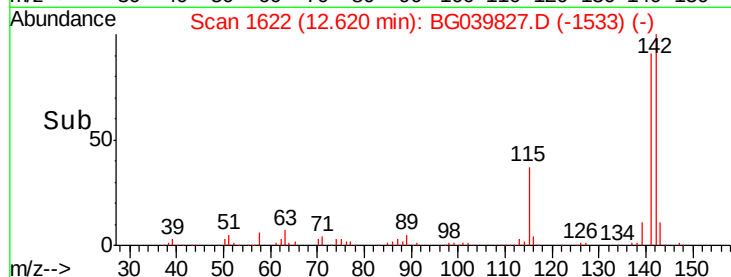
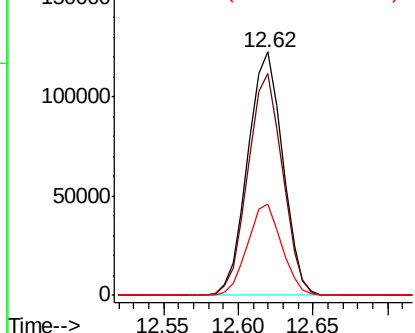
#37
2-Methylnaphthalene
Concen: 27.780 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 199018
Ion Ratio Lower Upper
142 100
141 91.0 73.5 110.3
115 37.4 30.8 46.2

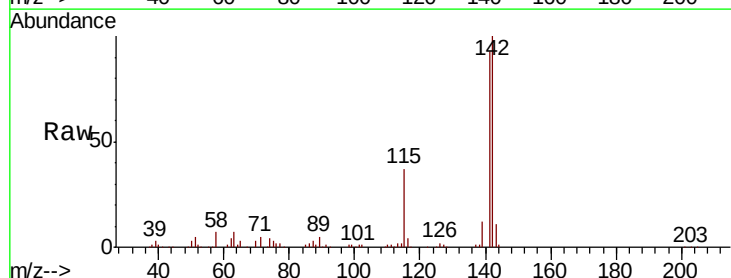


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

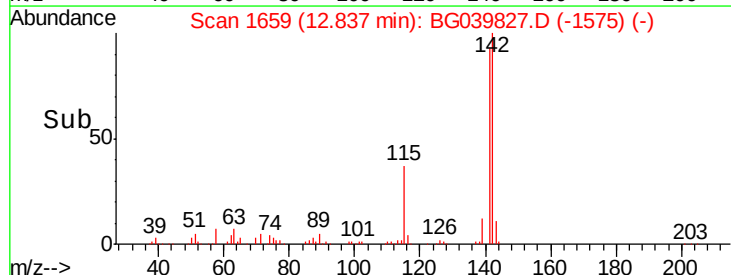
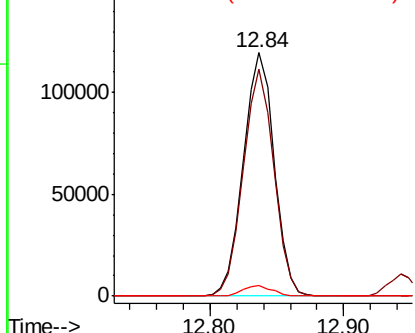


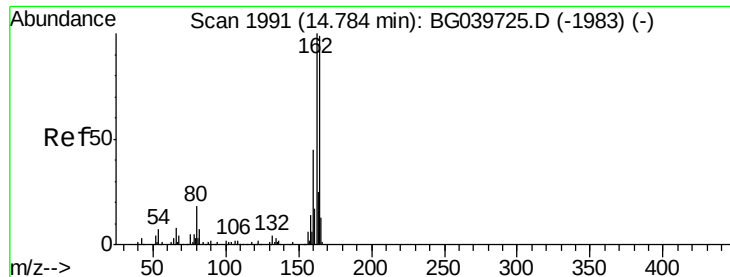
#38
1-Methylnaphthalene
Concen: 27.274 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion:142 Resp: 189884
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4
116 4.5 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

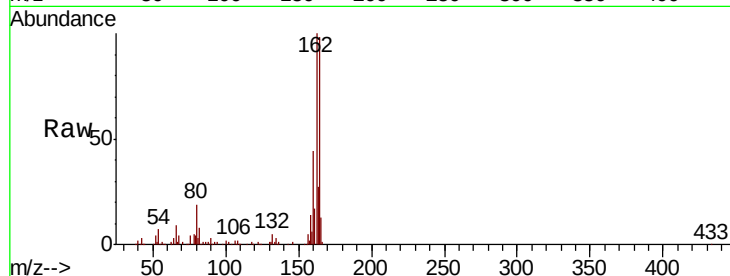
Tot Ion:164 Resp: 127606

Ion Ratio Lower Upper

164 100

162 101.7 81.6 122.4

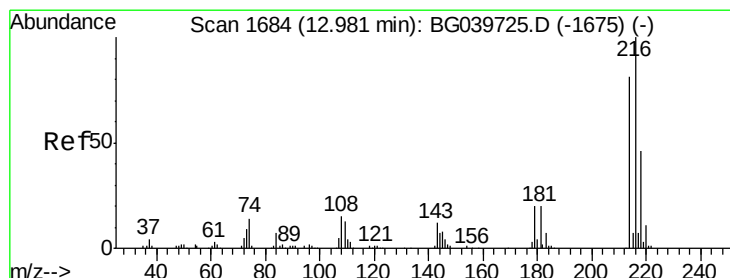
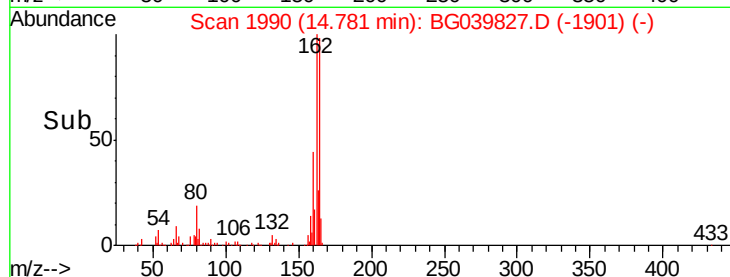
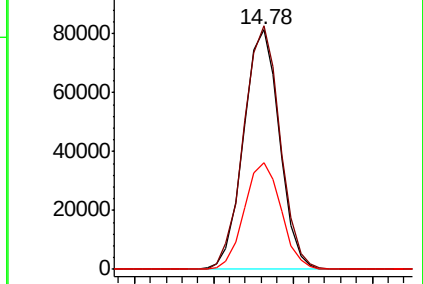
160 44.6 34.2 51.2



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: 25.320 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Tgt Ion:216 Resp: 109456

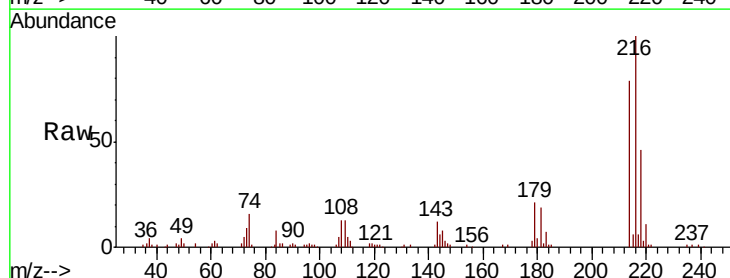
Ion Ratio Lower Upper

216 100

214 80.3 62.6 94.0

179 20.6 16.6 25.0

108 18.2 14.0 21.0

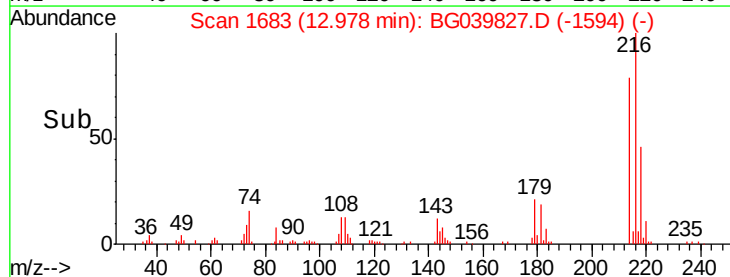
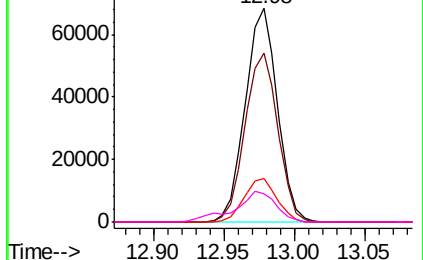


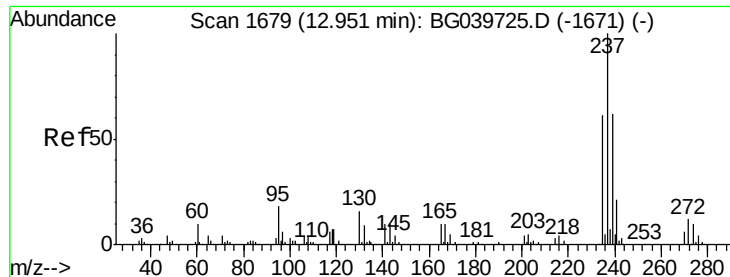
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 58.932 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampled :

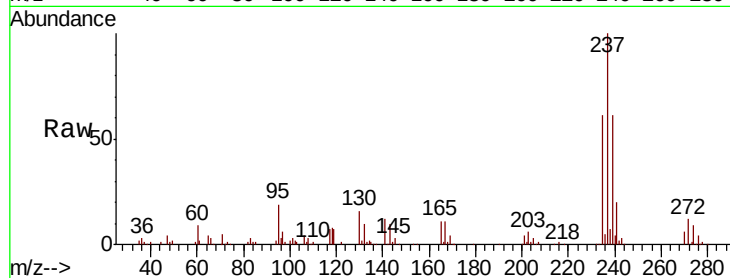
Tot Ion:237 Resp: 136528

Ion Ratio Lower Upper

237 100

235 60.9 43.3 83.3

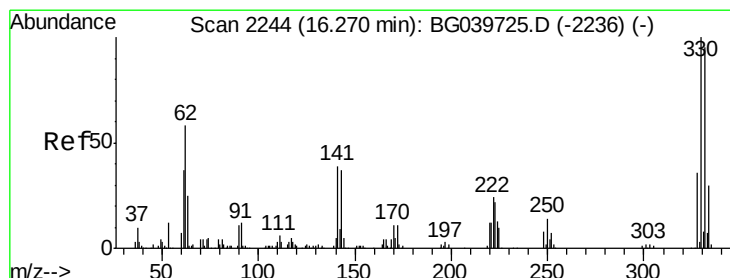
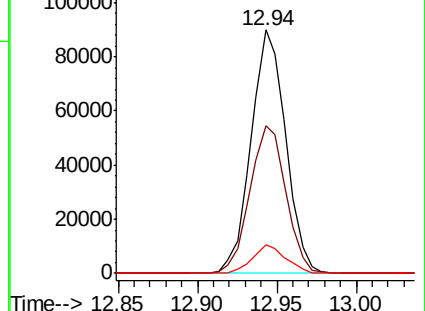
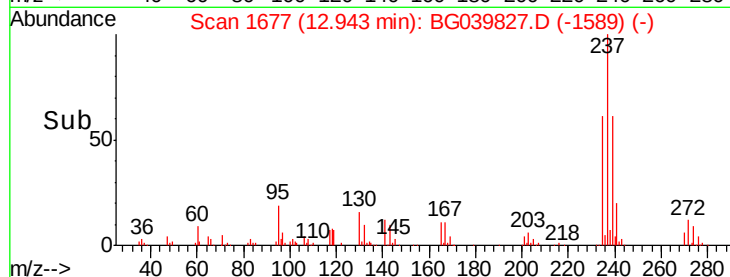
272 11.6 0.0 32.3



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: 91.377 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

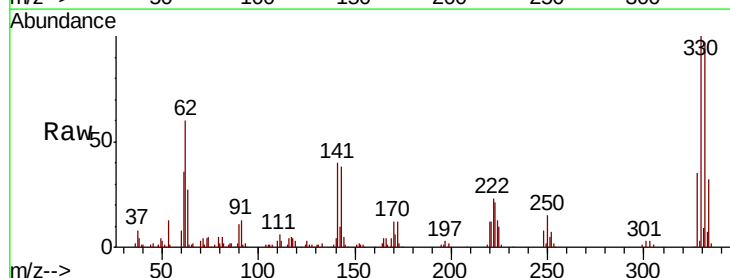
Tgt Ion:330 Resp: 135909

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

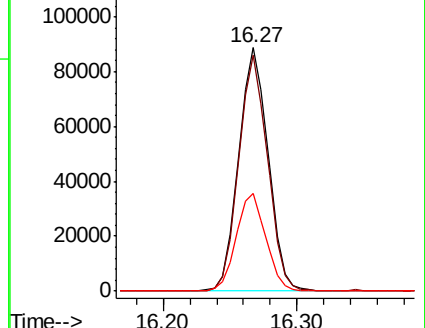
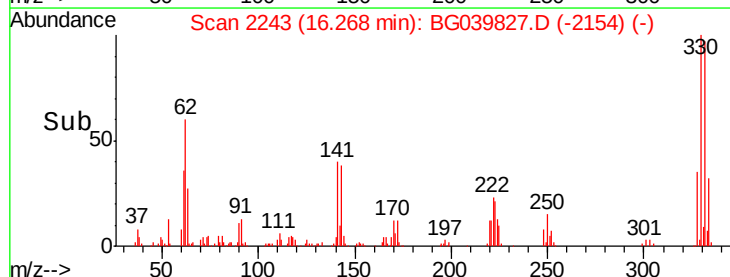
141 40.5 35.6 53.4

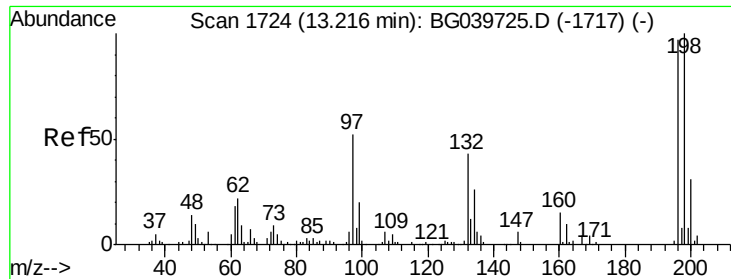


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

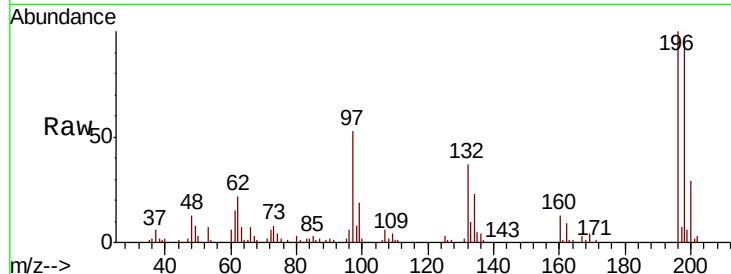




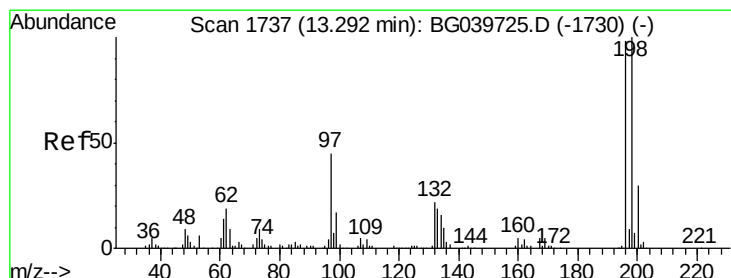
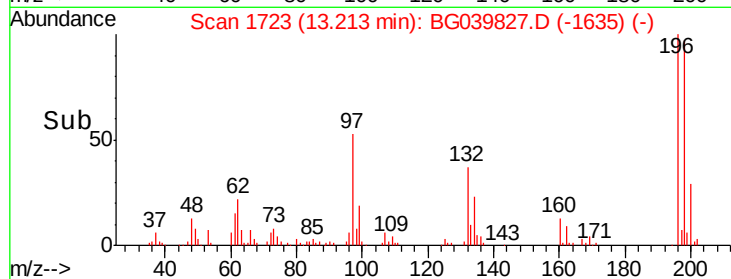
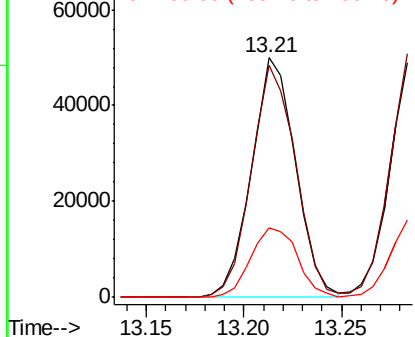
#43
 2,4,6-Trichlorophenol
 Concen: 30.836 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 78042
 Ion Ratio Lower Upper
 196 100
 198 96.7 80.6 121.0
 200 29.2 26.1 39.1

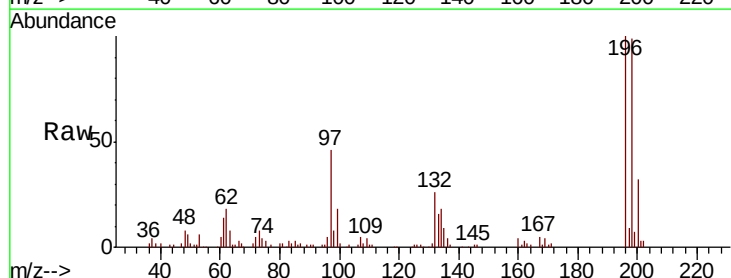


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

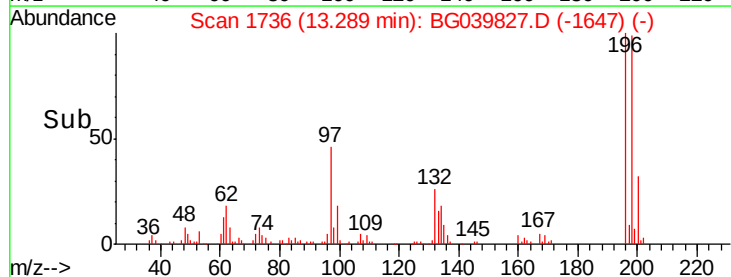
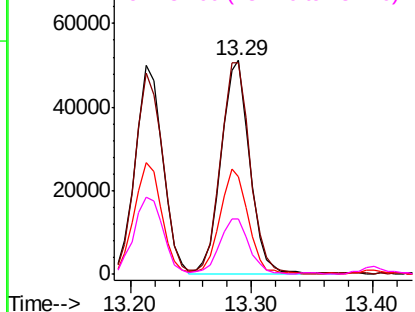


