

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
 Data File : BG039251.D
 Acq On : 22 Jan 2019 15:08
 Operator : JU/SJ
 Sample : PB116551BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

Quant Time: Jan 22 16:59:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	15936	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	73711	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	48261	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	132504	20.00	ng	0.00
76) Chrysene-d12	21.67	240	139879	20.00	ng	0.00
87) Perylene-d12	24.93	264	141214	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	134162	159.70	ng	0.00
7) Phenol-d6	7.17	99	182193	150.70	ng	0.00
23) Nitrobenzene-d5	9.18	82	96860	71.90	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	105345	130.22	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	278396	78.95	ng	0.00
79) Terphenyl-d14	20.00	244	568281	75.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	18800	57.147	ng	89
3) Pyridine	3.84	79	28951	32.387	ng	97
4) n-Nitrosodimethylamine	3.76	42	19693	48.958	ng	99
6) Aniline	7.33	93	48305	33.269	ng	99
8) 2-Chlorophenol	7.57	128	45765	46.215	ng	99
9) Benzaldehyde	7.15	77	12643	18.134	ng	92
10) Phenol	7.20	94	60853	50.205	ng	95
11) bis(2-Chloroethyl)ether	7.43	93	36771	39.693	ng	98
12) 1,3-Dichlorobenzene	7.89	146	47198	39.780	ng	98
13) 1,4-Dichlorobenzene	8.04	146	47836	39.810	ng	99
14) 1,2-Dichlorobenzene	8.35	146	45804	39.979	ng	94
15) Benzyl Alcohol	8.25	79	41812	45.925	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	77085	43.395	ng	98
17) 2-Methylphenol	8.45	107	39475	46.902	ng	96
18) Hexachloroethane	9.08	117	16209	39.706	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	31052	39.113	ng	93
20) 3+4-Methylphenols	8.78	107	54182	45.153	ng	97
22) Acetophenone	8.84	105	64401	33.456	ng	# 98
24) Nitrobenzene	9.22	77	48004	35.256	ng	98
25) Isophorone	9.74	82	96874	41.749	ng	99
26) 2-Nitrophenol	9.94	139	29129	39.552	ng	99
27) 2,4-Dimethylphenol	9.99	122	50468	48.709	ng	93
28) bis(2-Chloroethoxy)methane	10.22	93	55788	40.004	ng	99
29) 2,4-Dichlorophenol	10.47	162	70276	54.596	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	65129	42.111	ng	96
31) Naphthalene	10.88	128	155394	42.033	ng	99
32) Benzoic acid	10.16	122	14302	27.474	ng	93
33) 4-Chloroaniline	10.99	127	37374	22.593	ng	98
34) Hexachlorobutadiene	11.13	225	38514	36.191	ng	96
35) Caprolactam	11.79	113	10922	21.160	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	59583	43.278	ng	92
37) 2-Methylnaphthalene	12.47	142	110919	40.018	ng	99
38) 1-Methylnaphthalene	12.47	142	110919	41.692	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	70140	38.698	ng	99

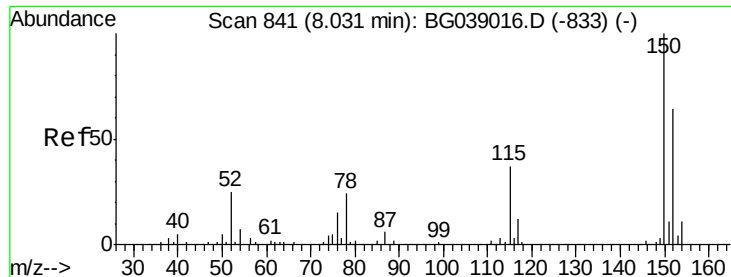
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
 Data File : BG039251.D
 Acq On : 22 Jan 2019 15:08
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	72336	71.517	ng	97
43) 2,4,6-Trichlorophenol	13.08	196	48433	42.458	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	52453	43.506	ng	98
46) 1,1'-Biphenyl	13.48	154	146279	38.252	ng	97
47) 2-Chloronaphthalene	13.53	162	117301	37.905	ng	99
48) 2-Nitroaniline	13.75	65	35494	40.941	ng	94
49) Acenaphthylene	14.38	152	195833	42.103	ng	99
50) Dimethylphthalate	14.10	163	161225	39.533	ng	100
51) 2,6-Dinitrotoluene	14.24	165	36273	39.782	ng	97
52) Acenaphthene	14.71	154	110986	39.714	ng	98
53) 3-Nitroaniline	14.57	138	26181	28.305	ng	96
54) 2,4-Dinitrophenol	14.78	184	24843	47.890	ng	92
55) Dibenzofuran	15.05	168	194985	39.505	ng	99
56) 4-Nitrophenol	14.88	139	52393	78.723	ng	100
57) 2,4-Dinitrotoluene	15.02	165	51888	39.666	ng	# 94
58) Fluorene	15.70	166	158887	42.767	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	48670	42.764	ng	98
60) Diethylphthalate	15.46	149	165926	39.488	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	90332	38.594	ng	98
62) 4-Nitroaniline	15.74	138	38492	39.947	ng	99
63) Azobenzene	15.98	77	133815	40.723	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	27588	28.103	ng	98
66) n-Nitrosodiphenylamine	15.90	169	150850	38.403	ng	97
67) 4-Bromophenyl-phenylether	16.58	248	61181	35.920	ng	99
68) Hexachlorobenzene	16.70	284	65606	35.299	ng	95
69) Atrazine	16.84	200	61097	36.613	ng	98
70) Pentachlorophenol	17.05	266	56087	51.101	ng	94
71) Phenanthrene	17.44	178	298425	42.609	ng	100
72) Anthracene	17.53	178	301229	43.500	ng	99
73) Carbazole	17.81	167	251594	36.804	ng	99
74) Di-n-butylphthalate	18.34	149	307230	40.399	ng	100
75) Fluoranthene	19.45	202	349469	40.250	ng	98
77) Benzidine	19.64	184	107505	25.128	ng	98
78) Pyrene	19.81	202	354067	39.719	ng	99
80) Butylbenzylphthalate	20.68	149	126419	37.287	ng	99
81) Benzo(a)anthracene	21.65	228	373130	43.820	ng	100
82) 3,3'-Dichlorobenzidine	21.57	252	89881	25.906	ng	99
83) Chrysene	21.72	228	334003	41.242	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	187437	39.815	ng	94
85) Di-n-octyl phthalate	22.73	149	320739	40.292	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	409900	42.358	ng	100
88) Benzo(b)fluoranthene	23.88	252	373544	47.973	ng	100
89) Benzo(k)fluoranthene	23.96	252	339199	44.059	ng	98
90) Benzo(a)pyrene	24.78	252	361923	48.088	ng	98
91) Dibenzo(a,h)anthracene	28.73	278	338305	45.191	ng	98
92) Benzo(g,h,i)perylene	29.85	276	331760	44.765	ng	98

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

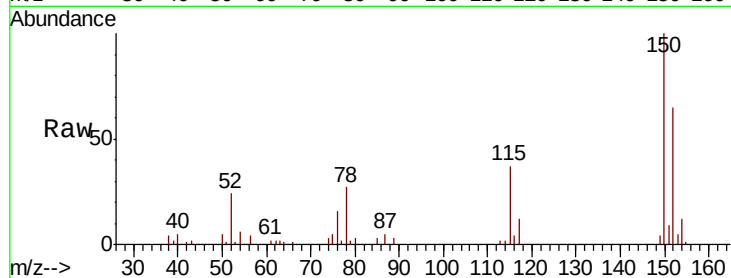


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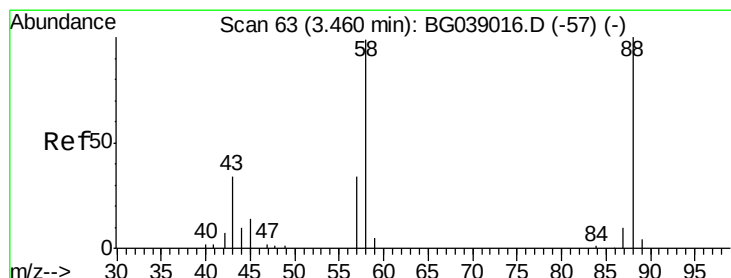
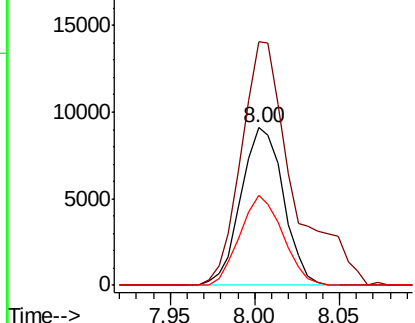
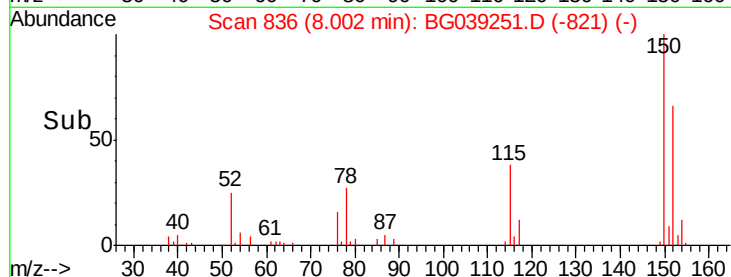
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_G
ClientSampleId :
PB116551BS

Tot Ion:152 Resp: 15936
Ion Ratio Lower Upper
152 100
150 154.5 124.7 187.1
115 57.3 46.5 69.7



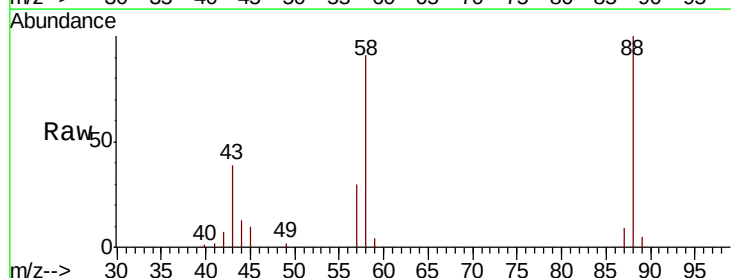
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



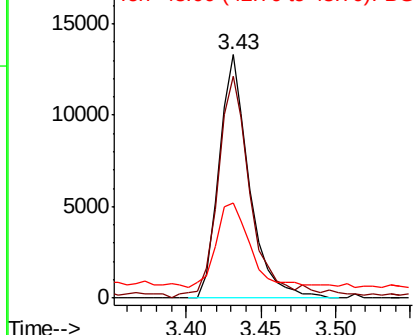
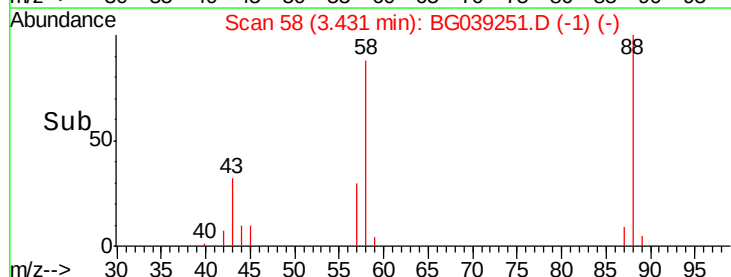
#2

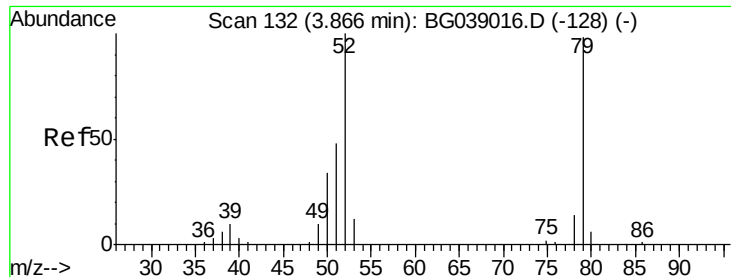
1,4-Dioxane
Concen: 57.147 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion: 88 Resp: 18800
Ion Ratio Lower Upper
88 100
58 101.9 72.4 108.6
43 40.0 27.6 41.4



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

Pvridine

Concen: 32.387 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

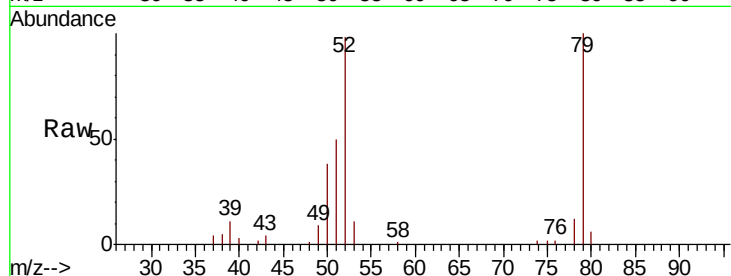
Tot Ion: 79 Resp: 28951

Ion Ratio Lower Upper

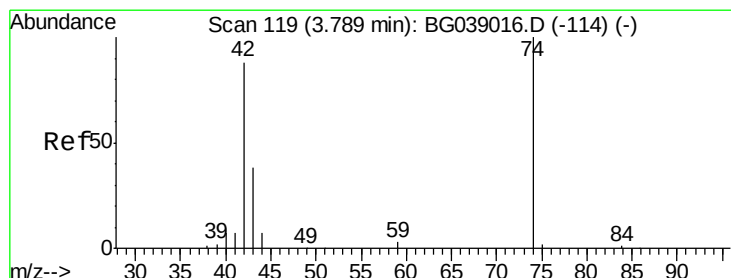
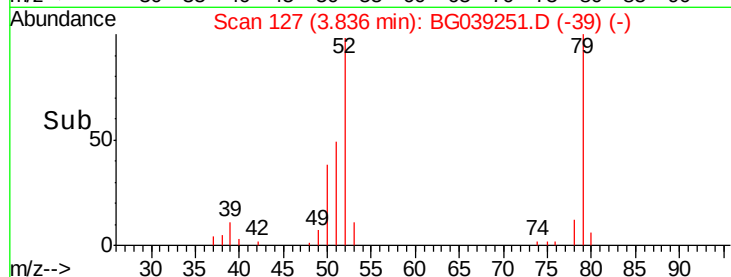
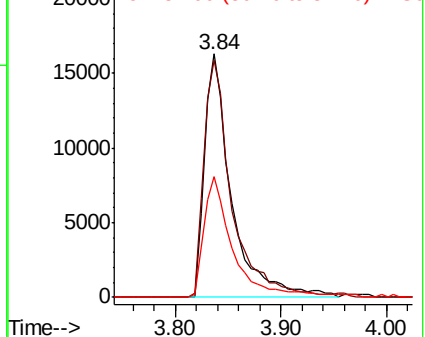
79 100

52 97.5 81.5 122.3

51 49.5 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 48.958 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

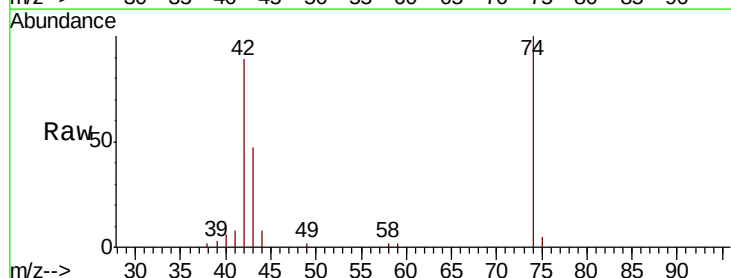
Tgt Ion: 42 Resp: 19693

Ion Ratio Lower Upper

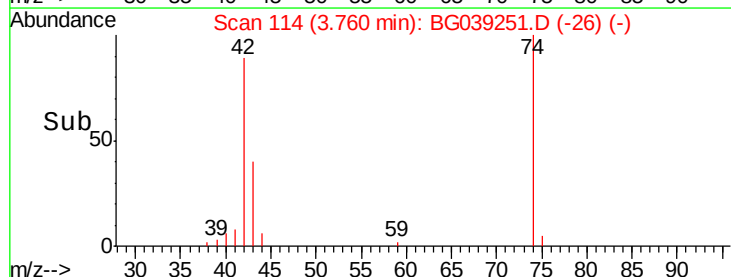
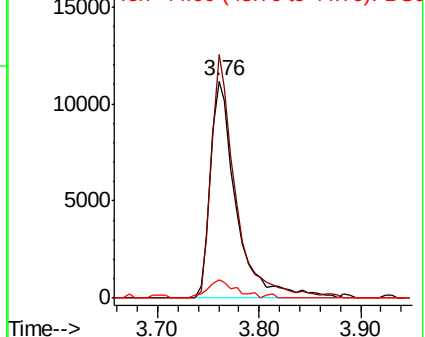
42 100

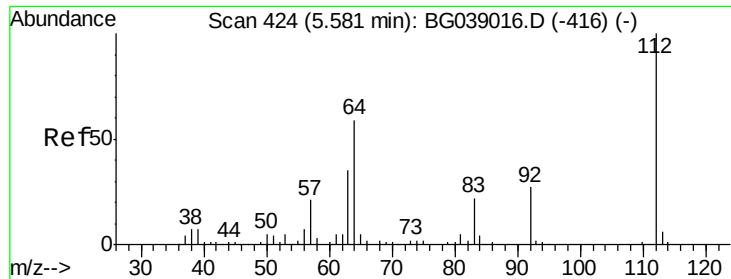
74 112.1 90.7 136.1

44 8.4 6.5 9.7



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





#5

2-Fluorophenol

Concen: 159.703 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

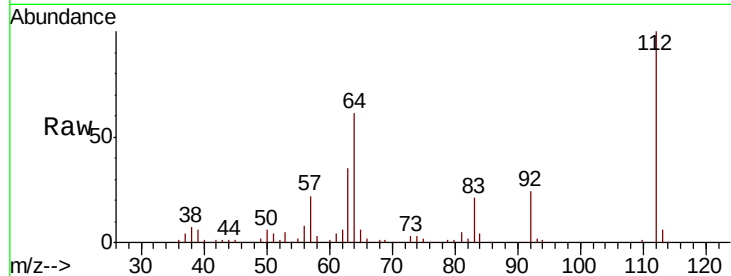
Tot Ion: 112 Resp: 134162

Ion Ratio Lower Upper

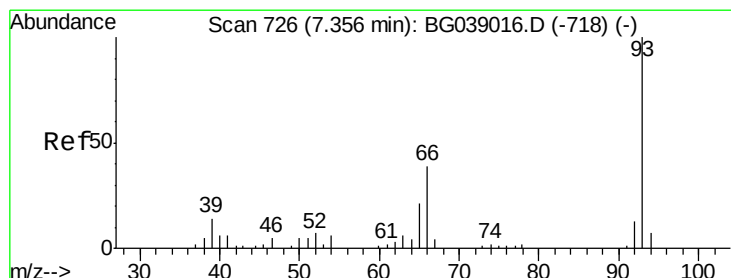
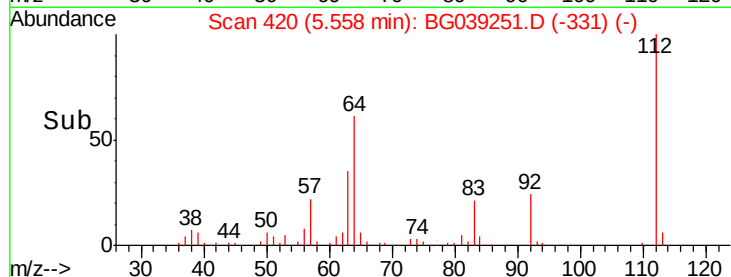
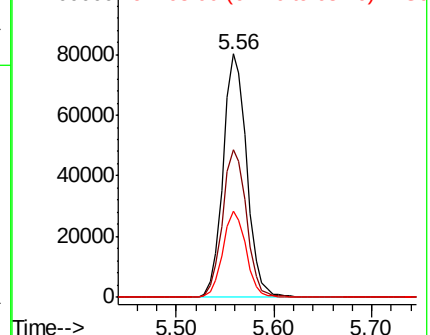
112 100

64 60.6 47.0 70.6

63 35.3 28.0 42.0



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: 33.269 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

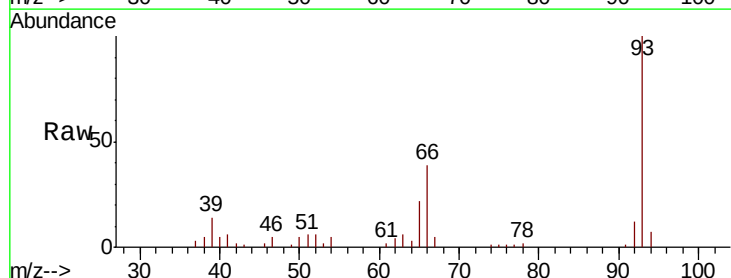
Tgt Ion: 93 Resp: 48305

Ion Ratio Lower Upper

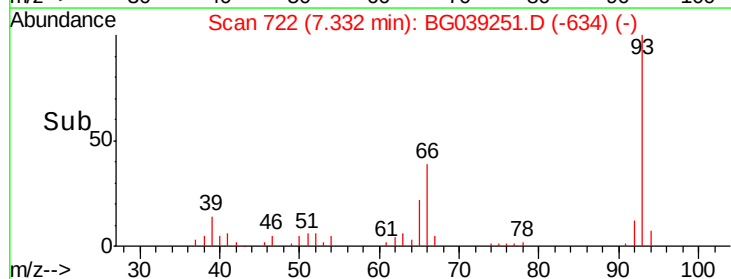
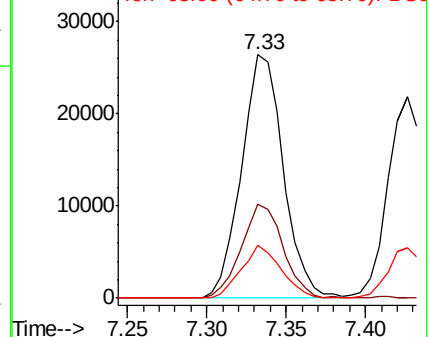
93 100

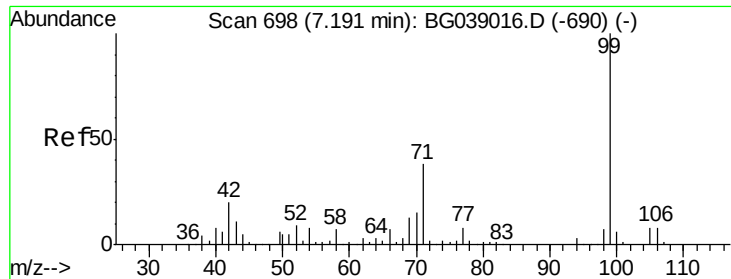
66 38.7 30.9 46.3

65 21.7 17.0 25.4



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: 150.701 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

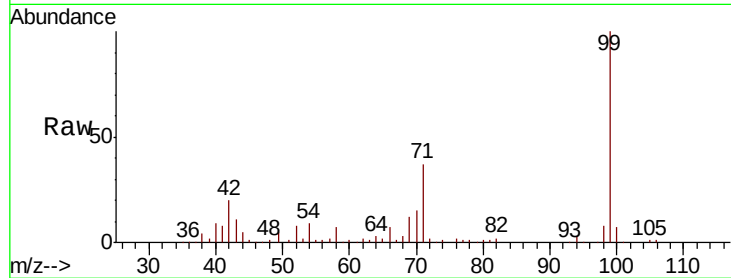
Tot Ion: 99 Resp: 182193

Ion Ratio Lower Upper

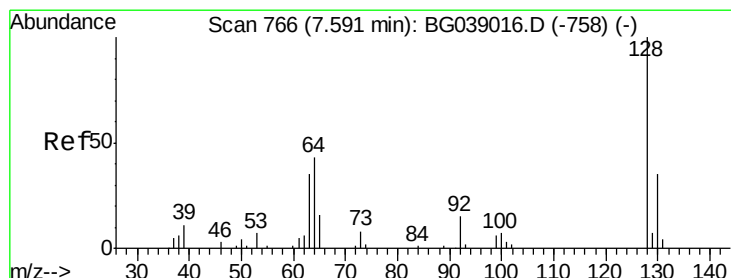
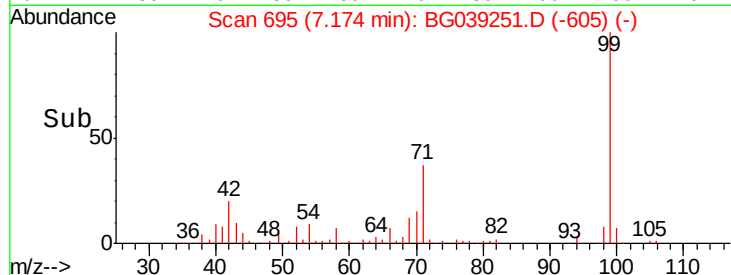
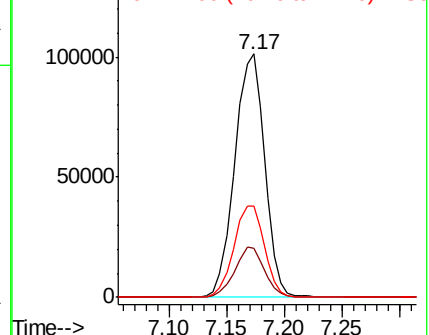
99 100

42 20.1 15.8 23.6

71 37.4 30.2 45.4



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: 46.215 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

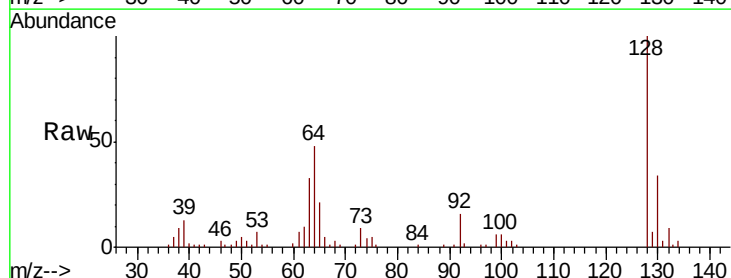
Tgt Ion: 128 Resp: 45765

Ion Ratio Lower Upper

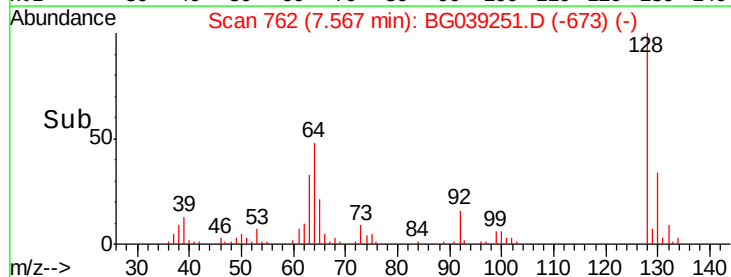
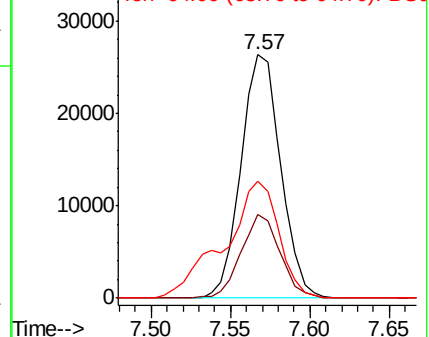
128 100

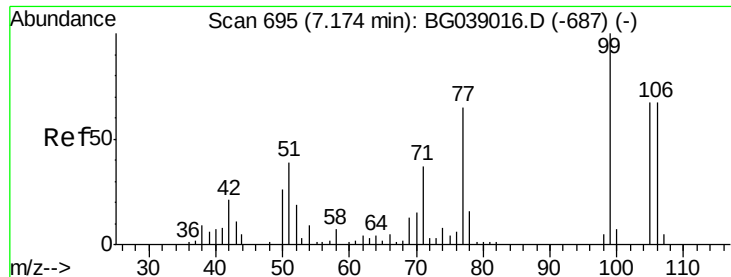
130 34.5 14.5 54.5

64 48.1 27.3 67.3



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: 18.134 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

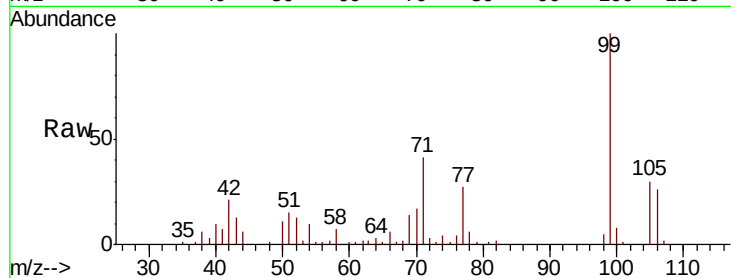
Tot Ion: 77 Resp: 12643

Ion Ratio Lower Upper

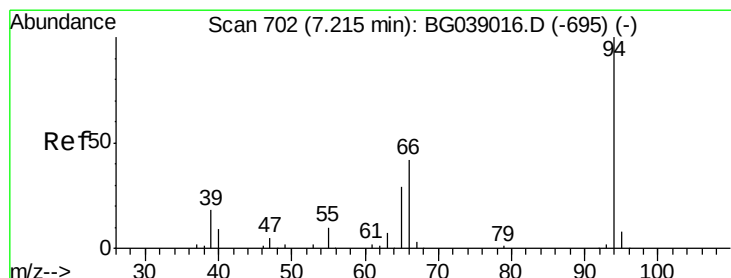
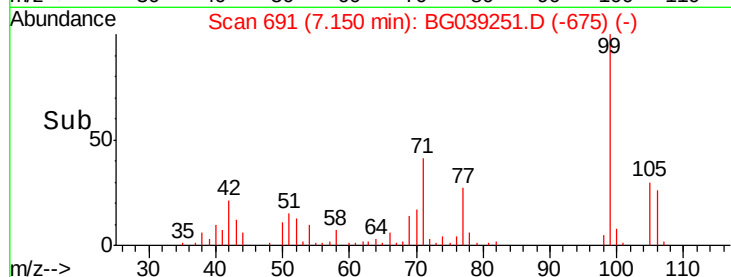
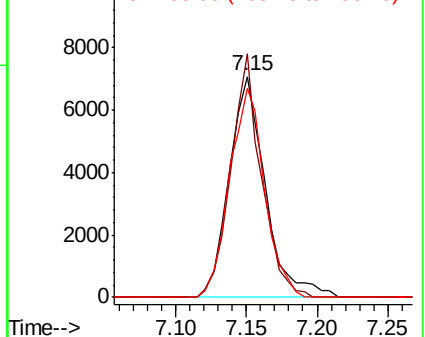
77 100

105 110.4 82.4 122.4

106 95.0 82.8 122.8



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: 50.205 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

