

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041005.D
 Acq On : 1 Jun 2019 10:27
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 01:09:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	58108	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	248652	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	170064	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	414411	20.00	ng	0.00
76) Chrysene-d12	21.77	240	414074	20.00	ng	-0.01
87) Perylene-d12	25.11	264	439923	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	264357	82.04	ng	0.00
7) Phenol-d6	7.26	99	386290	77.62	ng	0.00
23) Nitrobenzene-d5	9.30	82	445344	79.51	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	199814	79.14	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	982076	83.16	ng	-0.01
79) Terphenyl-d14	20.09	244	1582795	81.13	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	59977	41.016	ng	99
3) Pyridine	3.93	79	177934	41.123	ng	97
4) n-Nitrosodimethylamine	3.85	42	85042	42.348	ng	92
6) Aniline	7.44	93	263799	39.711	ng	97
8) 2-Chlorophenol	7.68	128	152306	39.645	ng	97
9) Benzaldehyde	7.26	77	124514	41.941	ng	90
10) Phenol	7.29	94	202718	37.990	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	156270	40.369	ng	98
12) 1,3-Dichlorobenzene	8.01	146	187794	40.927	ng	95
13) 1,4-Dichlorobenzene	8.16	146	190887	41.099	ng	97
14) 1,2-Dichlorobenzene	8.48	146	180950	40.125	ng	98
15) Benzyl Alcohol	8.36	79	182946	39.739	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	262174	41.447	ng	97
17) 2-Methylphenol	8.55	107	148550	38.449	ng	95
18) Hexachloroethane	9.21	117	77014	43.022	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	148441	38.758	ng	96
20) 3+4-Methylphenols	8.88	107	203610	38.045	ng	99
22) Acetophenone	8.95	105	279297	40.042	ng	99
24) Nitrobenzene	9.34	77	226528	39.686	ng	100
25) Isophorone	9.86	82	414357	38.873	ng	99
26) 2-Nitrophenol	10.05	139	96136	40.855	ng	93
27) 2,4-Dimethylphenol	10.09	122	145275	37.381	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	227894	39.613	ng	97
29) 2,4-Dichlorophenol	10.58	162	185514	37.590	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	222498	39.632	ng	98
31) Naphthalene	11.00	128	519329	38.900	ng	98
32) Benzoic acid	10.22	122	116673	40.200	ng	92
33) 4-Chloroaniline	11.10	127	234472	37.852	ng	97
34) Hexachlorobutadiene	11.26	225	177770	41.383	ng	97
35) Caprolactam	11.90	113	58850	36.111	ng	94
36) 4-Chloro-3-methylphenol	12.20	107	202332	35.898	ng	99
37) 2-Methylnaphthalene	12.59	142	384268	37.372	ng	98
38) 1-Methylnaphthalene	12.81	142	364096	37.577	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	286143	41.745	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041005.D
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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 01:09:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	134771	41.047	ng	95
43) 2,4,6-Trichlorophenol	13.18	196	178927	40.351	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	183602	39.260	ng	97
46) 1,1'-Biphenyl	13.59	154	514529	40.873	ng	99
47) 2-Chloronaphthalene	13.64	162	444898	41.168	ng	99
48) 2-Nitroaniline	13.84	65	157363	40.589	ng	99
49) Acenaphthylene	14.48	152	653631	40.186	ng	100
50) Dimethylphthalate	14.20	163	565670	39.294	ng	99
51) 2,6-Dinitrotoluene	14.33	165	122140	39.350	ng	96
52) Acenaphthene	14.82	154	387921	39.369	ng	95
53) 3-Nitroaniline	14.67	138	123693	39.852	ng	98
54) 2,4-Dinitrophenol	14.87	184	53376	43.119	ng	99
55) Dibenzofuran	15.15	168	655265	39.522	ng	100
56) 4-Nitrophenol	14.95	139	85888	40.343	ng	85
57) 2,4-Dinitrotoluene	15.11	165	173288	39.523	ng	# 98
58) Fluorene	15.79	166	521655	39.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	182474	39.704	ng	97
60) Diethylphthalate	15.55	149	571935	38.930	ng	98
61) 4-Chlorophenyl-phenylether	15.78	204	337965	39.379	ng	95
62) 4-Nitroaniline	15.82	138	131579	40.043	ng	96
63) Azobenzene	16.08	77	522507	39.130	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	90342	41.992	ng	97
66) n-Nitrosodiphenylamine	16.00	169	465284	39.940	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	220764	39.474	ng	97
68) Hexachlorobenzene	16.79	284	234423	39.364	ng	98
69) Atrazine	16.94	200	186967	41.594	ng	94
70) Pentachlorophenol	17.13	266	126839	41.899	ng	97
71) Phenanthrene	17.54	178	860780	39.877	ng	100
72) Anthracene	17.63	178	852425	40.039	ng	100
73) Carbazole	17.90	167	745459	40.808	ng	99
74) Di-n-butylphthalate	18.43	149	910981	40.124	ng	99
75) Fluoranthene	19.54	202	1086387	40.746	ng	99
77) Benzidine	19.72	184	437662	44.307	ng	97
78) Pyrene	19.91	202	1091276	40.541	ng	99
80) Butylbenzylphthalate	20.77	149	424640	40.538	ng	99
81) Benzo(a)anthracene	21.76	228	1104151	40.059	ng	100
82) 3,3'-Dichlorobenzidine	21.67	252	394112	40.652	ng	99
83) Chrysene	21.83	228	1052098	39.887	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	586428	39.768	ng	99
85) Di-n-octyl phthalate	22.87	149	968745	39.446	ng	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1273569	39.416	ng	# 98
88) Benzo(b)fluoranthene	24.05	252	1070122	40.105	ng	99
89) Benzo(k)fluoranthene	24.12	252	1061997	40.220	ng	99
90) Benzo(a)pyrene	24.96	252	1018811	40.020	ng	95
91) Dibenzo(a,h)anthracene	29.02	278	1023460	40.235	ng	98
92) Benzo(g,h,i)perylene	30.16	276	1019015	41.234	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