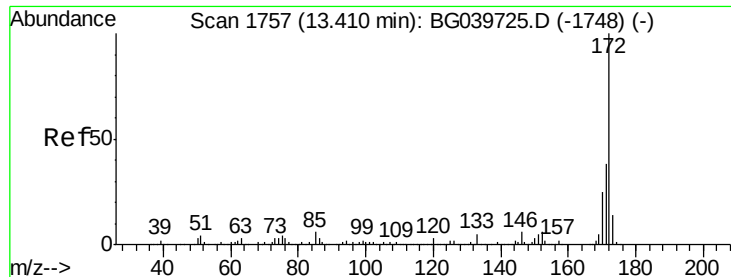
#44
 2,4,5-Trichlorophenol
 Concen: 29.206 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion:196 Resp: 83318
 Ion Ratio Lower Upper
 196 100
 198 98.9 78.5 117.7
 97 45.5 38.4 57.6
 132 25.6 19.2 28.8



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

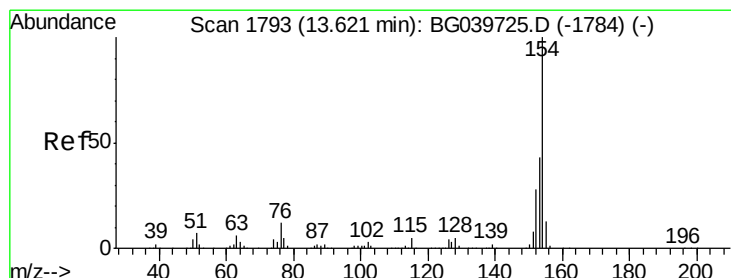
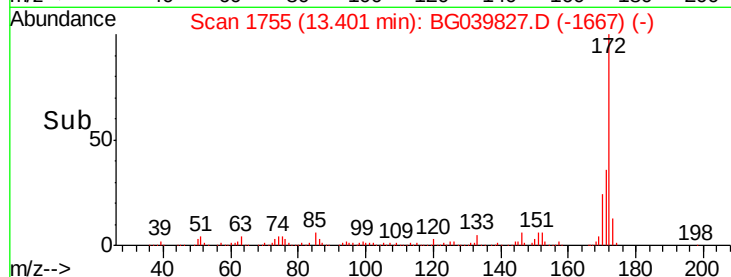
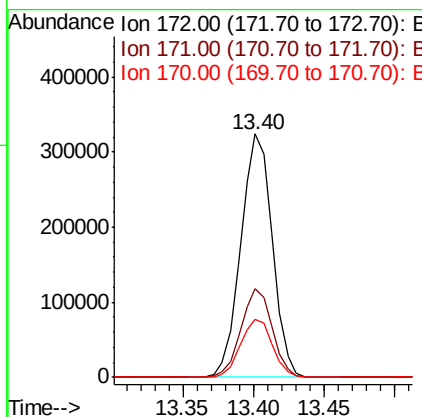
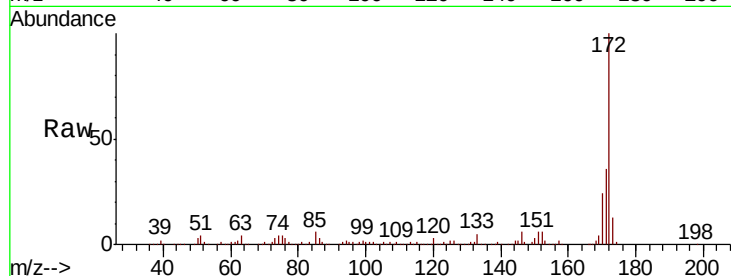




#45
 2-Fluorobiphenyl
 Concen: 56.279 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

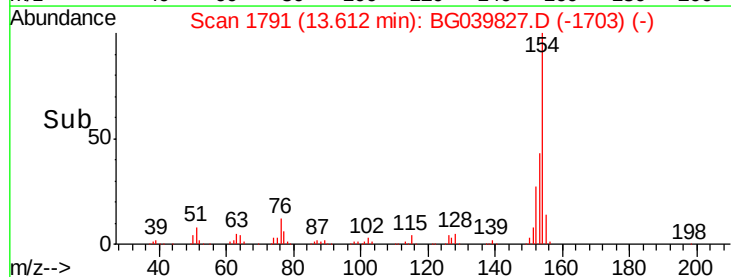
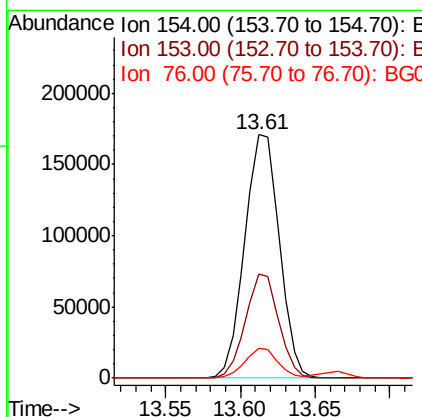
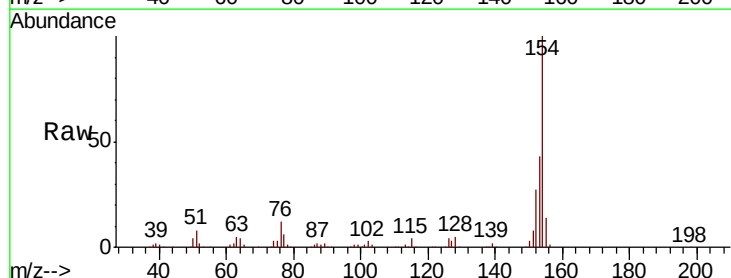
Instrument :
 BNA_G
 ClientSampleId :

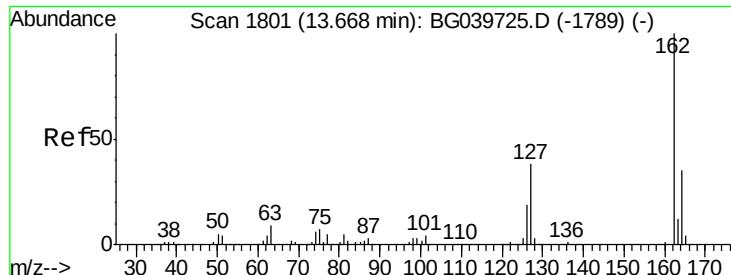
Tot Ion:172 Resp: 504381
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.8 46.2
 170 24.0 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 26.082 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion:154 Resp: 273744
 Ion Ratio Lower Upper
 154 100
 153 42.9 22.1 62.1
 76 12.4 0.0 32.4

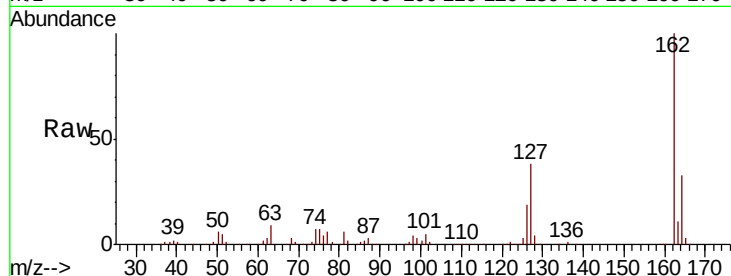




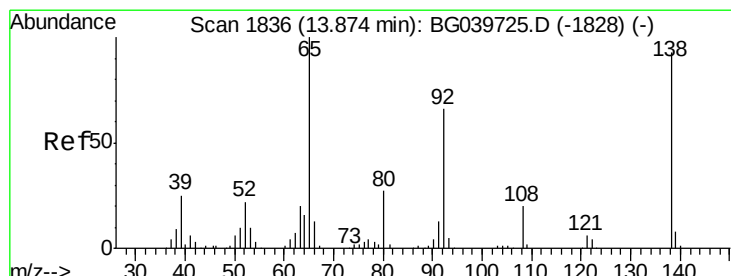
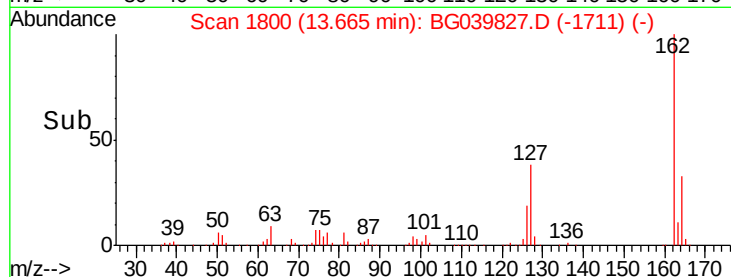
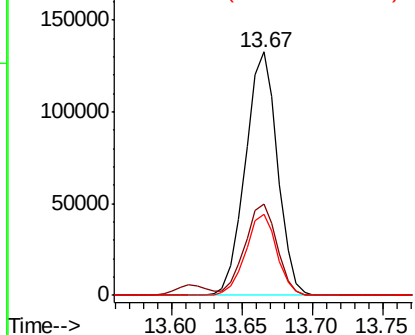
#47
 2-Chloronaphthalene
 Concen: 26.758 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 211272
 Ion Ratio Lower Upper
 162 100
 127 37.6 31.0 46.6
 164 33.4 25.7 38.5

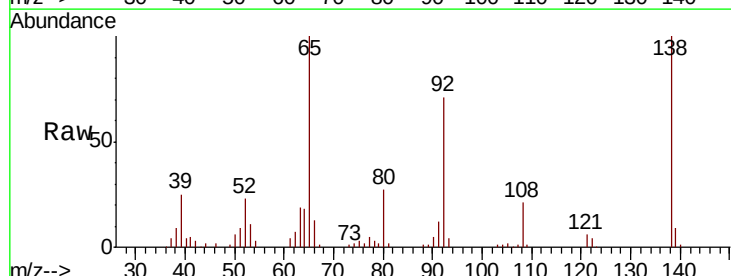


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

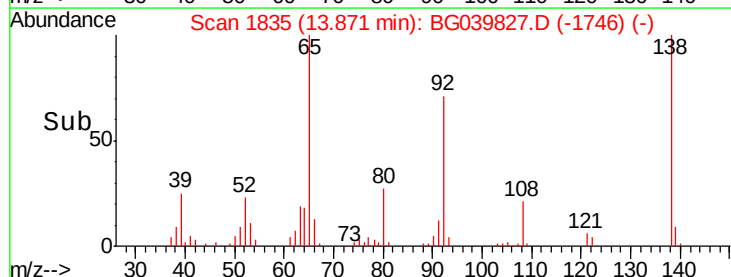
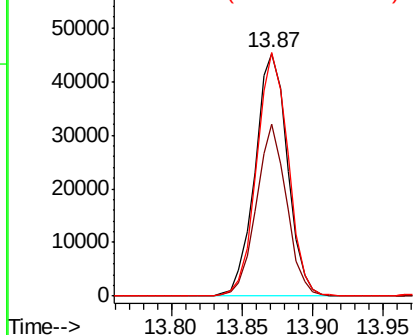


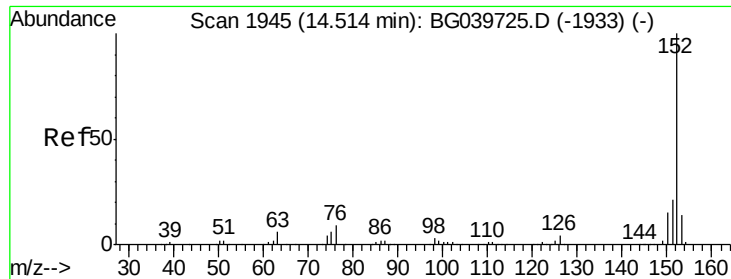
#48
 2-Nitroaniline
 Concen: 28.662 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion: 65 Resp: 72727
 Ion Ratio Lower Upper
 65 100
 92 70.8 51.4 77.2
 138 100.4 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: 26.679 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

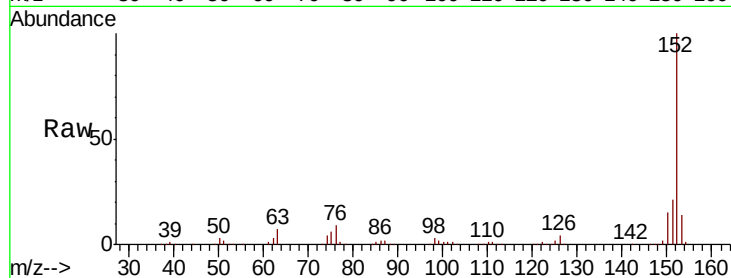
Tot Ion:152 Resp: 345805

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

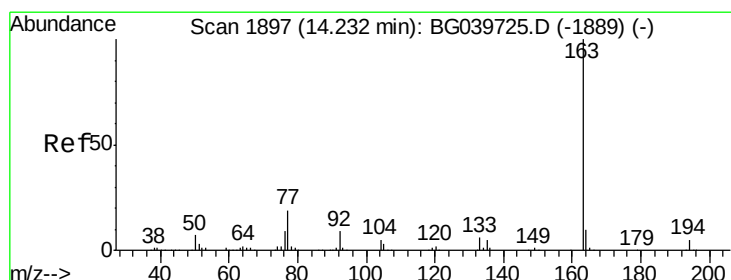
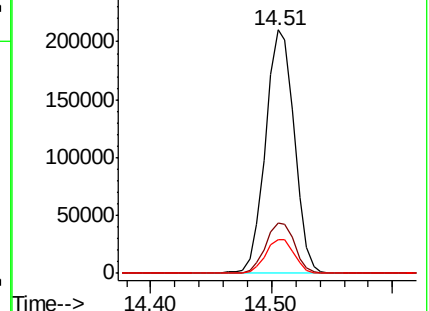
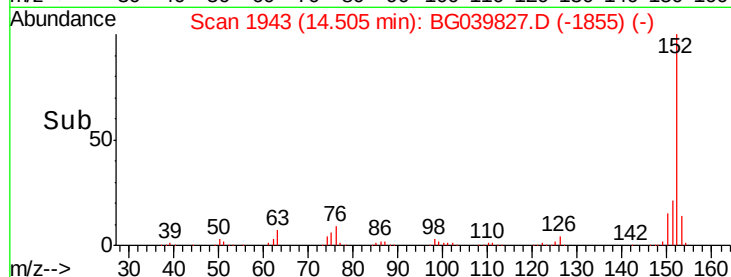
153 14.0 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 27.126 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

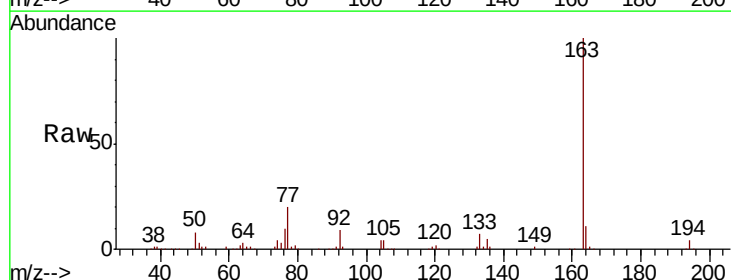
Tgt Ion:163 Resp: 289438

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

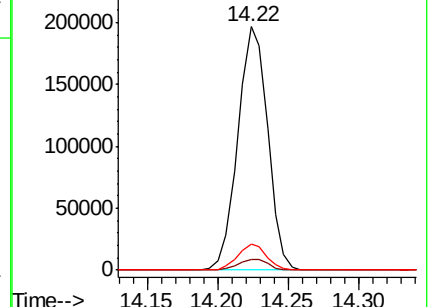
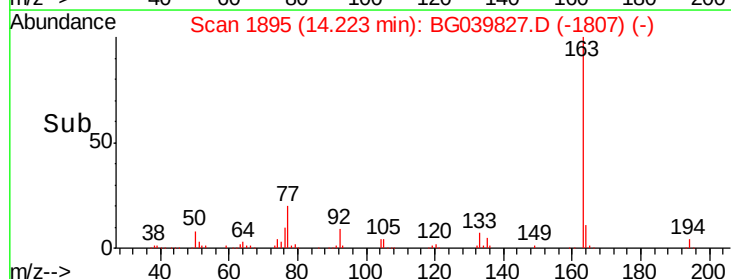
164 10.5 8.4 12.6