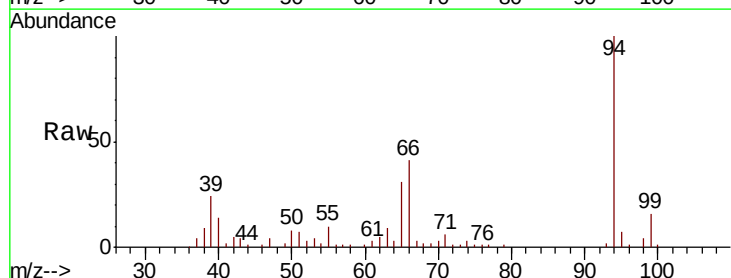
Tgt Ion: 94 Resp: 60853

Ion Ratio Lower Upper

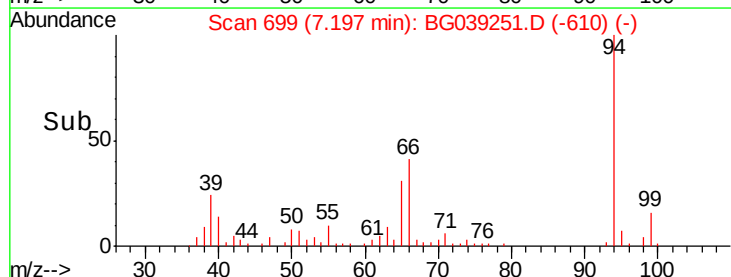
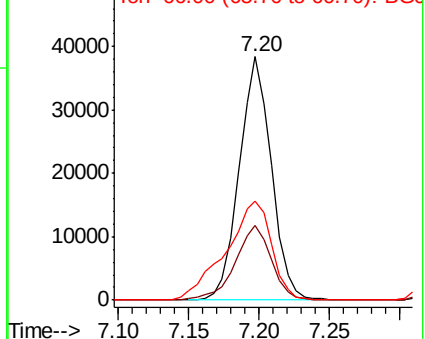
94 100

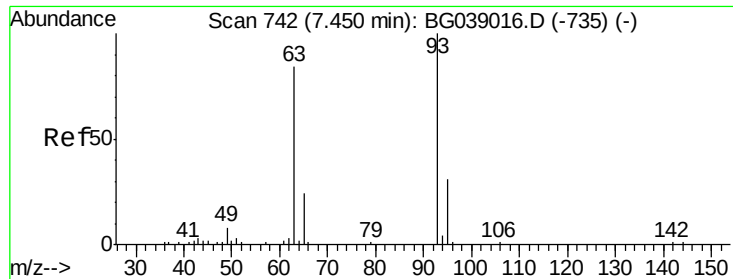
65 30.9 10.3 50.3

66 40.6 25.1 65.1



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





#11

bis(2-Chloroethyl)ether

Concen: 39.693 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

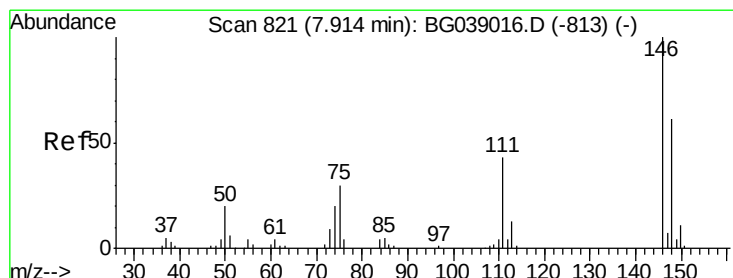
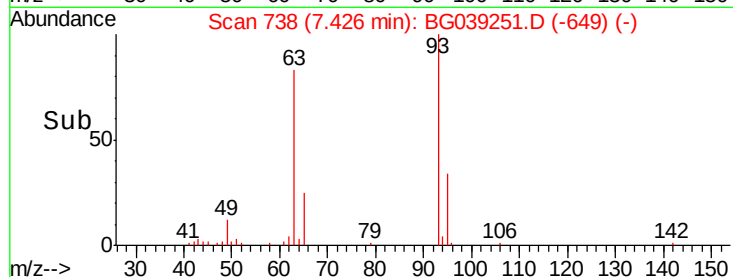
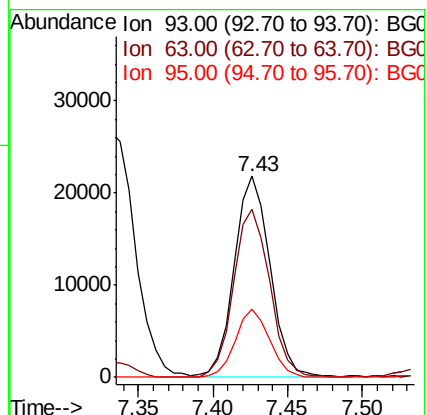
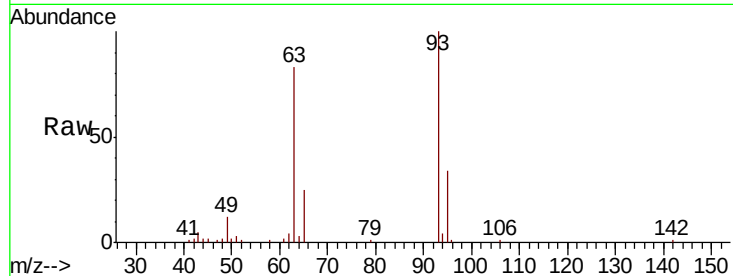
Tot Ion: 93 Resp: 36771

Ion Ratio Lower Upper

93 100

63 83.4 63.2 103.2

95 34.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 39.780 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

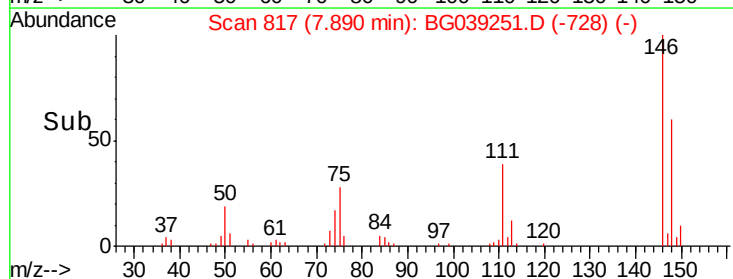
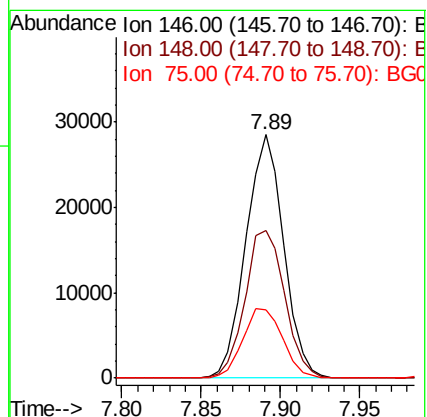
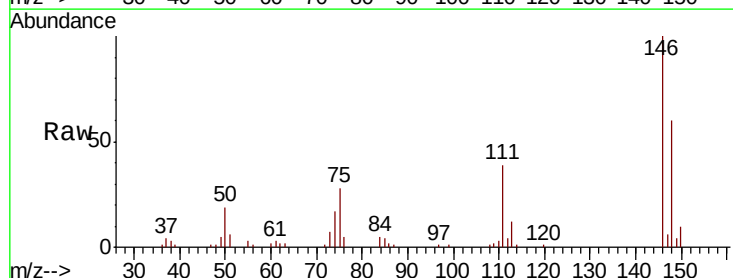
Tgt Ion: 146 Resp: 47198

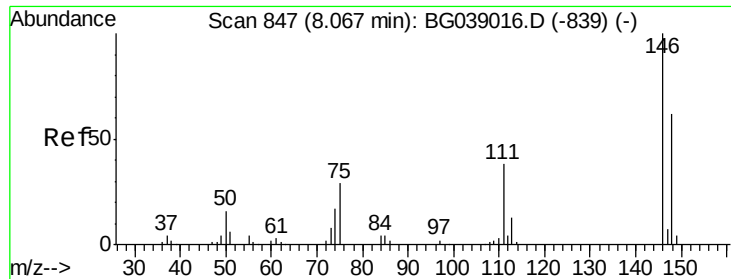
Ion Ratio Lower Upper

146 100

148 60.4 49.1 73.7

75 27.8 23.9 35.9

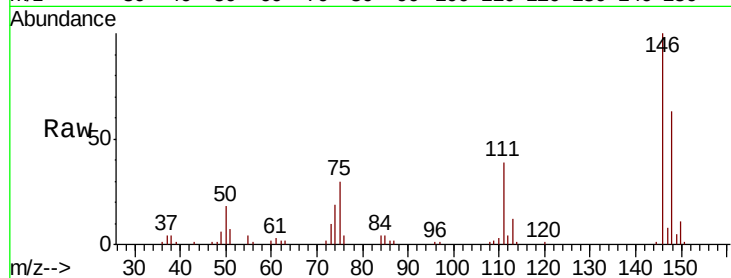




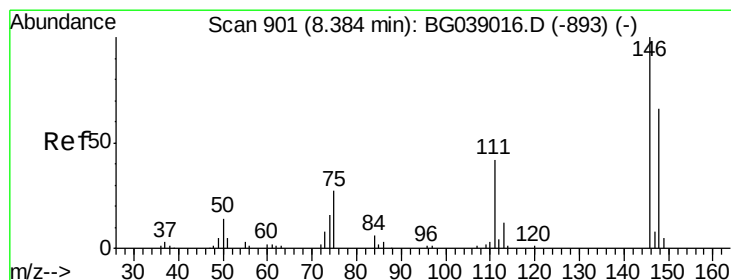
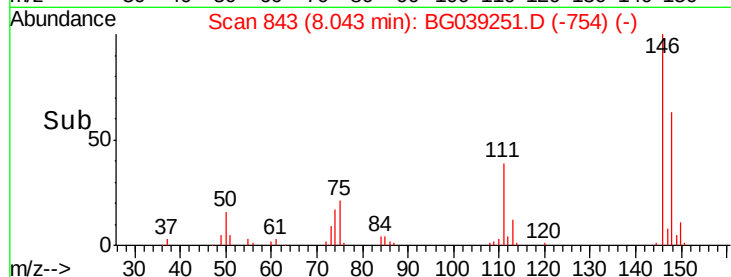
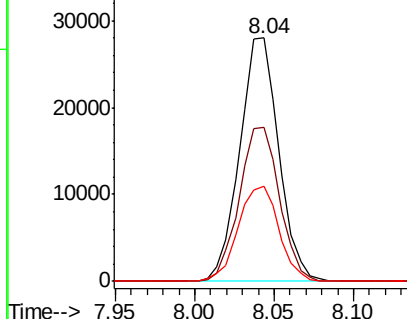
#13
 1,4-Dichlorobenzene
 Concen: 39.810 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

Tot Ion:146 Resp: 47836
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.8 74.6
 111 38.9 30.6 45.8

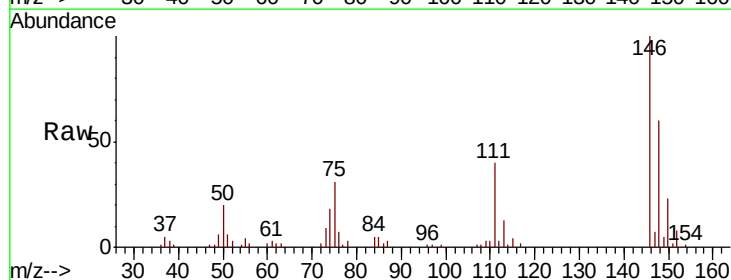


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

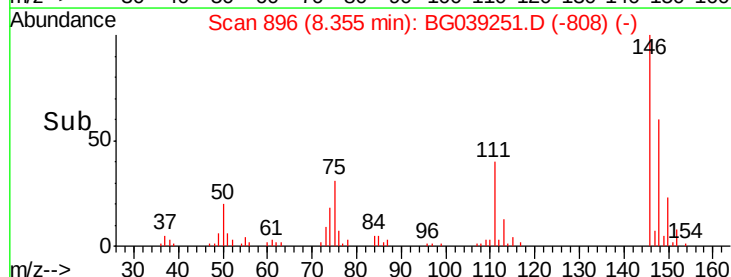
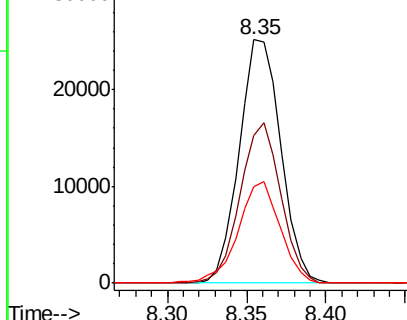


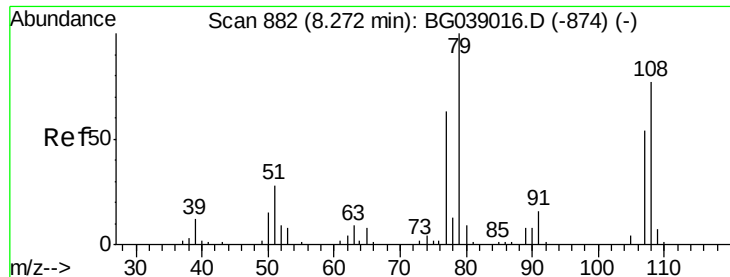
#14
 1,2-Dichlorobenzene
 Concen: 39.979 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion:146 Resp: 45804
 Ion Ratio Lower Upper
 146 100
 148 60.4 52.6 79.0
 111 39.5 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 45.925 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

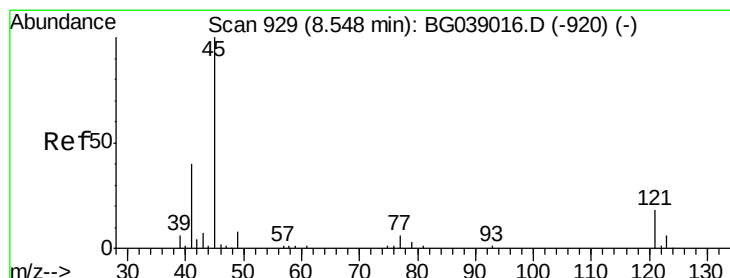
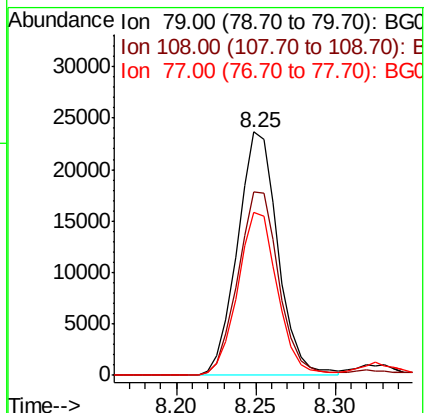
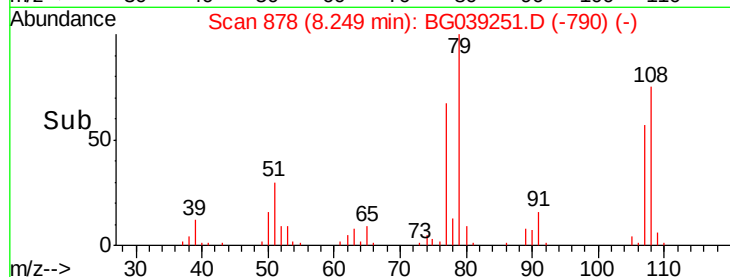
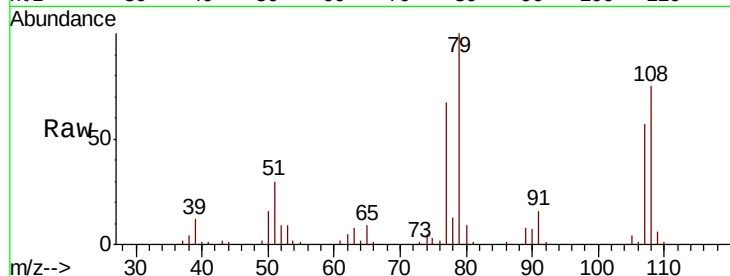
Tot Ion: 79 Resp: 41812

Ion Ratio Lower Upper

79 100

108 75.5 62.0 93.0

77 67.1 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.395 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

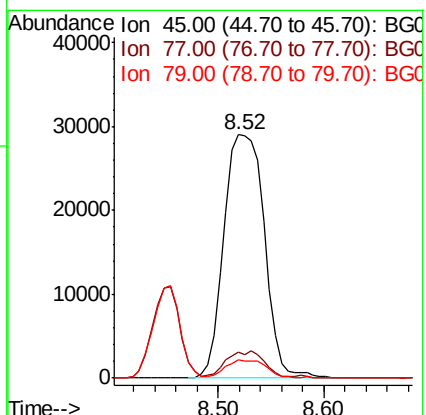
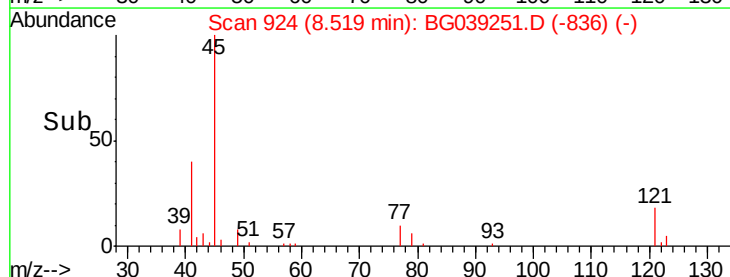
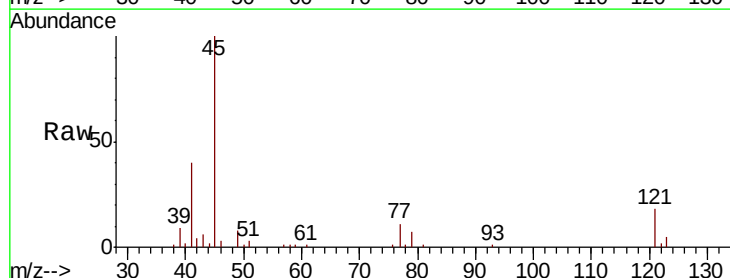
Tgt Ion: 45 Resp: 77085

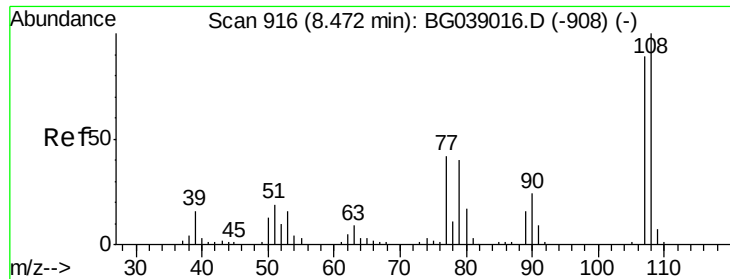
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.7

79 7.4 0.0 28.5

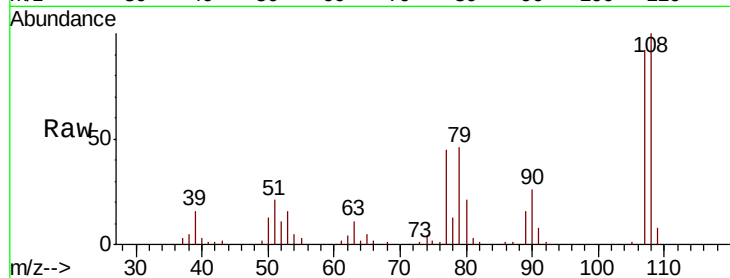




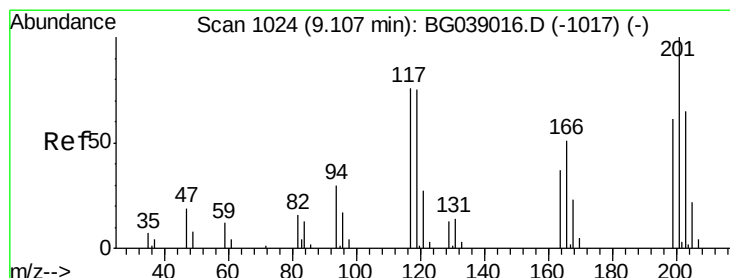
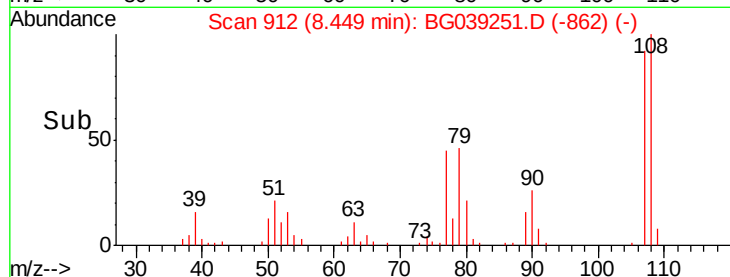
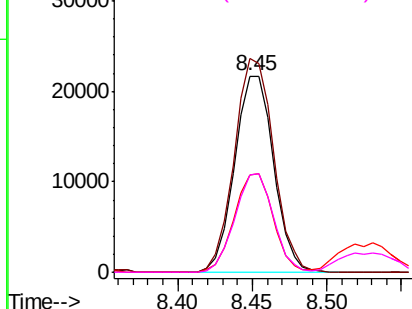
#17
2-Methylphenol
Concen: 46.902 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_G
ClientSampleId :
PB116551BS

Tot Ion:107 Resp: 39475
Ion Ratio Lower Upper
107 100
108 108.9 90.3 135.5
77 49.4 38.3 57.5
79 49.7 35.8 53.6

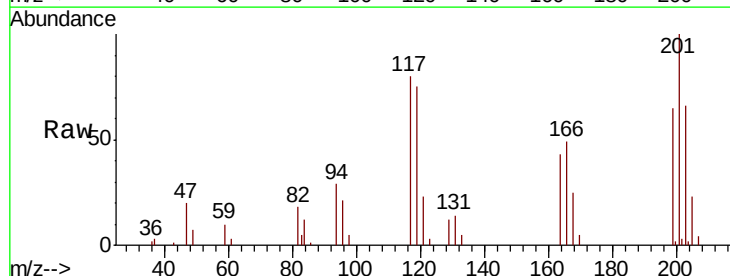


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

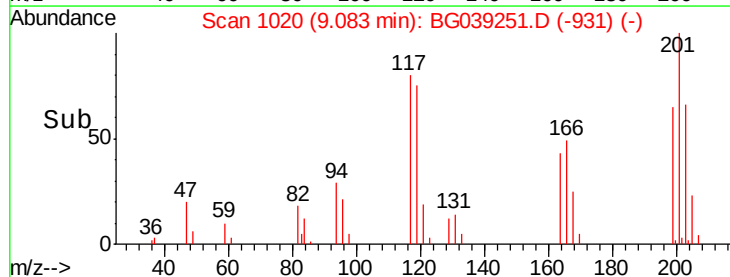
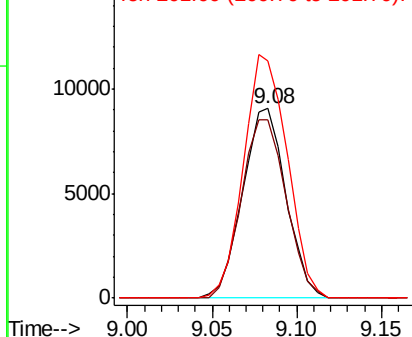


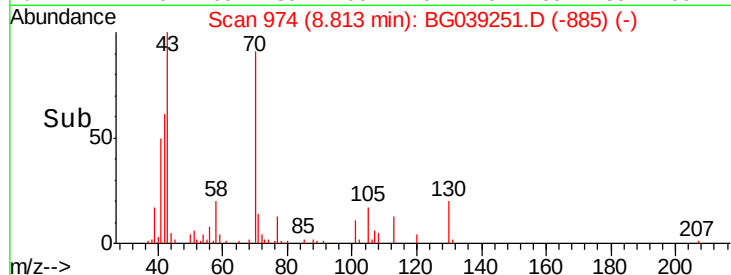
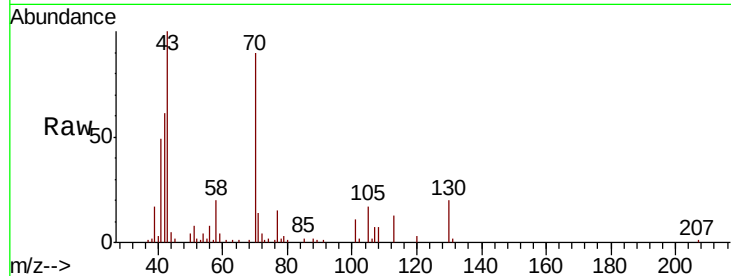
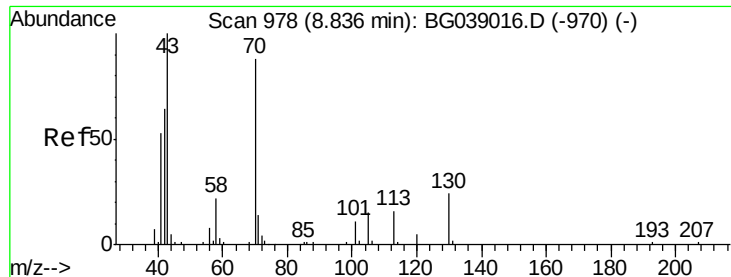
#18
Hexachloroethane
Concen: 39.706 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:117 Resp: 16209
Ion Ratio Lower Upper
117 100
119 94.1 78.7 118.1
201 125.3 108.1 162.1



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

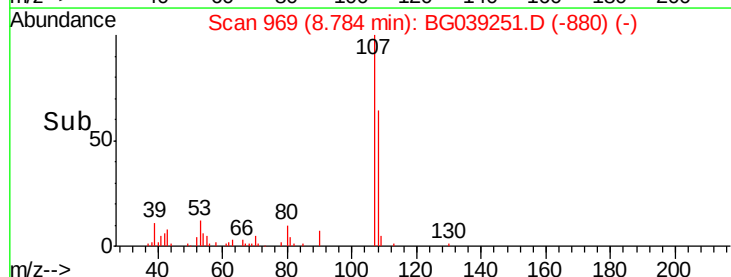
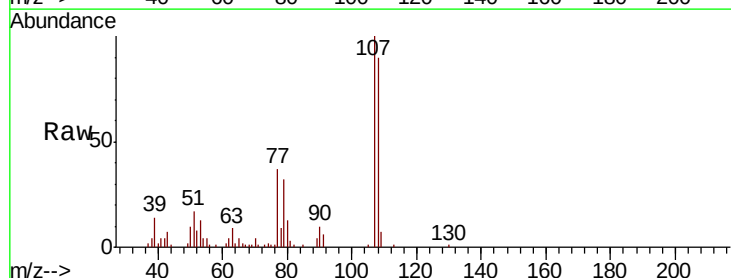
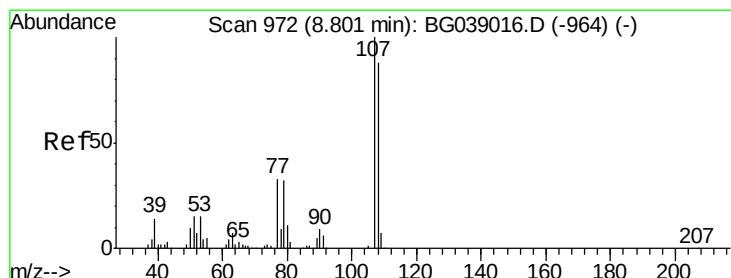
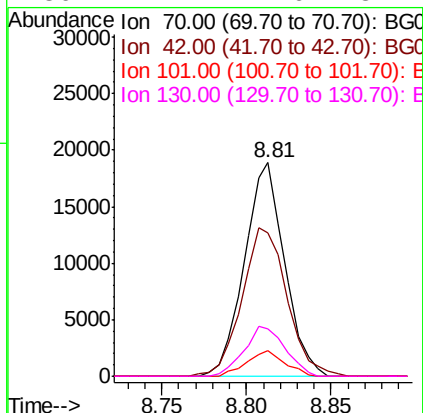




#19
n-Nitroso-di-n-propylamine
Concen: 39.113 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

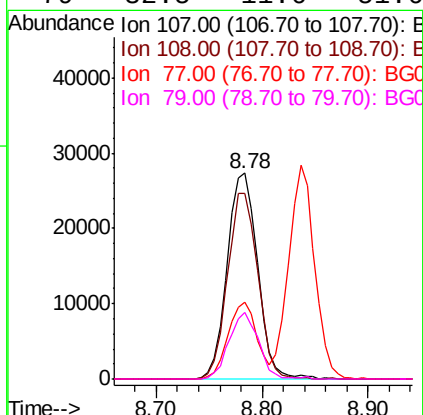
Instrument :
BNA_G
ClientSampleId :
PB116551BS

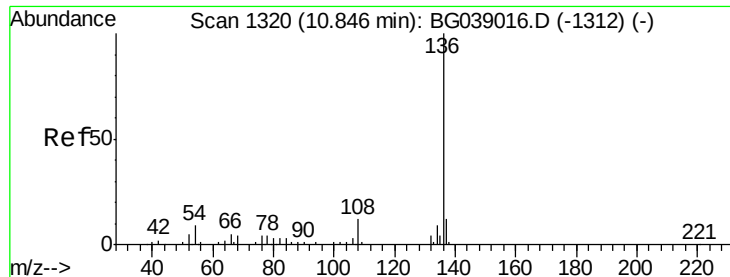
Tot Ion:	70	Resp:	31052
Ion	Ratio	Lower	Upper
70	100		
42	67.2	59.0	88.4
101	12.3	10.4	15.6
130	22.4	21.6	32.4



#20
3+4-Methylphenols
Concen: 45.153 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:	107	Resp:	54182
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.4	108.4
77	37.1	13.3	53.3
79	32.5	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

Tot Ion:136 Resp: 73711

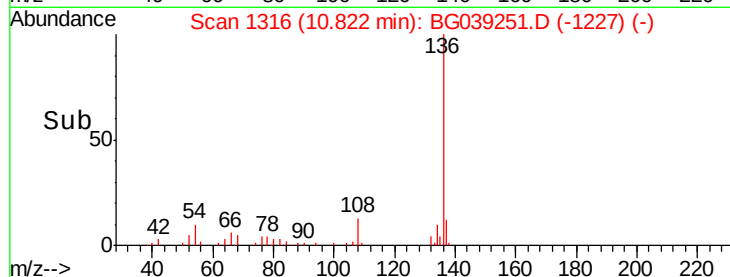
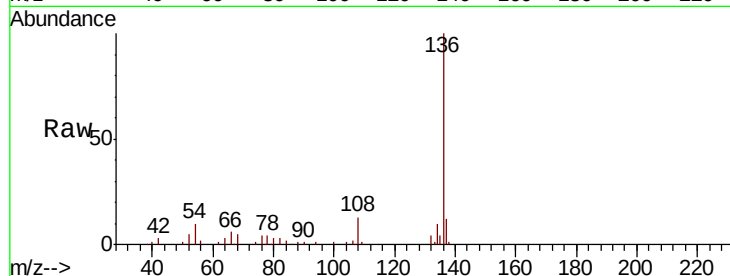
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.2

54 10.1 7.2 10.8

68 4.6 3.5 5.3

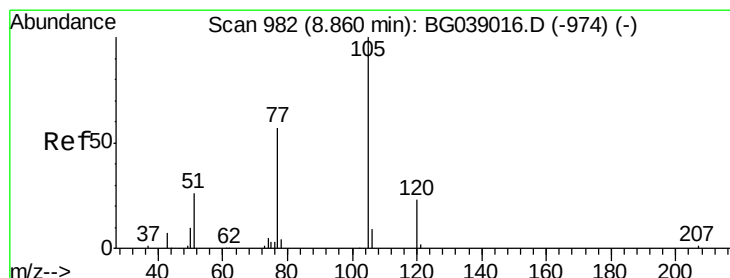
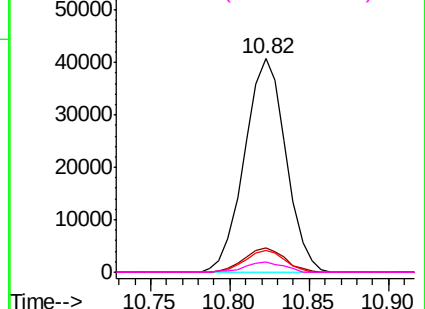