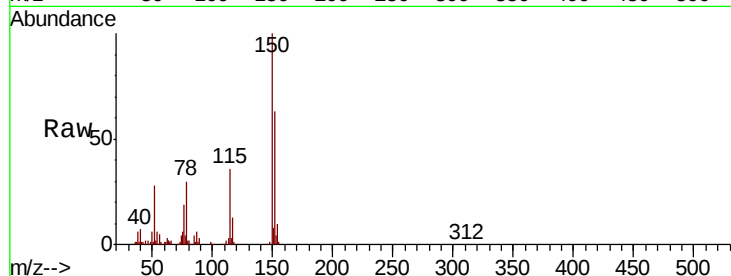
Tot Ion:152 Resp: 58108

Ion Ratio Lower Upper

152 100

150 158.3 120.6 180.8

115 57.3 45.1 67.7

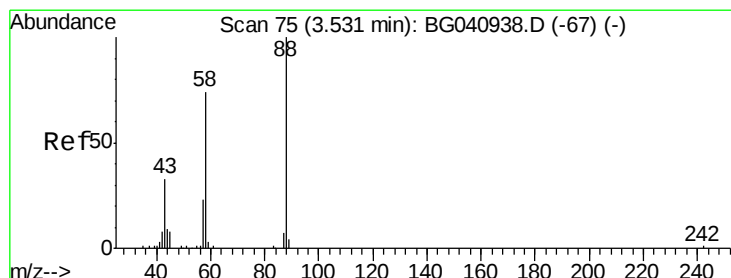
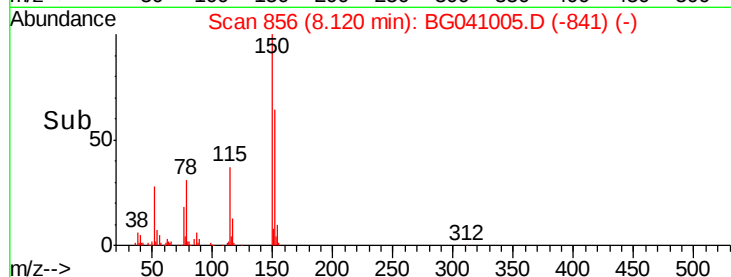
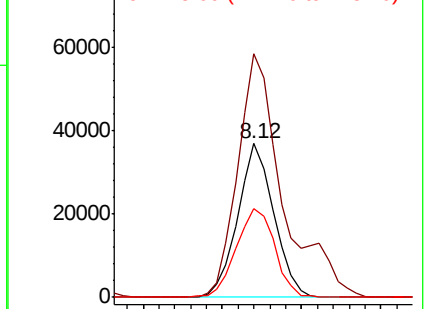


Abundance

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: 41.016 ng

RT: 3.53 min Scan# 74

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

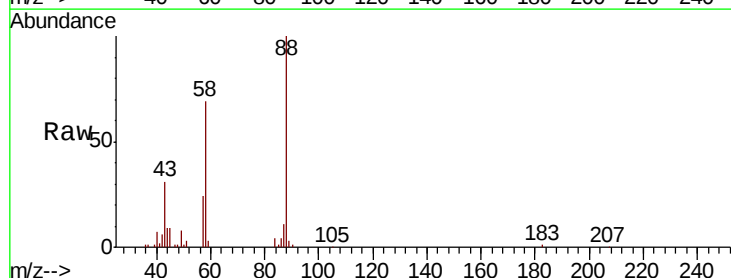
Tgt Ion: 88 Resp: 59977

Ion Ratio Lower Upper

88 100

58 75.3 59.0 88.6

43 34.4 27.2 40.8

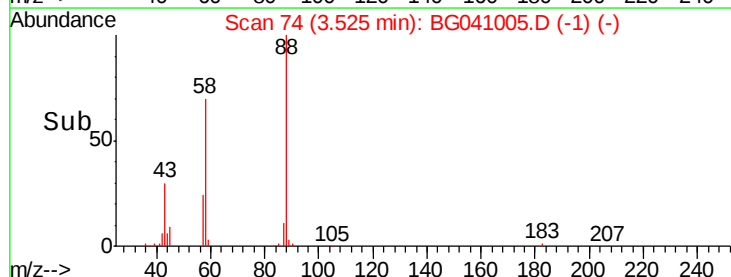
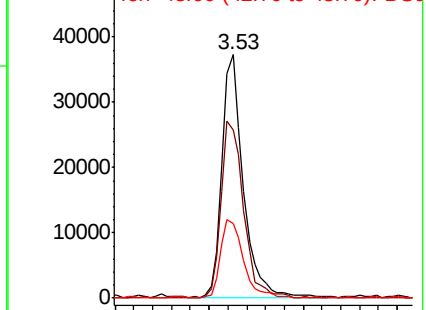


Abundance

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: 41.123 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