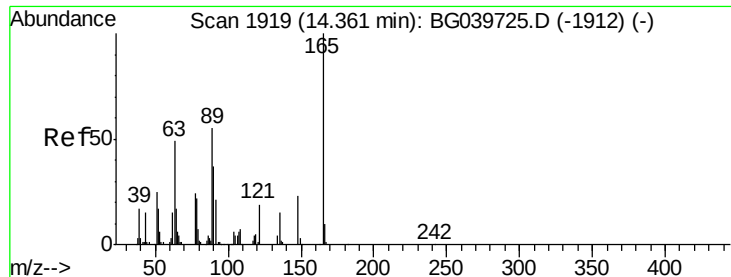


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

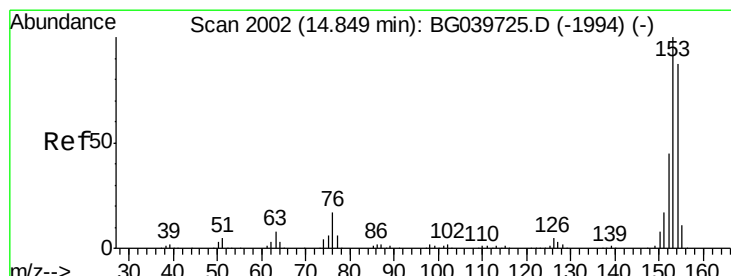
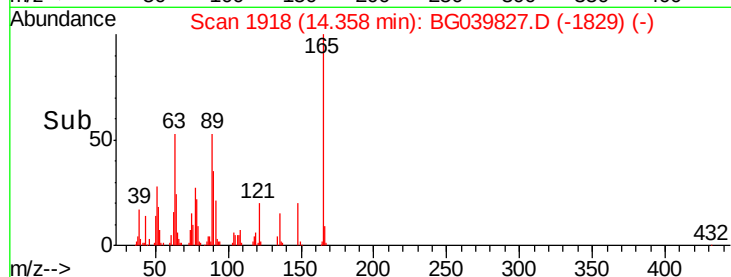
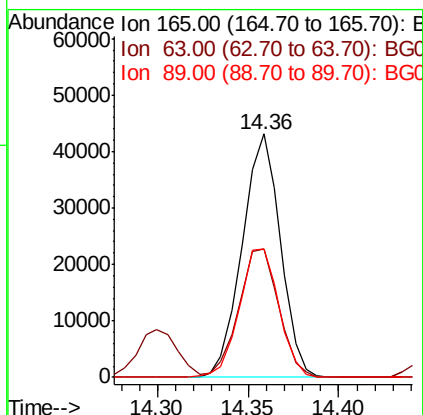
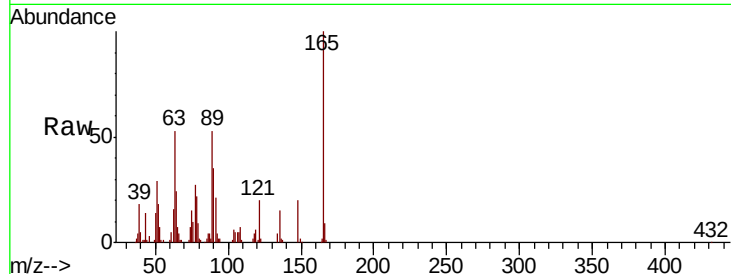




#51
 2,6-Dinitrotoluene
 Concen: 27.891 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

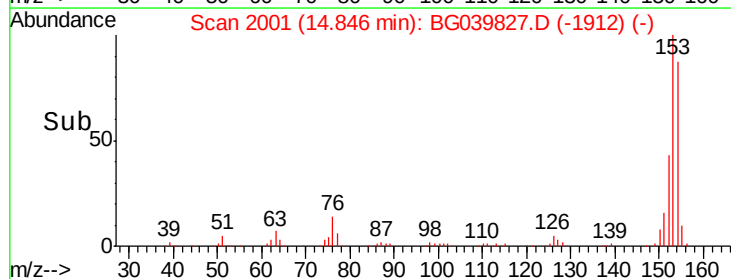
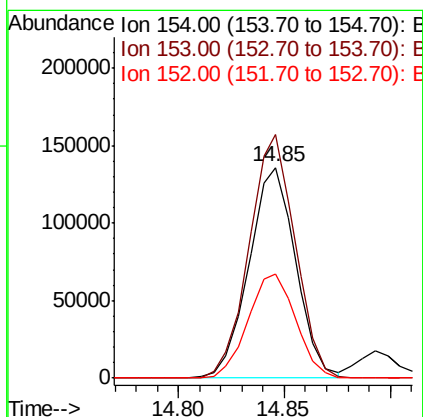
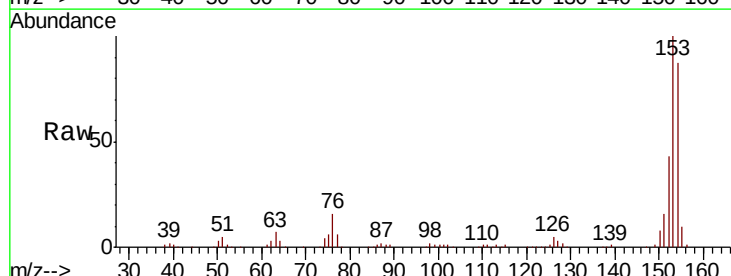
Instrument :
 BNA_G
 ClientSampled :

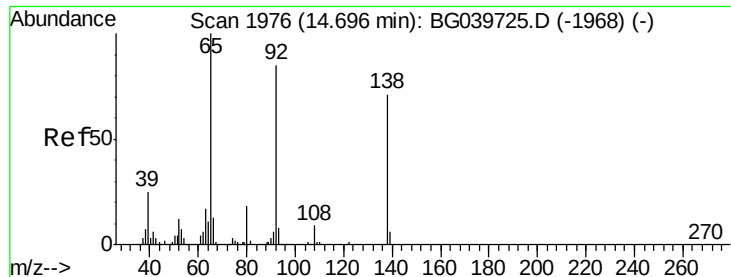
Tot Ion:165 Resp: 63091
 Ion Ratio Lower Upper
 165 100
 63 52.7 47.0 70.6
 89 52.7 45.8 68.8



#52
 Acenaphthene
 Concen: 26.733 ng
 RT: 14.85 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion:154 Resp: 208553
 Ion Ratio Lower Upper
 154 100
 153 115.5 90.1 135.1
 152 49.3 40.9 61.3





#53

3-Nitroaniline

Concen: 15.742 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

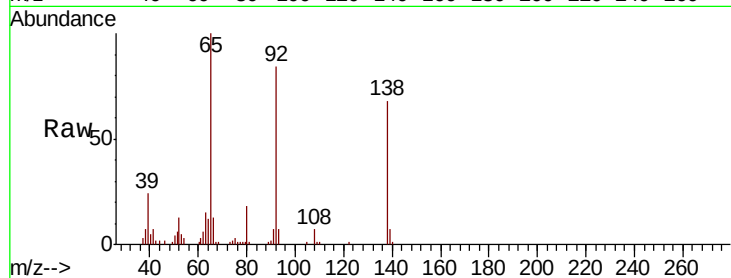
Tot Ion:138 Resp: 35796

Ion Ratio Lower Upper

138 100

108 9.8 13.8 20.8#

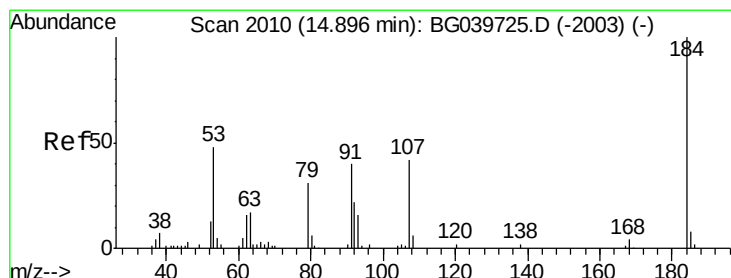
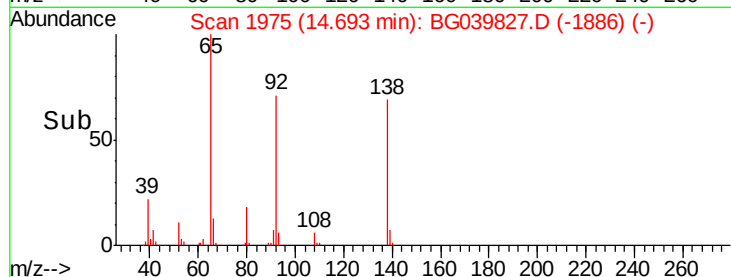
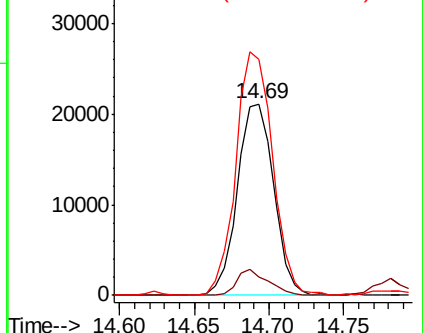
92 123.1 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 32.717 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

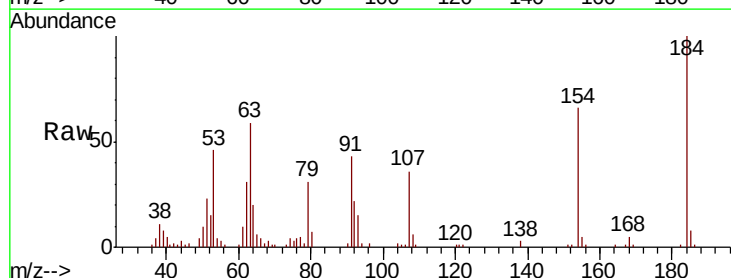
Tgt Ion:184 Resp: 41928

Ion Ratio Lower Upper

184 100

63 58.8 50.9 76.3

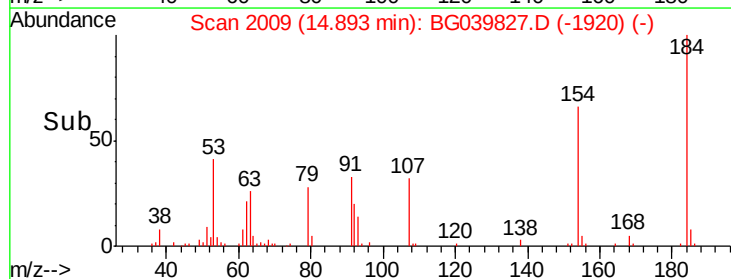
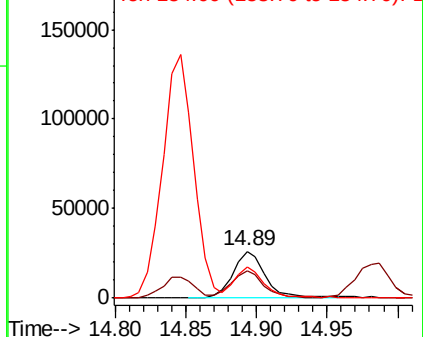
154 65.8 53.0 79.6

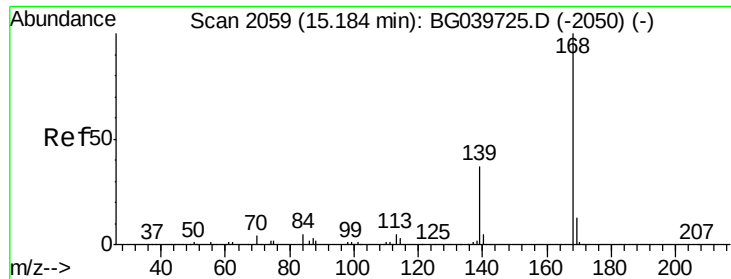


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 26.983 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

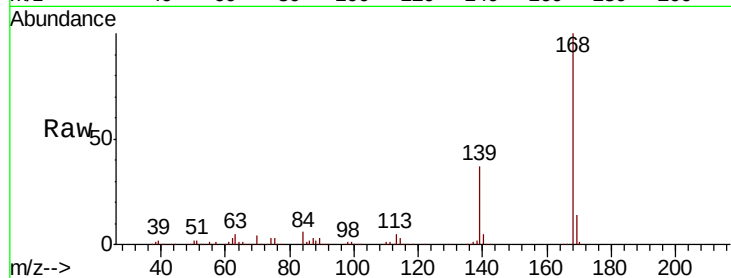
Tot Ion:168 Resp: 345367

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

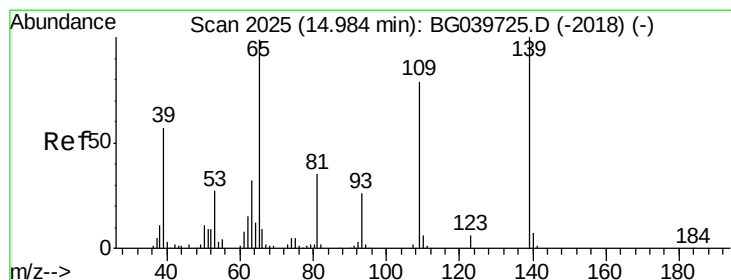
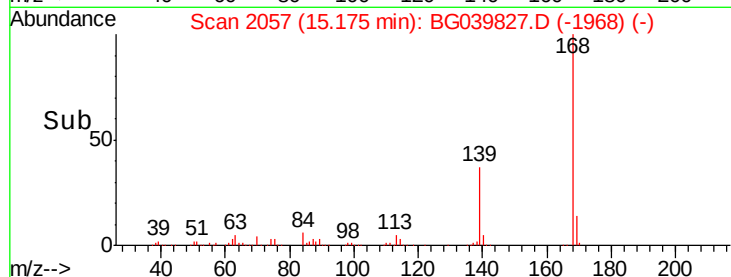
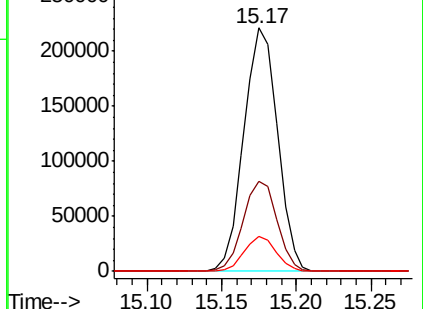
169 14.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 53.392 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

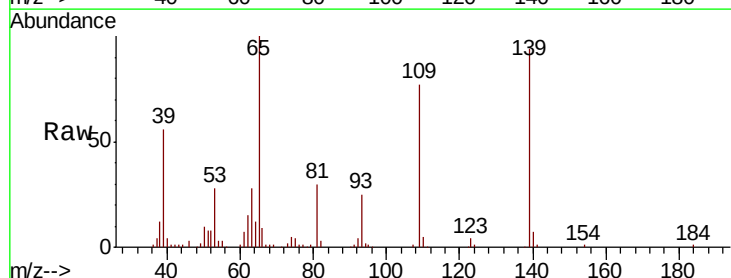
Tgt Ion:139 Resp: 108606

Ion Ratio Lower Upper

139 100

109 81.1 61.9 101.9

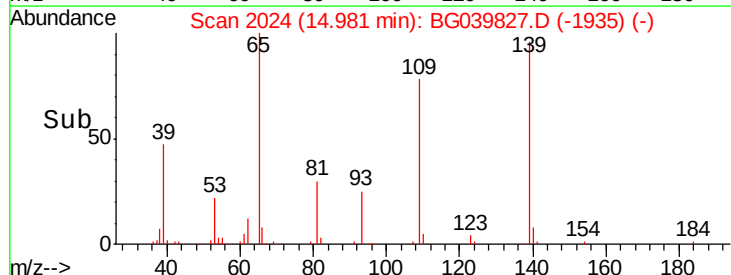
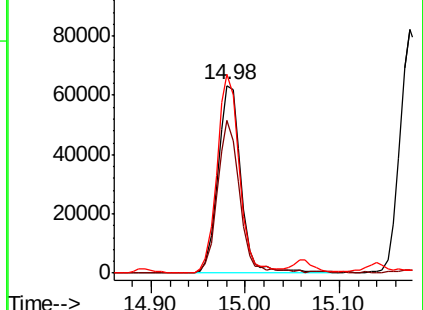
65 105.9 99.1 139.1

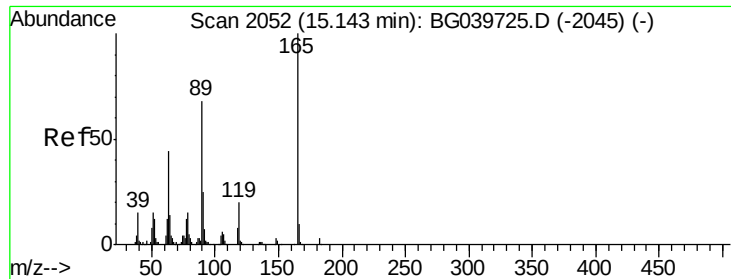


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

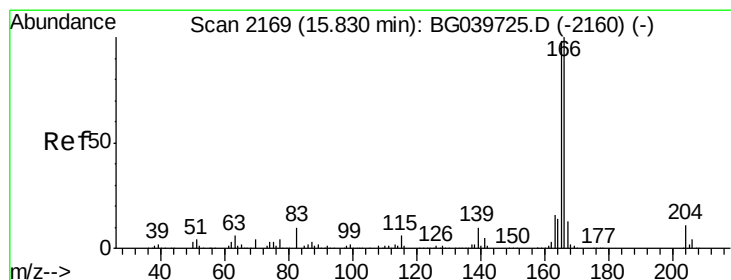
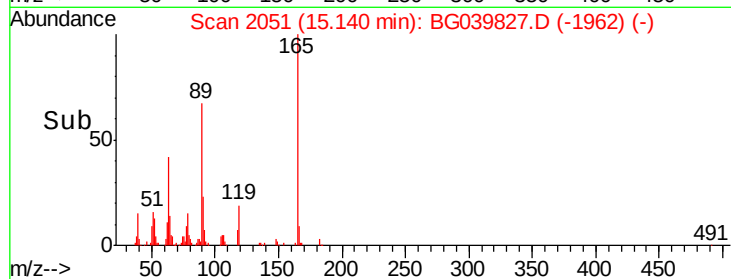
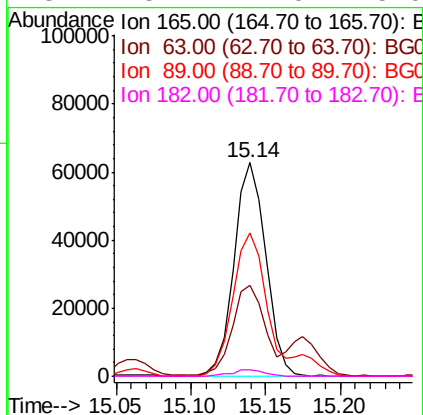
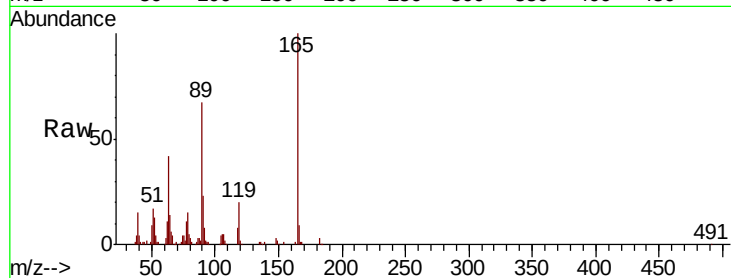




#57
 2,4-Dinitrotoluene
 Concen: 29.253 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