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 33.456 ng

RT: 8.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Tgt Ion:105 Resp: 64401

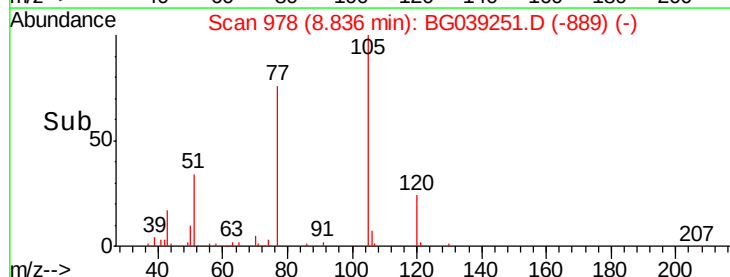
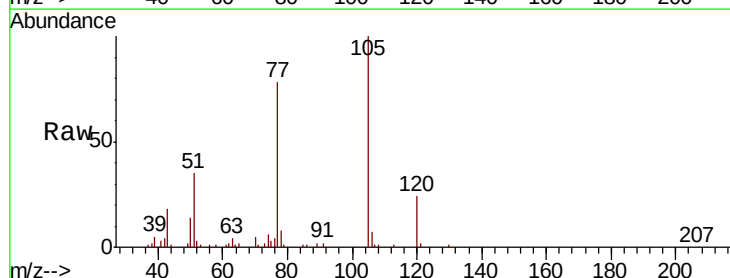
Ion Ratio Lower Upper

105 100

71 1.1 0.6 1.0#

51 34.5 26.6 39.8

120 23.6 17.9 26.9

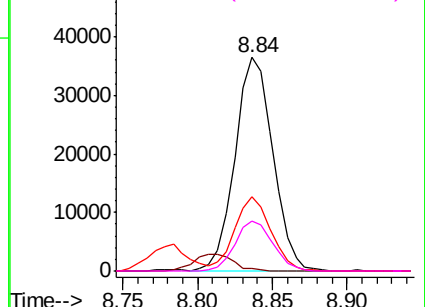


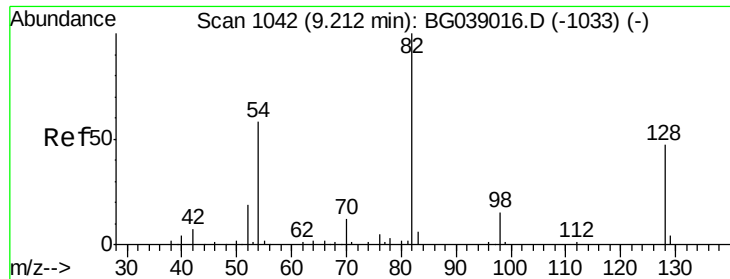
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

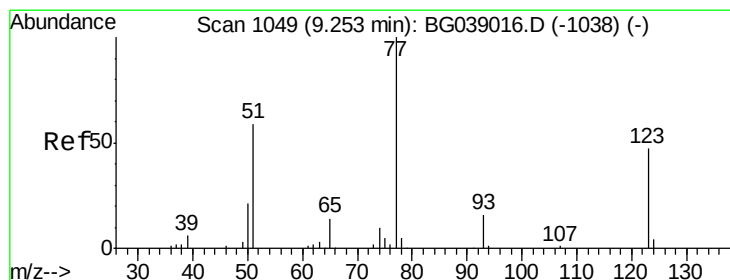
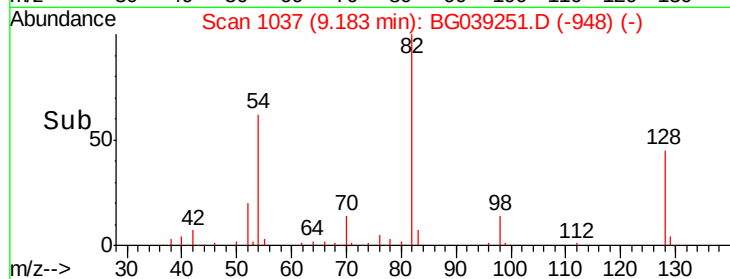
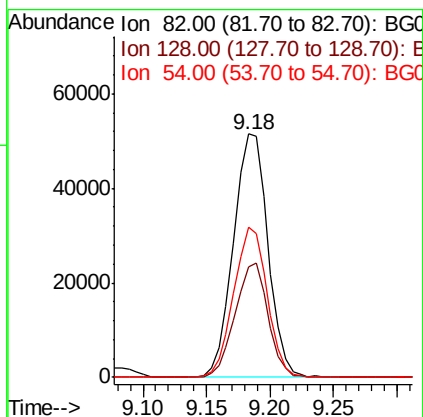
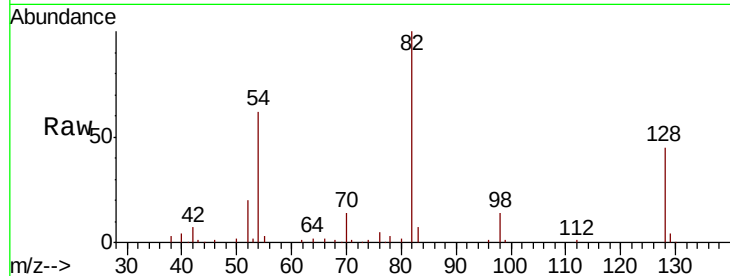




#23
 Nitrobenzene-d5
 Concen: 71.904 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

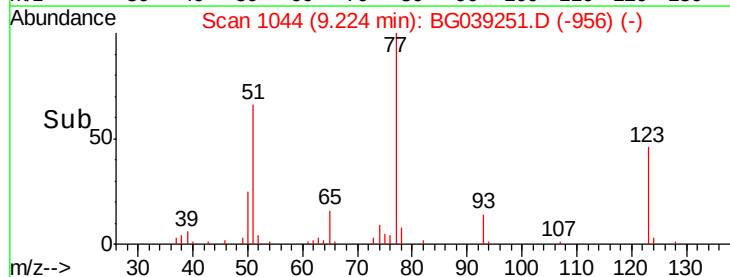
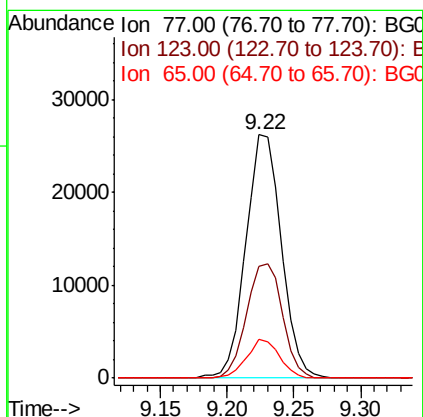
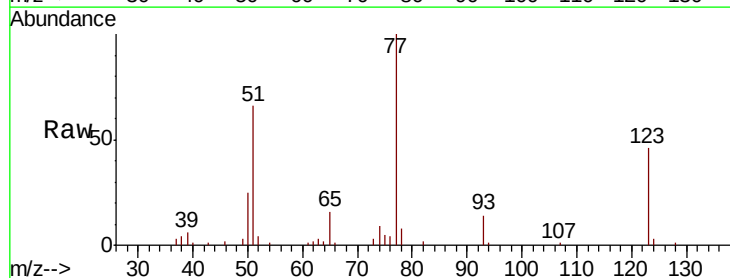
Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

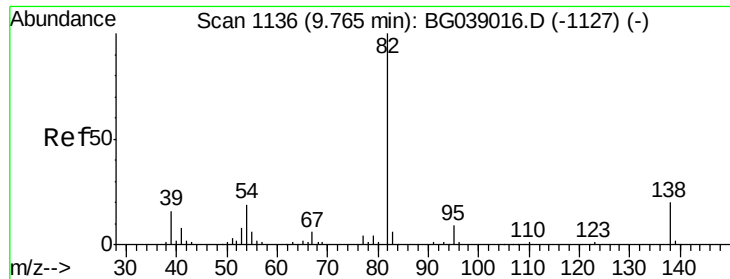
Tot Ion	82	Resp	96860
Ion Ratio	Lower	Upper	
82	100		
128	45.2	37.3	55.9
54	61.8	46.4	69.6



#24
 Nitrobenzene
 Concen: 35.256 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion	77	Resp	48004
Ion Ratio	Lower	Upper	
77	100		
123	46.1	37.6	56.4
65	15.8	11.0	16.6





#25

Isophorone

Concen: 41.749 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

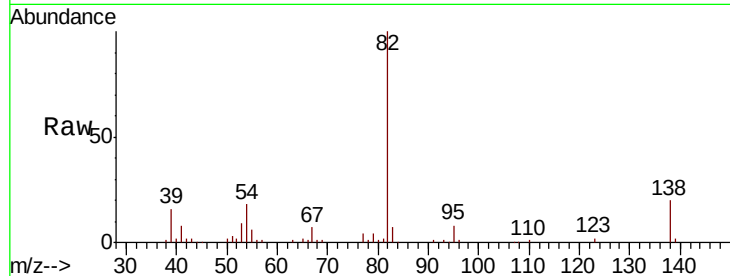
Tot Ion: 82 Resp: 96874

Ion Ratio Lower Upper

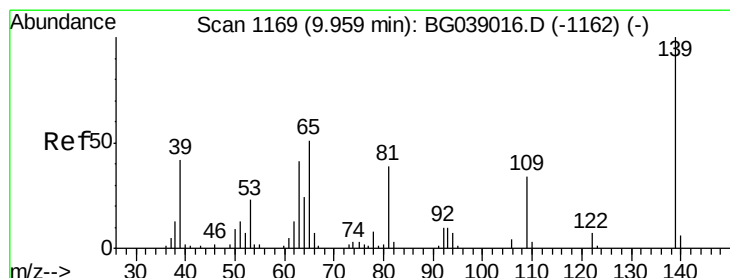
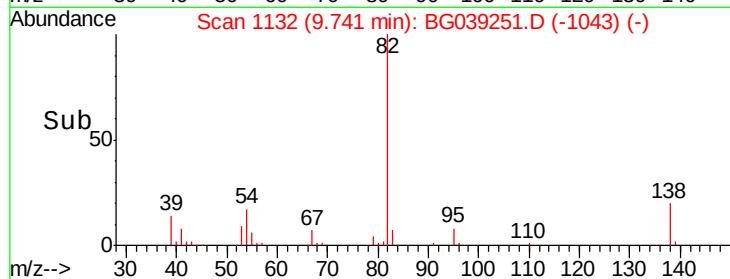
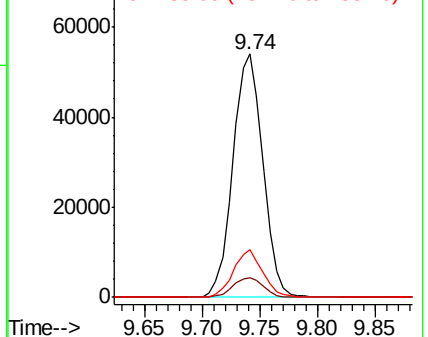
82 100

95 8.3 7.0 10.6

138 19.6 16.2 24.4



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



#26

2-Nitrophenol

Concen: 39.552 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

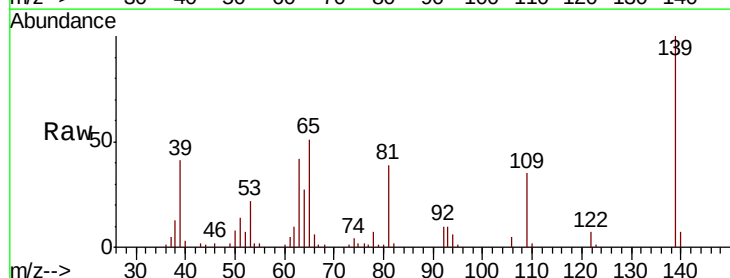
Tgt Ion: 139 Resp: 29129

Ion Ratio Lower Upper

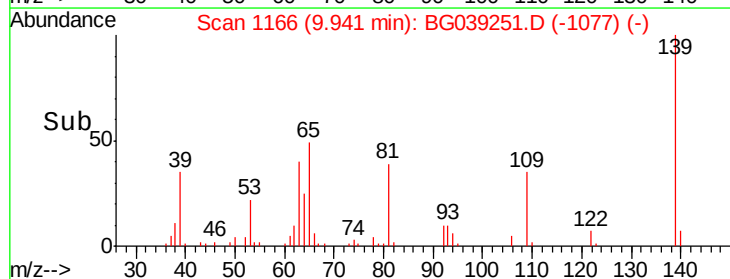
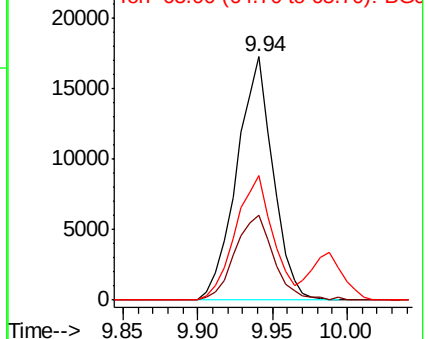
139 100

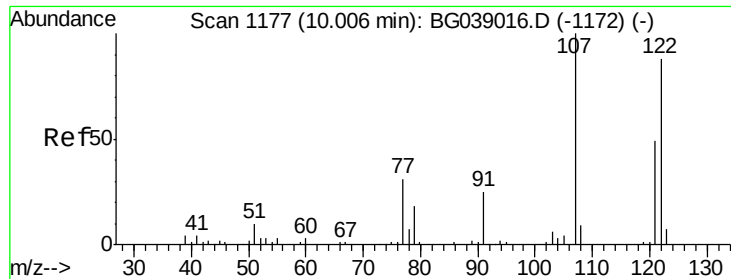
109 34.8 27.3 40.9

65 51.0 40.6 61.0



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

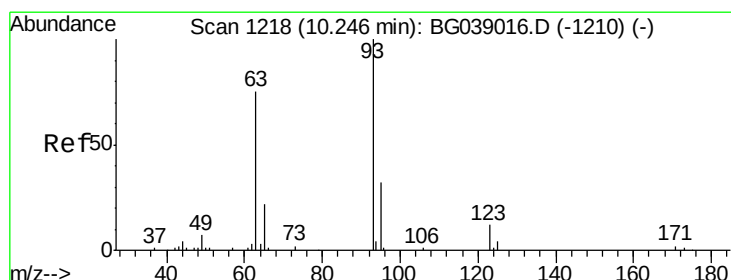
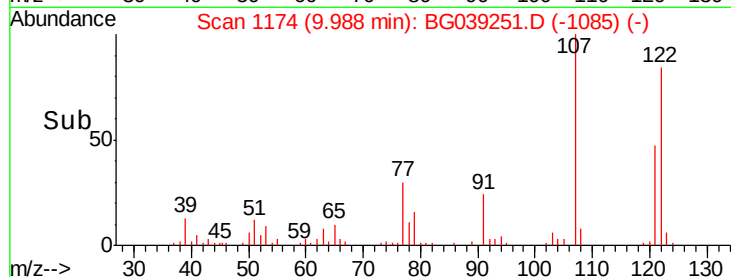
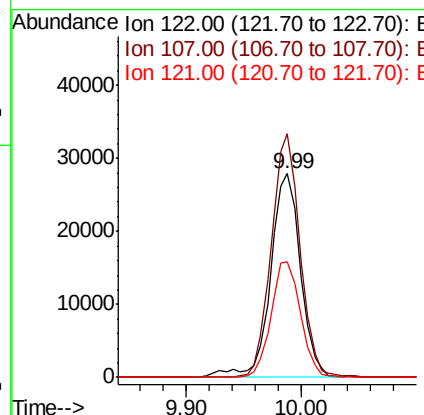
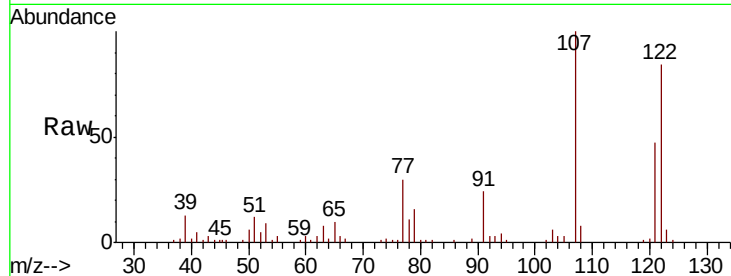




#27
2,4-Dimethylphenol
Concen: 48.709 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

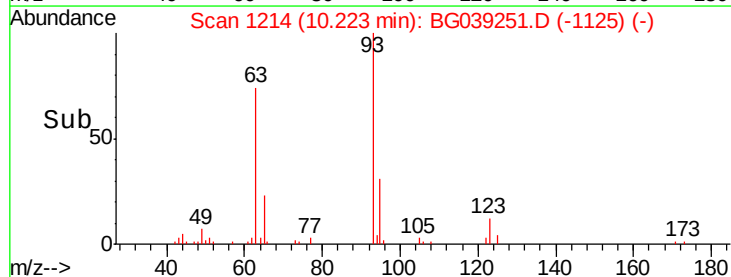
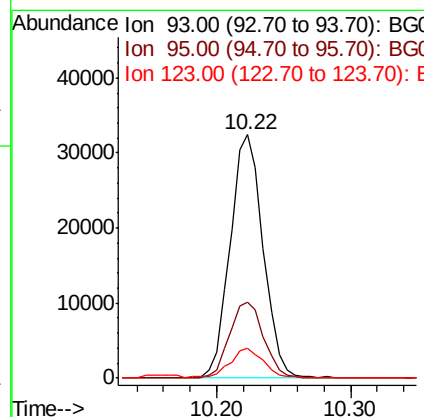
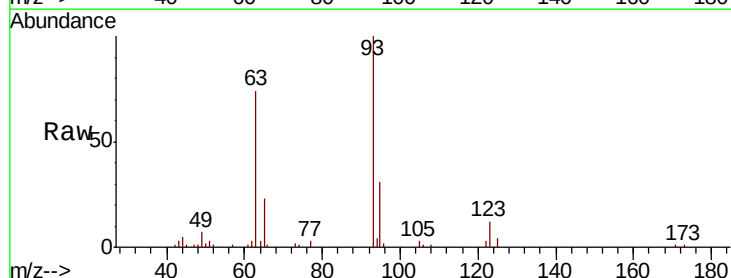
Instrument :
BNA_G
ClientSampleId :
PB116551BS

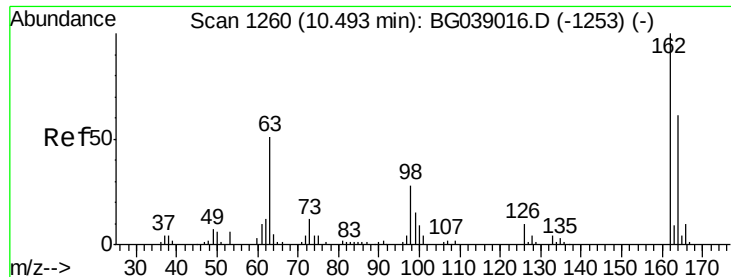
Tot Ion:122 Resp: 50468
Ion Ratio Lower Upper
122 100
107 119.4 88.8 133.2
121 56.5 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.004 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion: 93 Resp: 55788
Ion Ratio Lower Upper
93 100
95 31.4 25.6 38.4
123 12.1 10.1 15.1

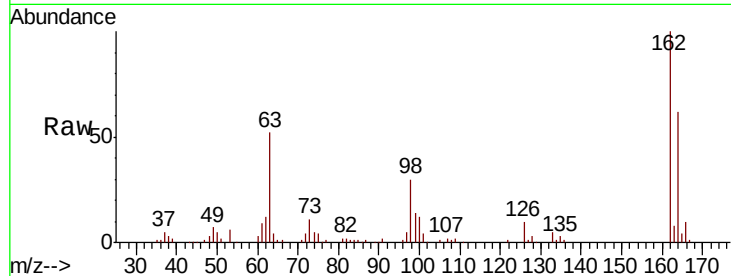




#29
 2,4-Dichlorophenol
 Concen: 54.596 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	41.3	81.3
98	30.4	8.3	48.3

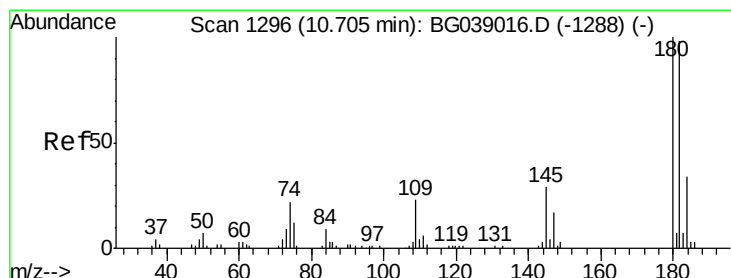
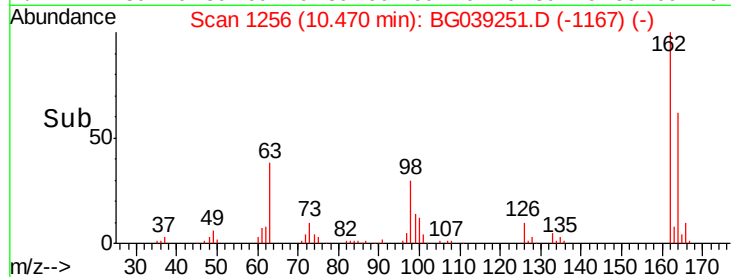
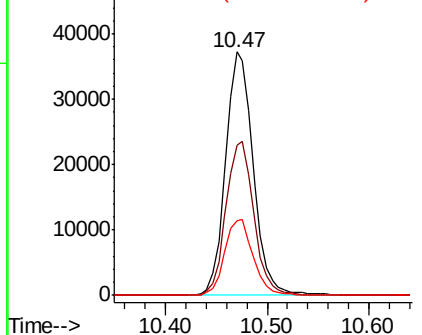


Abundance

Ion 162.00 (161.70 to 162.70): E

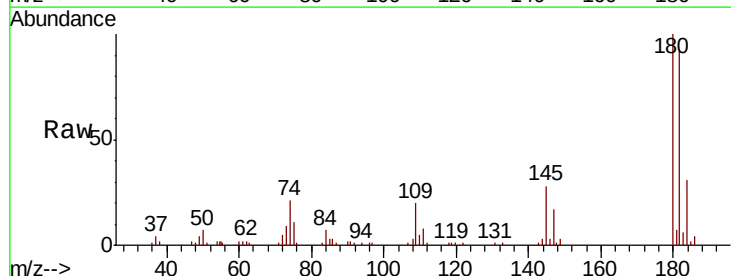
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 42.111 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	78.1	117.1
145	27.6	23.1	34.7

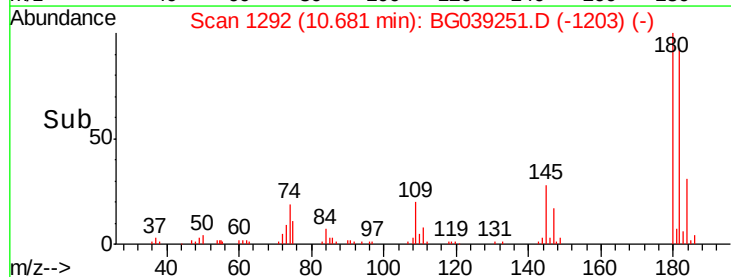
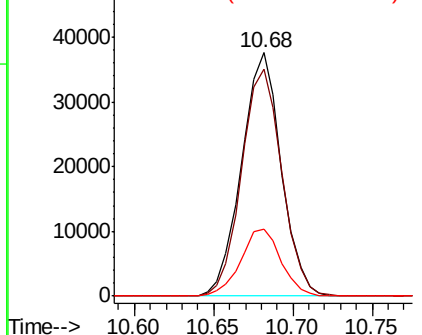


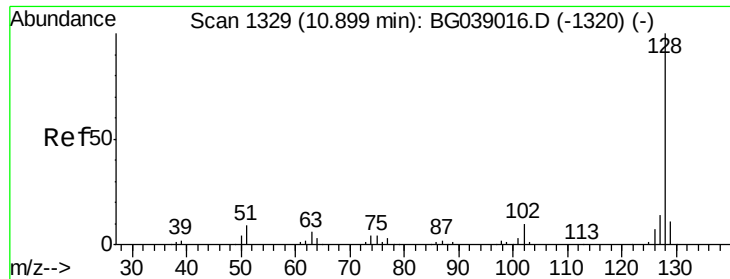
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

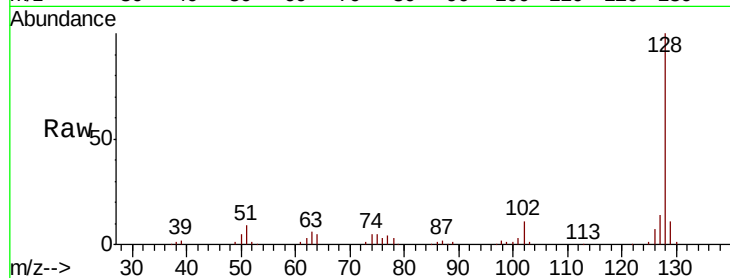




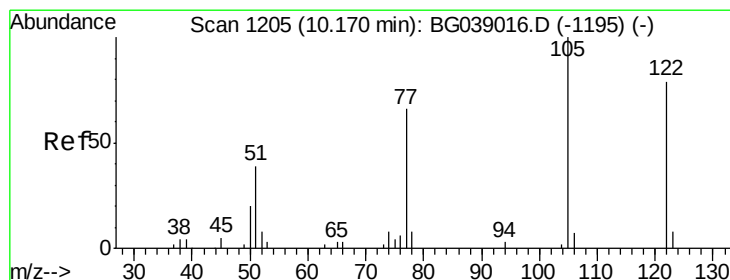
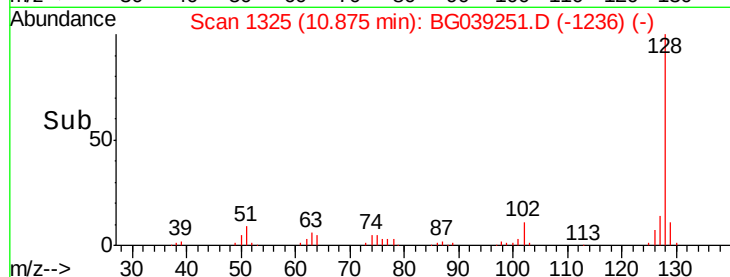
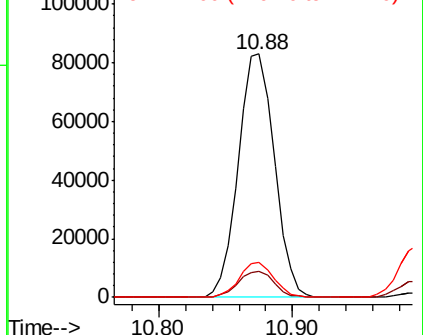
#31
Naphthalene
Concen: 42.033 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_G
ClientSampleId :
PB116551BS

Tot Ion:128 Resp: 155394
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 14.3 11.2 16.8

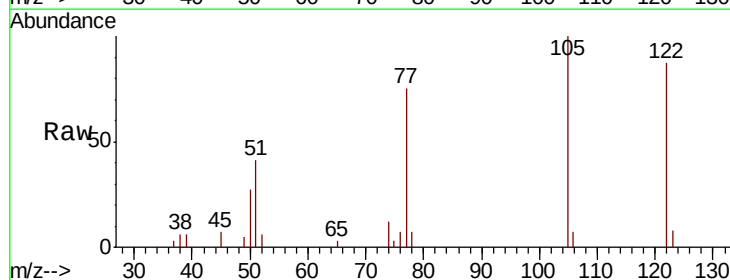


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

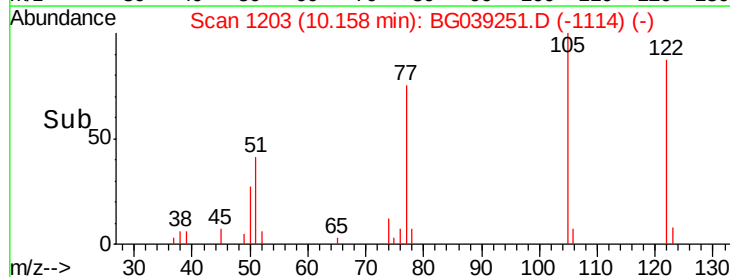
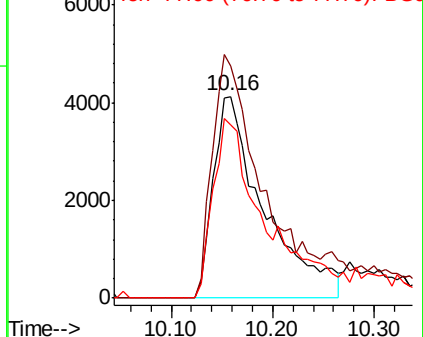


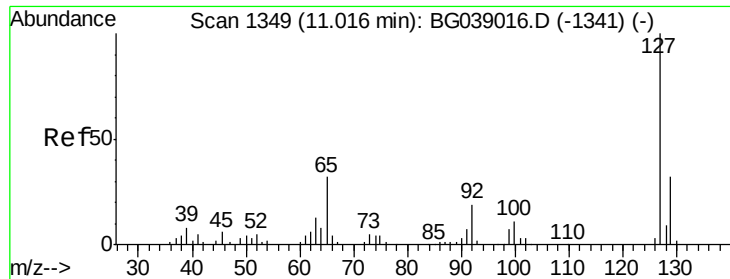
#32
Benzoic acid
Concen: 27.474 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:122 Resp: 14302
Ion Ratio Lower Upper
122 100
105 114.9 106.4 146.4
77 86.2 63.6 103.6



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

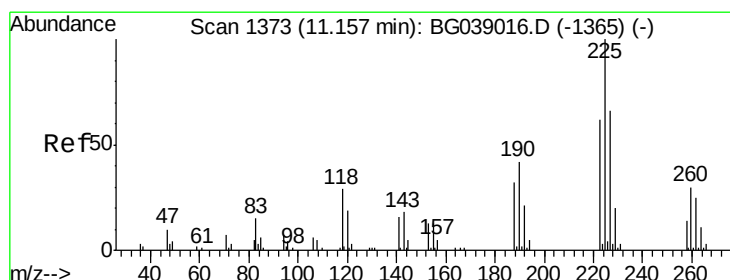
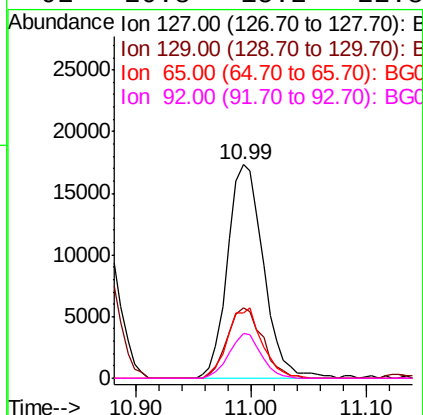
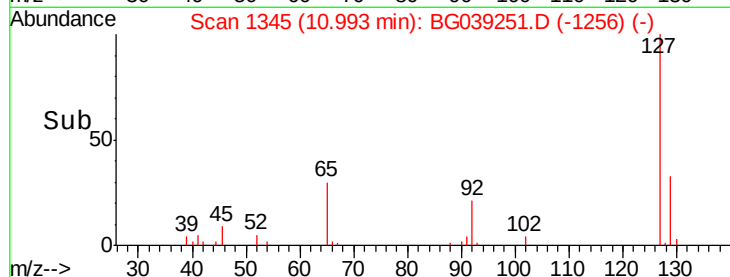
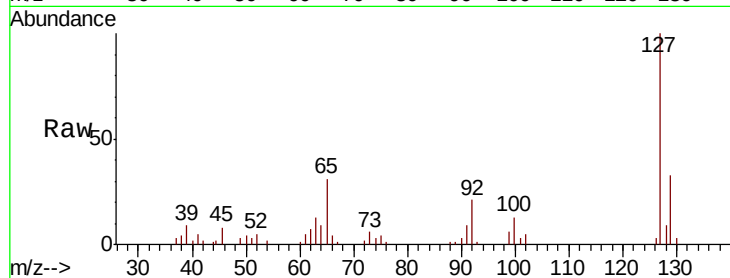