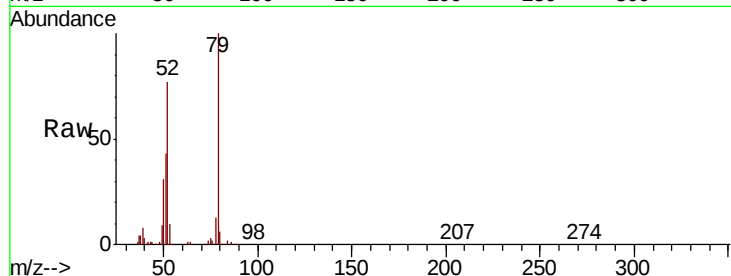
Tot Ion: 79 Resp: 177934

Ion Ratio Lower Upper

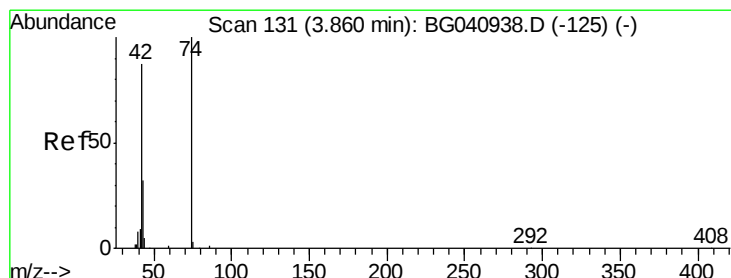
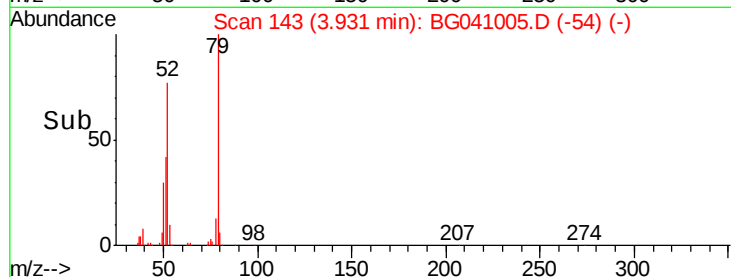
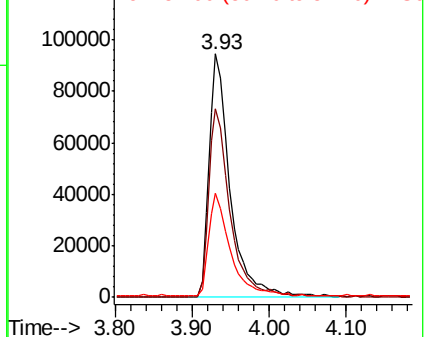
79 100

52 77.4 64.8 97.2

51 42.9 35.3 52.9



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: 42.348 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

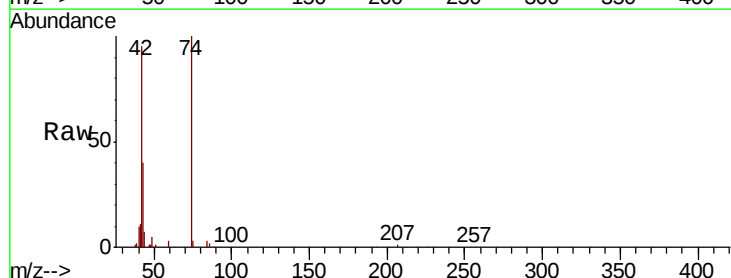
Tgt Ion: 42 Resp: 85042

Ion Ratio Lower Upper

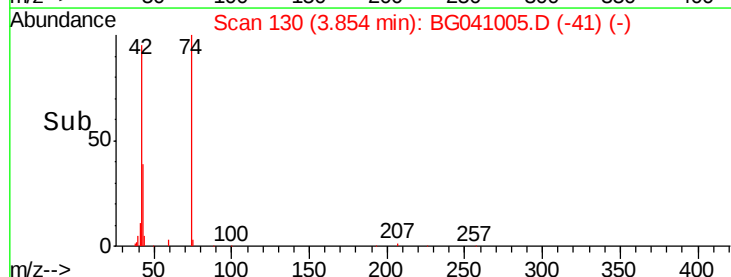
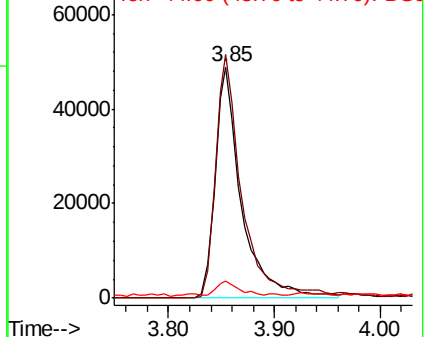
42 100

74 105.2 91.8 137.6

44 7.4 6.0 9.0



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: 82.035 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