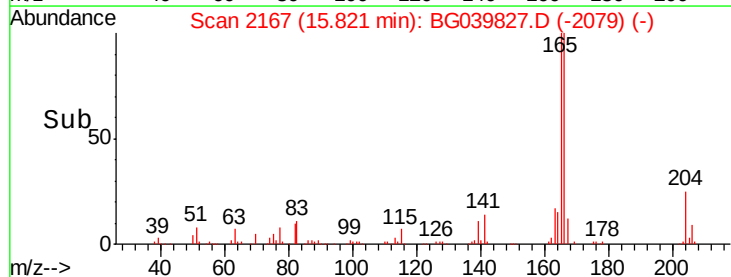
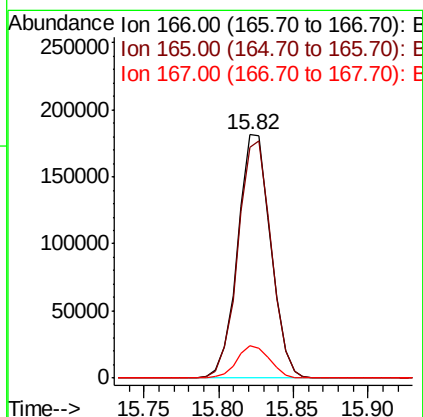
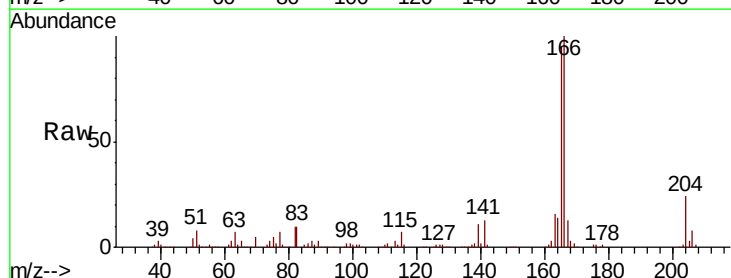
Instrument :
 BNA_G
 ClientSampleId :

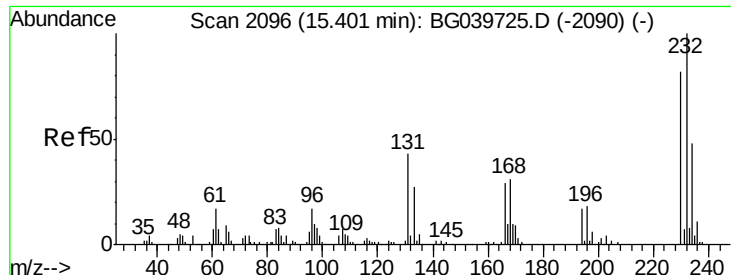
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	41.0	61.6
89	67.0	64.6	96.8
182	3.1	2.0	3.0#



#58
 Fluorene
 Concen: 27.640 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	77.9	116.9
167	13.4	10.8	16.2

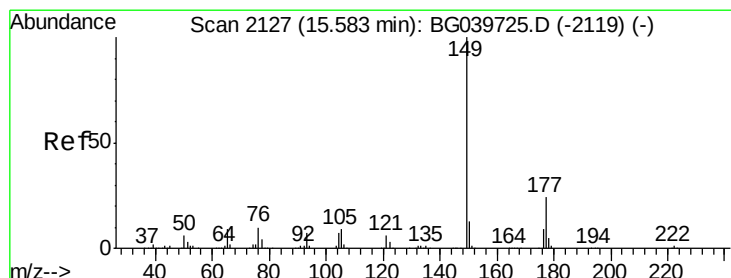
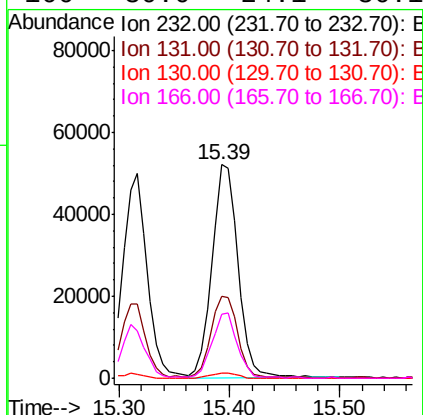
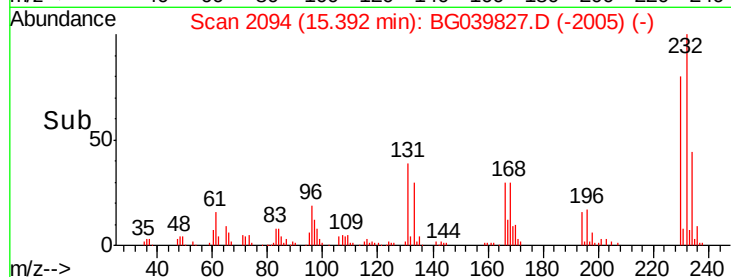
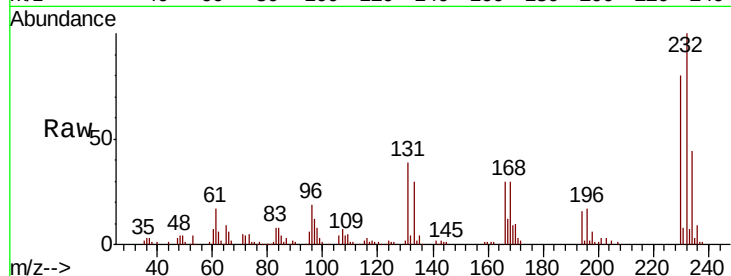




#59
2,3,4,6-Tetrachlorophenol
Concen: 30.347 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

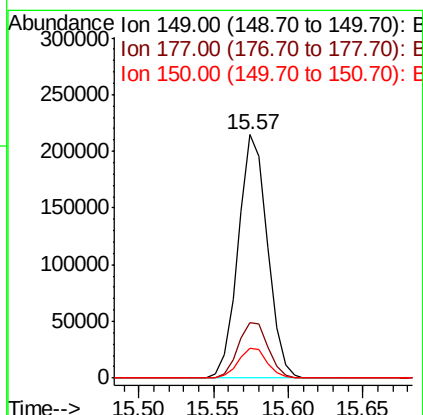
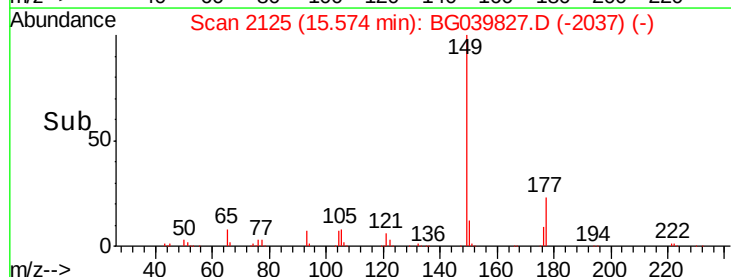
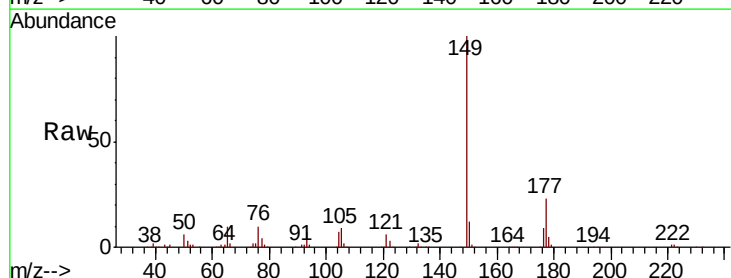
Instrument :
BNA_G
ClientSampleId :

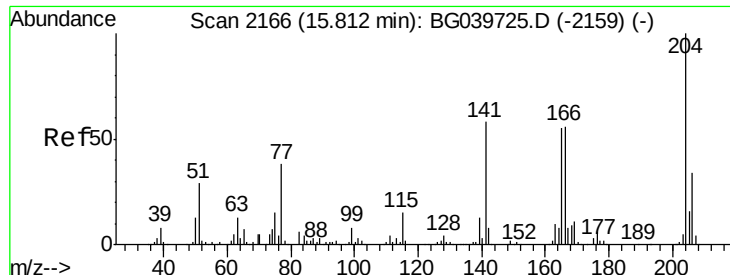
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	34.9	52.3
130	2.4	2.0	3.0
166	30.0	24.1	36.1



#60
Diethylphthalate
Concen: 27.609 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.3	10.2	15.2

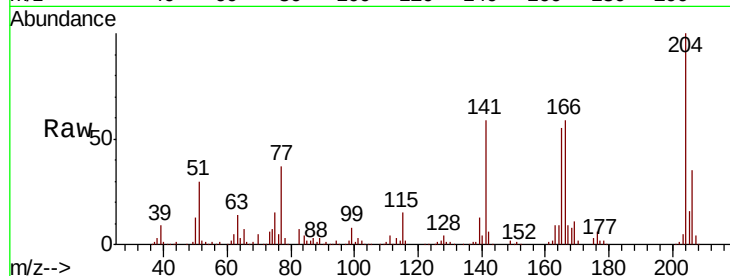




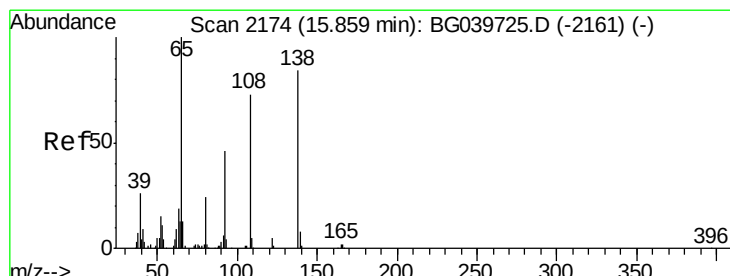
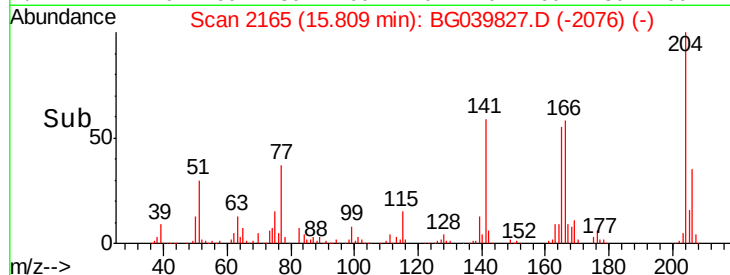
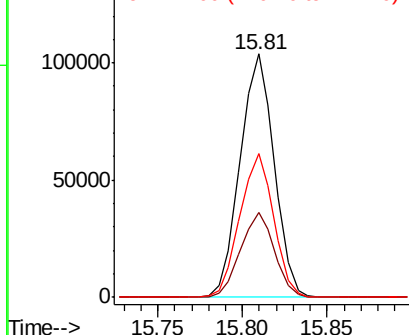
#61
 4-Chlorophenyl-phenylether
 Concen: 27.121 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 145623
 Ion Ratio Lower Upper
 204 100
 206 35.0 29.2 43.8
 141 59.0 49.0 73.4

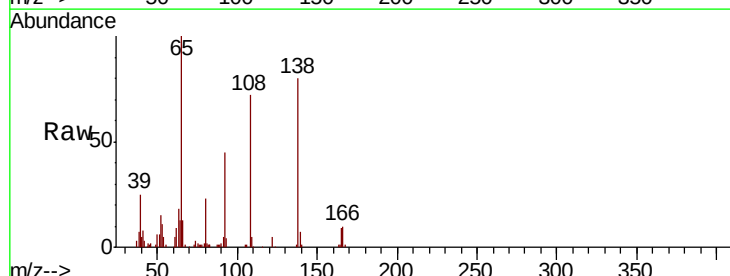


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

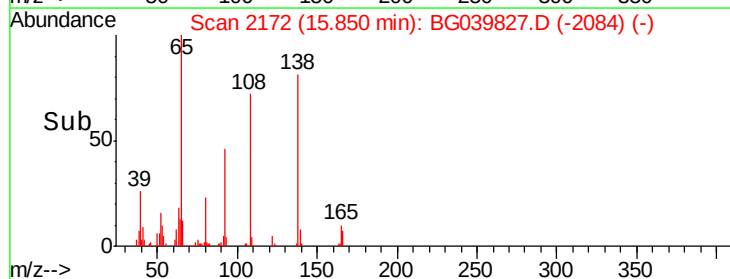
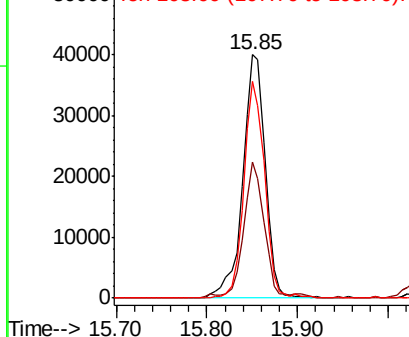


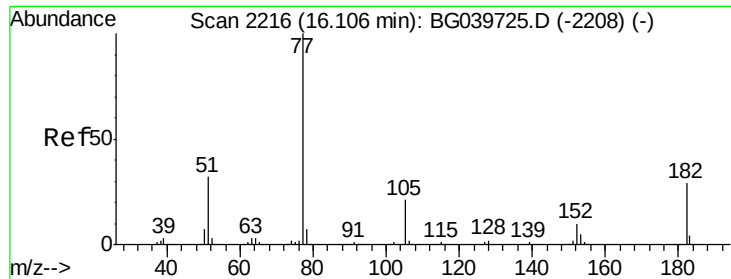
#62
 4-Nitroaniline
 Concen: 27.721 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion:138 Resp: 68334
 Ion Ratio Lower Upper
 138 100
 92 56.1 38.7 78.7
 108 89.2 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

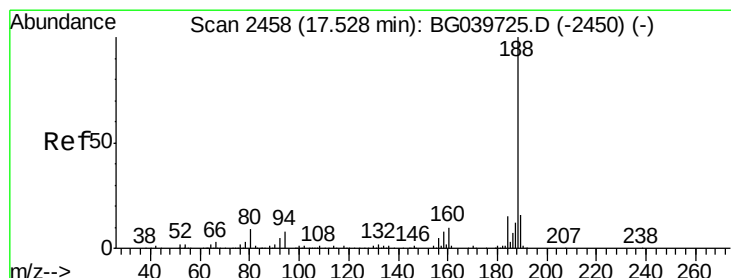
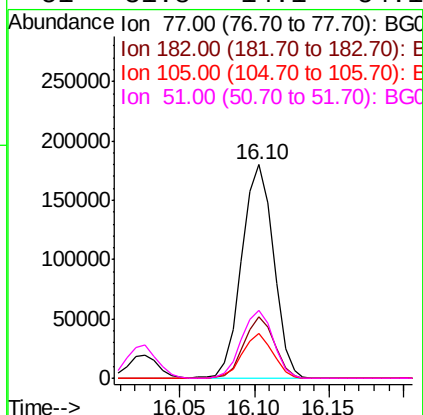
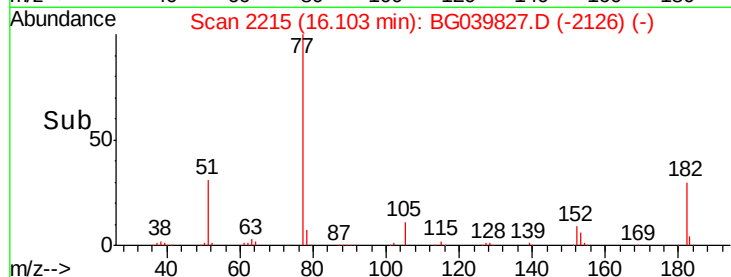
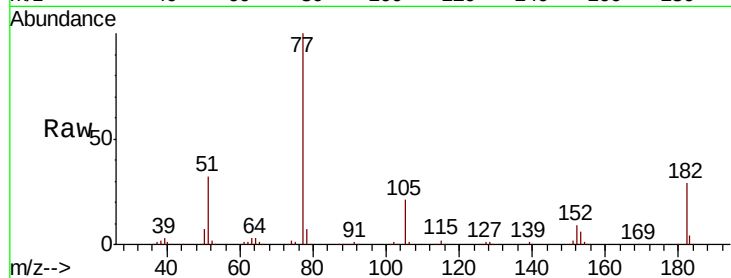




#63
Azobenzene
Concen: 27.819 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

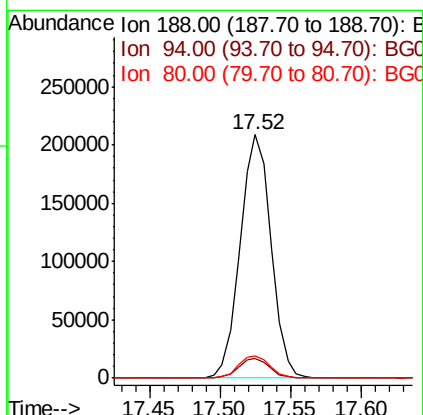
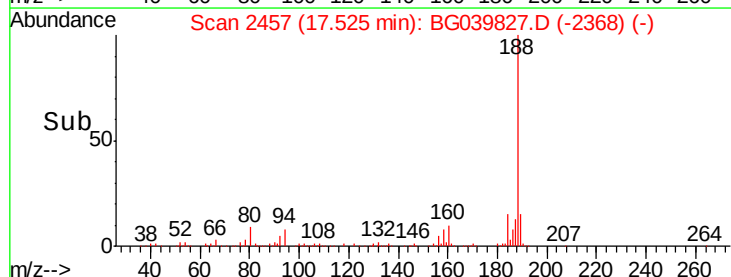
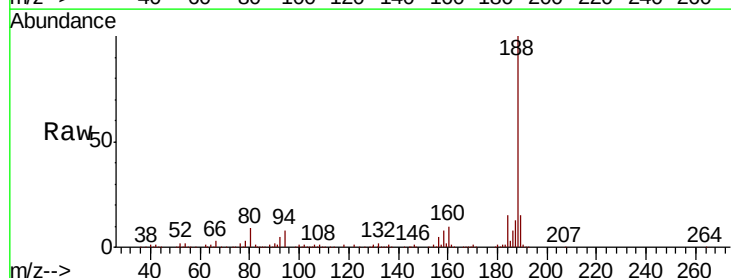
Instrument :
BNA_G
ClientSampleId :