#33
4-Chloroaniline
Concen: 22.593 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

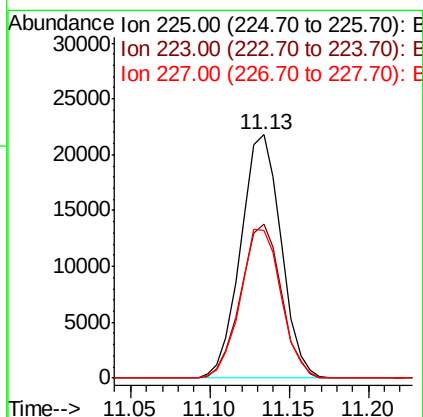
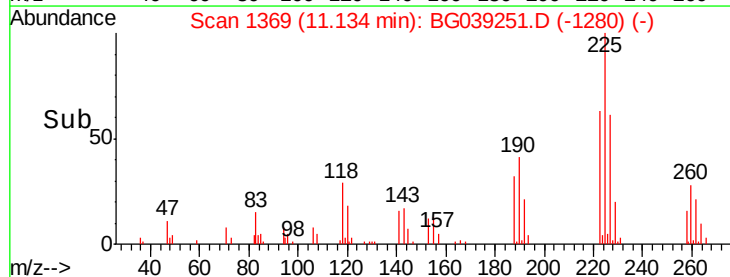
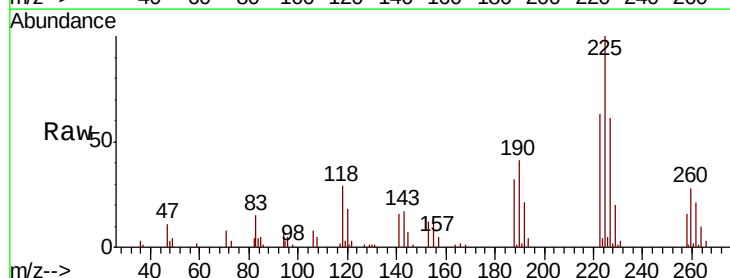
Instrument :
BNA_G
ClientSampleId :
PB116551BS

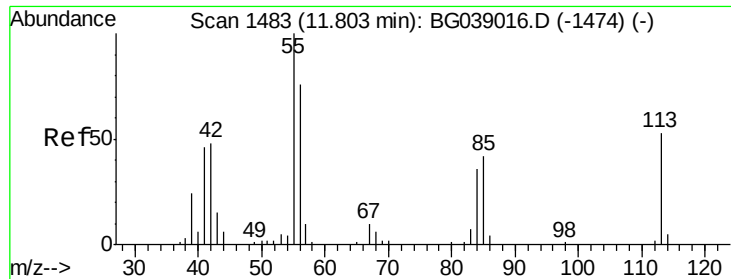
Tot Ion:127	Resp:	37374	
Ion Ratio	Lower	Upper	
127 100			
129 32.8	25.4	38.0	
65 30.6	25.4	38.0	
92 20.8	15.2	22.8	



#34
Hexachlorobutadiene
Concen: 36.191 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:225	Resp: 38514
Ion Ratio	Lower Upper
225 100	
223 63.2	50.2 75.4
227 60.9	53.2 79.8

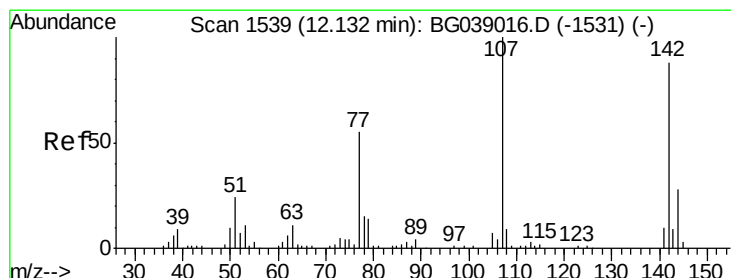
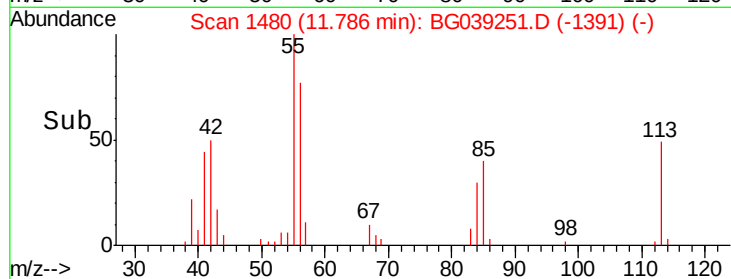
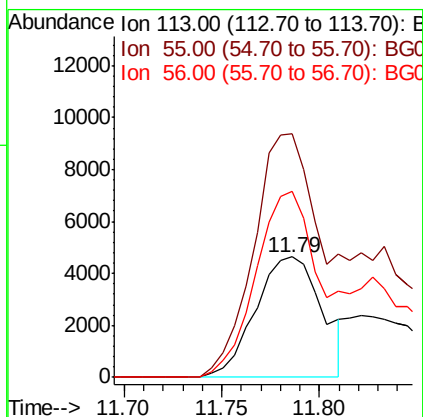
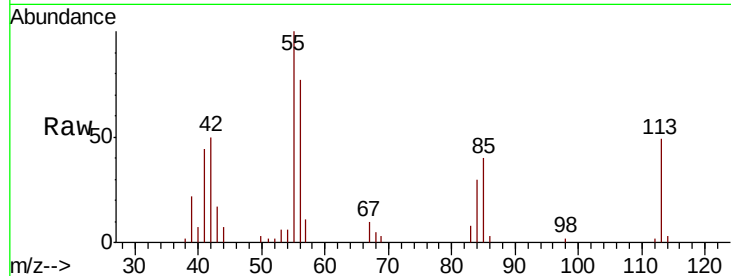




#35
 Caprolactam
 Concen: 21.160 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

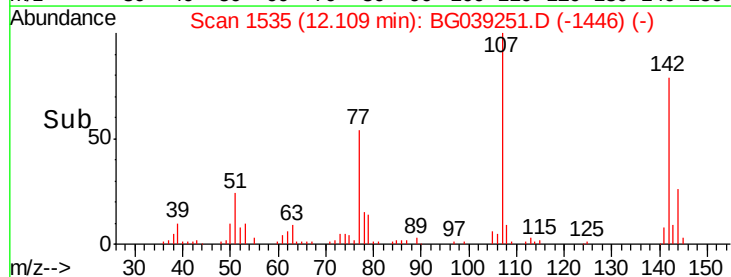
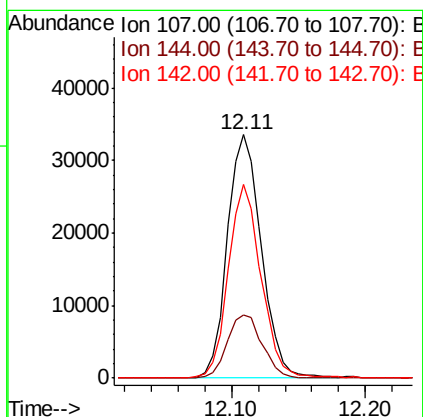
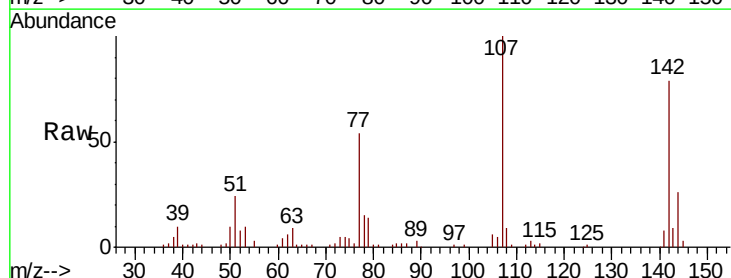
Instrument :
 BNA_G
 ClientSampleID :
 PB116551BS

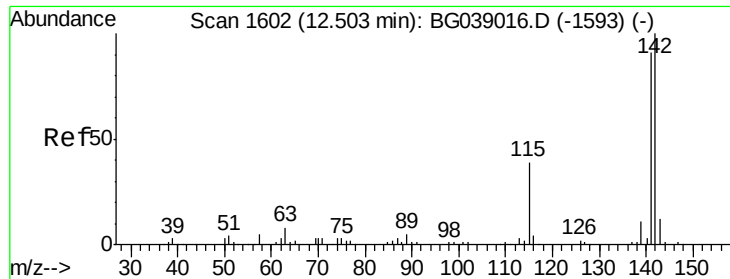
Tot Ion:113 Resp: 10922
 Ion Ratio Lower Upper
 113 100
 55 202.1 168.6 208.6
 56 154.9 123.2 163.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.278 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion:107 Resp: 59583
 Ion Ratio Lower Upper
 107 100
 144 26.1 22.6 34.0
 142 79.3 70.2 105.4

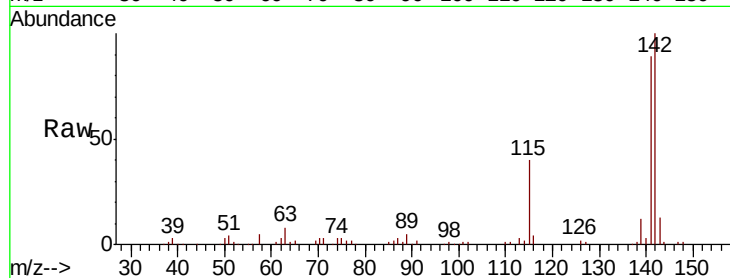




#37
2-Methylnaphthalene
Concen: 40.018 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_G
ClientSampleId :
PB116551BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	109.0
115	39.7	31.1	46.7

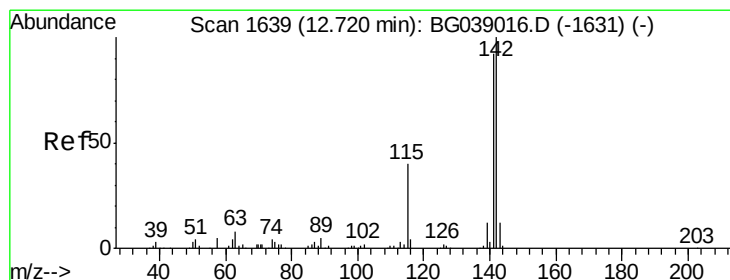
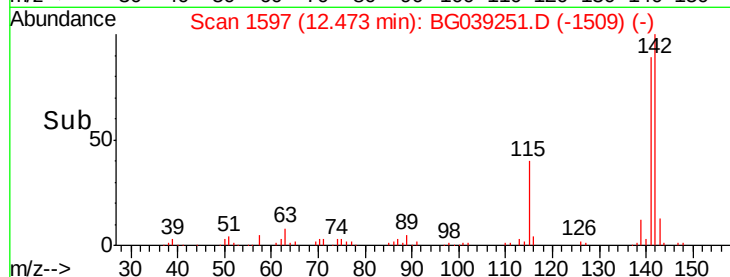
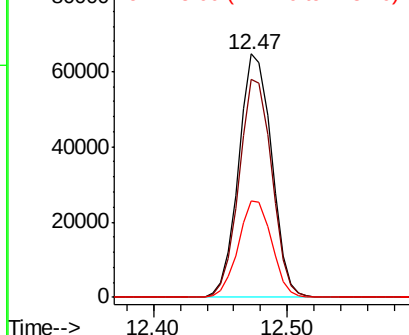


Abundance

Ion 142.00 (141.70 to 142.70): E

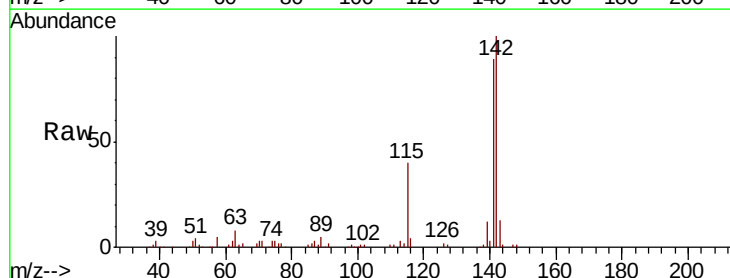
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.692 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.23 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.3	109.9
116	3.7	3.1	4.7

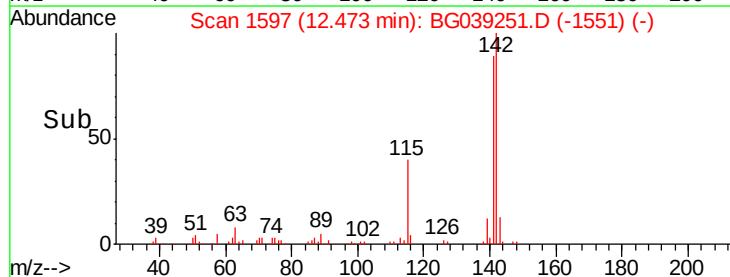
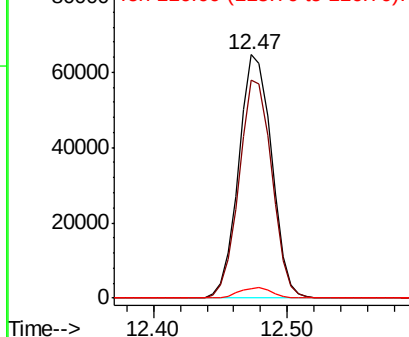


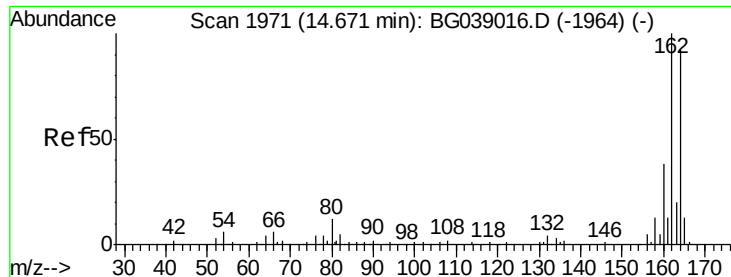
Abundance

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: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

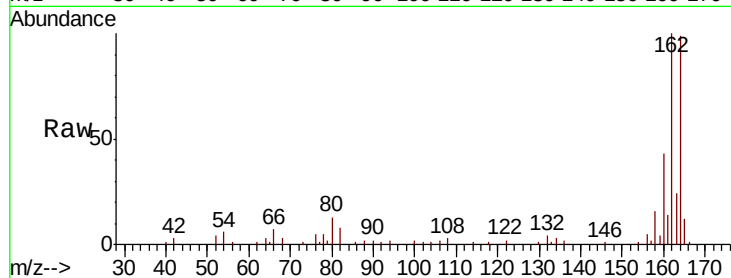
Tot Ion:164 Resp: 48261

Ion Ratio Lower Upper

164 100

162 100.9 87.2 130.8

160 43.4 33.3 49.9

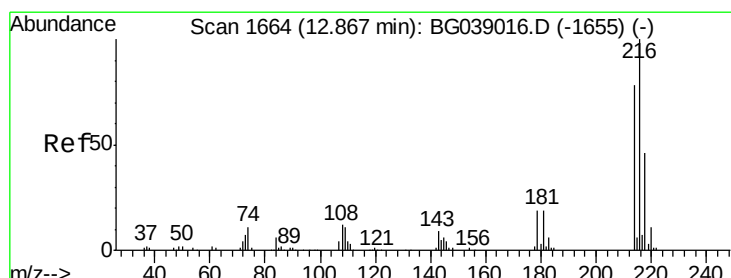
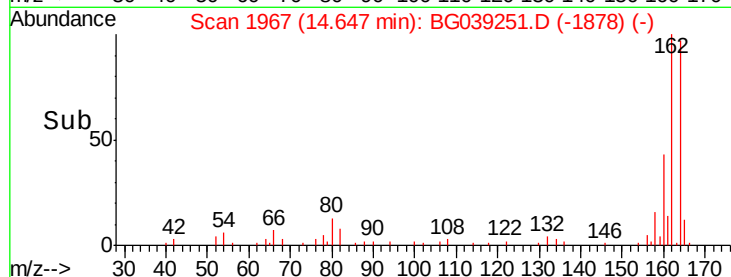
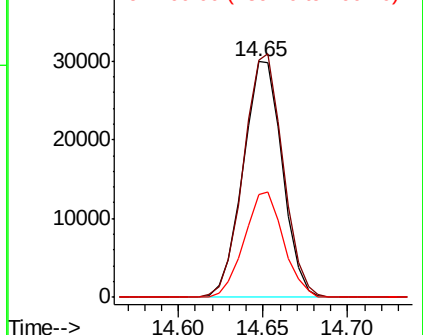


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.698 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Tgt Ion:216 Resp: 70140

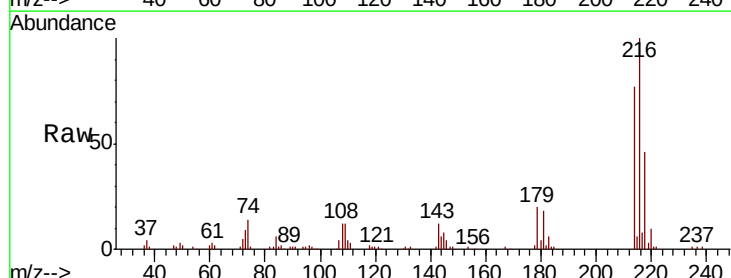
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 19.8 15.5 23.3

108 15.6 11.4 17.2



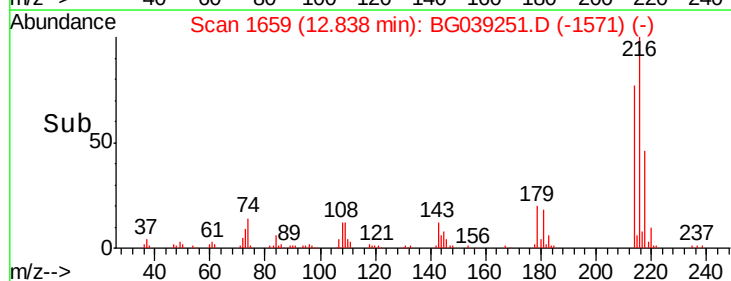
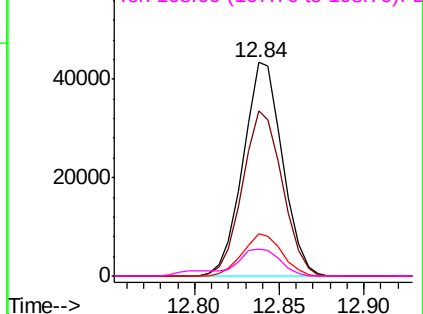
Abundance

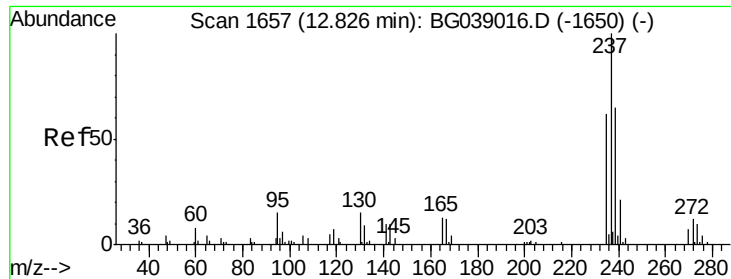
Ion 216.00 (215.70 to 216.70): E

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: 71.517 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

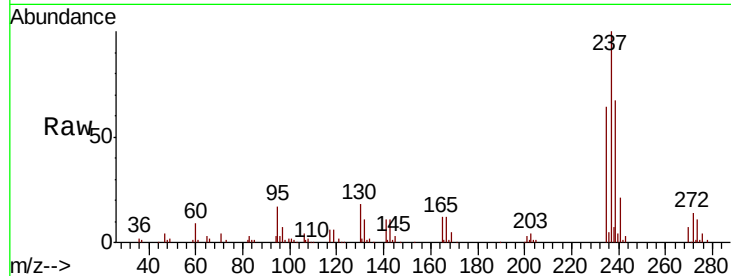
Tot Ion:237 Resp: 72336

Ion Ratio Lower Upper

237 100

235 64.0 41.7 81.7

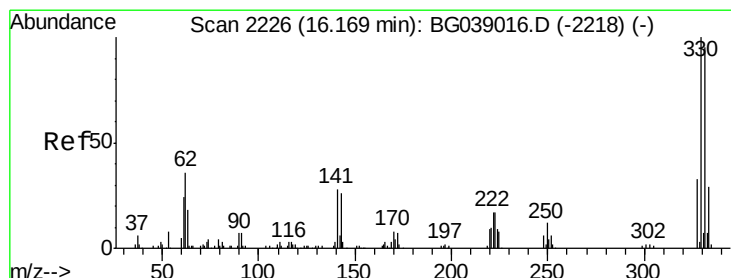
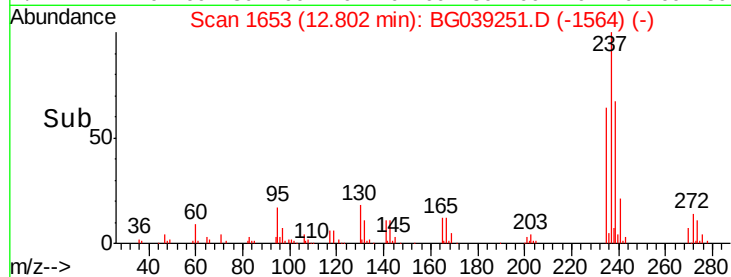
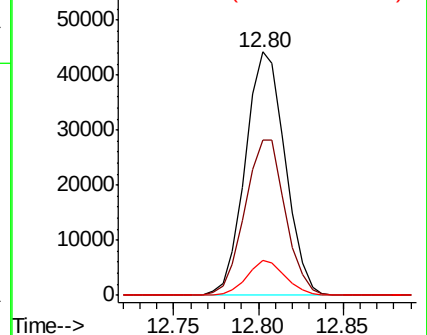
272 14.2 0.0 32.1



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: 130.218 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

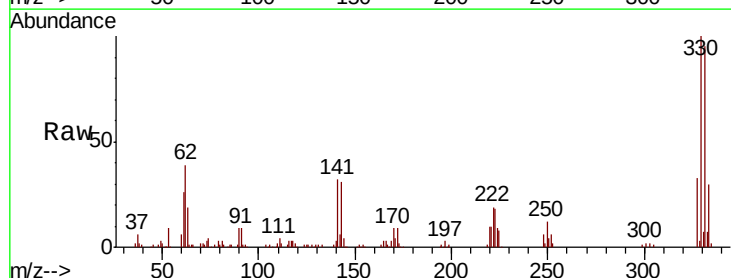
Tgt Ion:330 Resp: 105345

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

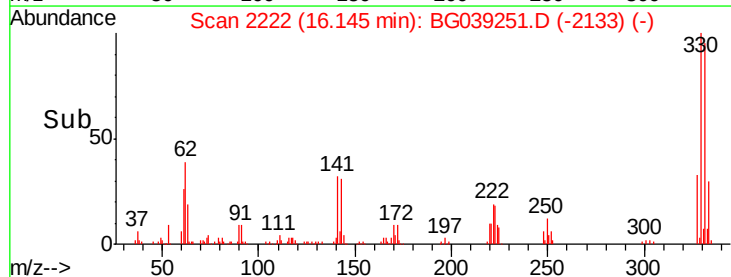
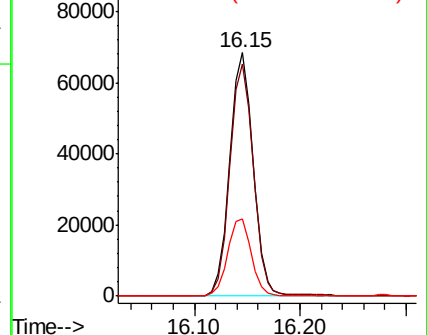
141 31.8 24.9 37.3

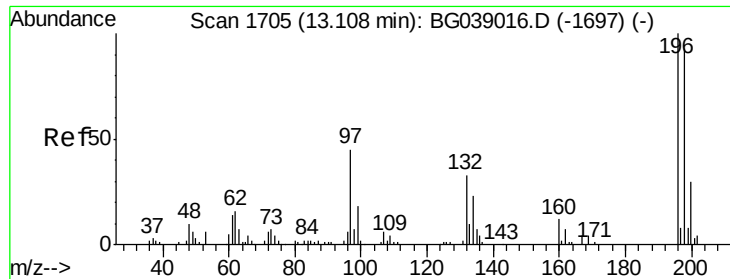


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

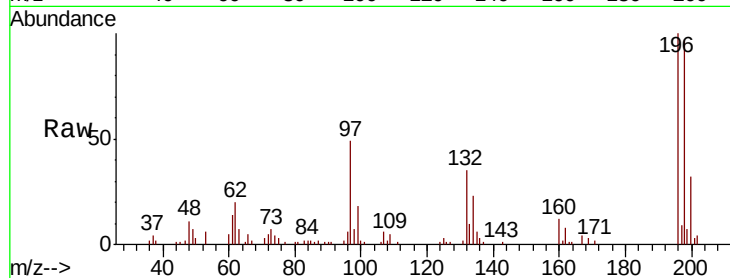




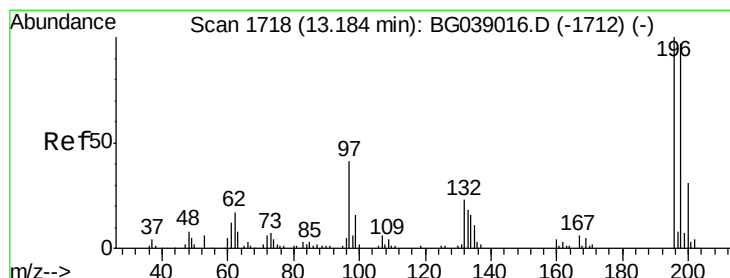
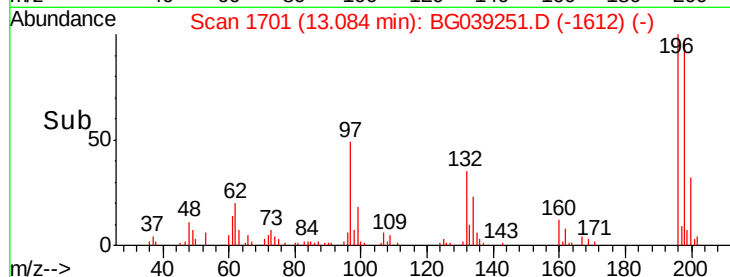
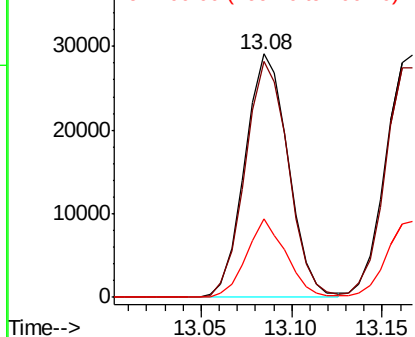
#43
 2,4,6-Trichlorophenol
 Concen: 42.458 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_G
 ClientSampleID :
 PB116551BS

Tot Ion:196 Resp: 48433
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.5 111.7
 200 32.1 23.8 35.6

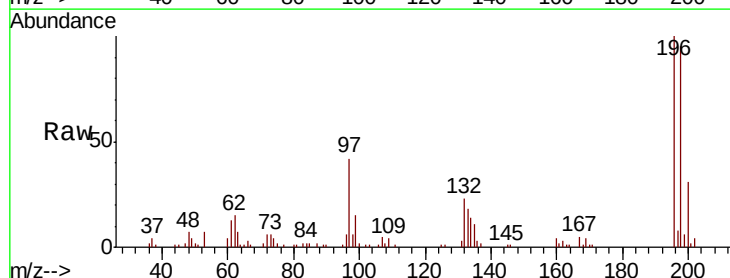


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

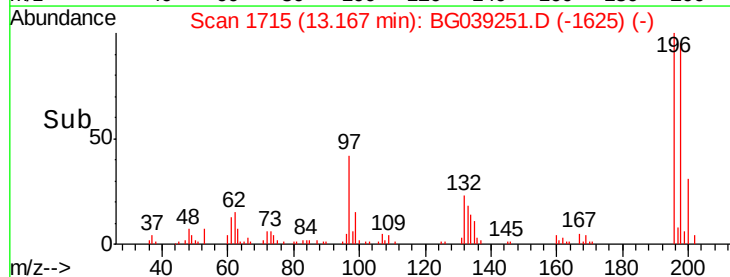
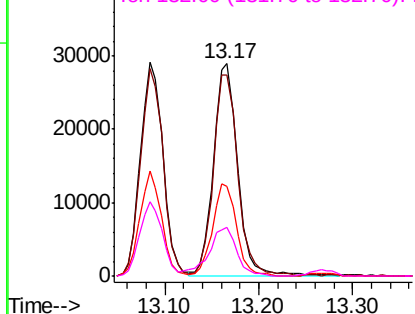


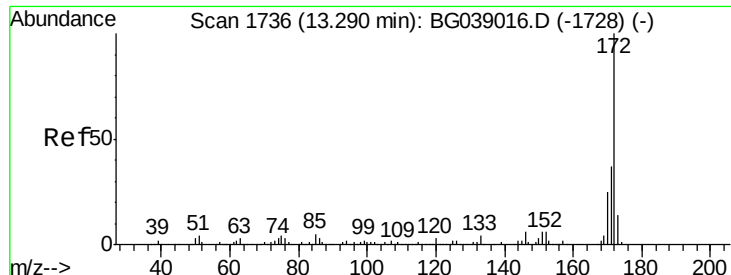
#44
 2,4,5-Trichlorophenol
 Concen: 43.506 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion:196 Resp: 52453
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.1 117.1
 97 42.5 33.2 49.8
 132 23.1 18.2 27.4