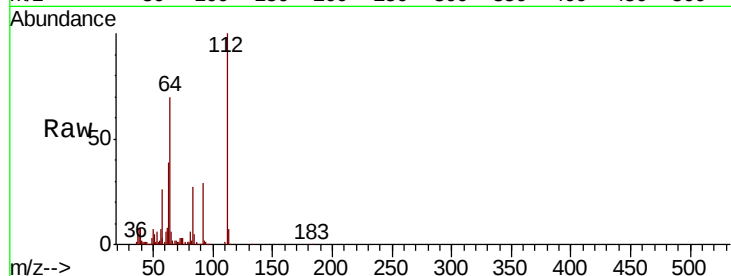
Tot Ion:112 Resp: 264357

Ion Ratio Lower Upper

112 100

64 69.8 56.2 84.2

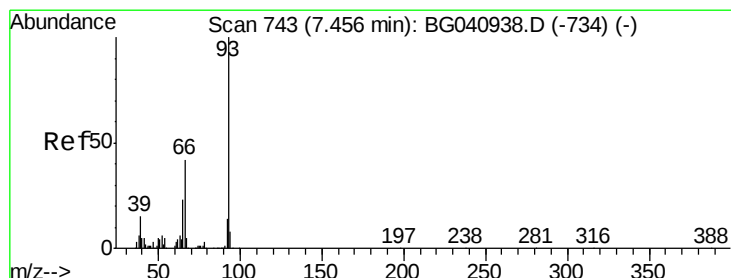
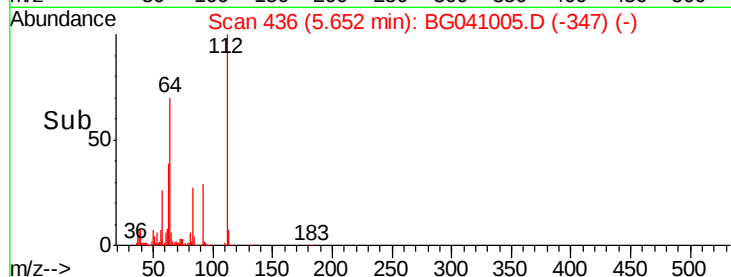
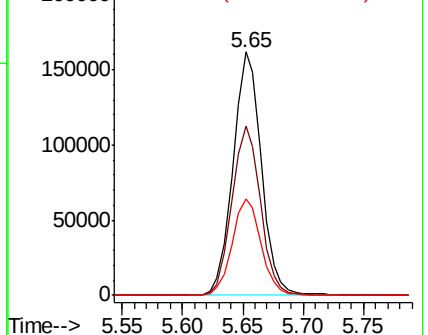
63 39.4 32.8 49.2



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: 39.711 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

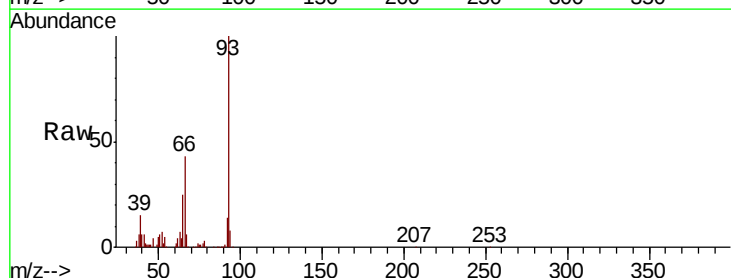
Tgt Ion: 93 Resp: 263799

Ion Ratio Lower Upper

93 100

66 43.3 33.8 50.8

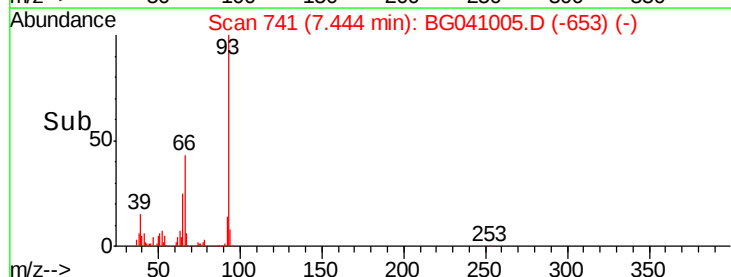
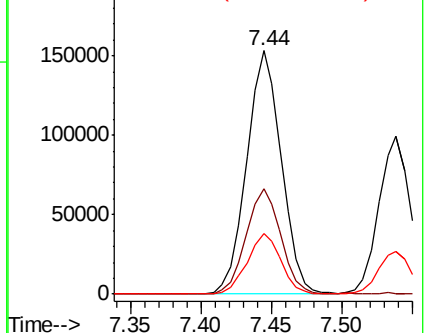
65 25.1 18.3 27.5

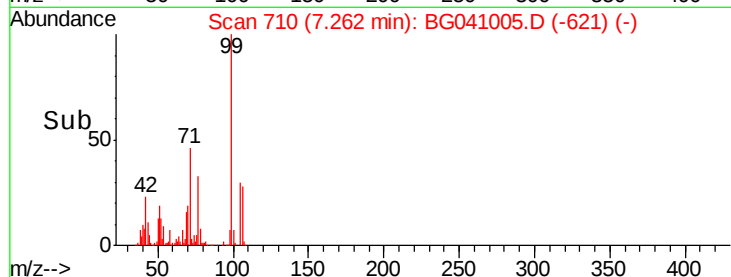
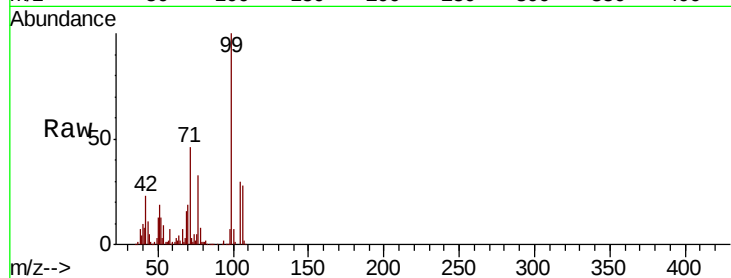
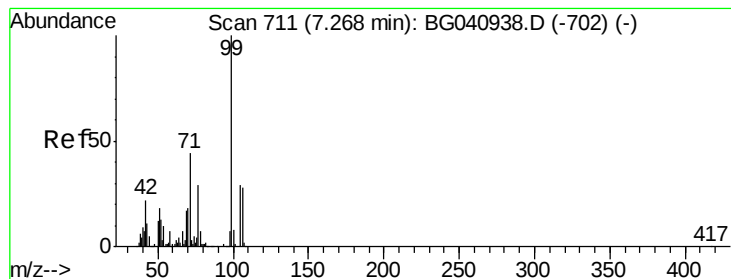