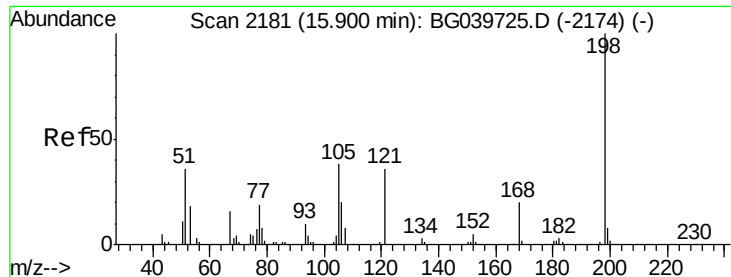
Tot Ion:	77	Resp:	266368
Ion	Ratio	Lower	Upper
77	100		
182	28.6	6.4	46.4
105	21.2	0.0	39.8
51	31.8	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion:	188	Resp:	318295
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.1	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 22.769 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

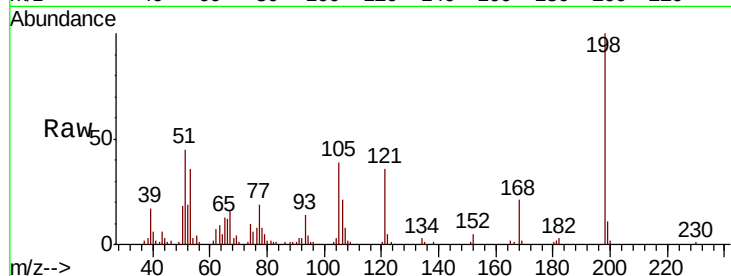
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 42850

Ion	Ratio	Lower	Upper
198	100		
51	44.5	27.4	67.4
105	38.8	19.7	59.7

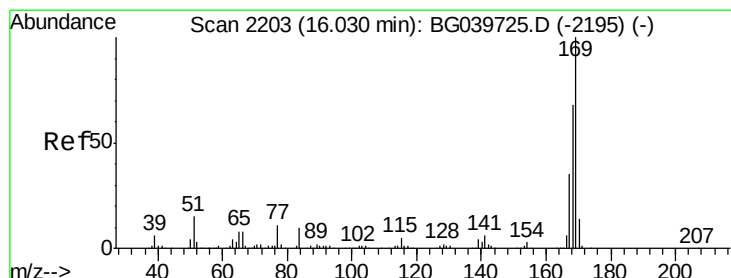
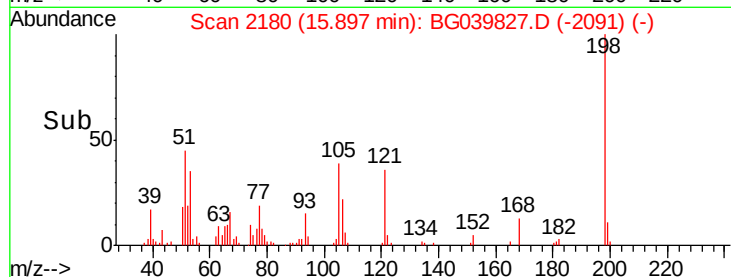


Abundance

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: 27.817 ng

RT: 16.03 min Scan# 2202

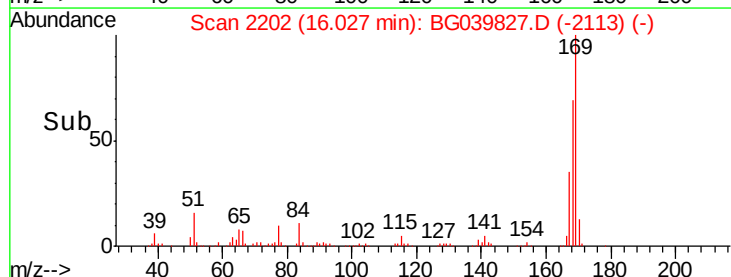
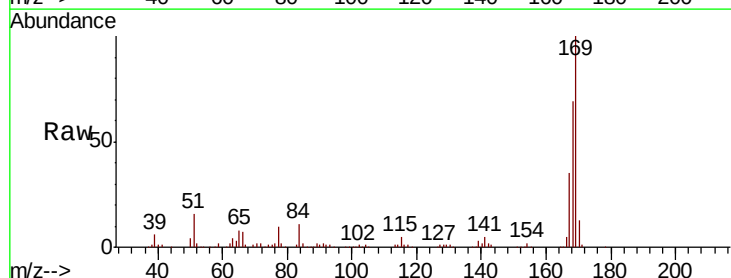
Delta R.T. -0.01 min

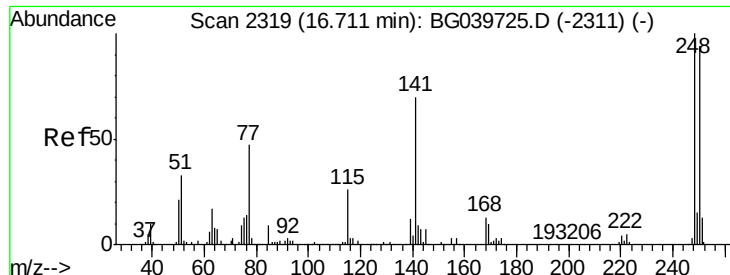
Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Tgt Ion:169 Resp: 256330

Ion	Ratio	Lower	Upper
169	100		
168	69.3	56.6	85.0
167	34.8	28.8	43.2

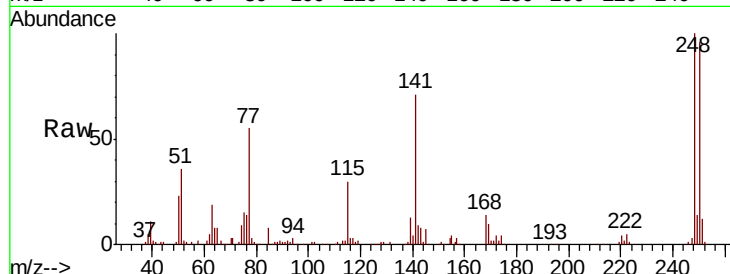




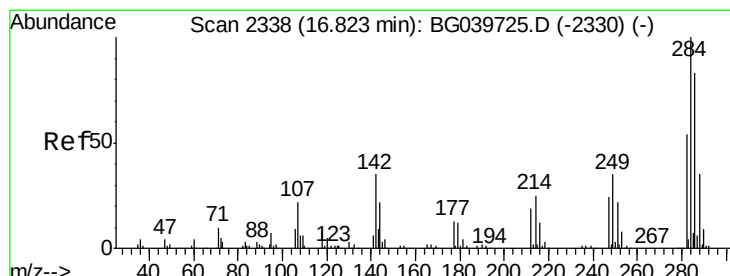
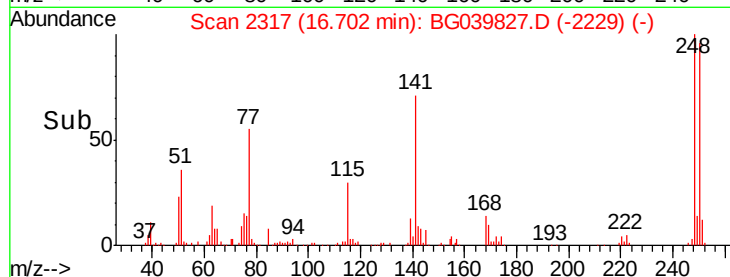
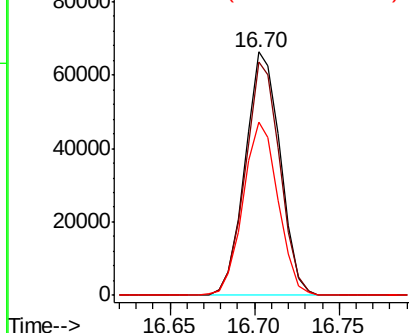
#67
4-Bromophenyl-phenylether
Concen: 26.819 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 95549
Ion Ratio Lower Upper
248 100
250 96.0 77.6 116.4
141 71.2 63.9 95.9

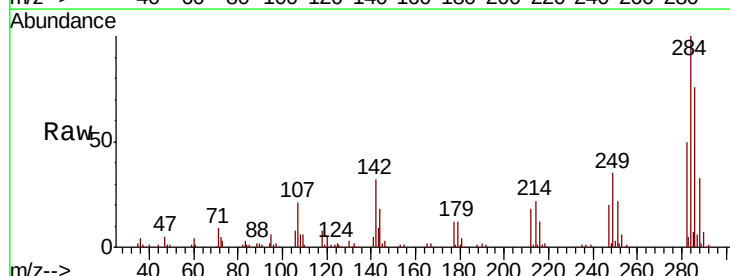


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

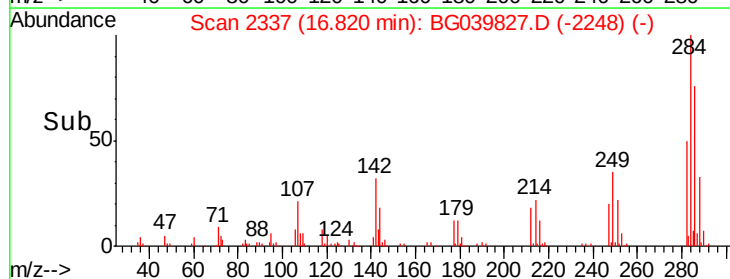
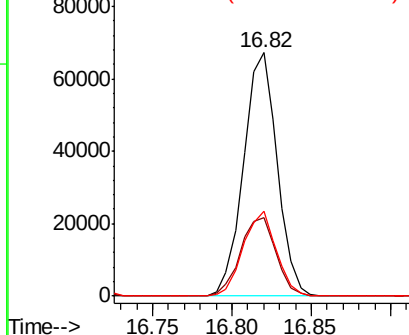


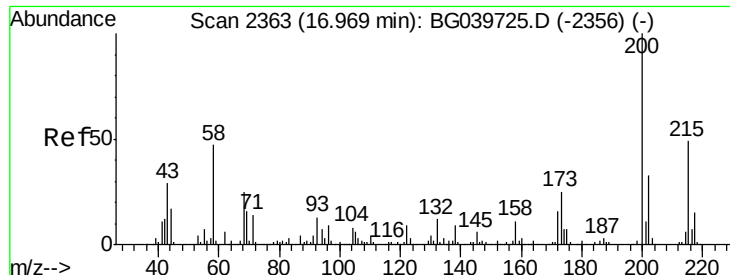
#68
Hexachlorobenzene
Concen: 26.788 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion:284 Resp: 98931
Ion Ratio Lower Upper
284 100
142 32.2 30.6 45.8
249 34.8 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: 28.034 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

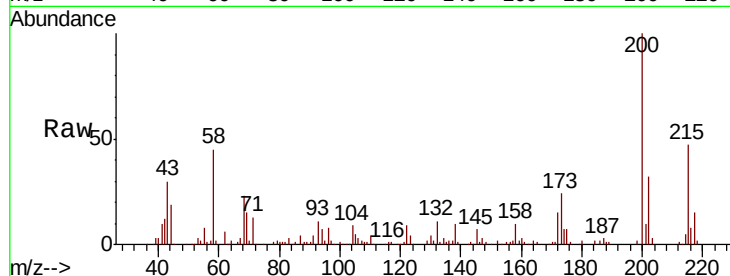
Tot Ion:200 Resp: 101667

Ion Ratio Lower Upper

200 100

173 24.2 3.9 43.9

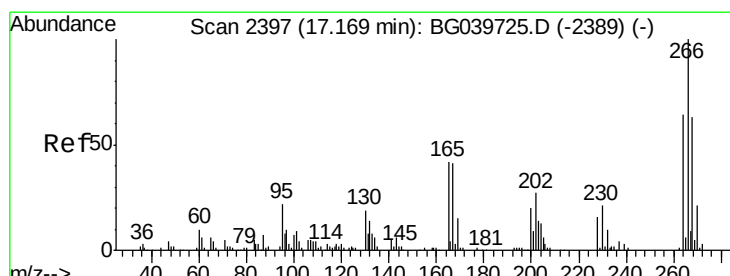
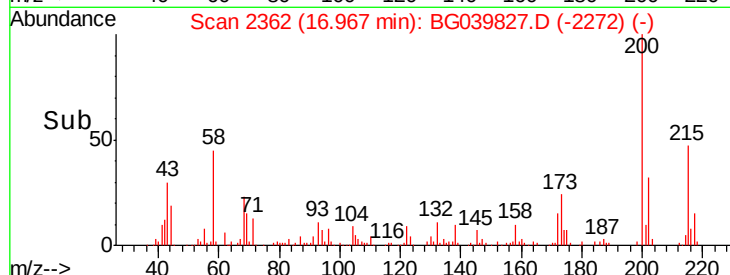
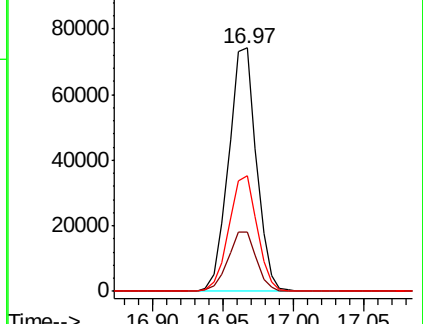
215 47.3 30.9 70.9



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: 46.805 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

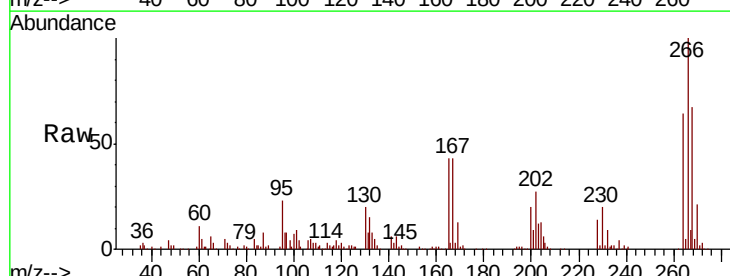
Tgt Ion:266 Resp: 109167

Ion Ratio Lower Upper

266 100

268 66.6 51.1 76.7

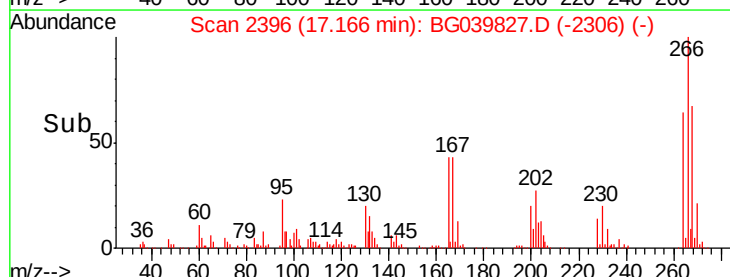
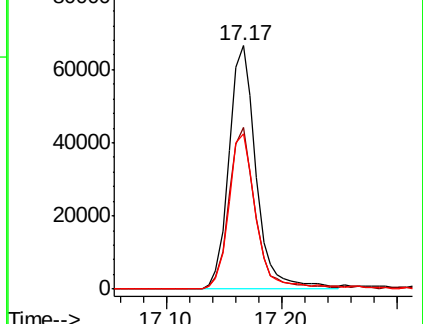
264 64.0 52.1 78.1

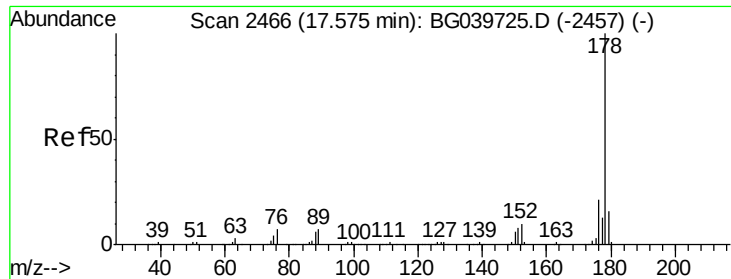


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

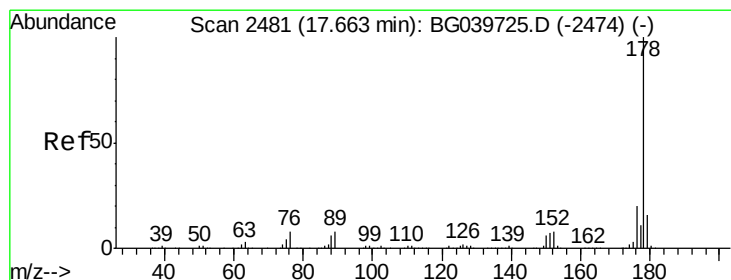
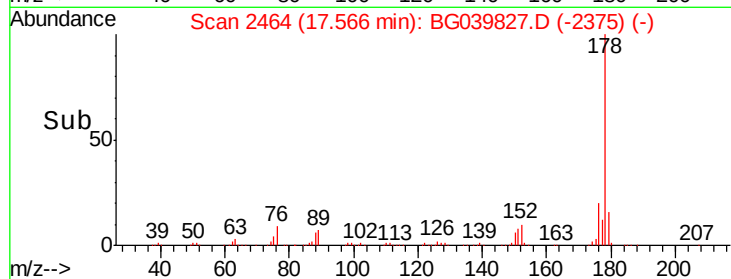
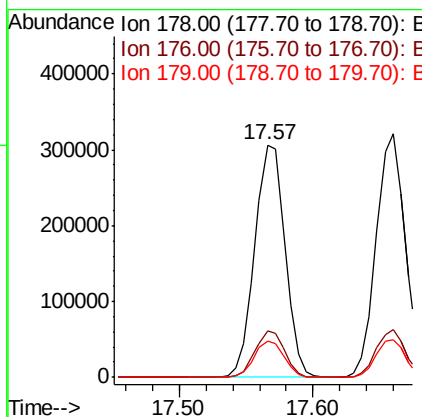
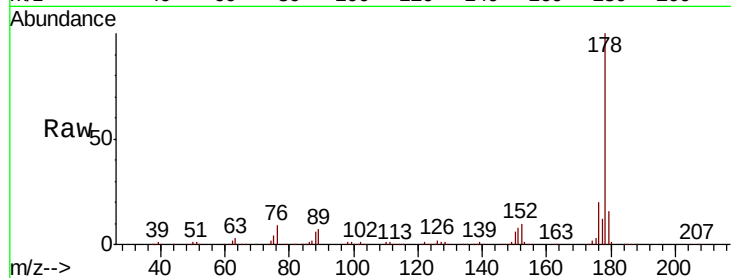