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

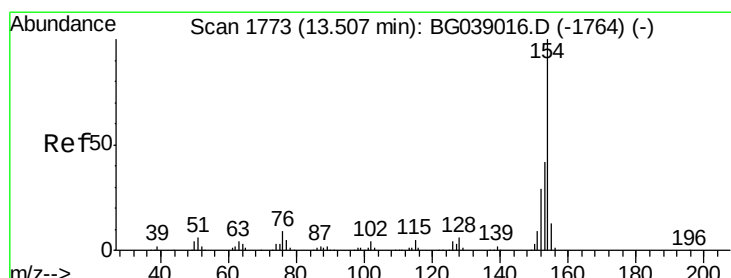
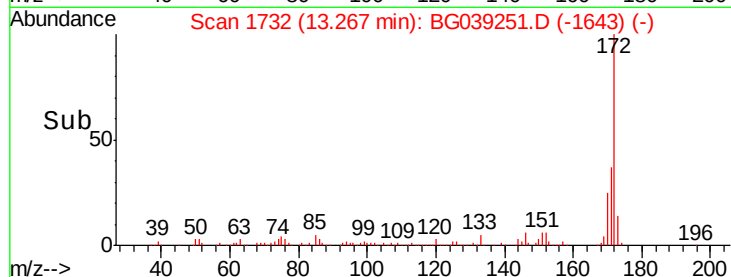
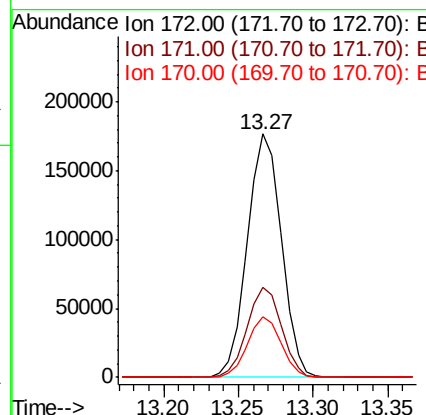
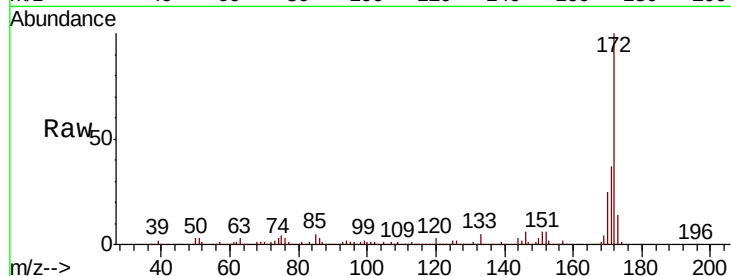




#45
2-Fluorobiphenyl
Concen: 78.946 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

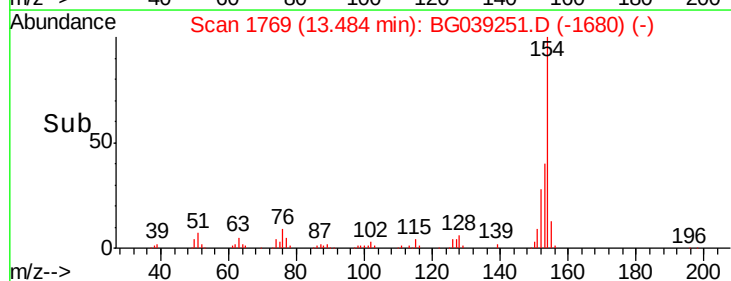
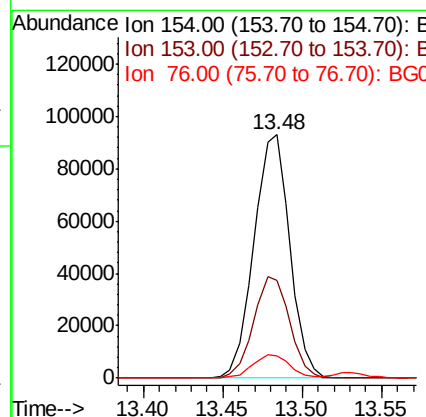
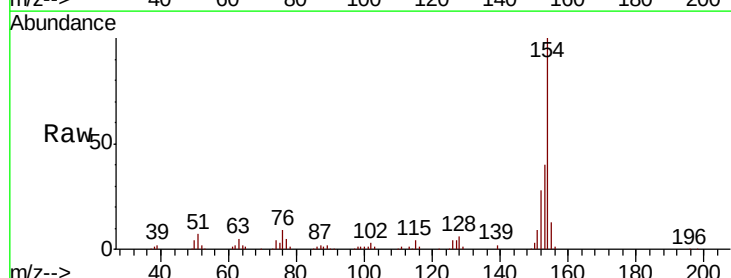
Instrument :
BNA_G
ClientSampleId :
PB116551BS

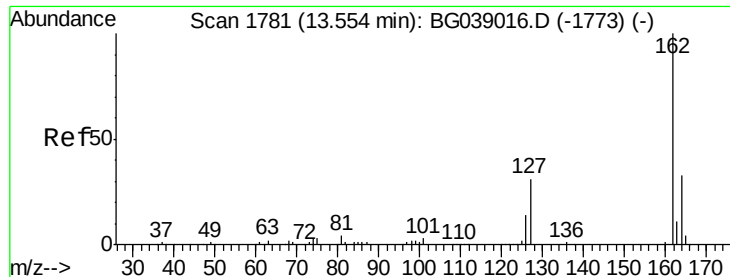
Tot Ion:172 Resp: 278396
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 24.9 20.1 30.1



#46
1,1'-Biphenyl
Concen: 38.252 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:154 Resp: 146279
Ion Ratio Lower Upper
154 100
153 40.3 22.4 62.4
76 9.1 0.0 29.4

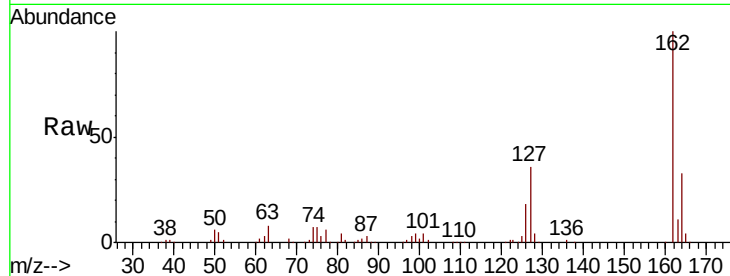




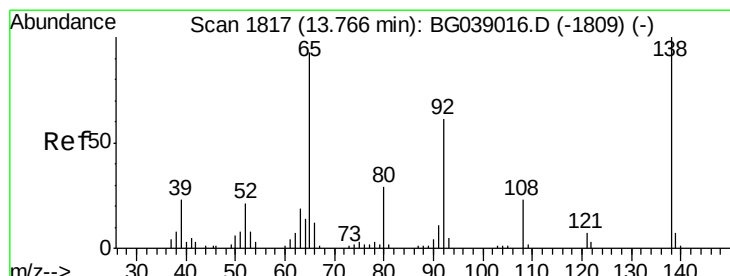
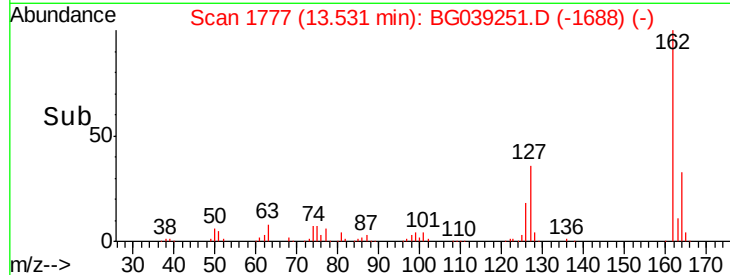
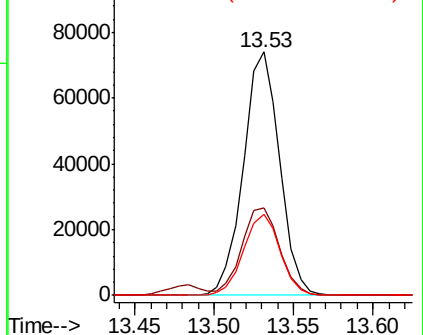
#47
 2-Chloronaphthalene
 Concen: 37.905 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

Tot Ion:162 Resp: 117301
 Ion Ratio Lower Upper
 162 100
 127 35.8 28.4 42.6
 164 33.4 26.3 39.5

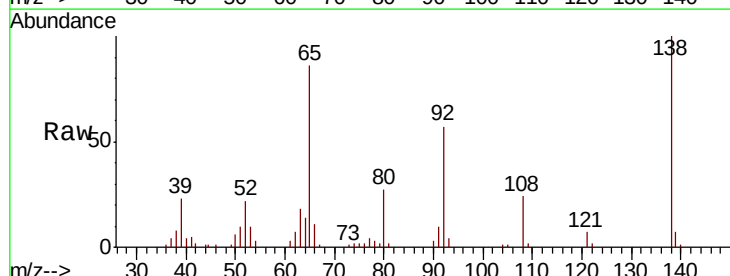


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

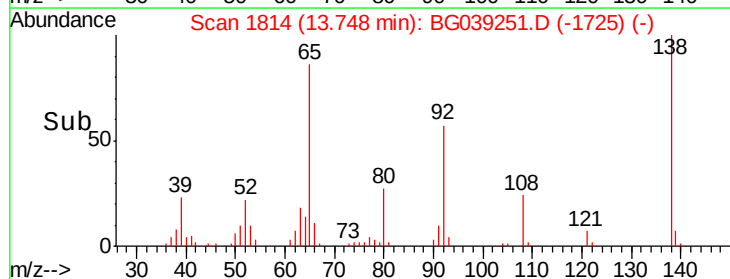
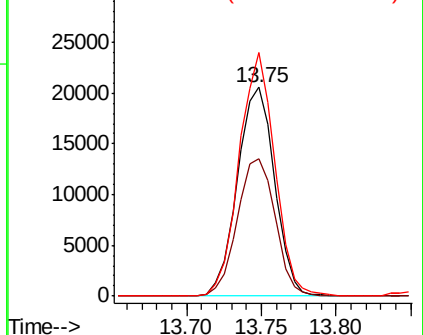


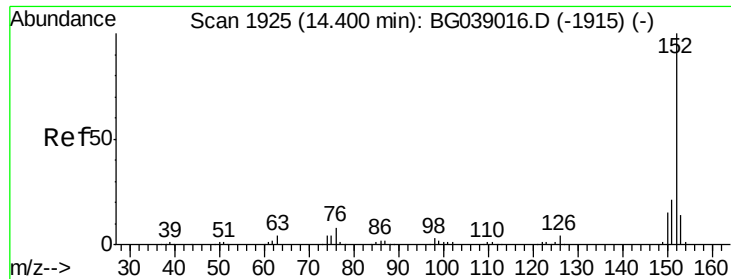
#48
 2-Nitroaniline
 Concen: 40.941 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion: 65 Resp: 35494
 Ion Ratio Lower Upper
 65 100
 92 66.1 52.2 78.4
 138 116.7 86.0 129.0



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: 42.103 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

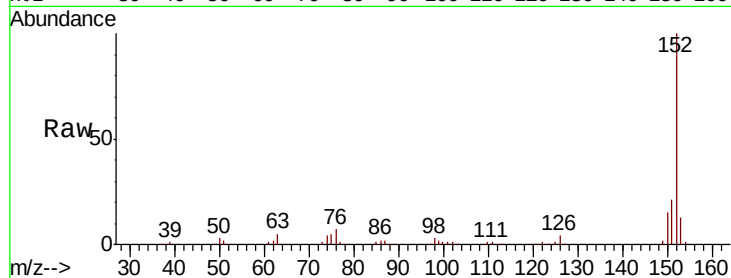
Tot Ion:152 Resp: 195833

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.4

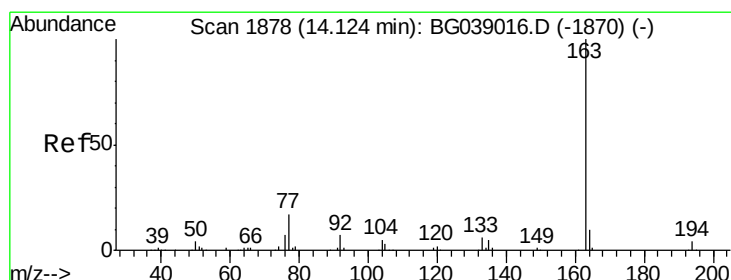
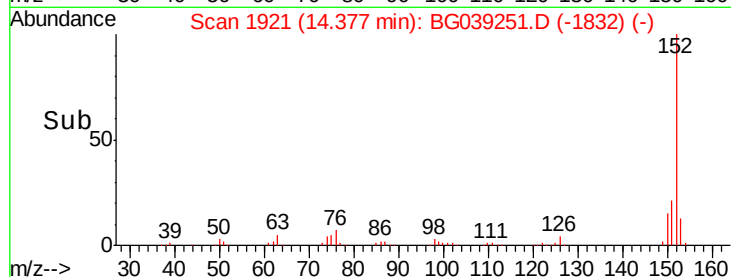
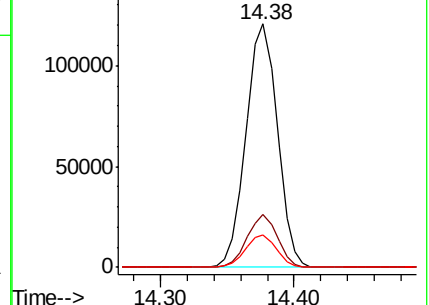
153 13.3 11.2 16.8



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: 39.533 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

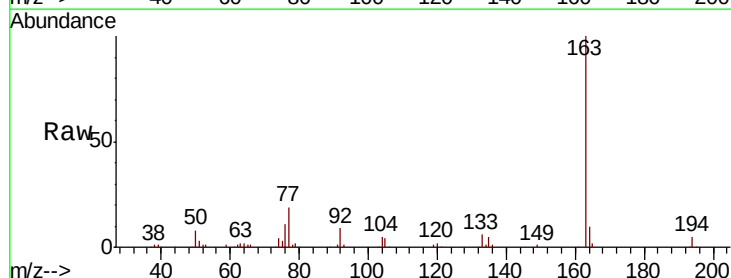
Tgt Ion:163 Resp: 161225

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

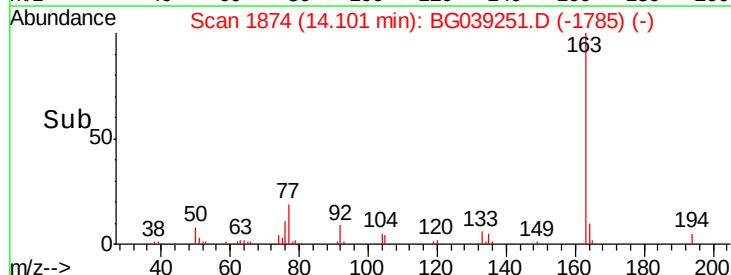
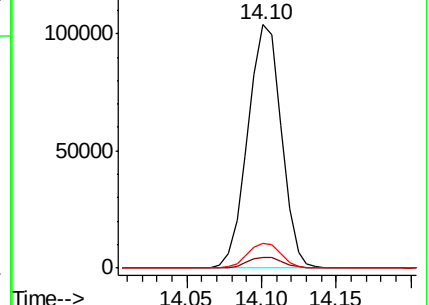
164 10.1 8.2 12.2

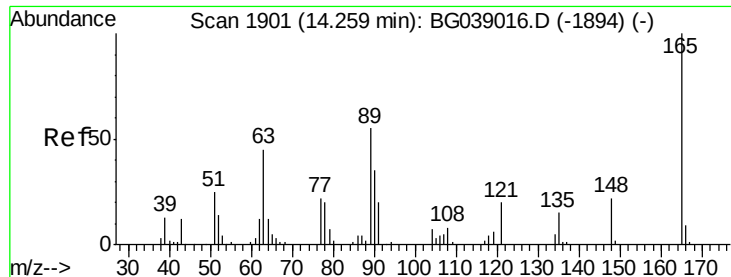


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

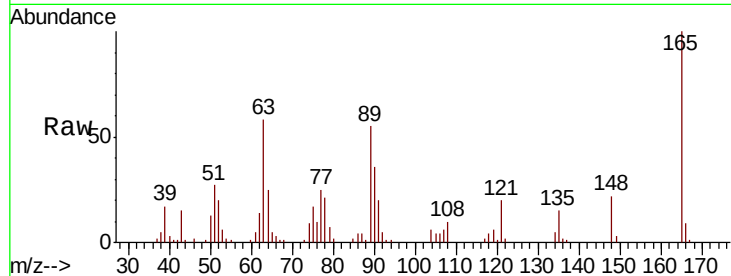




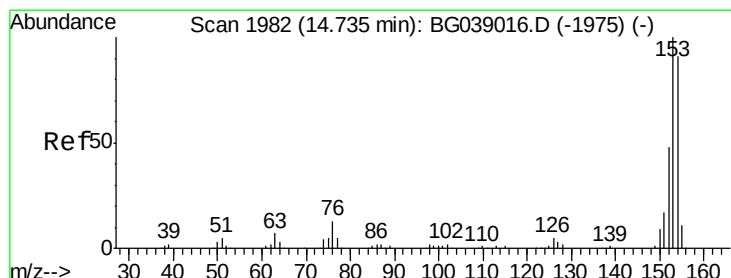
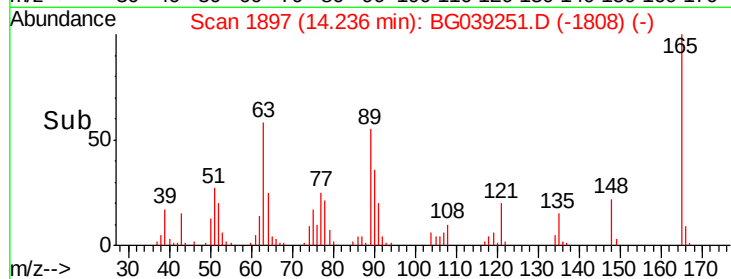
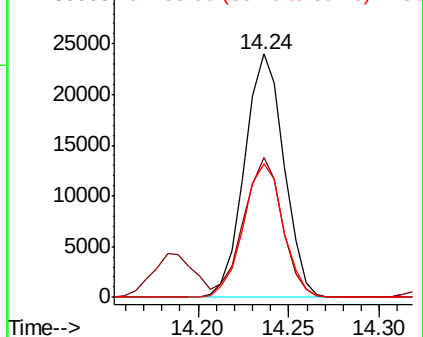
#51
2,6-Dinitrotoluene
Concen: 39.782 ng
RT: 14.24 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_G
ClientSampleId :
PB116551BS

Tot Ion:165 Resp: 36273
Ion Ratio Lower Upper
165 100
63 57.7 43.6 65.4
89 55.0 43.7 65.5

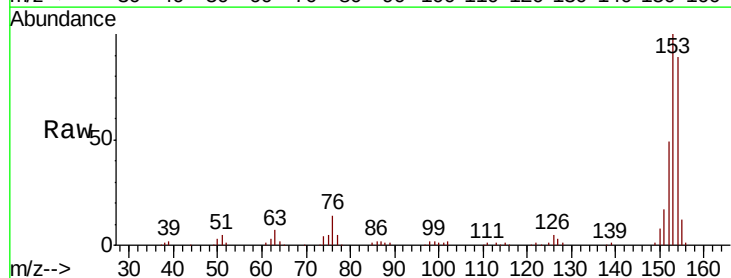


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

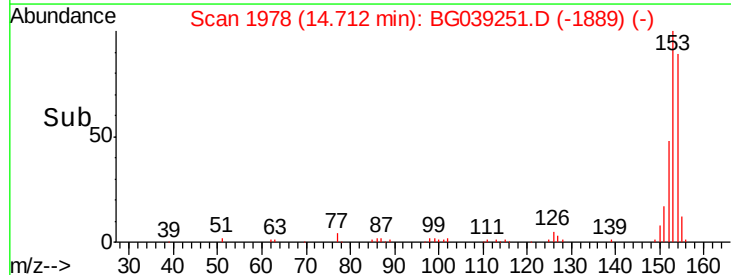
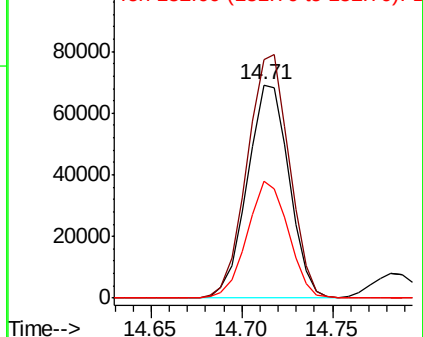


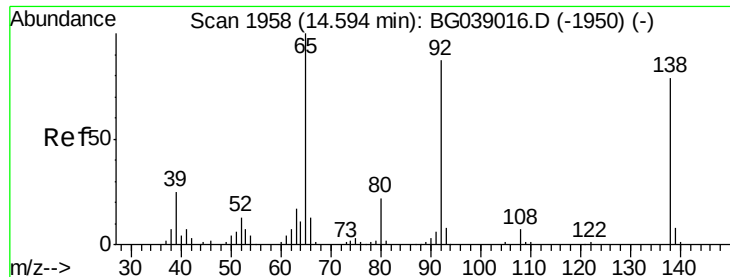
#52
Acenaphthene
Concen: 39.714 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:154 Resp: 110986
Ion Ratio Lower Upper
154 100
153 111.8 87.9 131.9
152 54.8 42.2 63.2



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

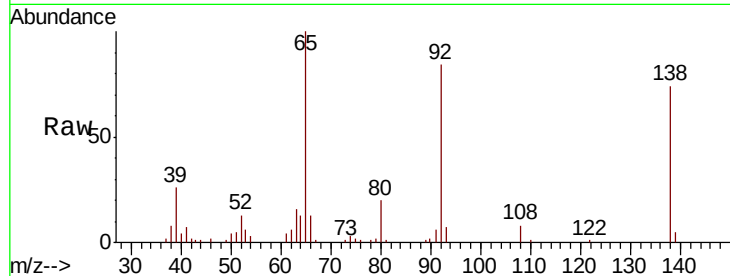




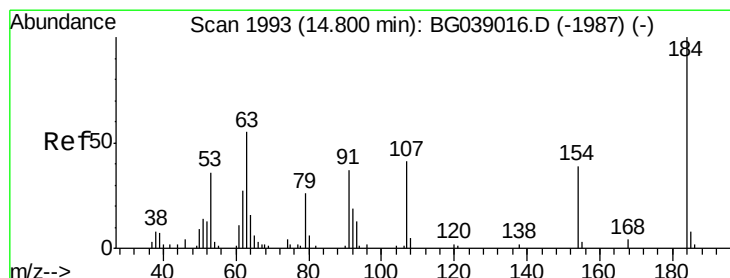
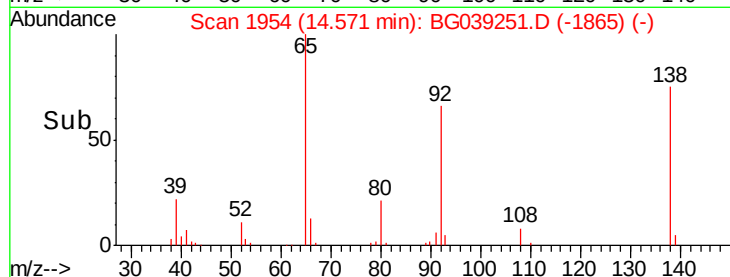
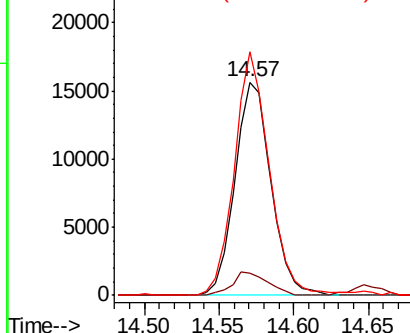
#53
 3-Nitroaniline
 Concen: 28.305 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

Tot Ion:138 Resp: 26181
 Ion Ratio Lower Upper
 138 100
 108 10.5 7.4 11.0
 92 114.3 88.2 132.4

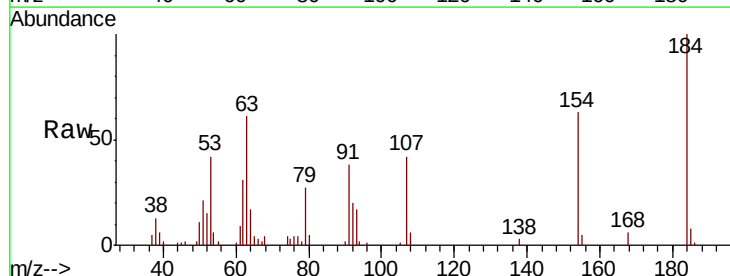


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

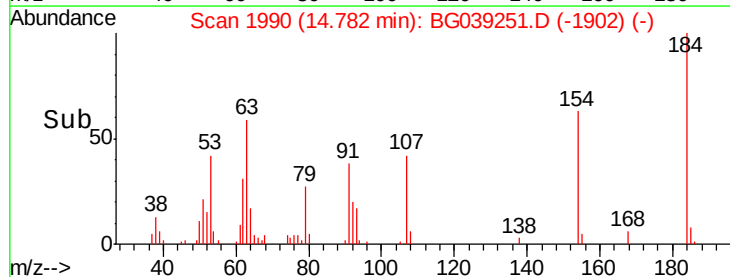
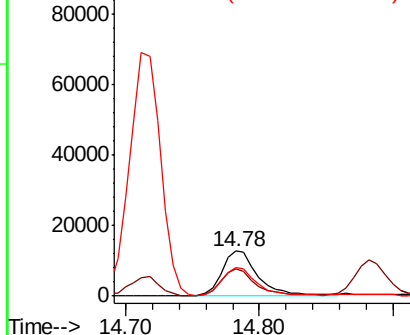


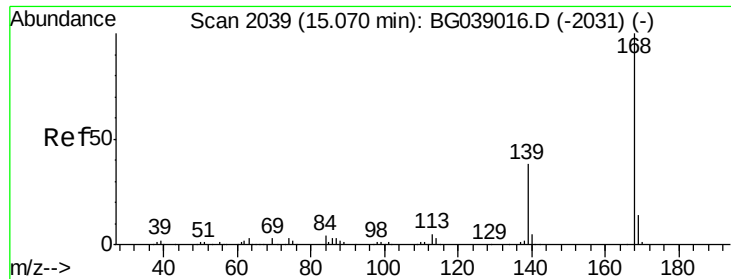
#54
 2,4-Dinitrophenol
 Concen: 47.890 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion:184 Resp: 24843
 Ion Ratio Lower Upper
 184 100
 63 60.9 44.0 66.0
 154 63.2 46.1 69.1



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

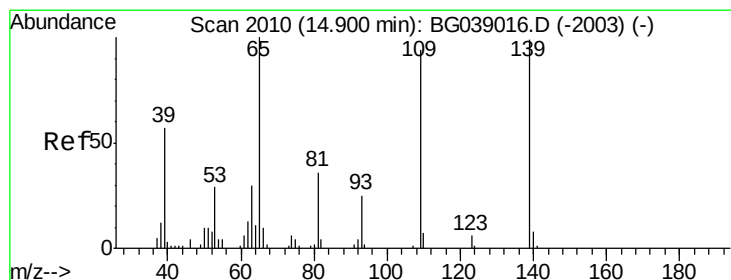
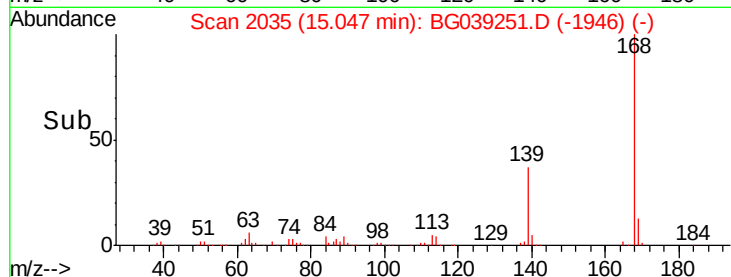
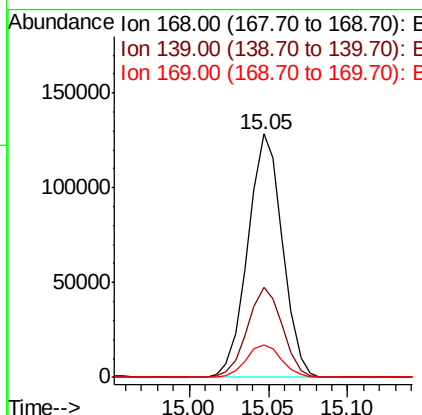
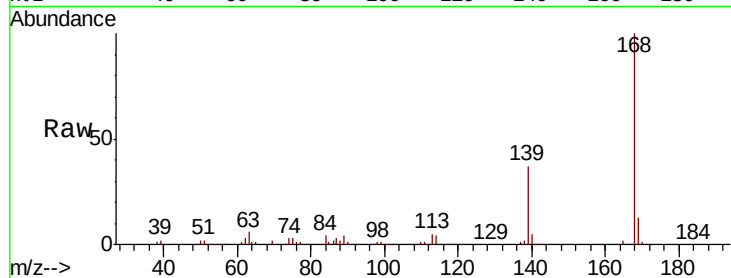




#55
Dibenzenofuran
Concen: 39.505 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

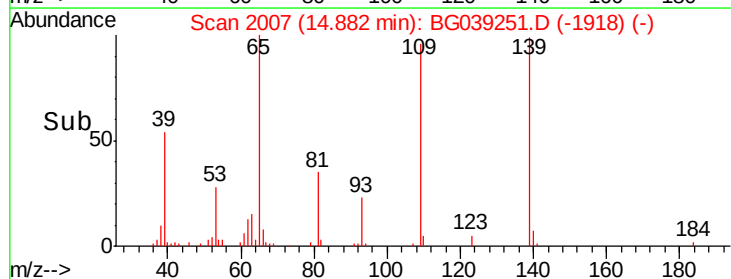
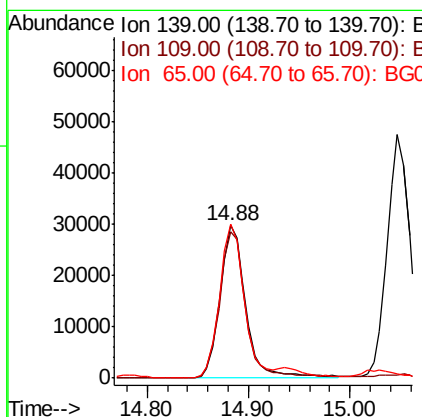
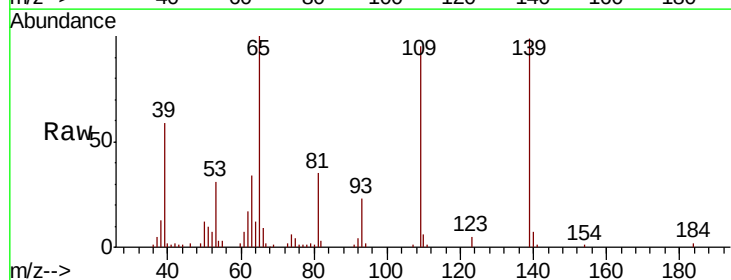
Instrument :
BNA_G
ClientSampleId :
PB116551BS