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.619 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

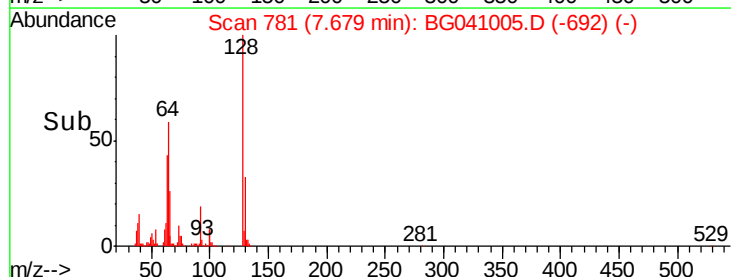
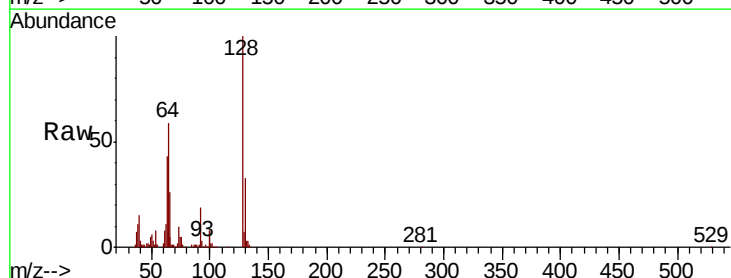
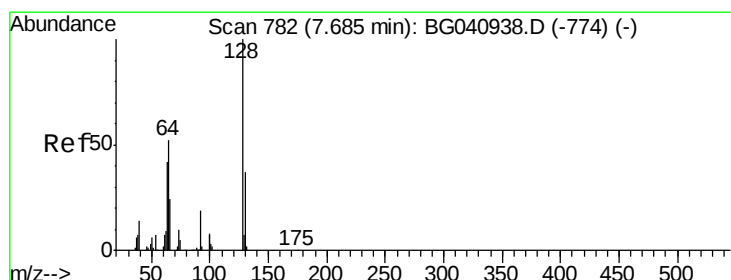
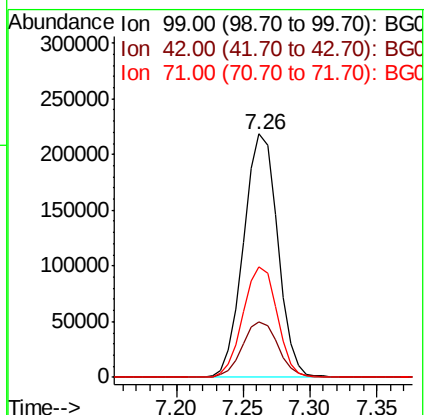
Tot Ion: 99 Resp: 386290