#71
 Phenanthrene
 Concen: 27.299 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

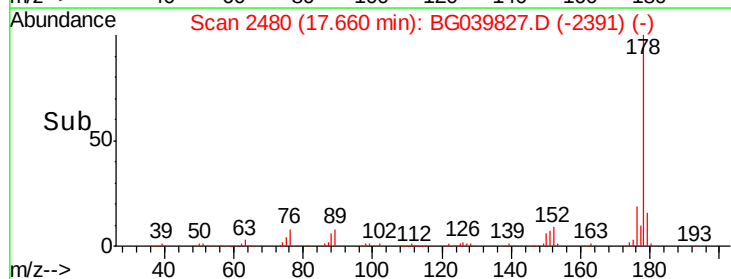
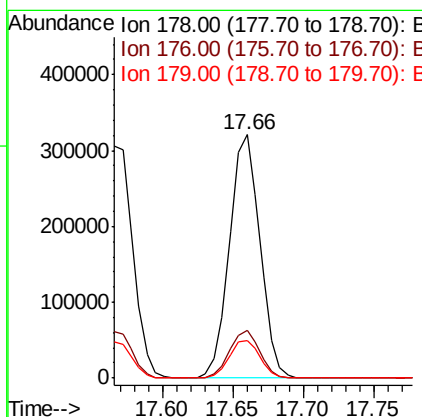
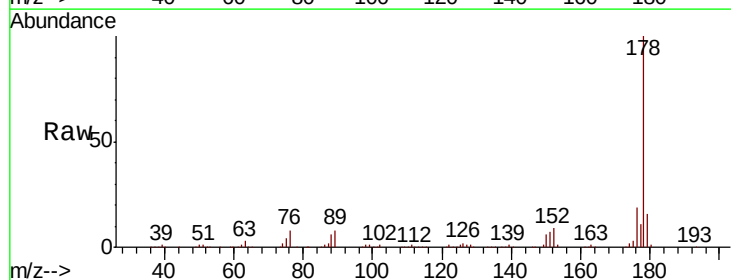
Instrument :
 BNA_G
 ClientSampleId :

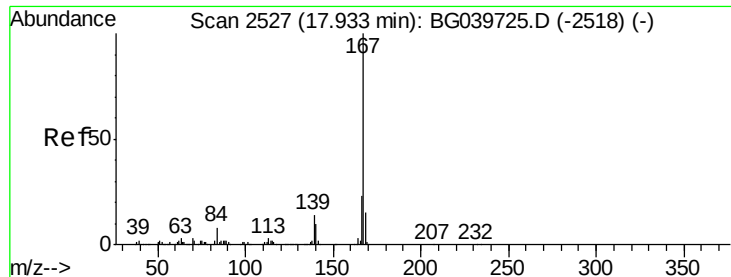
Tot Ion:178 Resp: 478608
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.7 12.6 19.0



#72
 Anthracene
 Concen: 28.202 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion:178 Resp: 481819
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.6 12.5 18.7

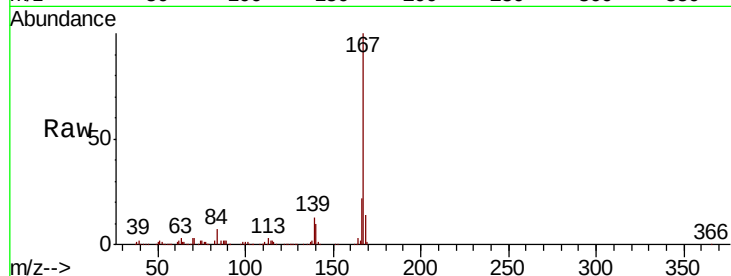




#73
 Carbazole
 Concen: 27.867 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	19.4	29.2
139	13.0	10.8	16.2

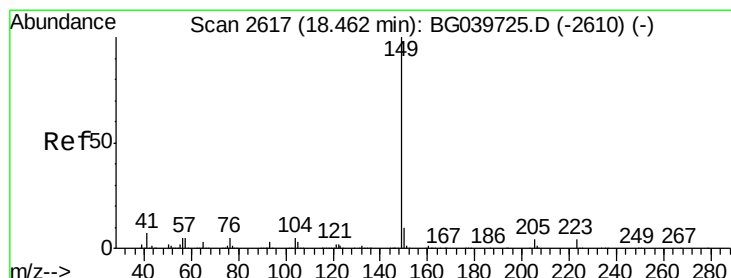
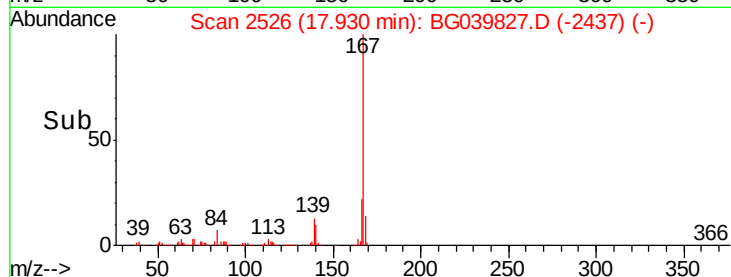
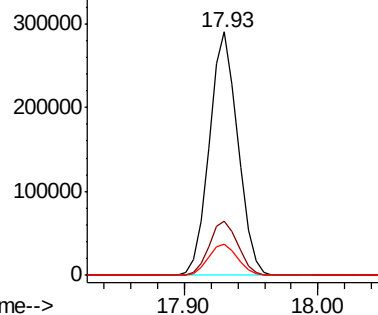


Abundance

Ion 167.00 (166.70 to 167.70): E

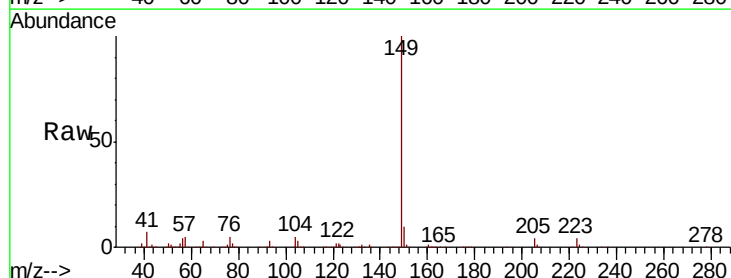
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 28.640 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039827.D
 Acq: 8 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.3	4.5	6.7

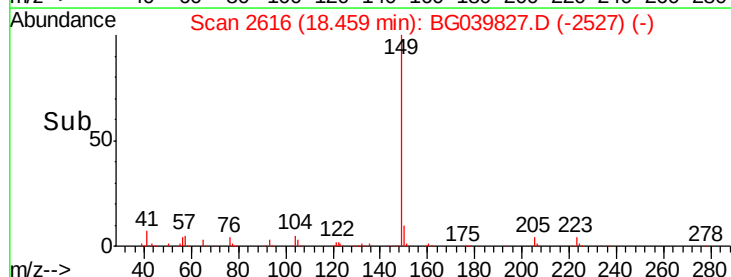
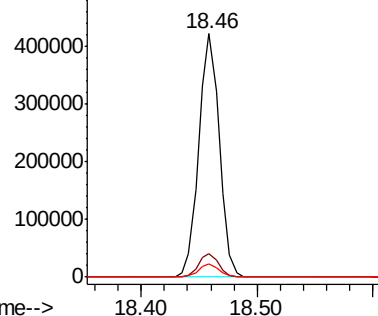


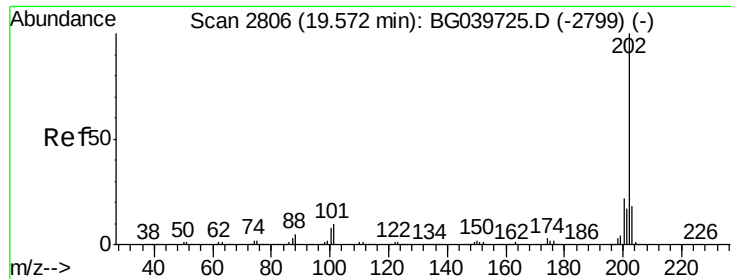
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 27.975 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

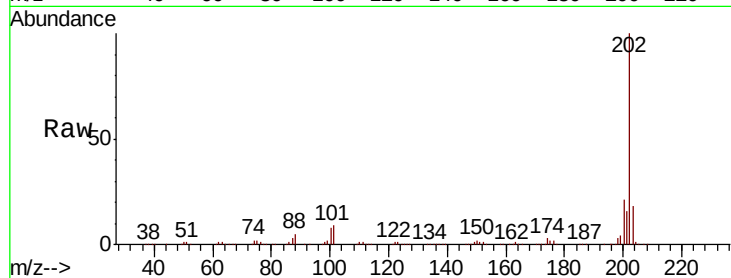
Tot Ion:202 Resp: 579628

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.0
203	17.9	0.0	38.9

202 100

101 8.5 0.0 30.0

203 17.9 0.0 38.9

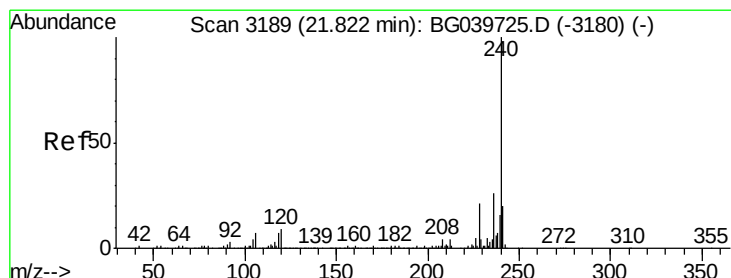
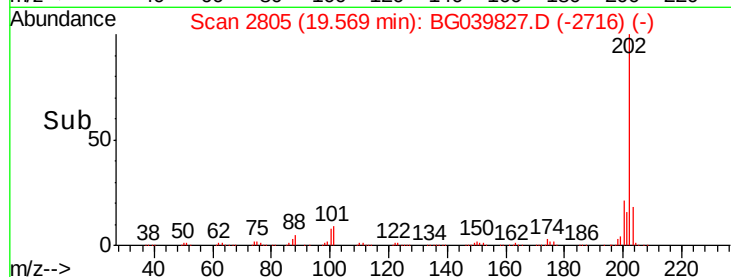
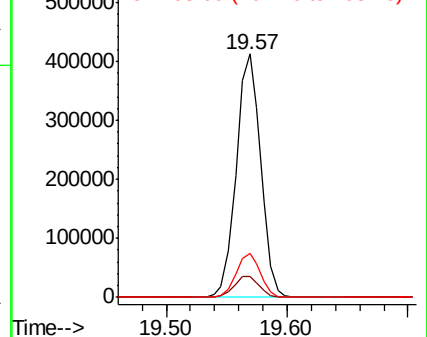


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

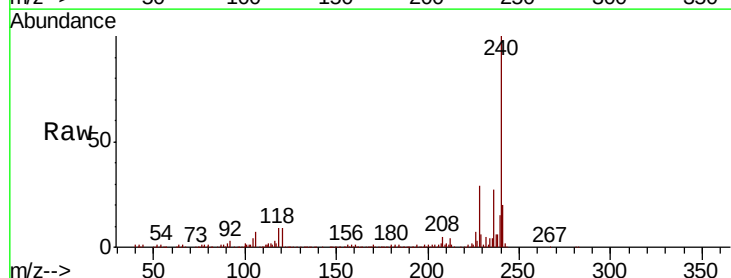
Tgt Ion:240 Resp: 321470

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.5	21.0	31.4

240 100

120 8.8 7.0 10.6

236 26.5 21.0 31.4

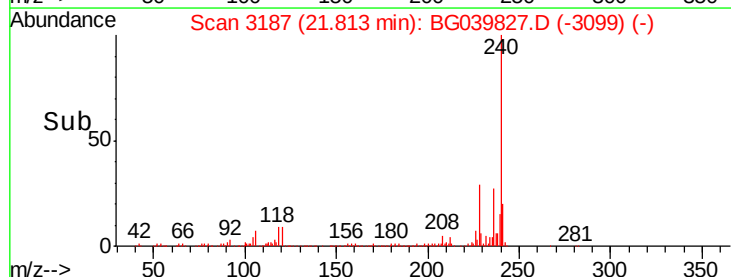
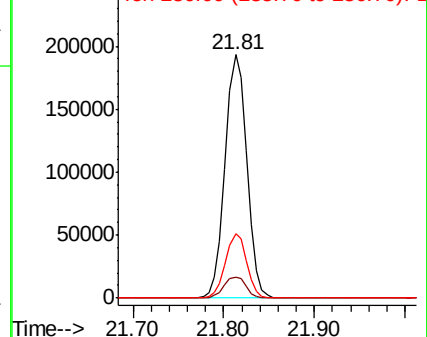


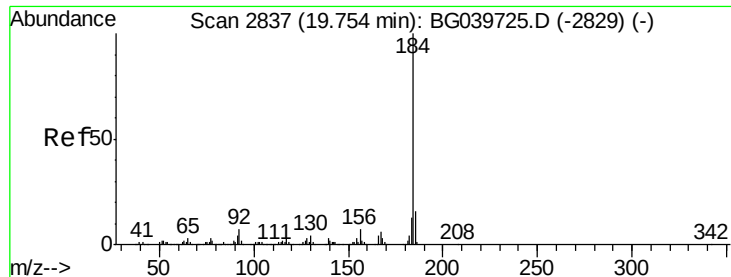
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.967 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampled :

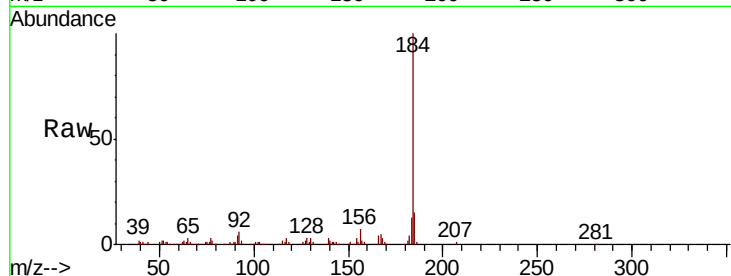
Tot Ion:184 Resp: 152684

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

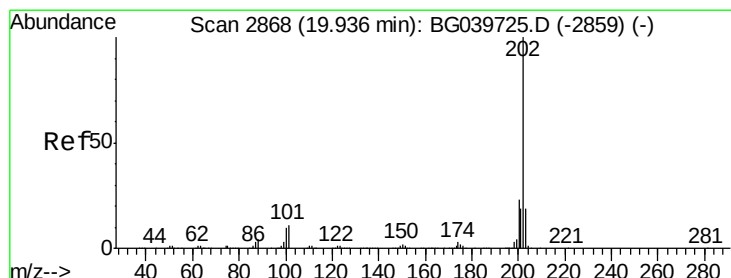
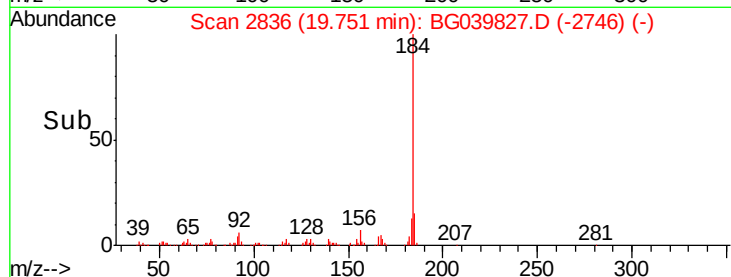
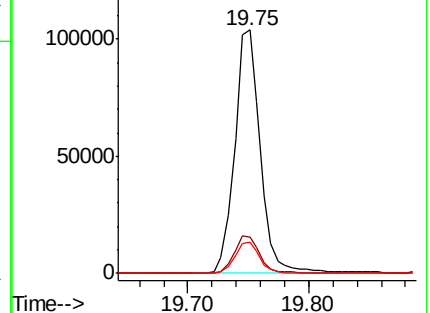
183 12.9 10.6 15.8



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: 27.665 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

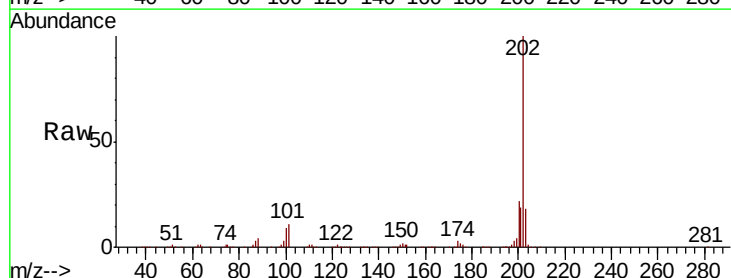
Tgt Ion:202 Resp: 577905

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

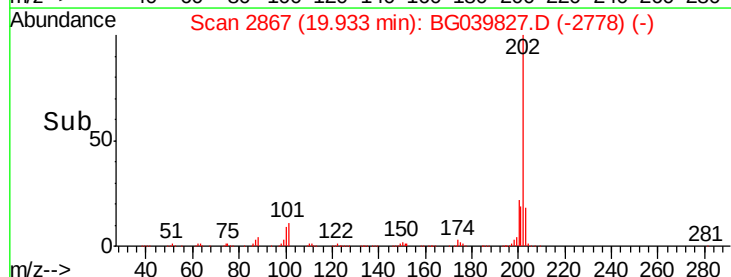
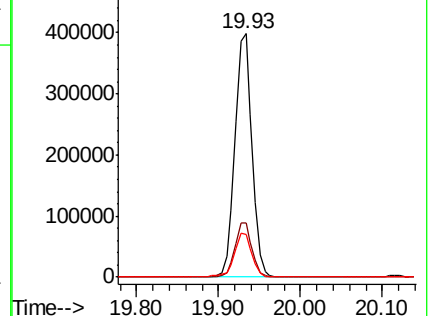
203 17.5 15.3 22.9