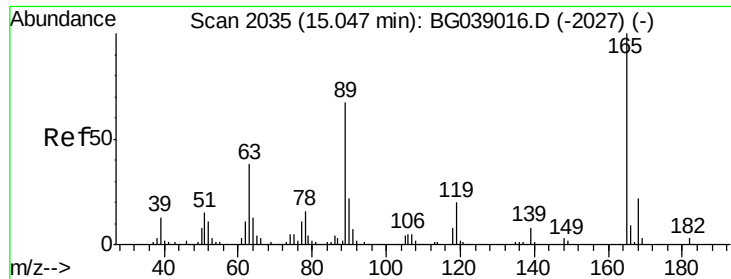
Tot Ion:168 Resp: 194985
Ion Ratio Lower Upper
168 100
139 36.9 30.1 45.1
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 78.723 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:139 Resp: 52393
Ion Ratio Lower Upper
139 100
109 96.3 75.6 115.6
65 101.3 81.2 121.2

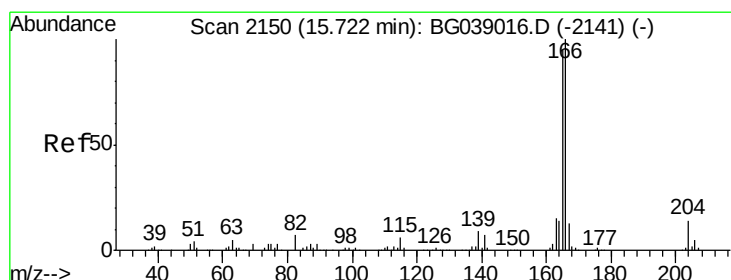
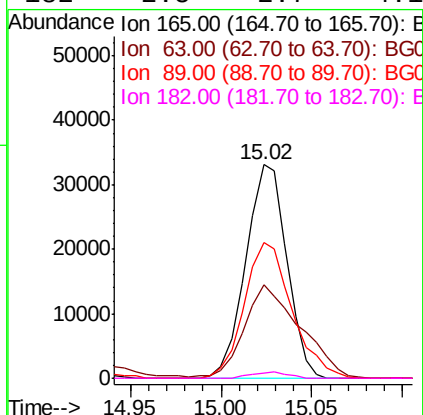
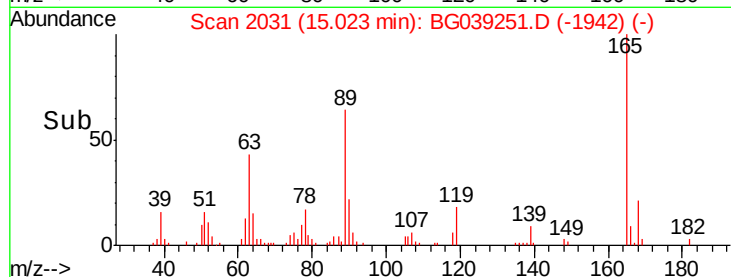
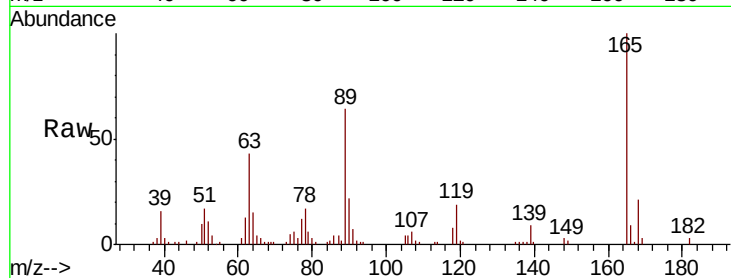




#57
2,4-Dinitrotoluene
Concen: 39.666 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

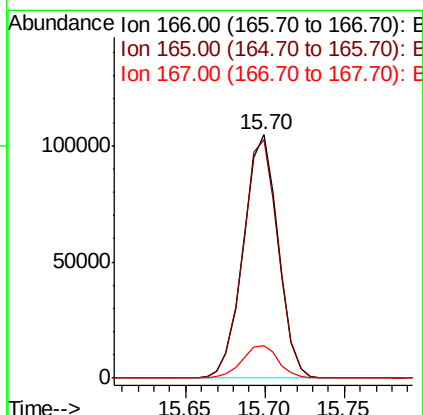
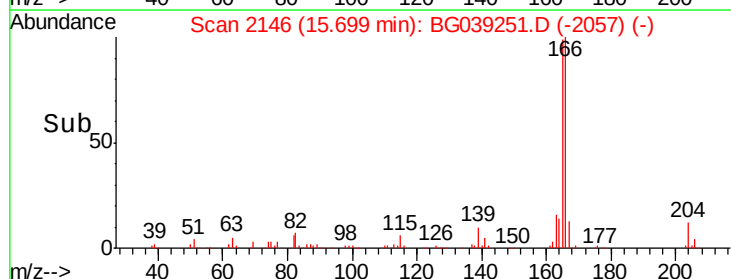
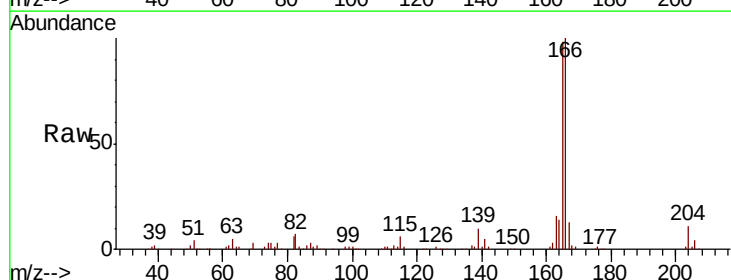
Instrument :
BNA_G
ClientSampleId :
PB116551BS

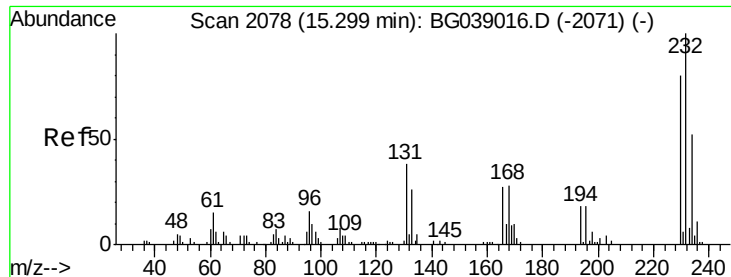
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	30.2	45.4
89	63.6	53.2	79.8
182	2.5	2.7	4.1#



#58
Fluorene
Concen: 42.767 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	76.2	114.2
167	13.2	10.6	16.0

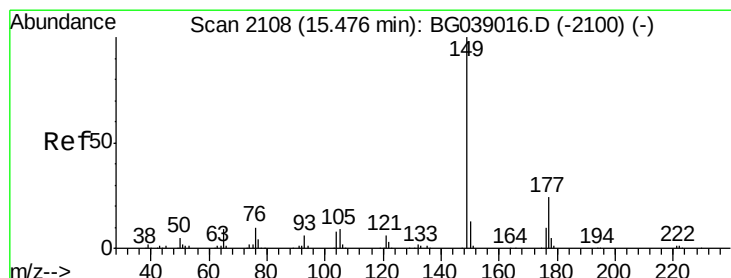
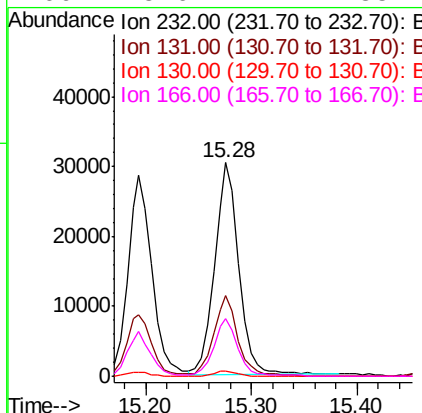
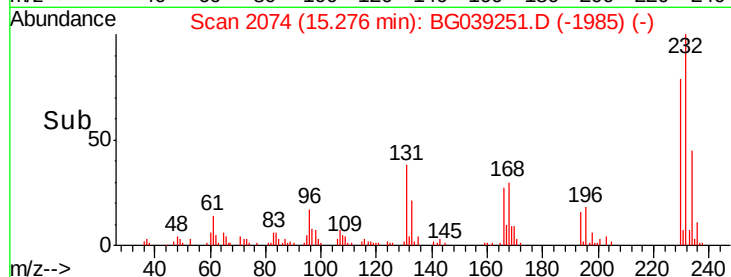
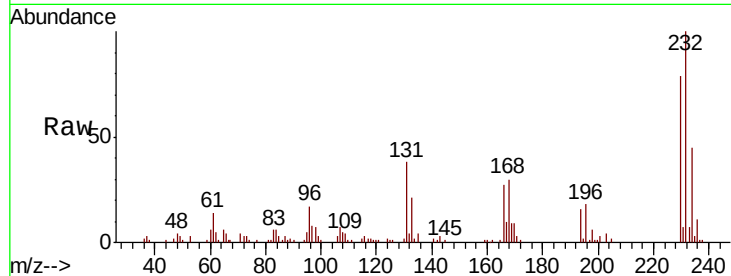




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.764 ng
RT: 15.28 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

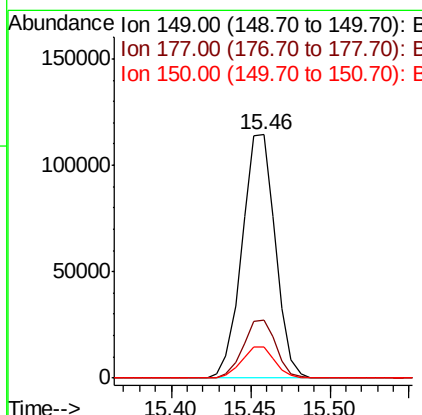
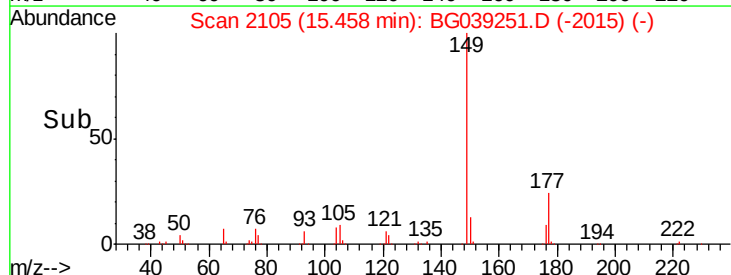
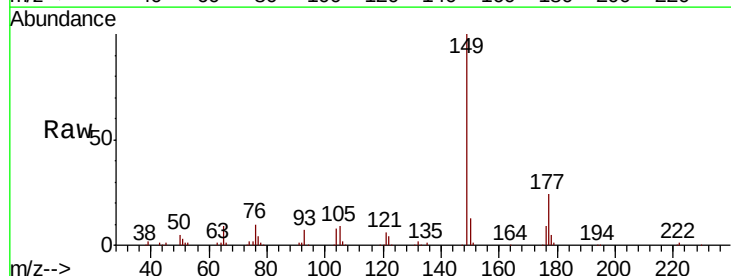
Instrument :
BNA_G
ClientSampleId :
PB116551BS

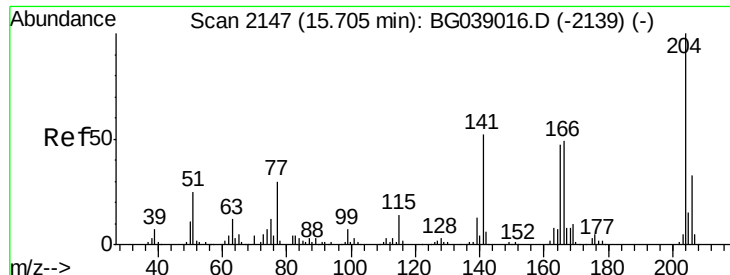
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.5	30.9	46.3
130	2.4	1.9	2.9
166	25.6	22.1	33.1



#60
Diethylphthalate
Concen: 39.488 ng
RT: 15.46 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.0	28.6
150	12.9	10.2	15.4

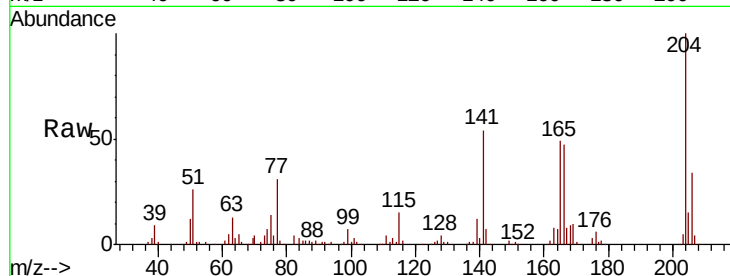




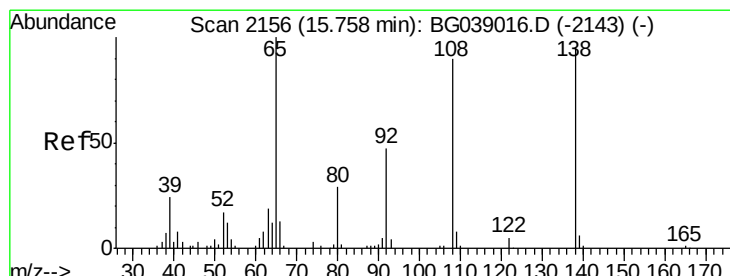
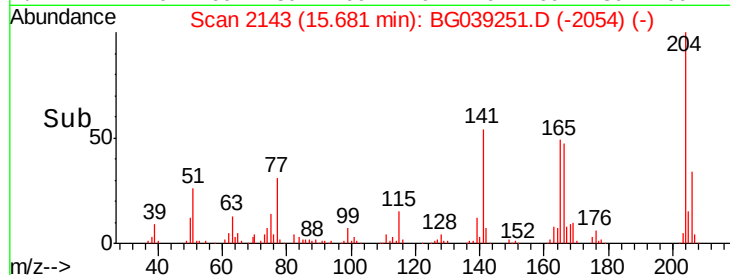
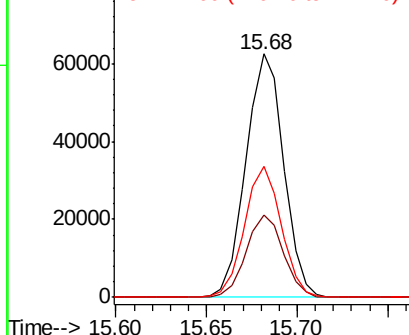
#61
4-Chlorophenyl-phenylether
Concen: 38.594 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_G
ClientSampleId :
PB116551BS

Tot Ion:204 Resp: 90332
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 53.7 41.4 62.0

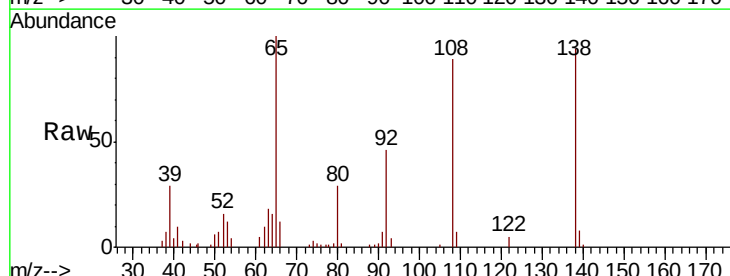


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

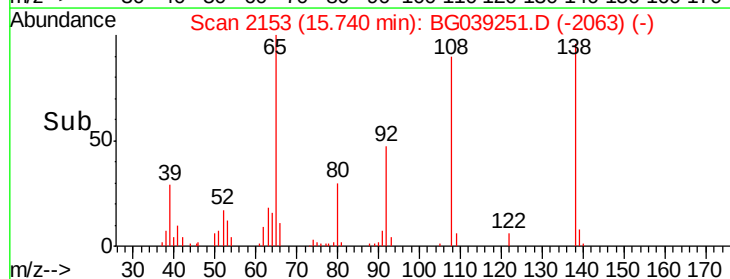
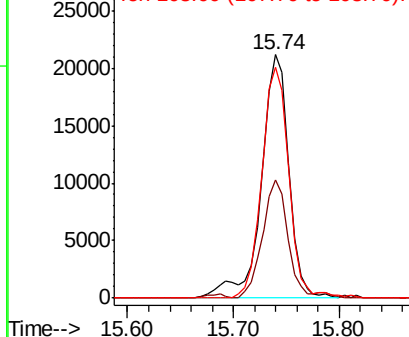


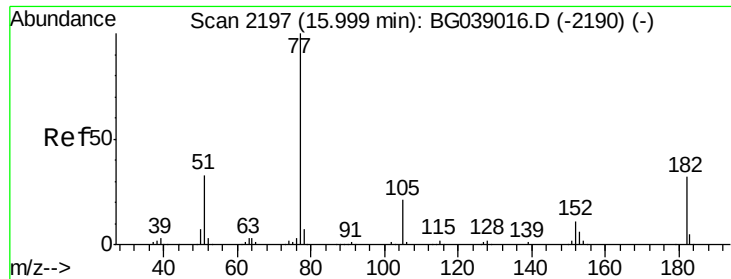
#62
4-Nitroaniline
Concen: 39.947 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:138 Resp: 38492
Ion Ratio Lower Upper
138 100
92 48.5 29.7 69.7
108 94.6 75.7 115.7



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





#63

Azobenzene

Concen: 40.723 ng

RT: 15.98 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

Tot Ion: 77 Resp: 133815

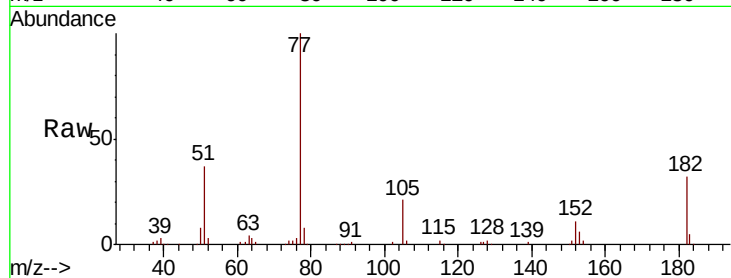
Ion Ratio Lower Upper

77 100

182 32.4 12.2 52.2

105 20.6 1.2 41.2

51 36.6 13.4 53.4

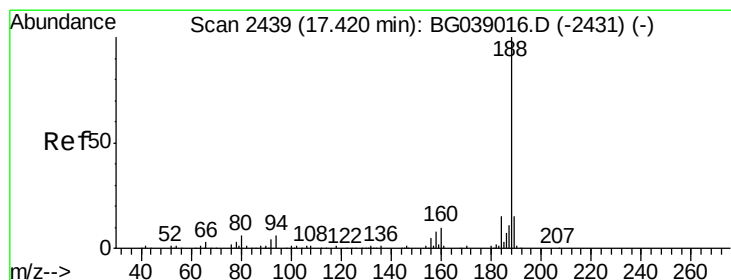
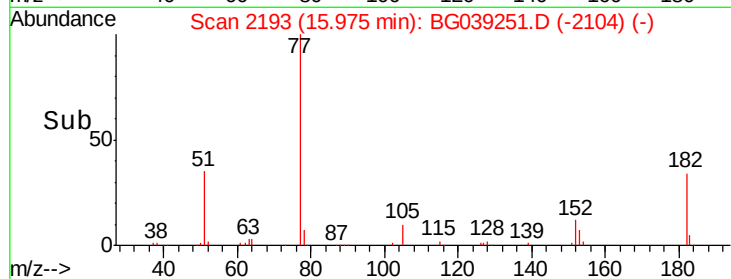
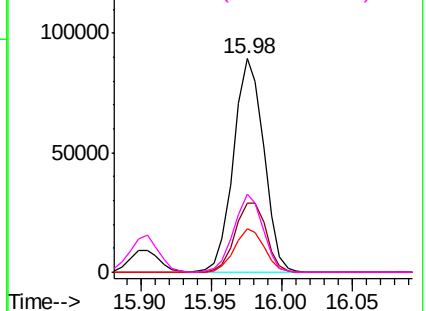


Abundance Ion 77.00 (76.70 to 77.70): BG039016.D (-2190) (-)

Ion 182.00 (181.70 to 182.70): BG039016.D (-2190) (-)

Ion 105.00 (104.70 to 105.70): BG039016.D (-2190) (-)

Ion 51.00 (50.70 to 51.70): BG039016.D (-2190) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

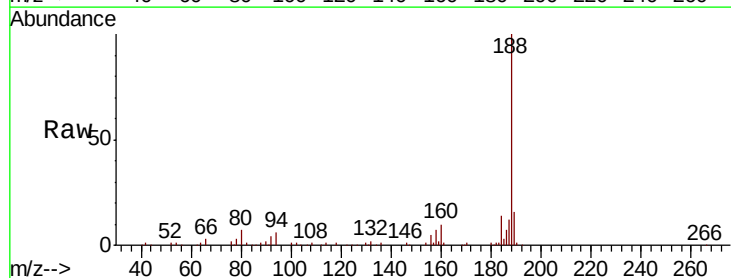
Tgt Ion: 188 Resp: 132504

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

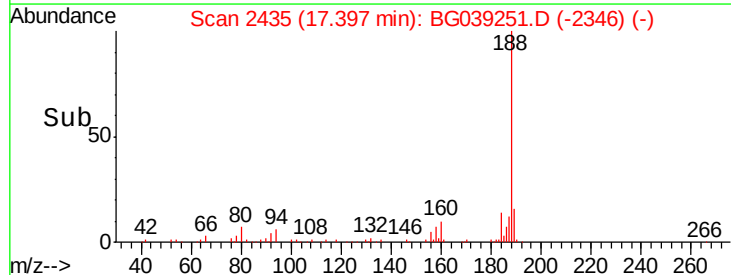
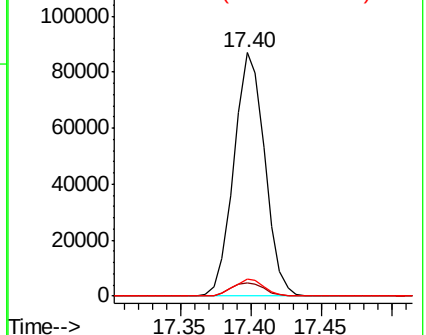
80 6.8 4.7 7.1

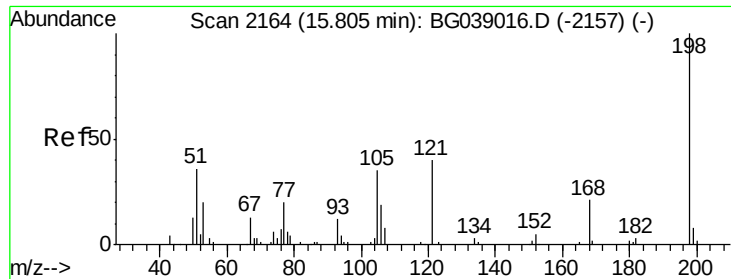


Abundance Ion 188.00 (187.70 to 188.70): BG039016.D (-2431) (-)

Ion 94.00 (93.70 to 94.70): BG039016.D (-2431) (-)

Ion 80.00 (79.70 to 80.70): BG039016.D (-2431) (-)

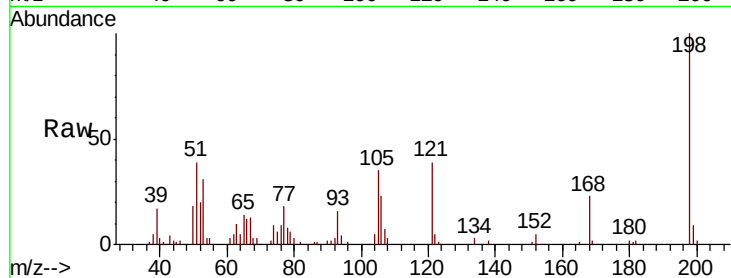




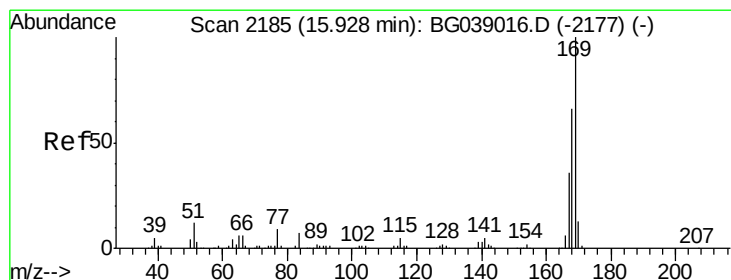
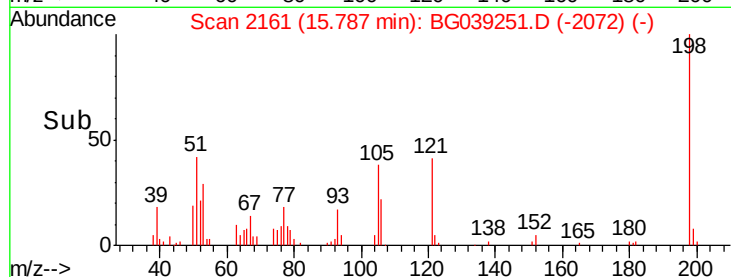
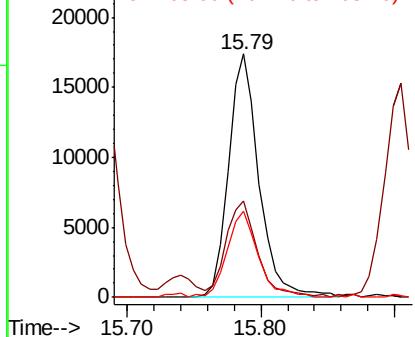
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.103 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.4	20.8	60.8
105	35.5	16.1	56.1

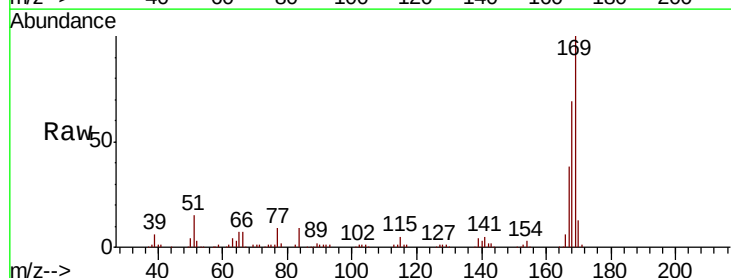


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

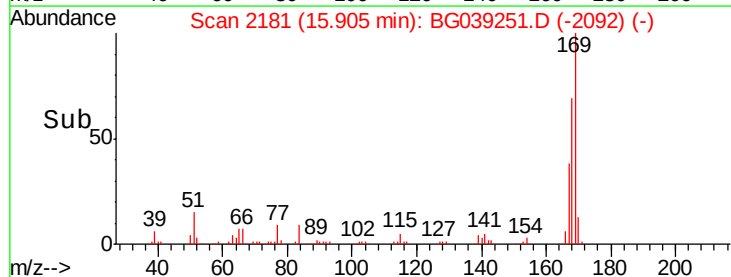
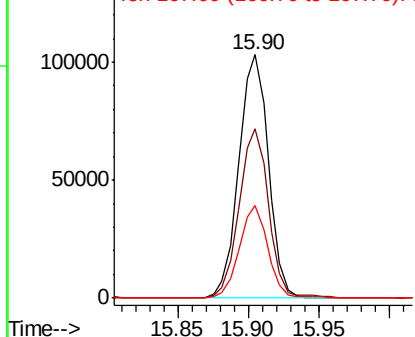


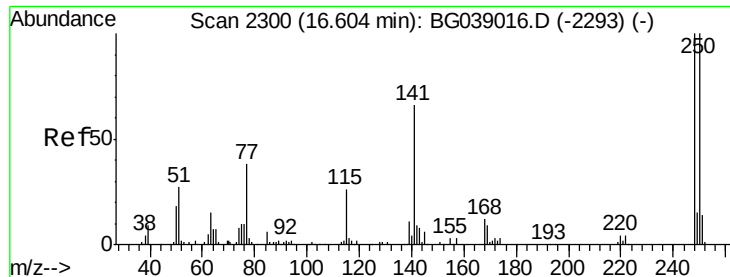
#66
 n-Nitrosodiphenylamine
 Concen: 38.403 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.4	53.2	79.8
167	38.1	29.1	43.7



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

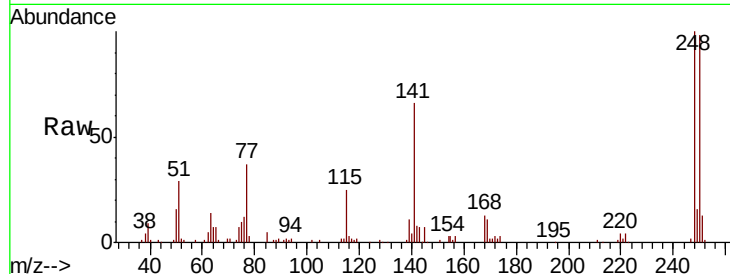




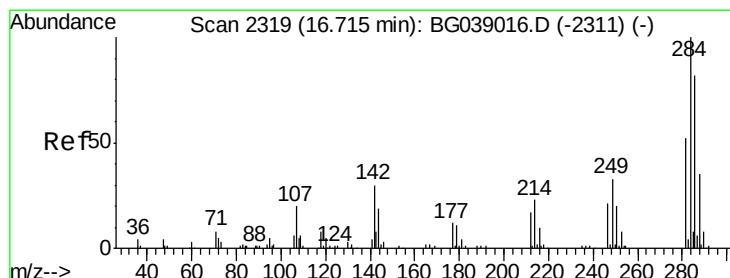
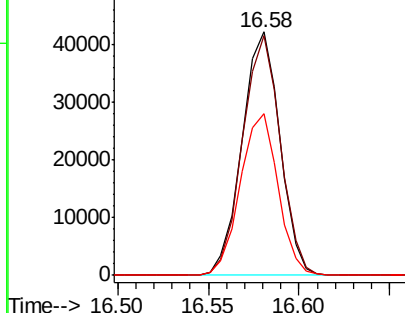
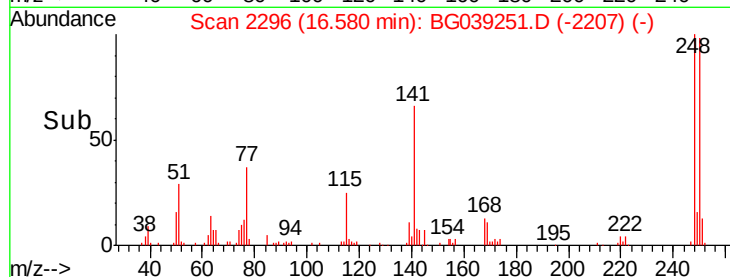
#67
 4-Bromophenyl-phenylether
 Concen: 35.920 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

Tot Ion:248 Resp: 61181
 Ion Ratio Lower Upper
 248 100
 250 98.2 79.9 119.9
 141 66.3 52.7 79.1

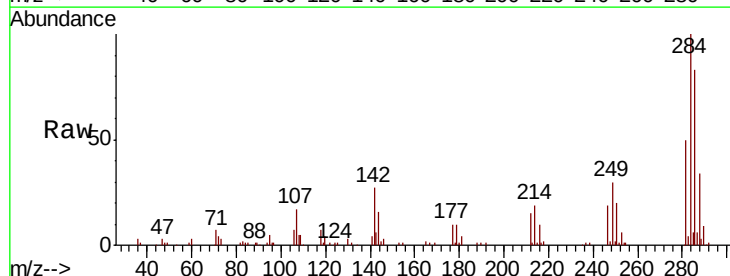


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

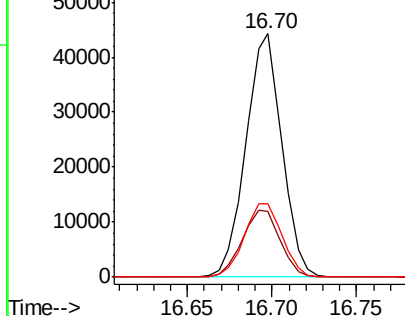
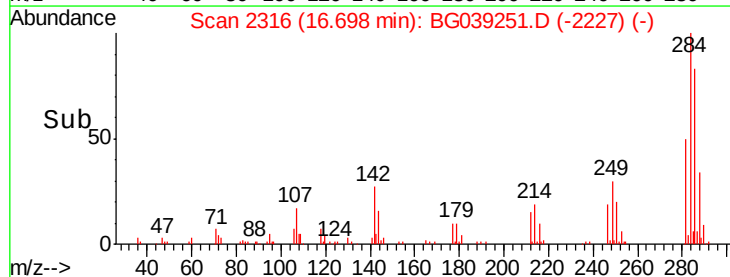