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 45.6 35.4 53.0



#8

2-Chlorophenol

Concen: 39.645 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

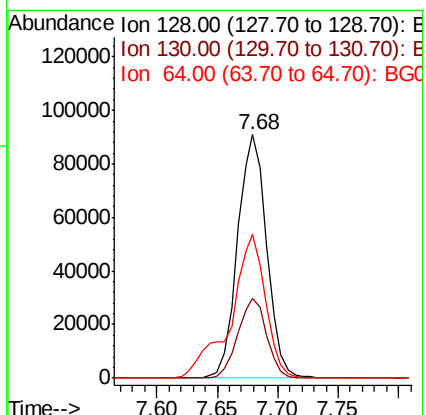
Tgt Ion: 128 Resp: 152306

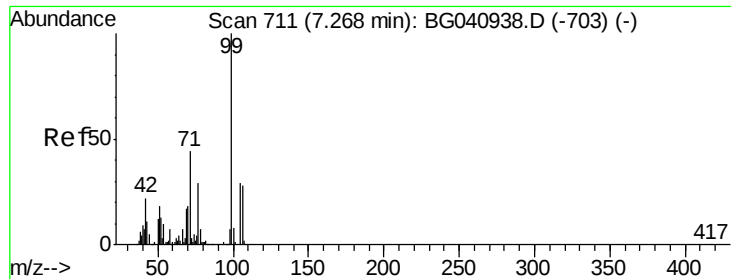
Ion Ratio Lower Upper

128 100

130 33.0 16.6 56.6

64 58.9 37.8 77.8





#9

Benzaldehyde

Concen: 41.941 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

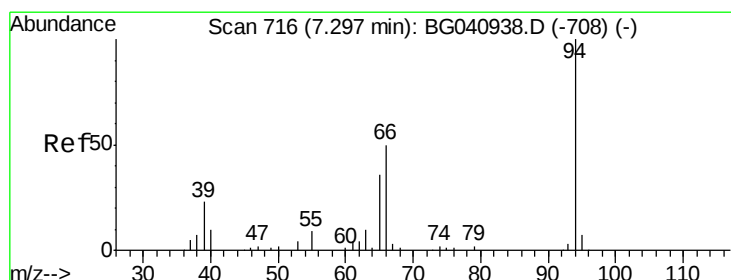
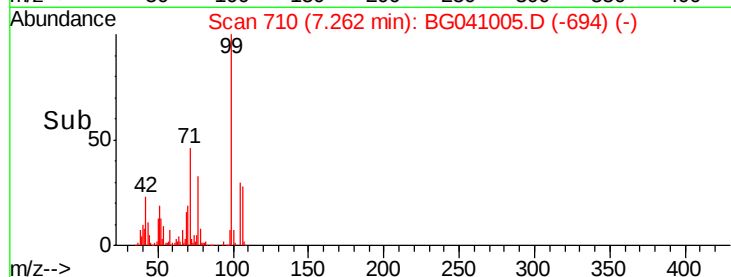
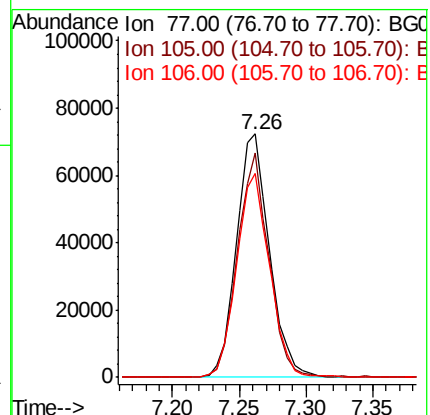
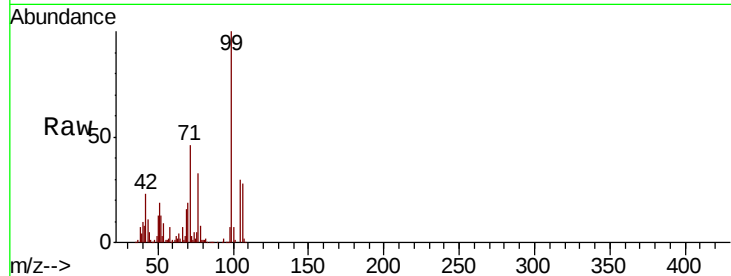
Tot Ion: 77 Resp: 124514

Ion Ratio Lower Upper

77 100

105 91.9 78.9 118.9

106 83.8 76.7 116.7



#10

Phenol

Concen: 37.990 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

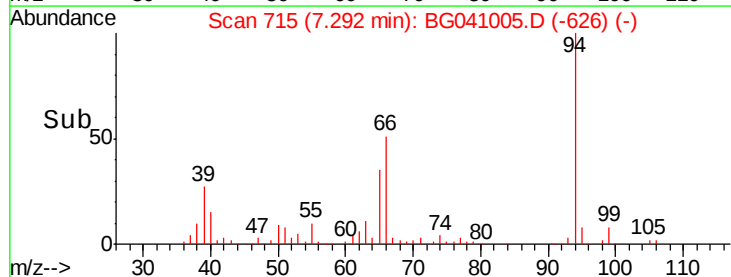
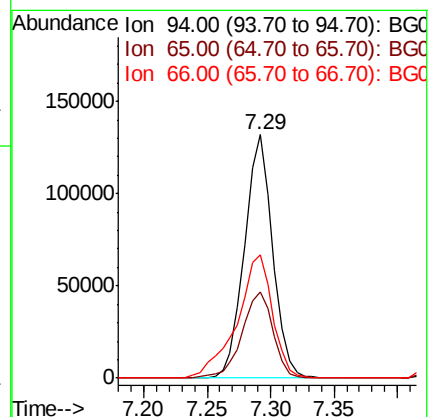
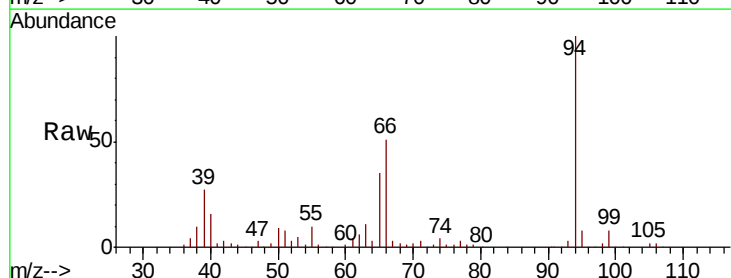
Tgt Ion: 94 Resp: 202718