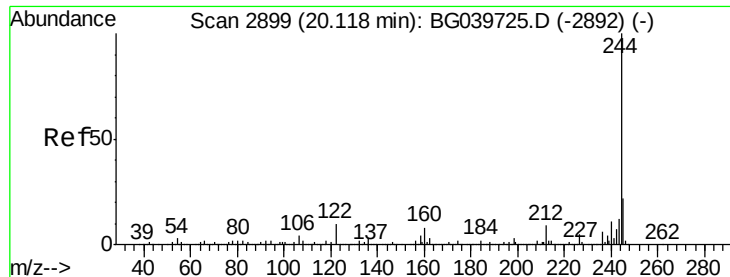


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.065 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampleId :

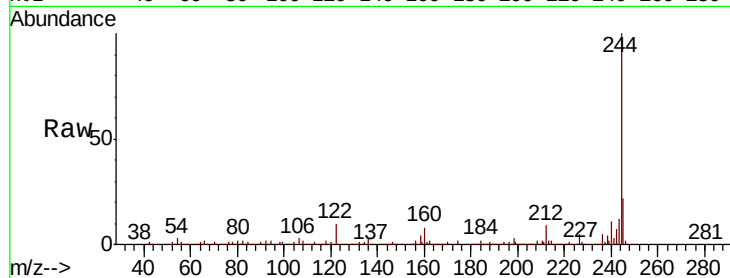
Tot Ion:244 Resp: 847762

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

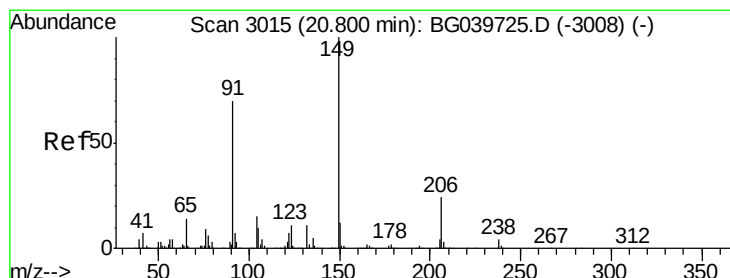
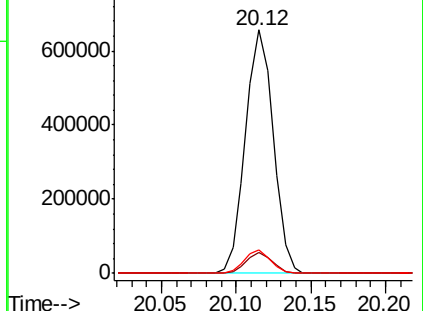
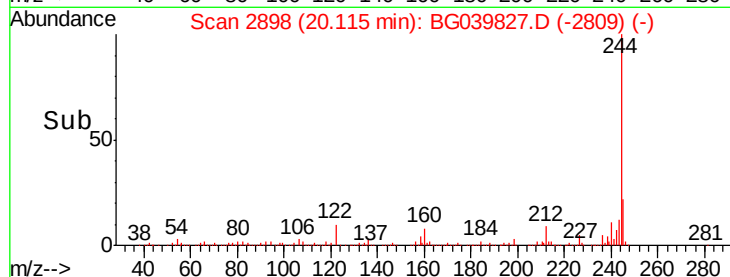
122 9.7 8.4 12.6



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: 29.225 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

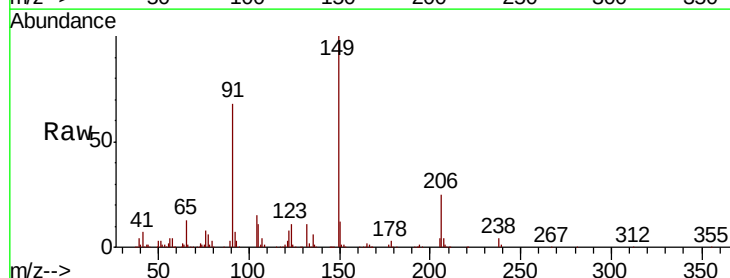
Tgt Ion:149 Resp: 236521

Ion Ratio Lower Upper

149 100

91 67.6 59.5 89.3

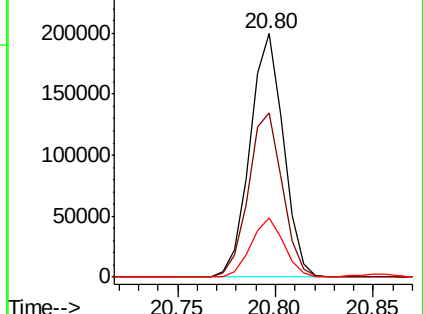
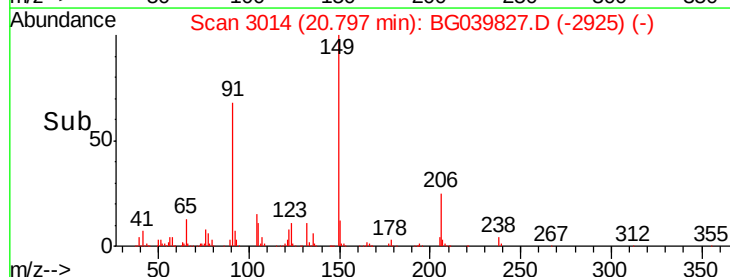
206 24.5 18.6 27.8

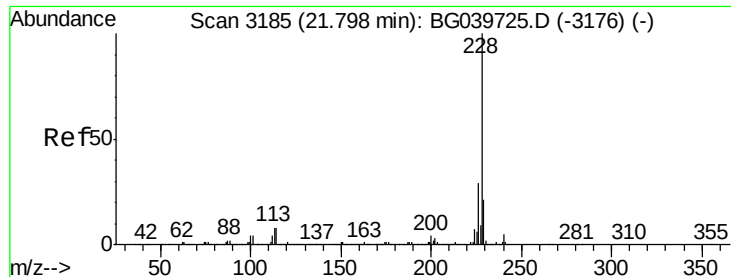


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

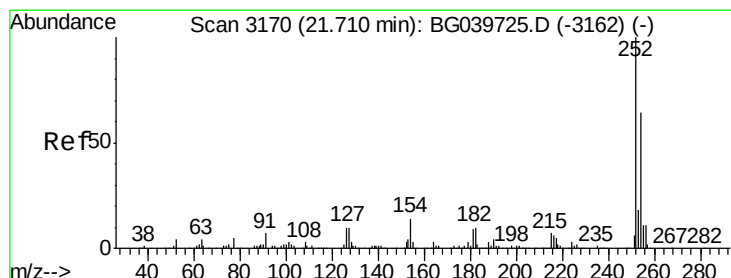
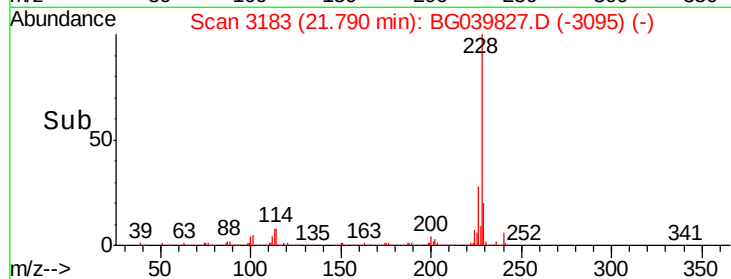
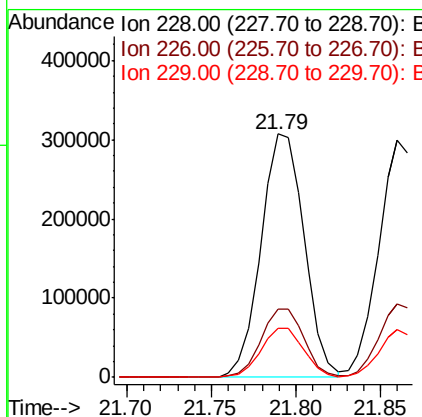
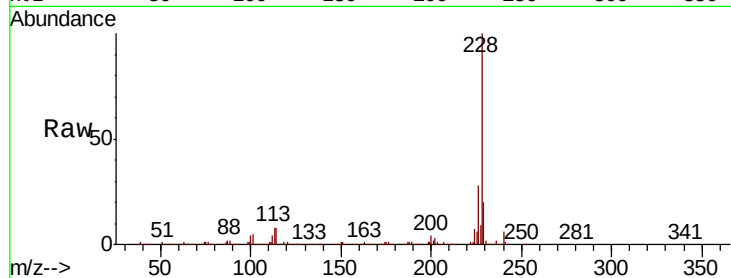




#81
Benzo(a)anthracene
Concen: 26.837 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

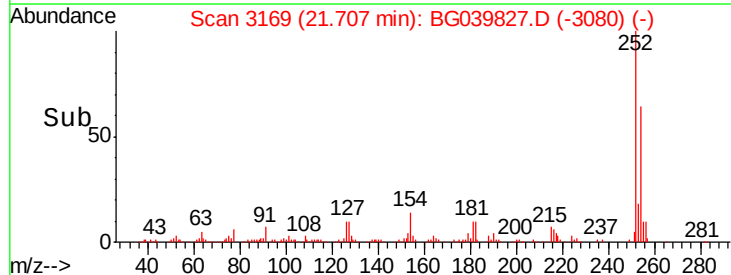
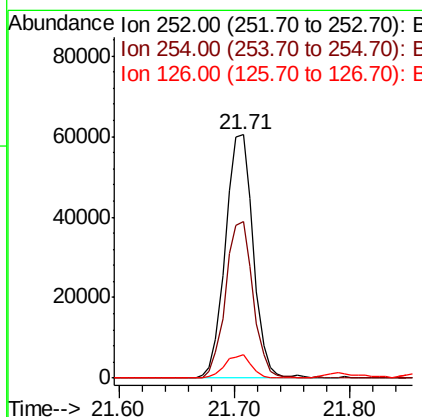
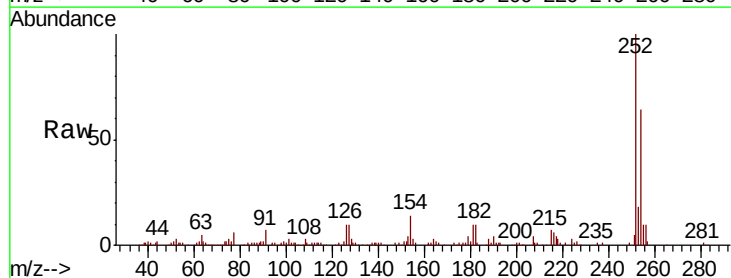
Instrument :
BNA_G
ClientSampleId :

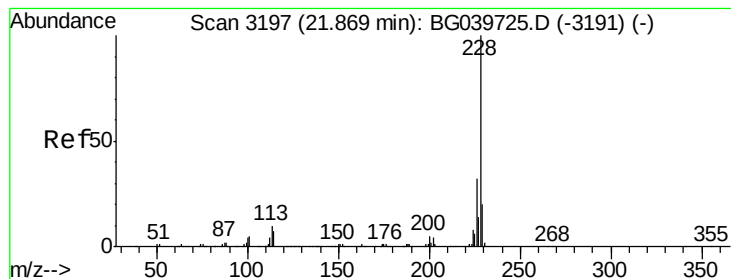
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.6
229	20.1	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 13.719 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	9.7	8.0	12.0





#83

Chrysene

Concen: 26.688 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Instrument :

BNA_G

ClientSampled :

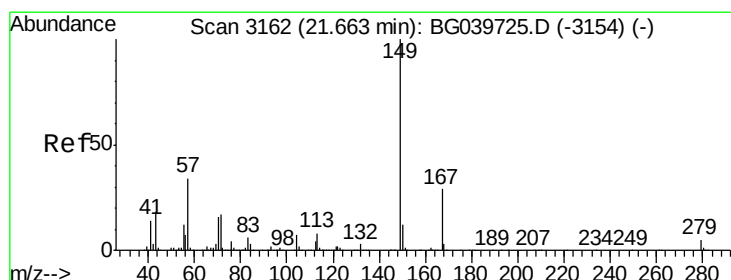
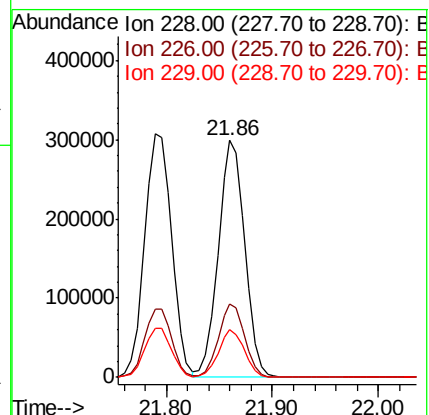
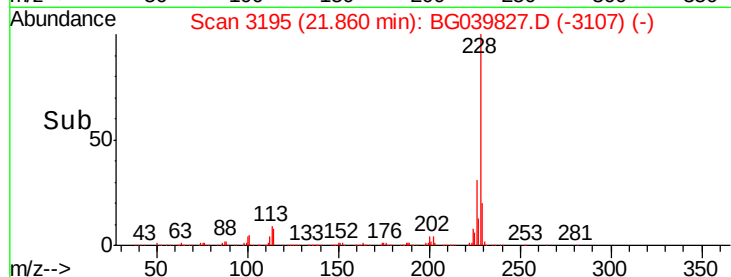
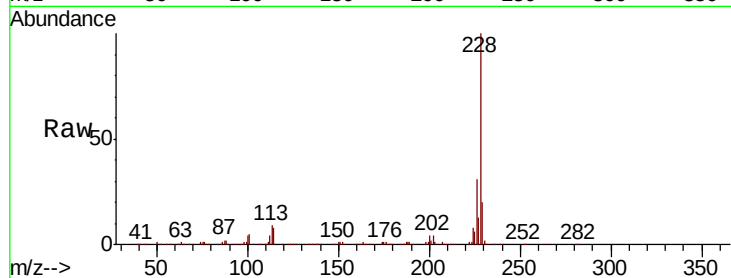
Tot Ion:228 Resp: 521290

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.8	38.6
229	20.1	16.6	25.0

228 100

226 30.9 25.8 38.6

229 20.1 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.822 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

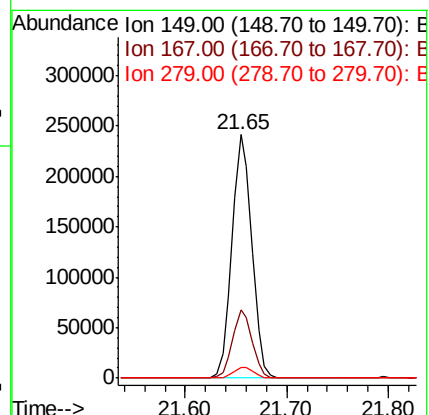
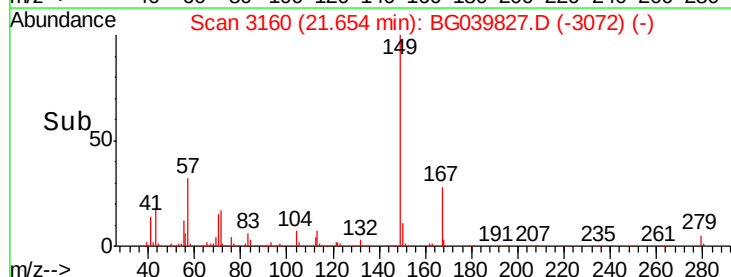
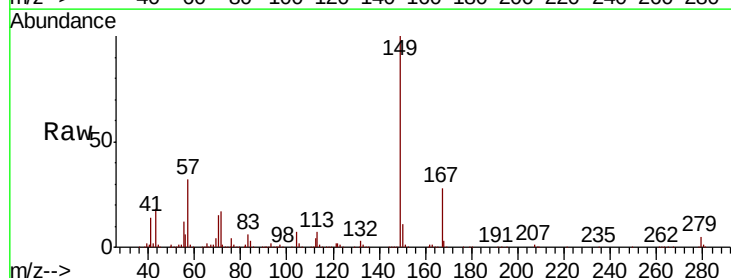
Tgt Ion:149 Resp: 327788

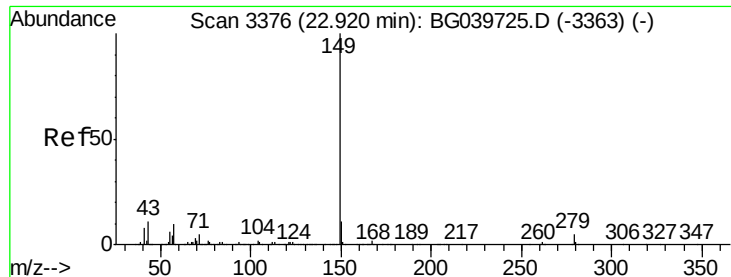
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	34.0
279	4.6	3.5	5.3

149 100

167 27.9 22.6 34.0

279 4.6 3.5 5.3

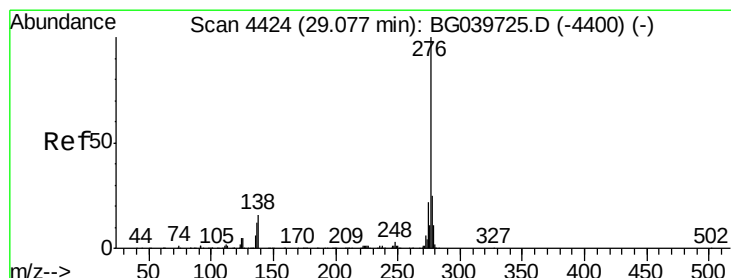
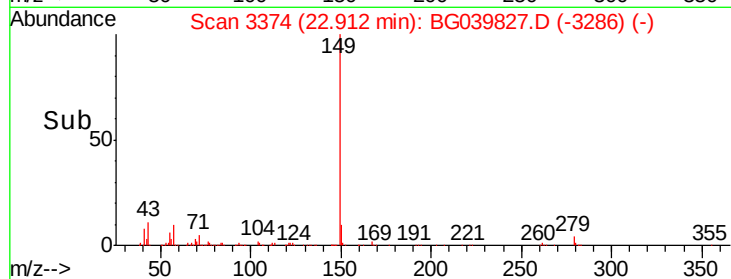
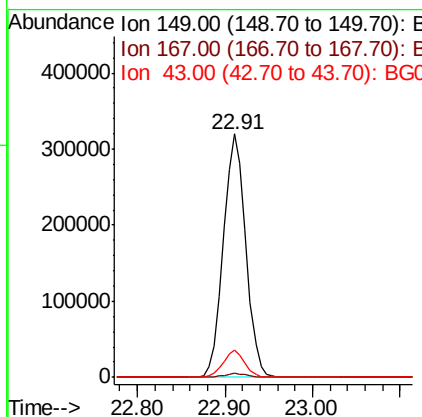
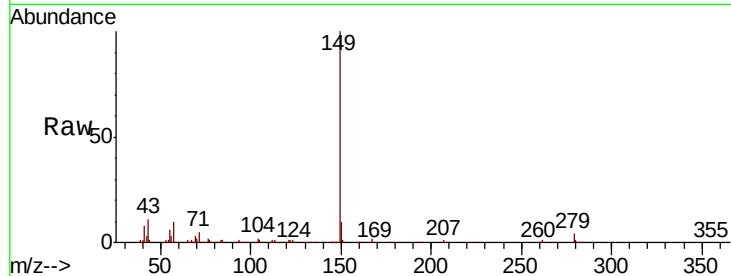