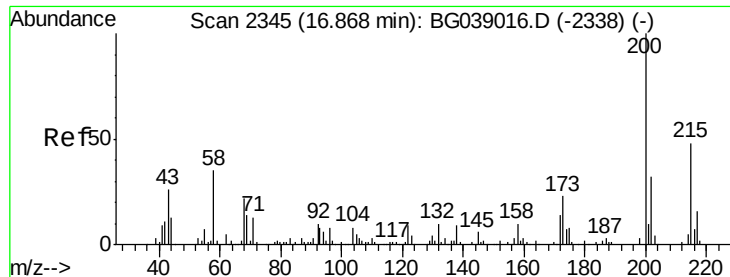
#68
 Hexachlorobenzene
 Concen: 35.299 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion:284 Resp: 65606
 Ion Ratio Lower Upper
 284 100
 142 27.0 24.3 36.5
 249 32.4 27.8 41.8



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: 36.613 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

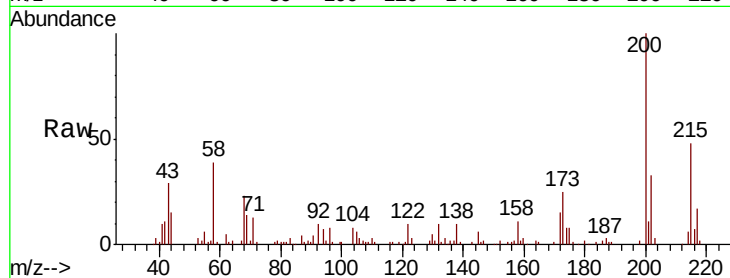
Tot Ion:200 Resp: 61097

Ion Ratio Lower Upper

200 100

173 24.7 2.6 42.6

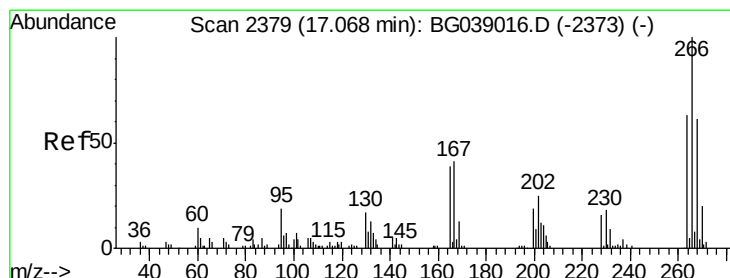
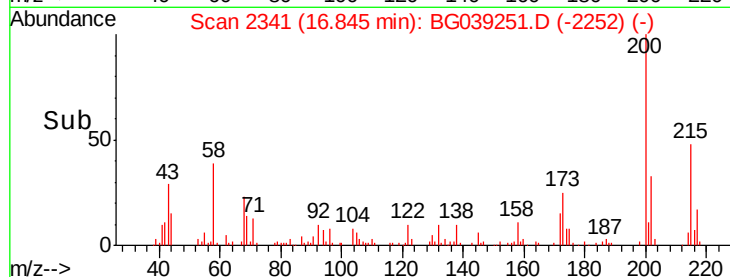
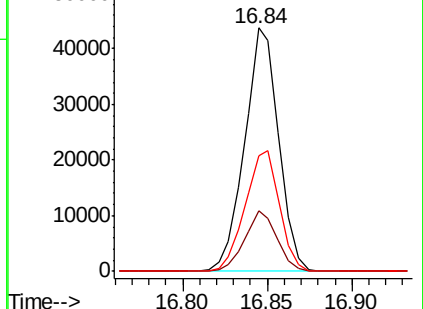
215 47.6 28.0 68.0



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: 51.101 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

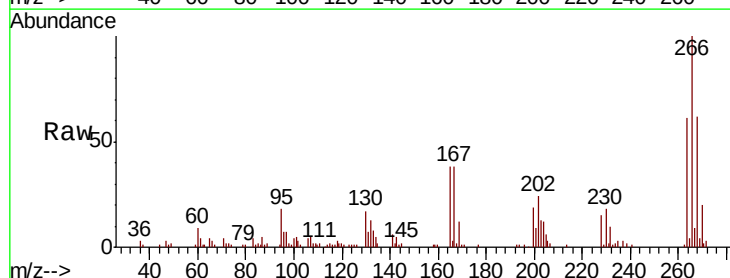
Tgt Ion:266 Resp: 56087

Ion Ratio Lower Upper

266 100

268 66.5 52.0 78.0

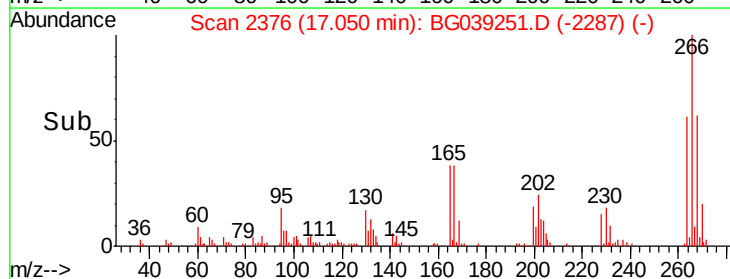
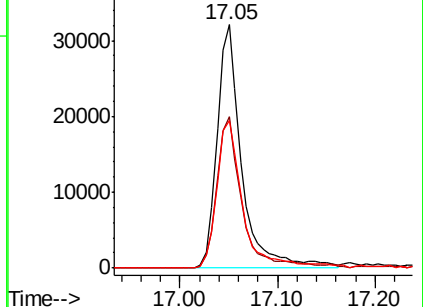
264 60.5 54.6 81.8

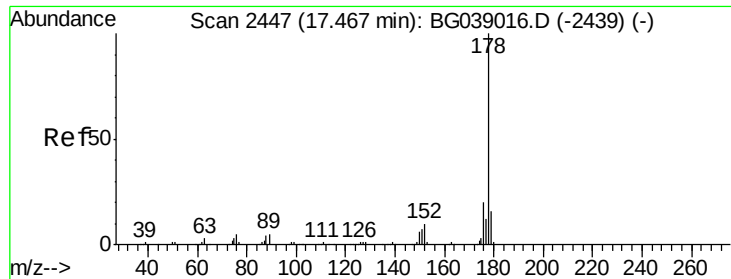


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

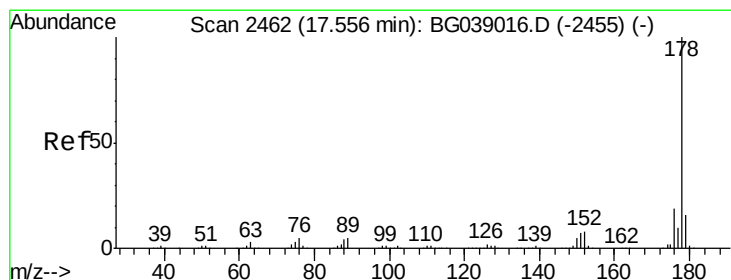
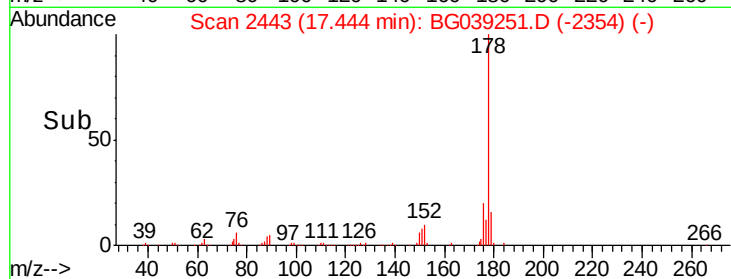
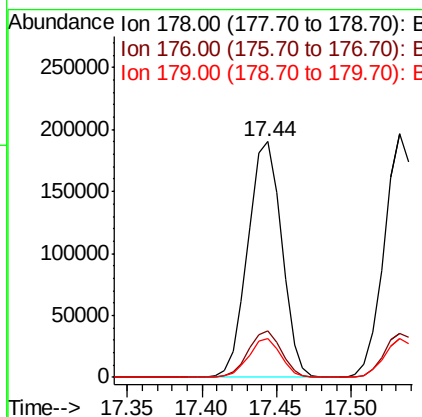
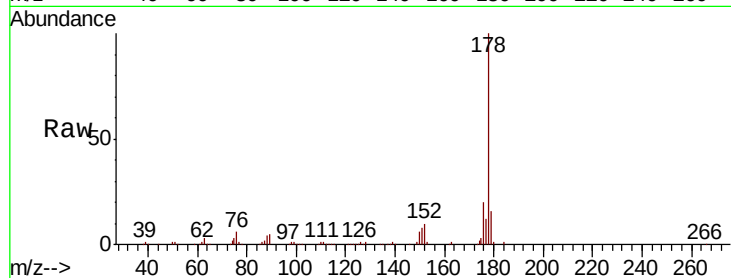




#71
Phenanthrene
Concen: 42.609 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

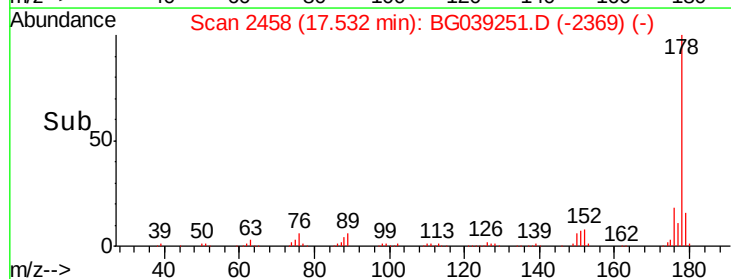
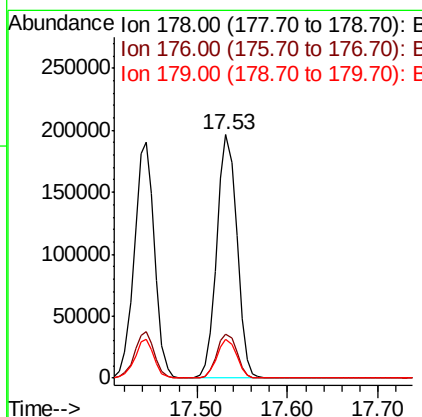
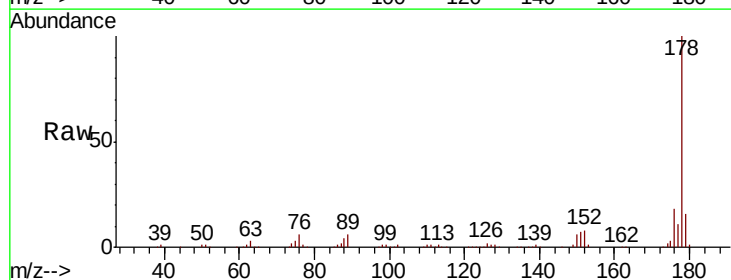
Instrument :
BNA_G
ClientSampleId :
PB116551BS

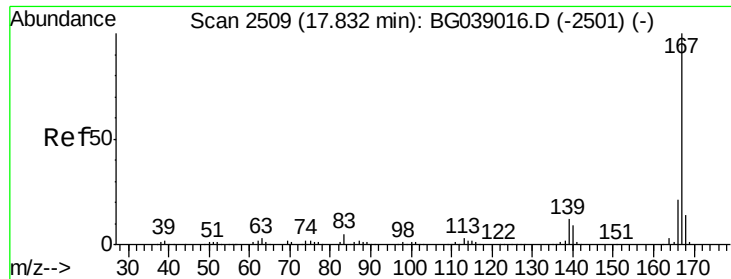
Tot Ion:178 Resp: 298425
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.3 12.9 19.3



#72
Anthracene
Concen: 43.500 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:178 Resp: 301229
Ion Ratio Lower Upper
178 100
176 18.0 14.9 22.3
179 16.2 13.0 19.4

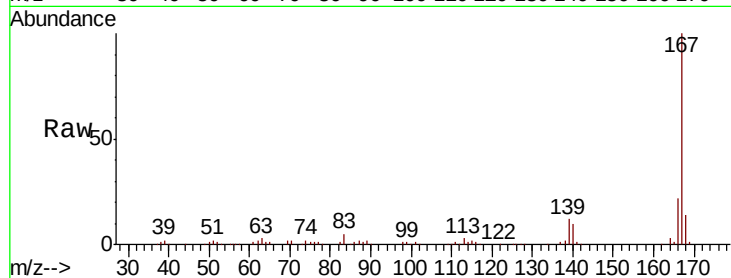




#73
 Carbazole
 Concen: 36.804 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.9	25.3
139	12.2	10.0	15.0

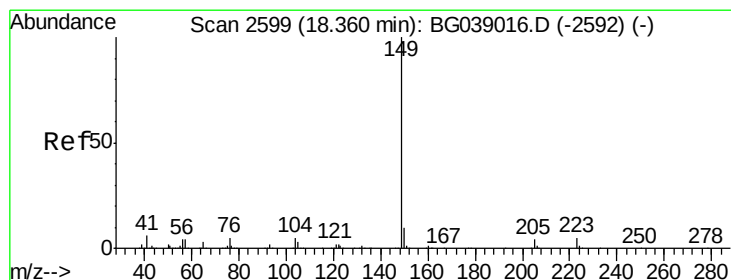
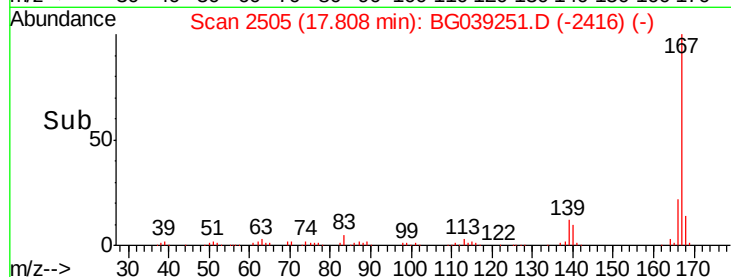
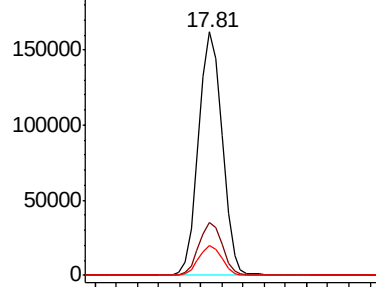


Abundance

Ion 167.00 (166.70 to 167.70): E

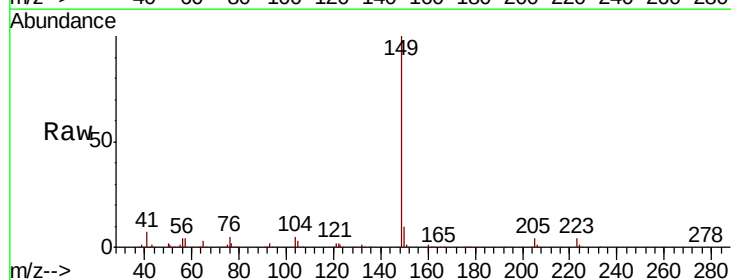
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.399 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.9	11.9
104	5.4	4.2	6.2

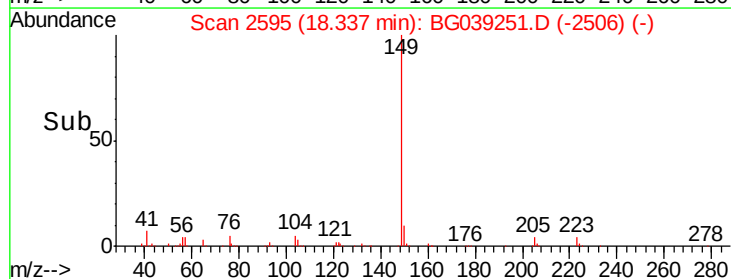
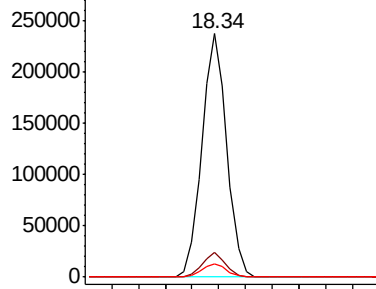


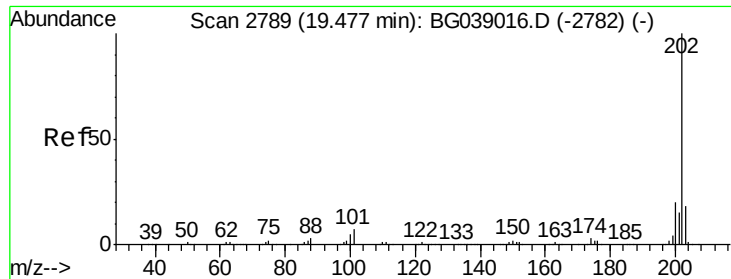
Abundance

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

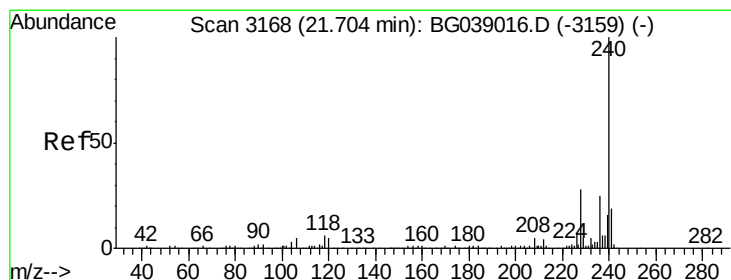
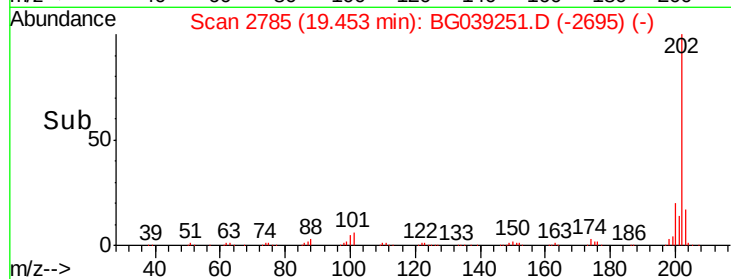
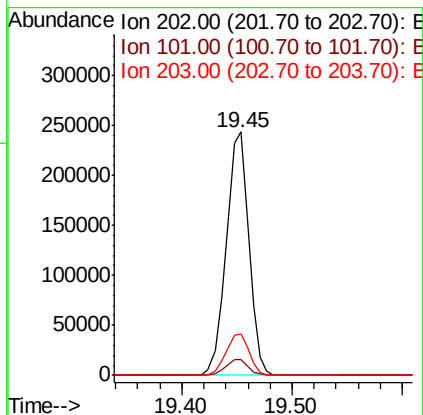
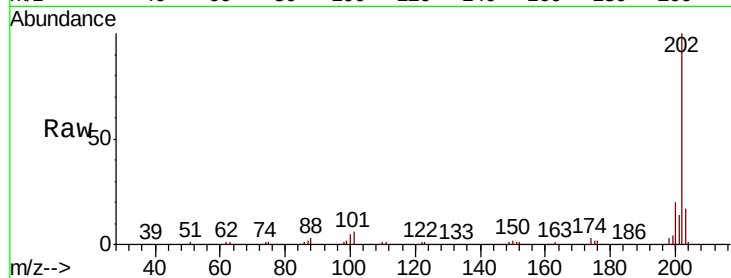




#75
 Fluoranthene
 Concen: 40.250 ng
 RT: 19.45 min Scan# 2785
 Delta R.T. -0.00 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

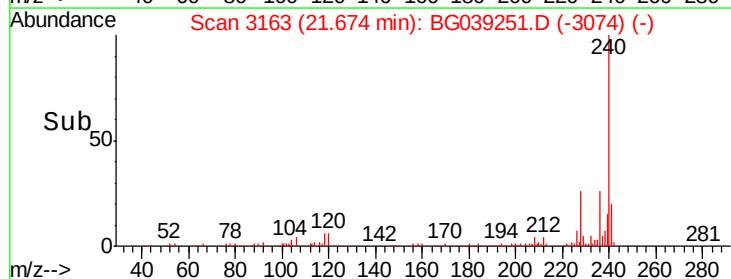
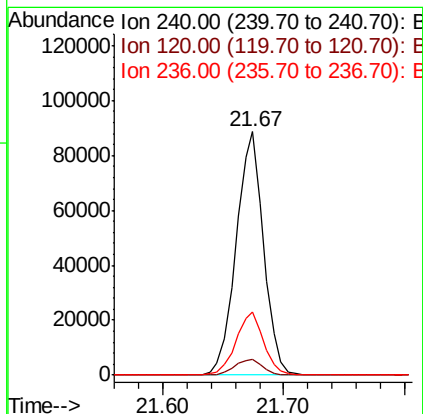
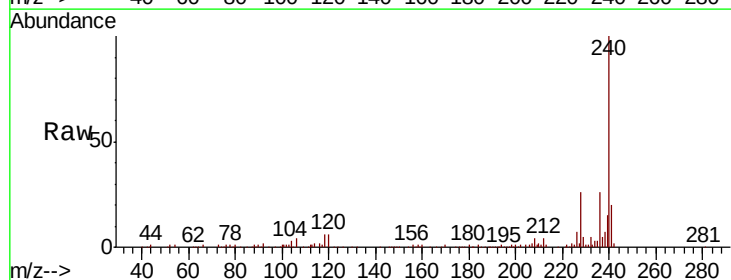
Instrument :
 BNA_G
 ClientSampleId :
 PB116551BS

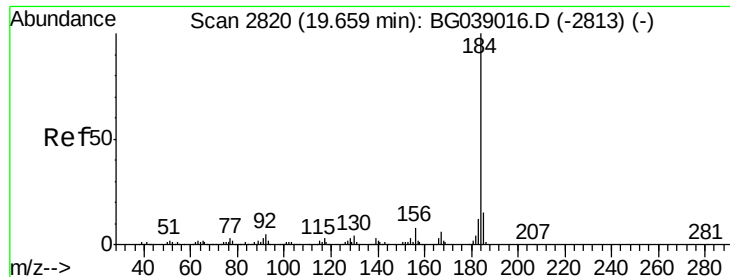
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	26.9
203	17.1	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG039251.D
 Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.3	6.5
236	26.0	20.1	30.1





#77

Benzidine

Concen: 25.128 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

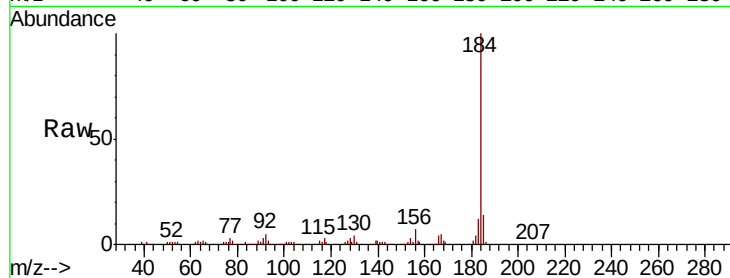
Tot Ion:184 Resp: 107505

Ion Ratio Lower Upper

184 100

185 14.3 12.1 18.1

183 11.5 9.5 14.3

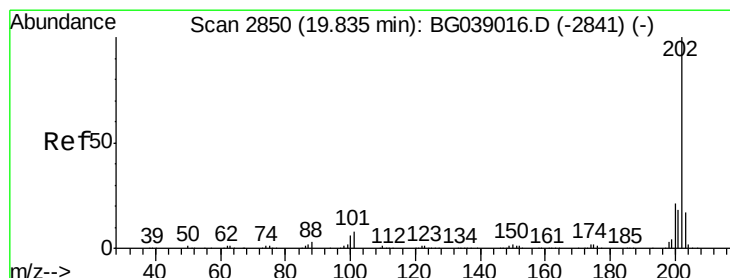
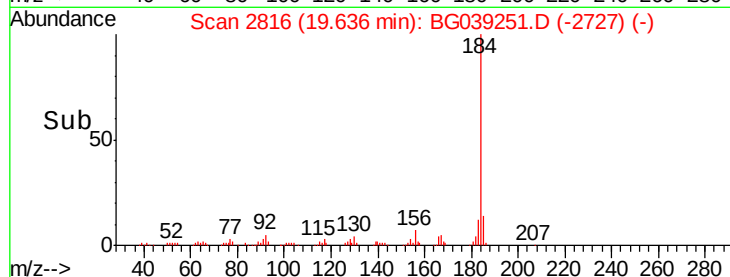
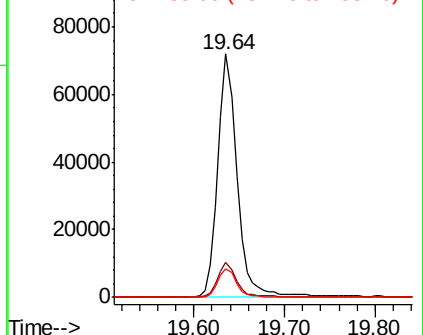


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.719 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

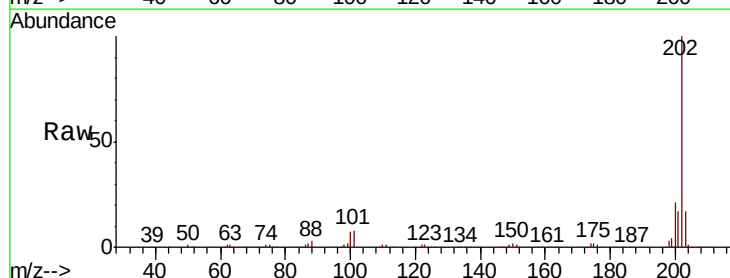
Tgt Ion:202 Resp: 354067

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

203 17.5 14.0 21.0

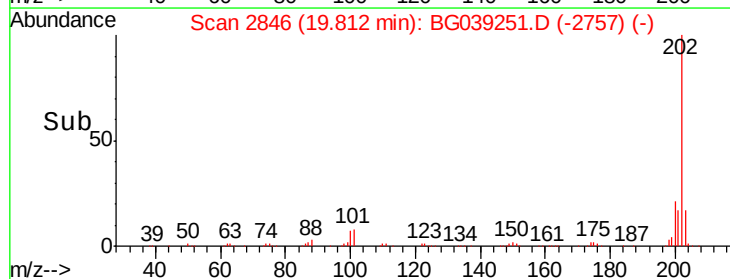
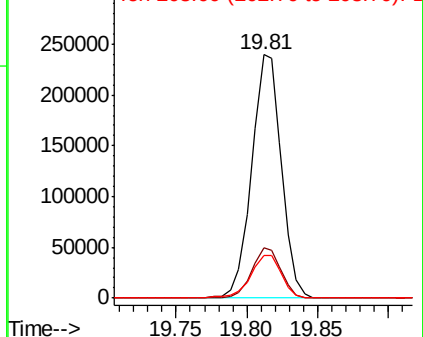


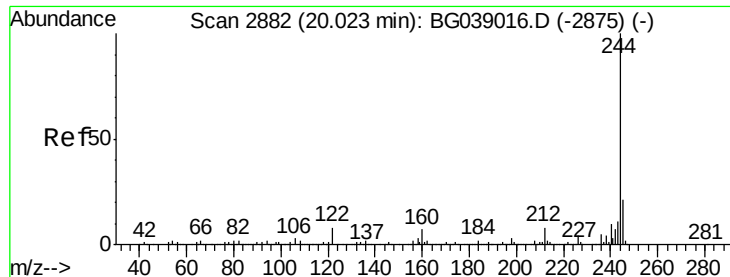
Abundance

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: 75.155 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

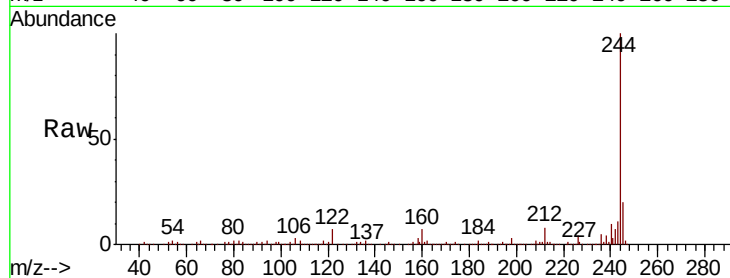
Tot Ion:244 Resp: 568281

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

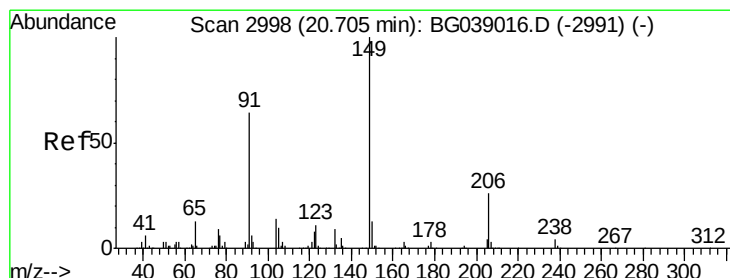
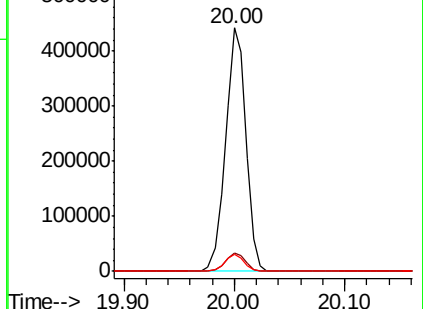
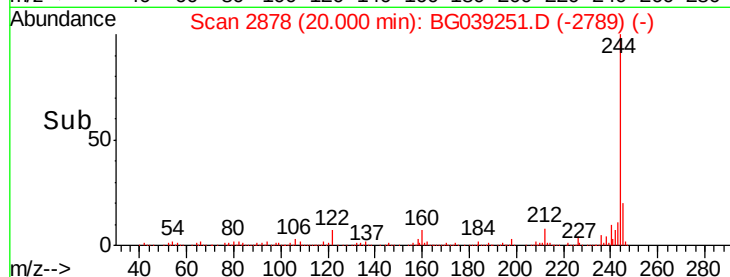
122 7.0 6.1 9.1



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: 37.287 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