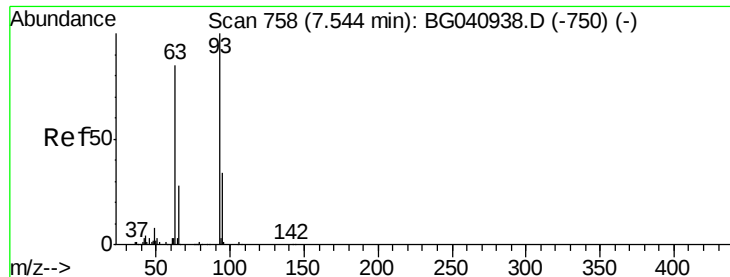
Ion Ratio Lower Upper

94 100

65 35.1 17.0 57.0

66 50.7 32.4 72.4

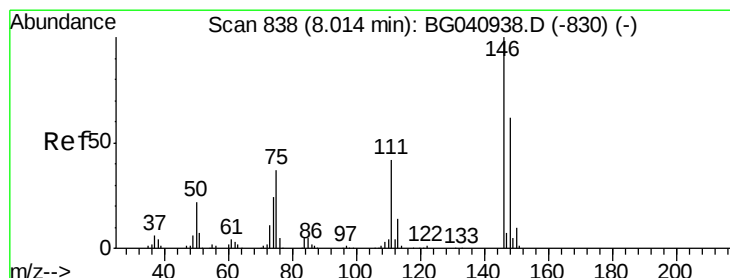
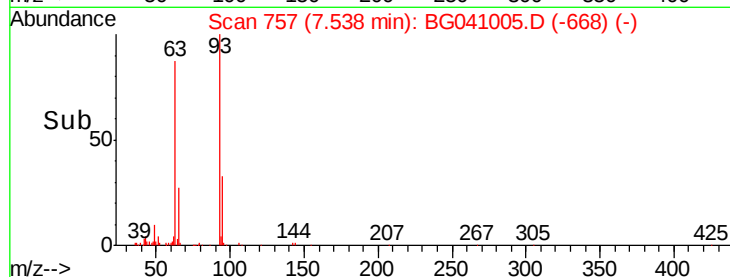
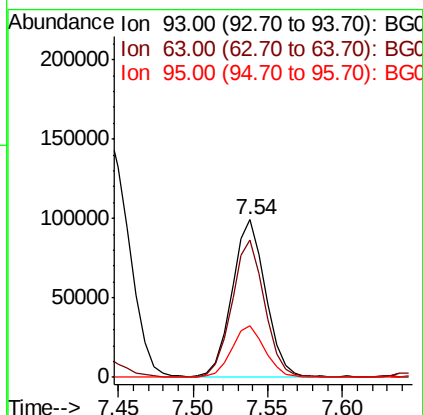
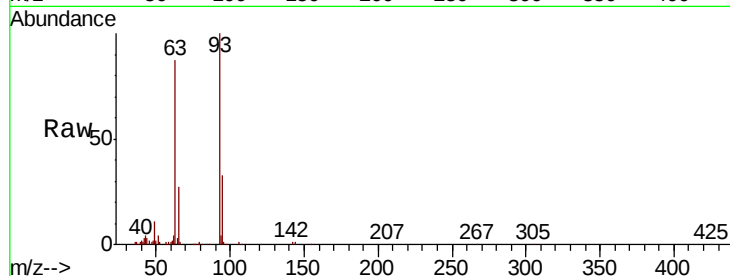




#11
bis(2-Chloroethyl)ether
Concen: 40.369 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

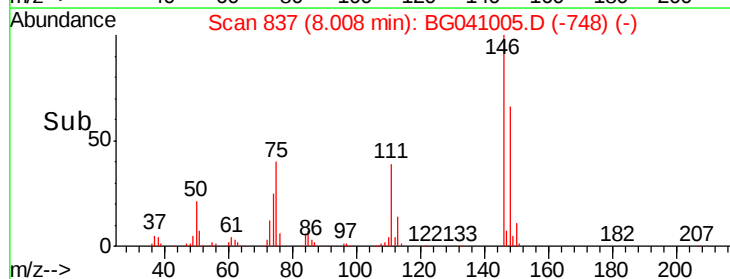
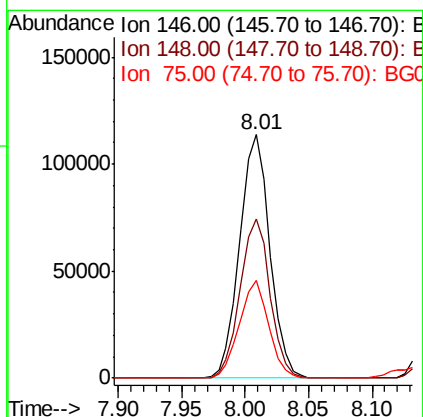
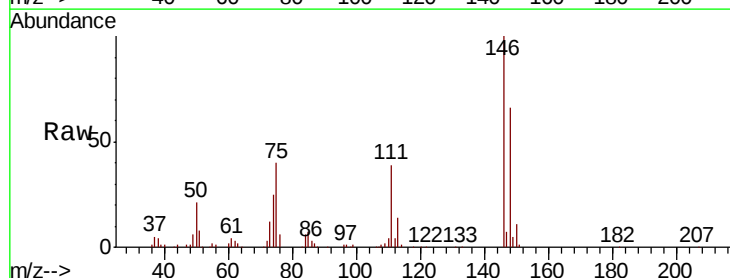
Instrument :
BNA_G
ClientSampleId :

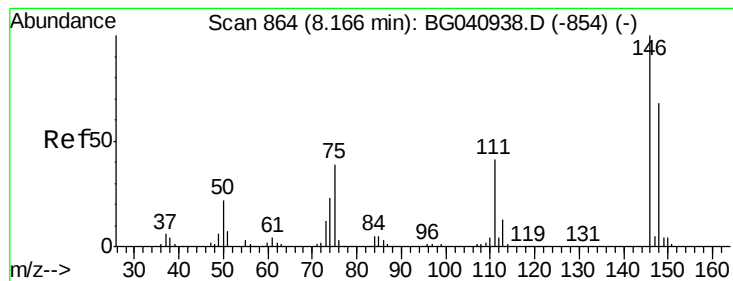
Tot Ion: 93 Resp: 156270
Ion Ratio Lower Upper
93 100
63 86.9 64.5 104.5
95 32.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.927 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion: 146 Resp: 187794
Ion Ratio Lower Upper
146 100
148 65.6 49.2 73.8
75 40.0 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 41.099 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