#85
Di-n-octyl phthalate
Concen: 29.889 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

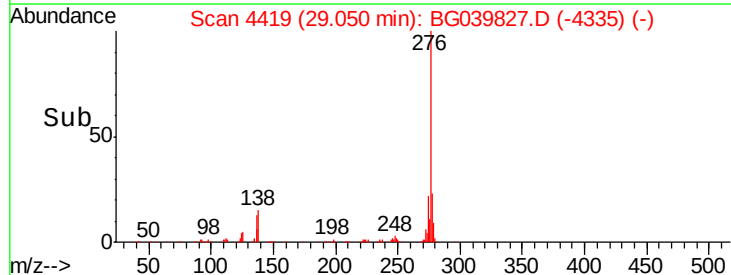
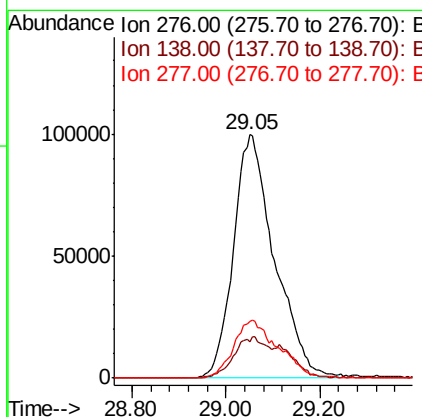
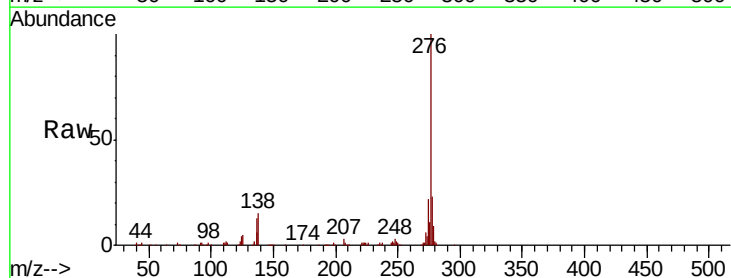
Instrument :
BNA_G
ClientSampleId :

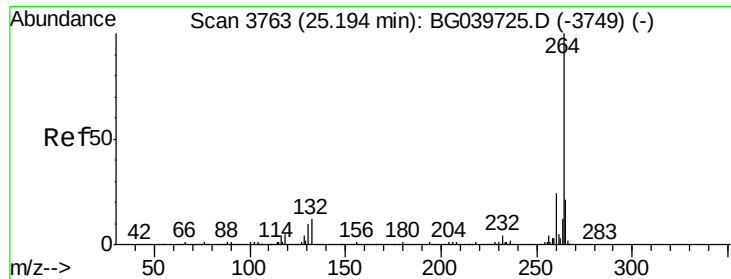
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.5	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 27.276 ng
RT: 29.05 min Scan# 4419
Delta R.T. -0.04 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	12.6	19.0
277	25.7	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

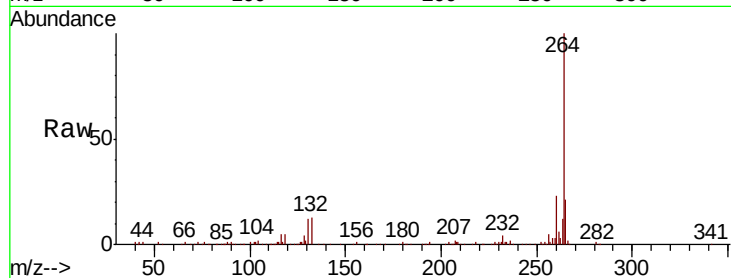
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 329257

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.1	18.5	27.7

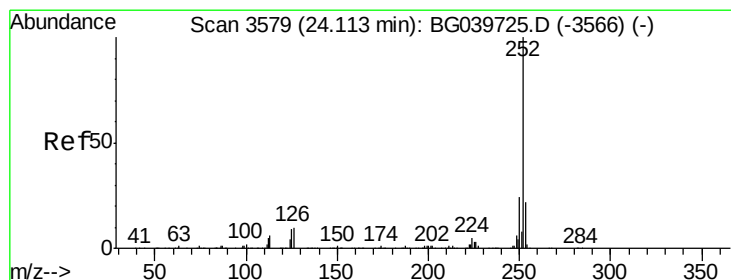
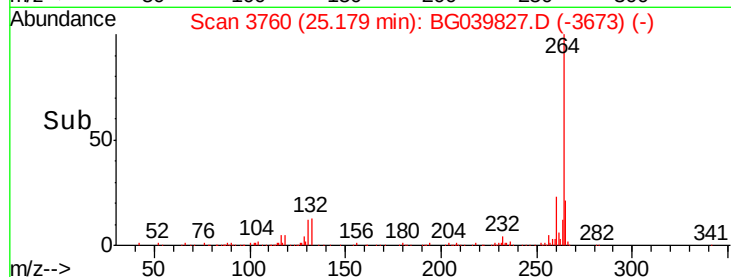
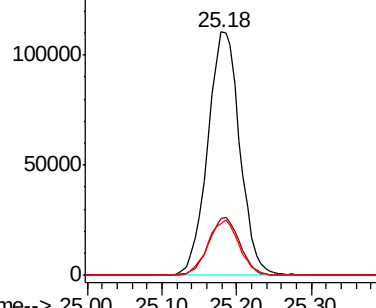


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 27.102 ng

RT: 24.10 min Scan# 3576

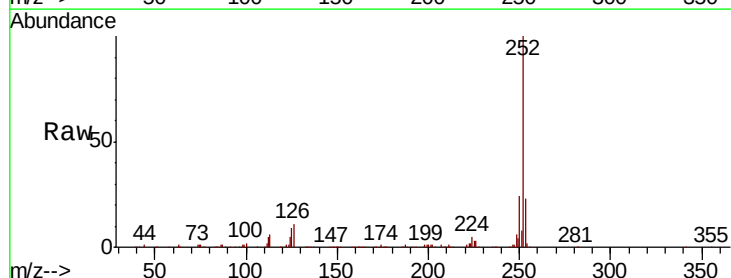
Delta R.T. -0.02 min

Lab File: BG039827.D

Acq: 8 Mar 2019 18:54

Tgt Ion:252 Resp: 532137

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	9.1	7.8	11.6

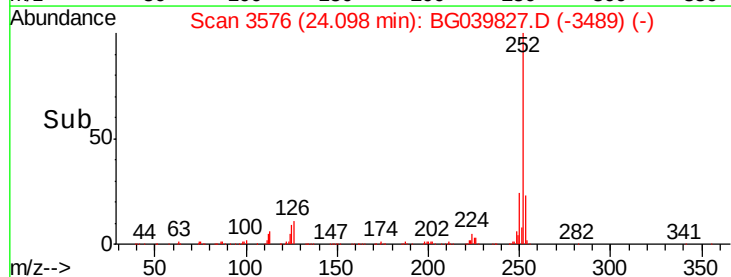
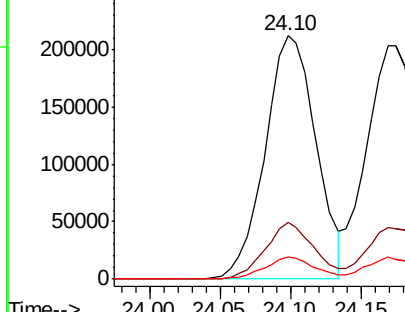


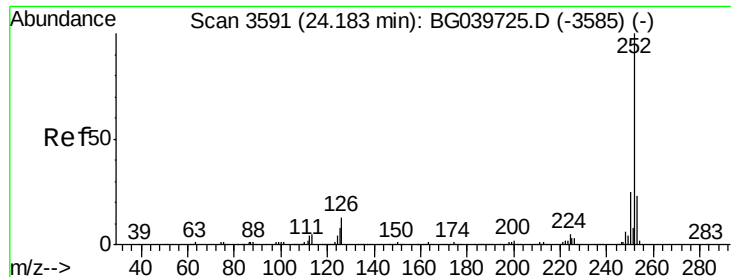
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

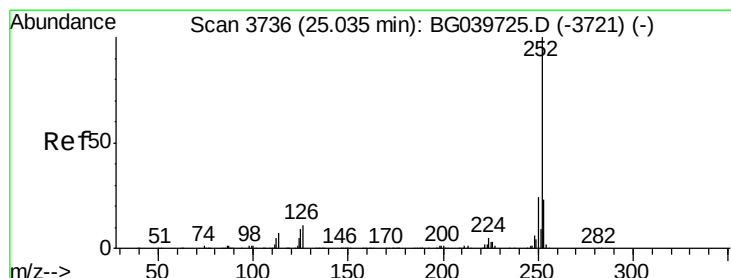
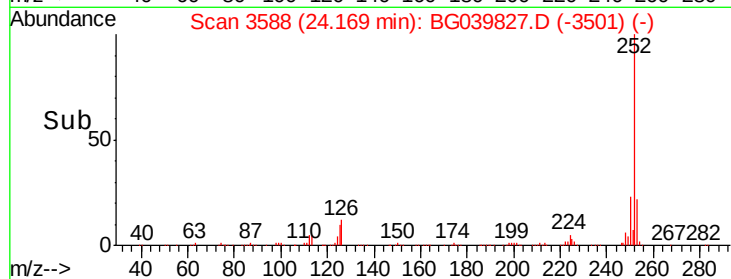
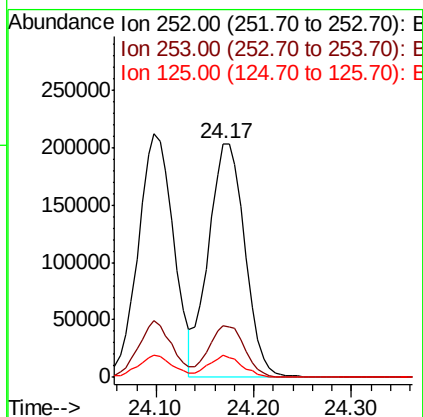
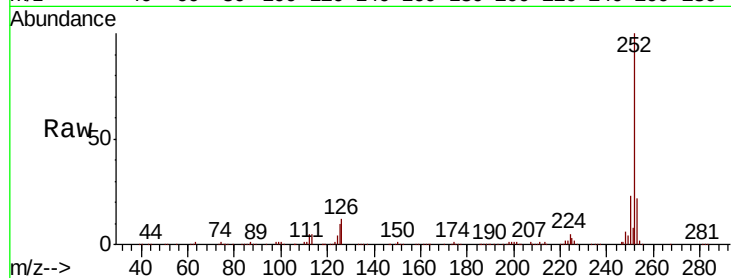




#89
Benzo(k)fluoranthene
Concen: 28.722 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

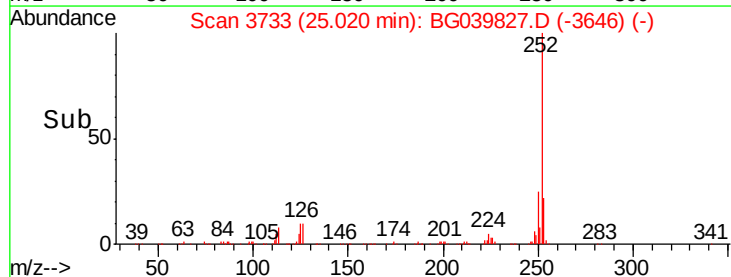
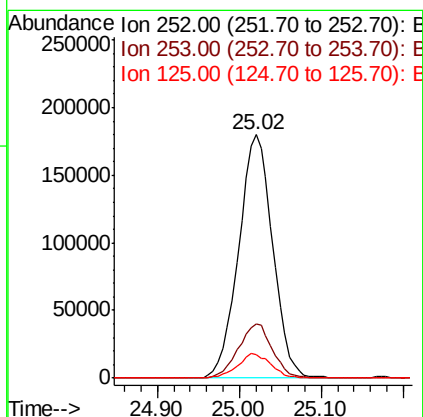
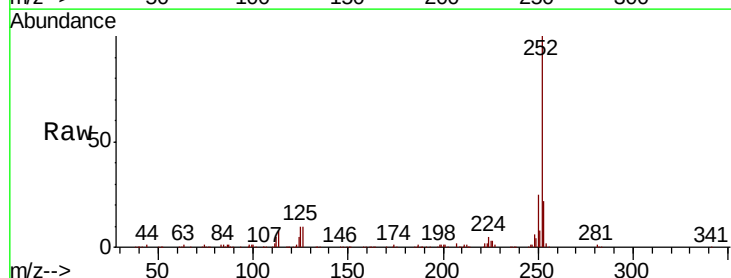
Instrument :
BNA_G
ClientSampled :

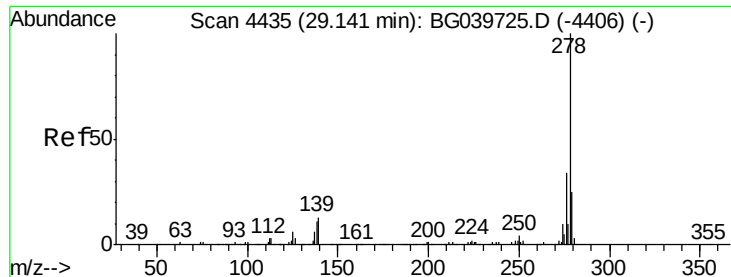
Tot Ion:252 Resp: 524943
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 28.644 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion:252 Resp: 519688
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.6 8.3 12.5

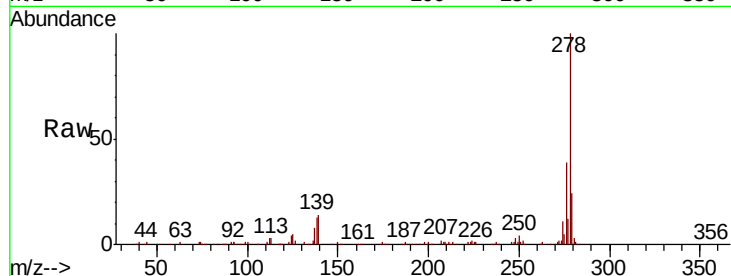




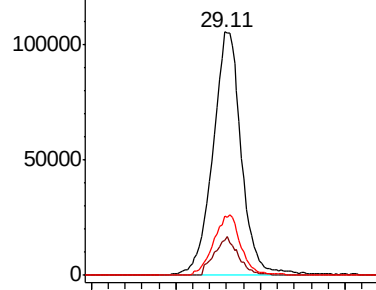
#91
Dibenzo(a,h)anthracene
Concen: 27.901 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Instrument :
BNA_G
ClientSampleId :

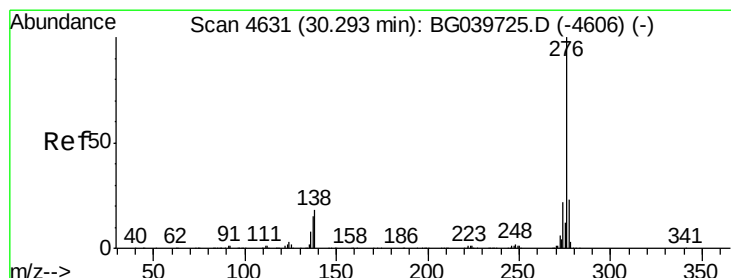
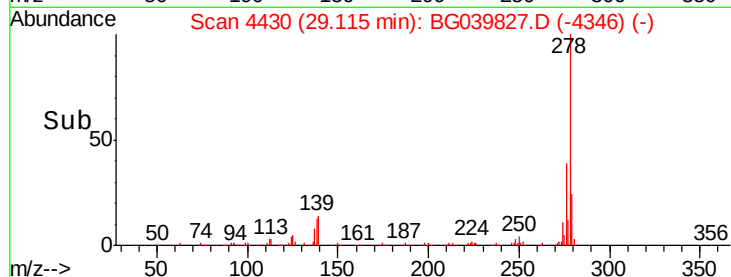
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.7	17.5
279	24.5	19.1	28.7



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

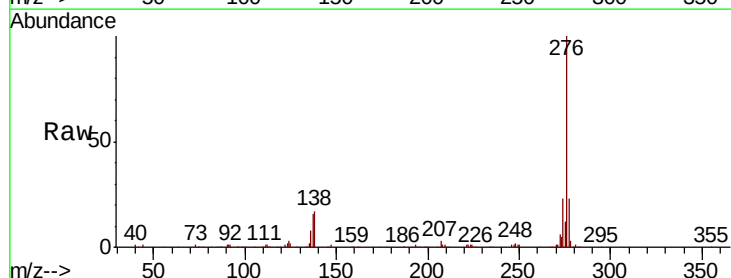


Time--> 28.80 29.00 29.20 29.40

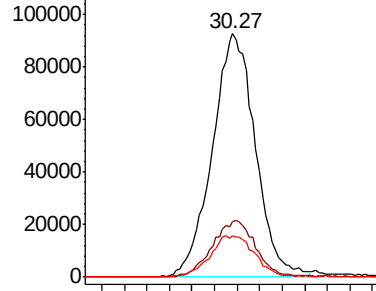


#92
Benzo(g,h,i)perylene
Concen: 27.482 ng
RT: 30.27 min Scan# 4627
Delta R.T. -0.04 min
Lab File: BG039827.D
Acq: 8 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.6	29.4
138	16.9	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



Time--> 30.20 30.40