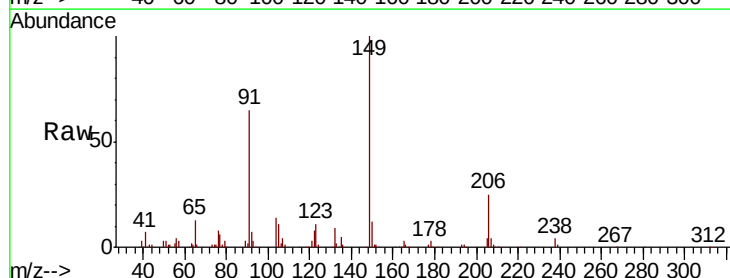
Tgt Ion:149 Resp: 126419

Ion Ratio Lower Upper

149 100

91 64.6 51.4 77.0

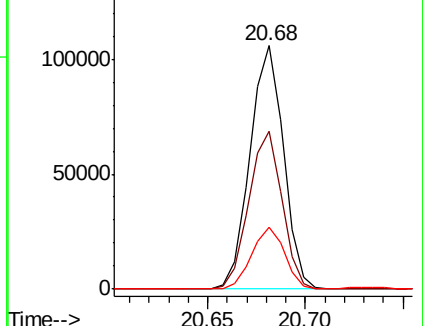
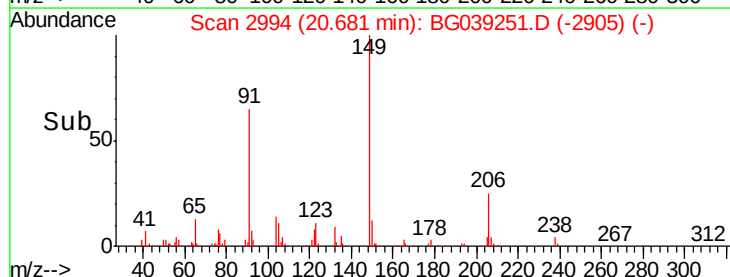
206 25.2 20.4 30.6

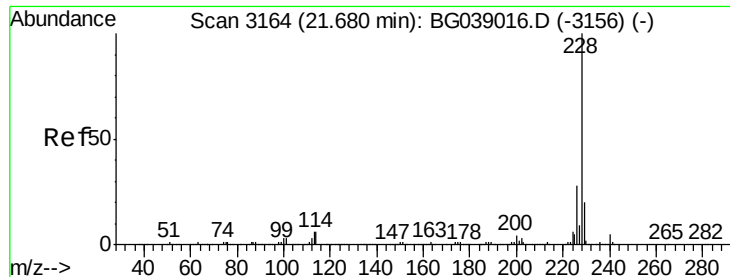


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.820 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

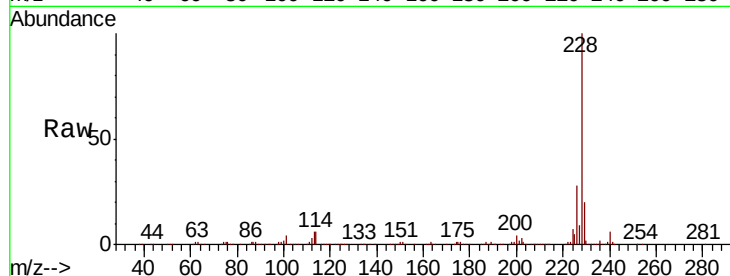
Tot Ion:228 Resp: 373130

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

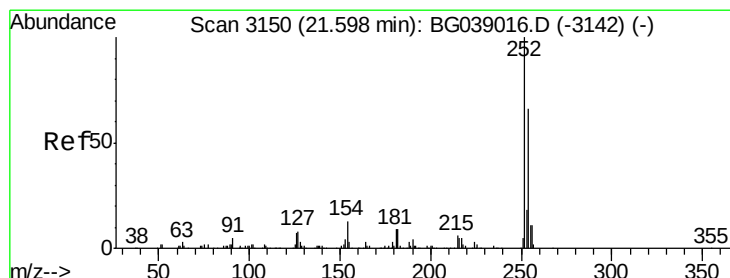
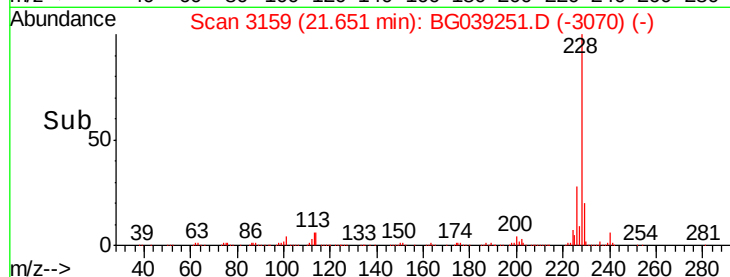
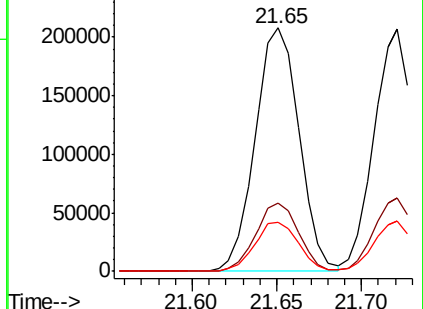
229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.906 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

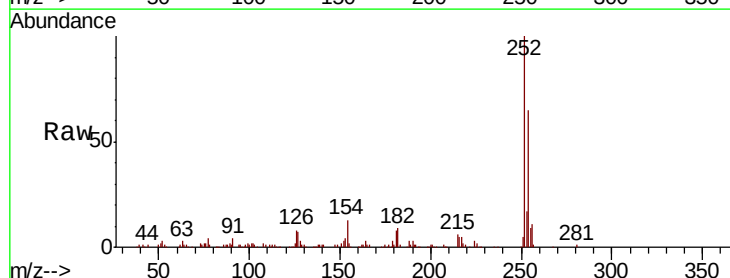
Tgt Ion:252 Resp: 89881

Ion Ratio Lower Upper

252 100

254 65.2 53.0 79.6

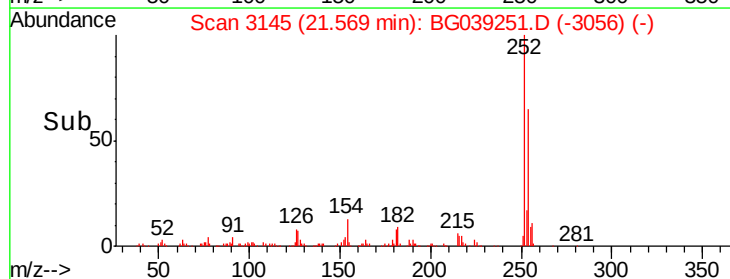
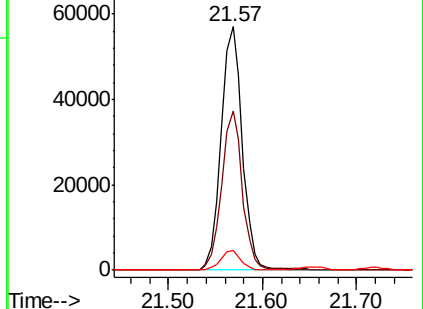
126 8.1 6.0 9.0

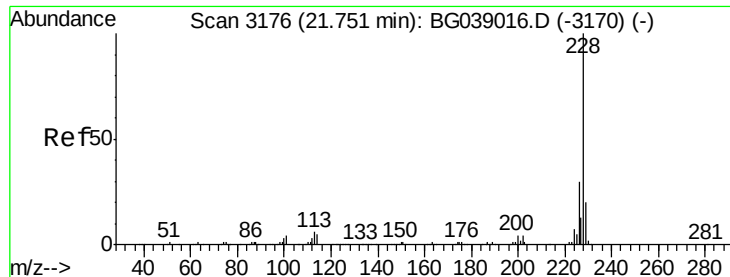


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.242 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

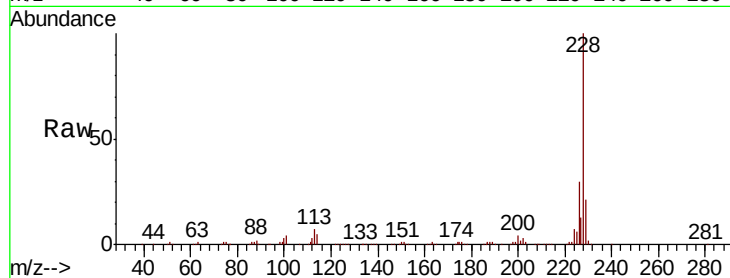
Tot Ion:228 Resp: 334003

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

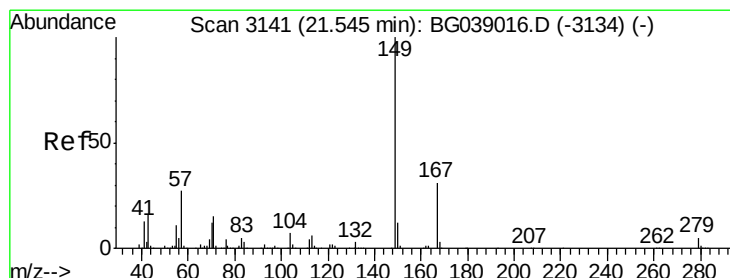
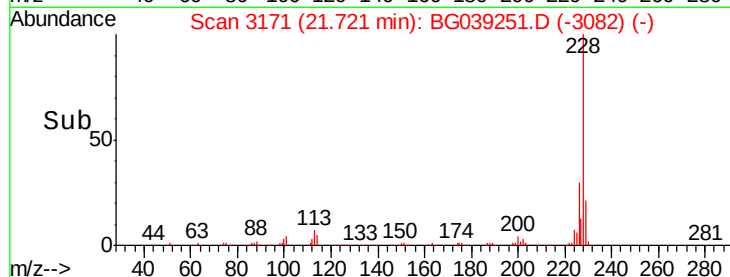
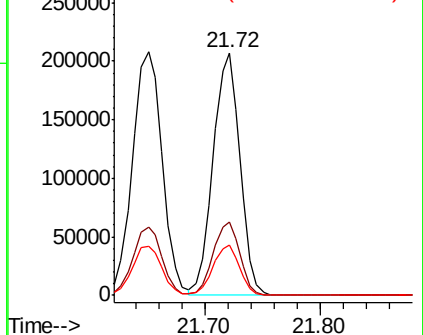
229 20.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.815 ng

RT: 21.52 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

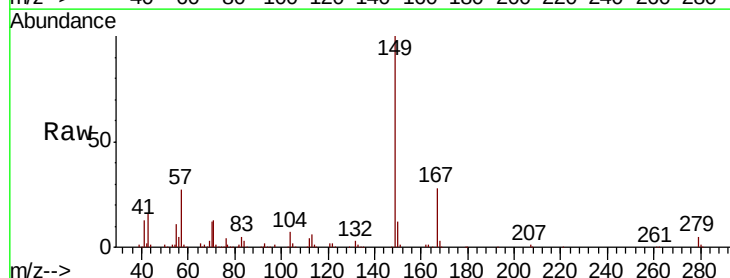
Tgt Ion:149 Resp: 187437

Ion Ratio Lower Upper

149 100

167 27.6 25.0 37.4

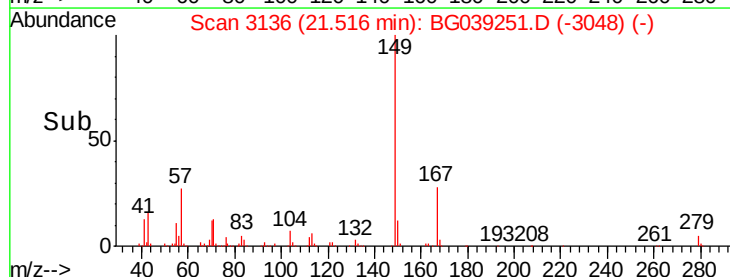
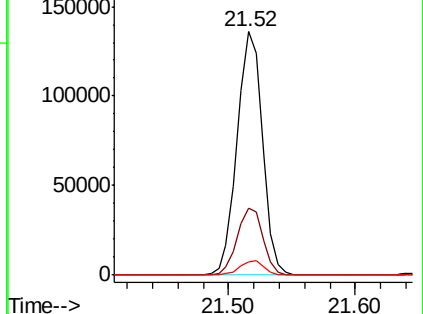
279 5.2 4.3 6.5

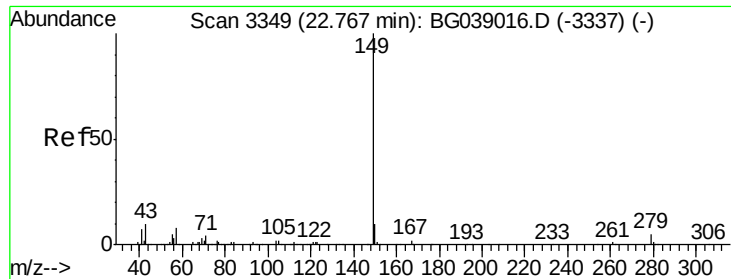


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

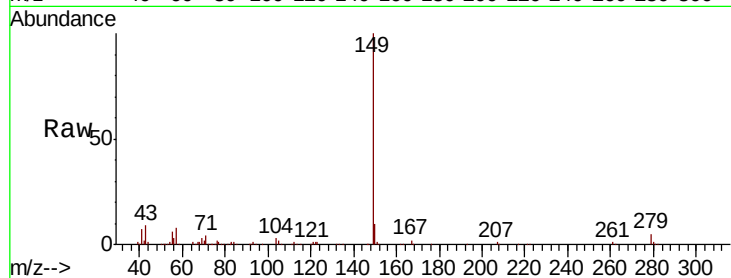




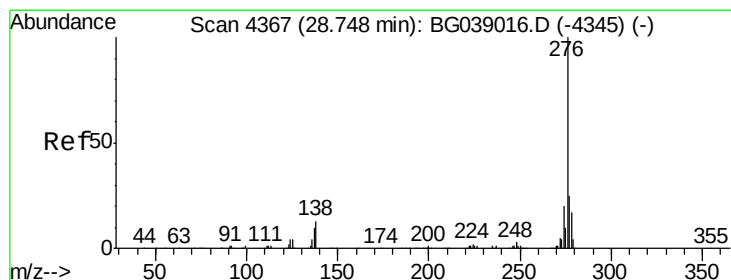
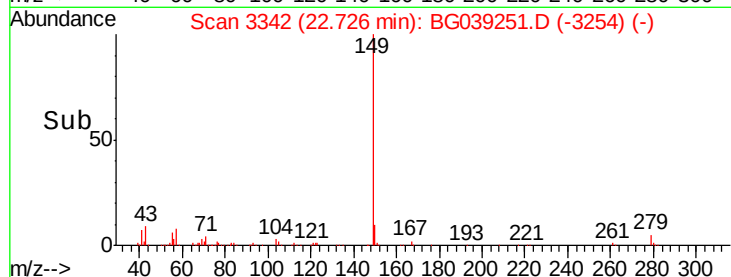
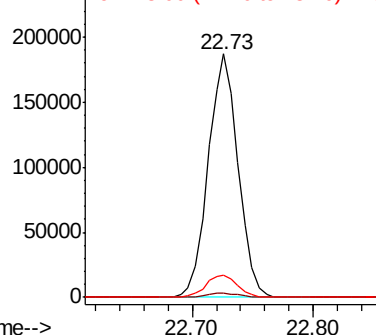
#85
Di-n-octyl phthalate
Concen: 40.292 ng
RT: 22.73 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_G
ClientSampleId :
PB116551BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.7	7.5	11.3

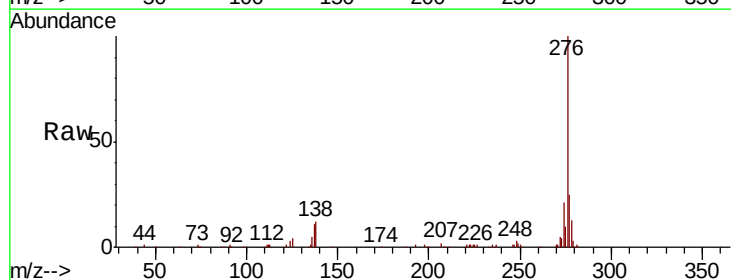


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

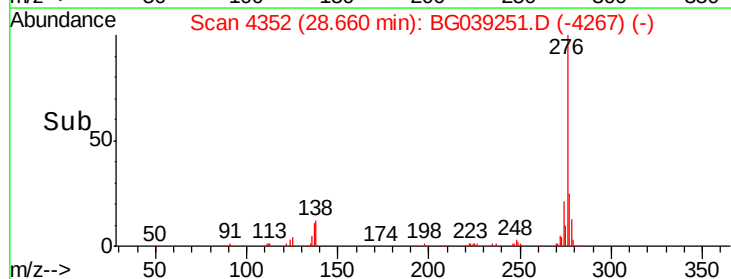
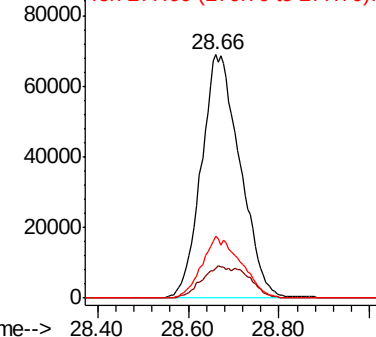


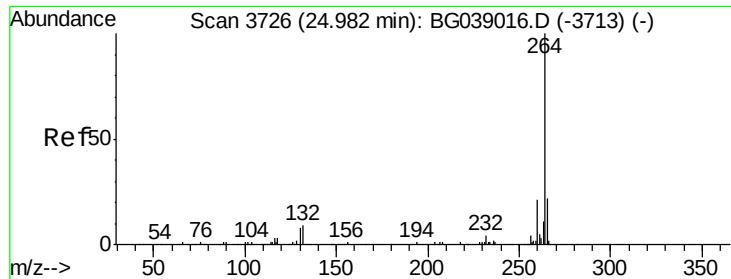
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.358 ng
RT: 28.66 min Scan# 4352
Delta R.T. -0.03 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	8.0	12.0
277	25.4	20.3	30.5



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



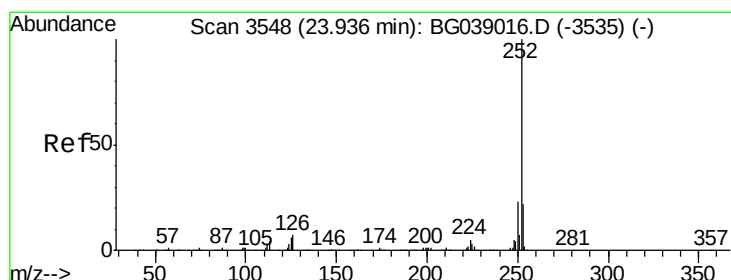
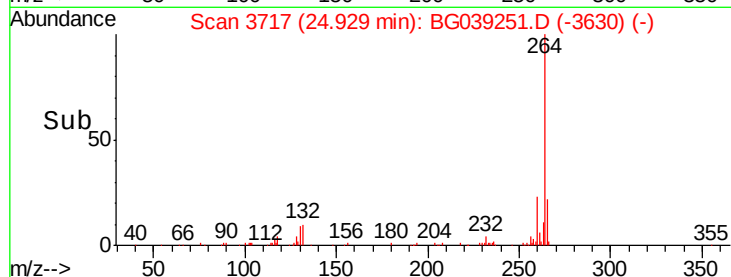
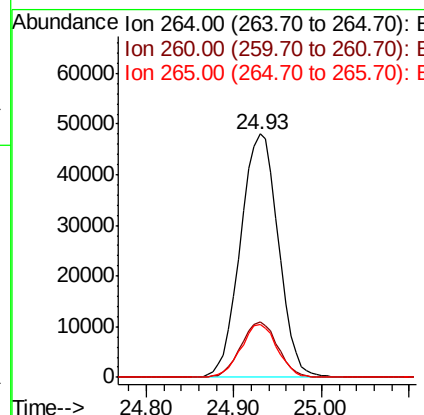
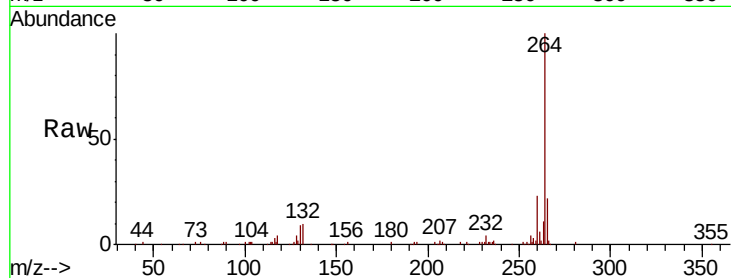


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Instrument :
BNA_G
ClientSampleId :
PB116551BS

Tot Ion:264 Resp: 141214

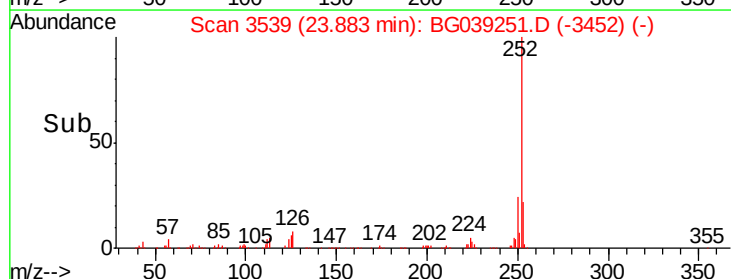
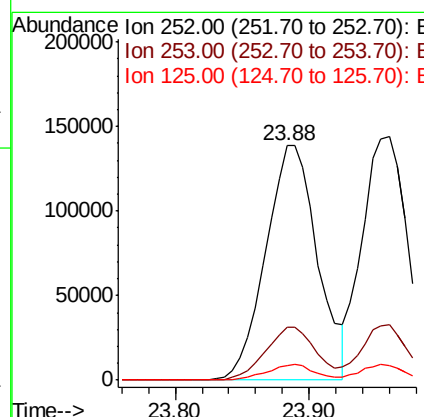
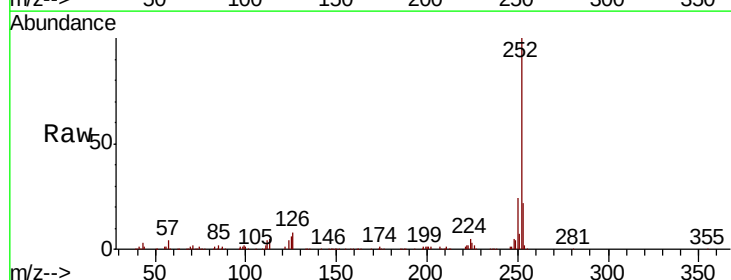
Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	21.6	17.2	25.8

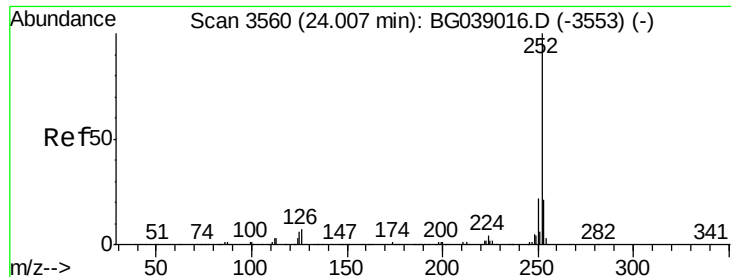


#88
Benzo(b)fluoranthene
Concen: 47.973 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG039251.D
Acq: 22 Jan 2019 15:08

Tgt Ion:252 Resp: 373544

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	6.1	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 44.059 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

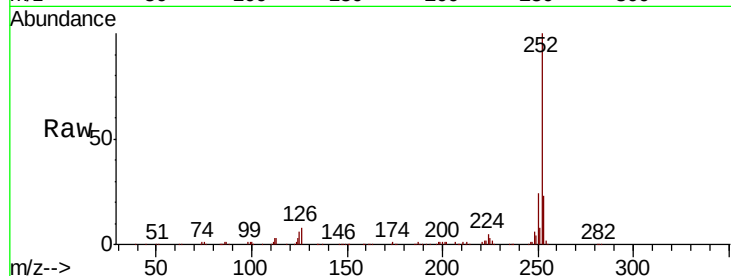
Tot Ion:252 Resp: 339199

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 6.2 4.6 7.0

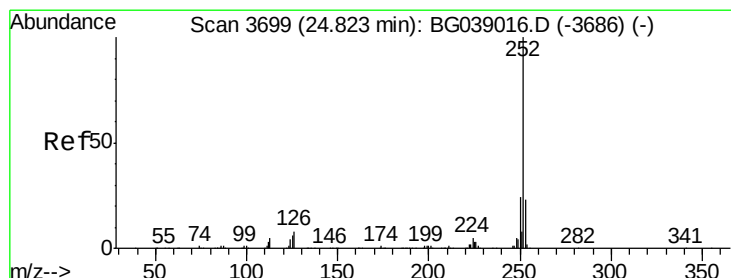
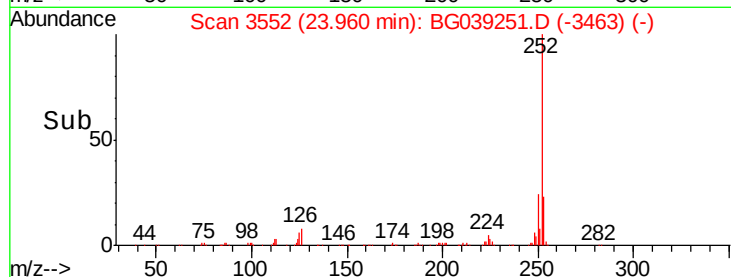
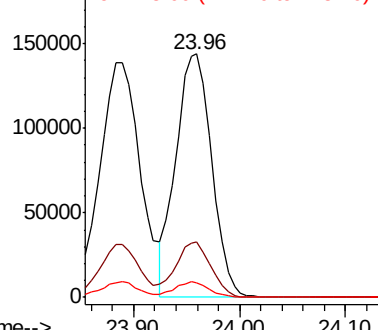


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.088 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

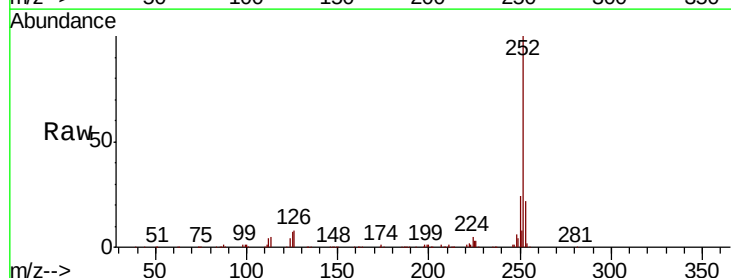
Tgt Ion:252 Resp: 361923

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

125 6.6 4.9 7.3

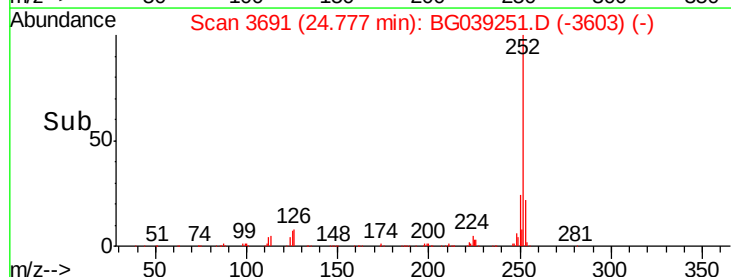
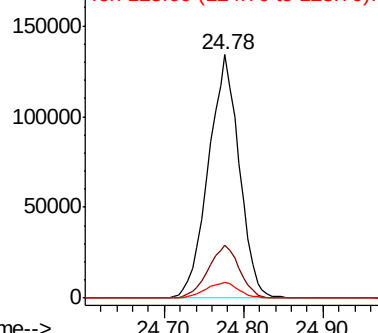


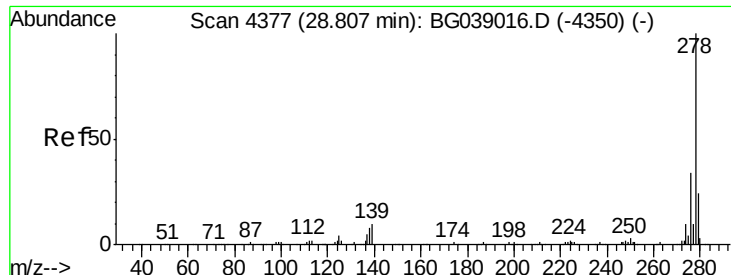
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.191 ng

RT: 28.73 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_G

ClientSampleId :

PB116551BS

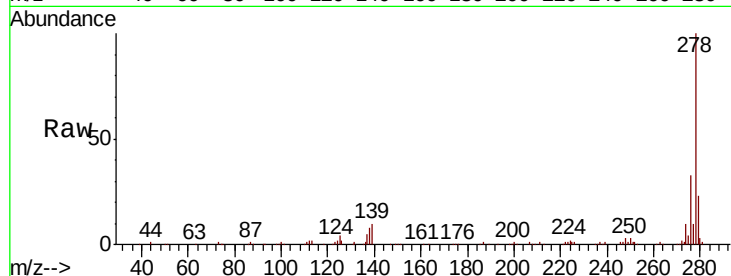
Tot Ion:278 Resp: 338305

Ion Ratio Lower Upper

278 100

139 10.4 7.9 11.9

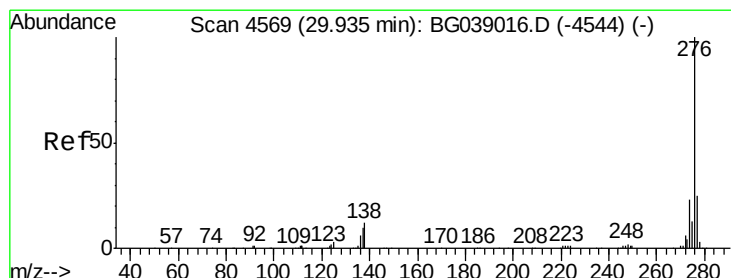
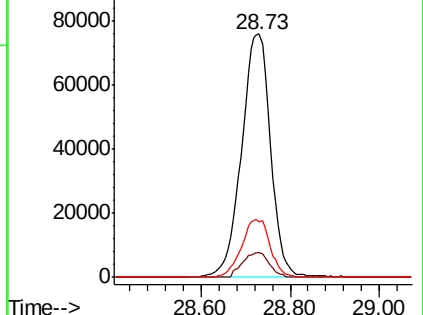
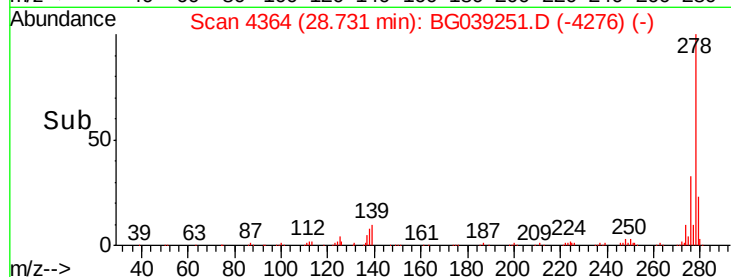
279 22.8 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.765 ng

RT: 29.85 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG039251.D

Acq: 22 Jan 2019 15:08

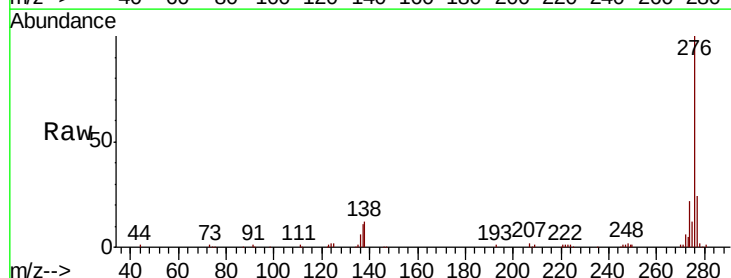
Tgt Ion:276 Resp: 331760

Ion Ratio Lower Upper

276 100

277 24.2 20.3 30.5

138 12.1 9.4 14.2



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