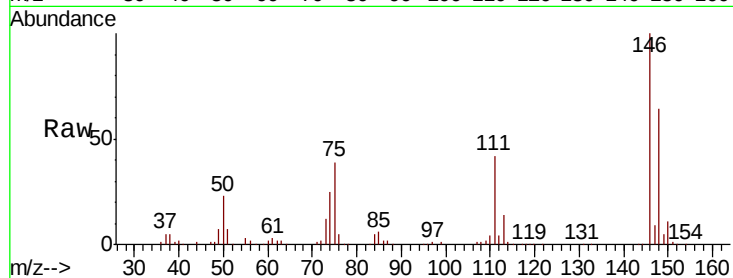
Tot Ion:146 Resp: 190887

Ion Ratio Lower Upper

146 100

148 64.0 54.2 81.4

111 41.9 32.9 49.3

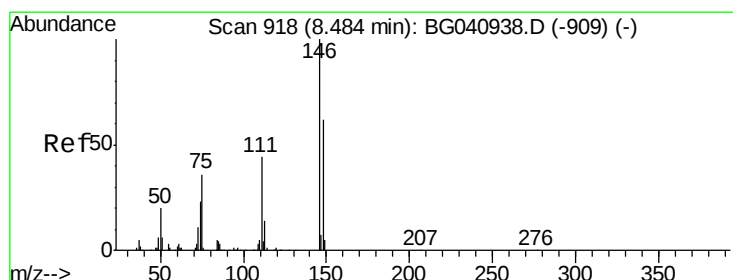
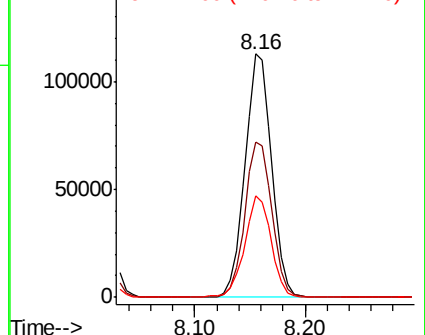
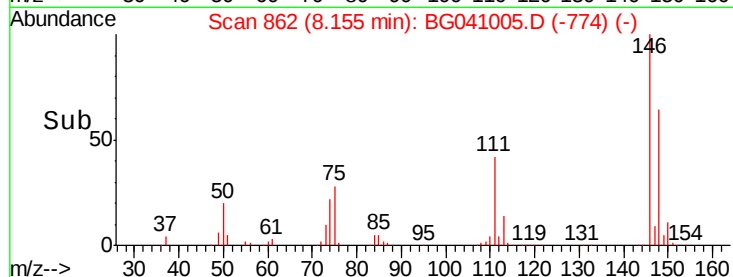


Abundance

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: 40.125 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

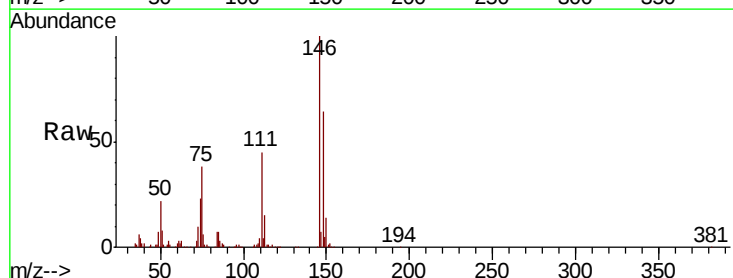
Tgt Ion:146 Resp: 180950

Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.6

111 44.8 35.0 52.4

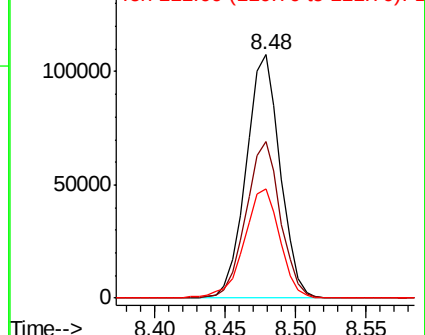
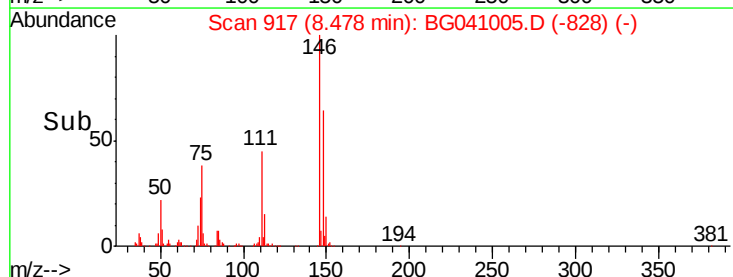


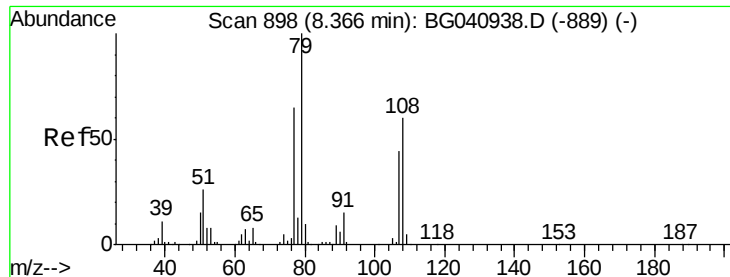
Abundance

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: 39.739 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampled :

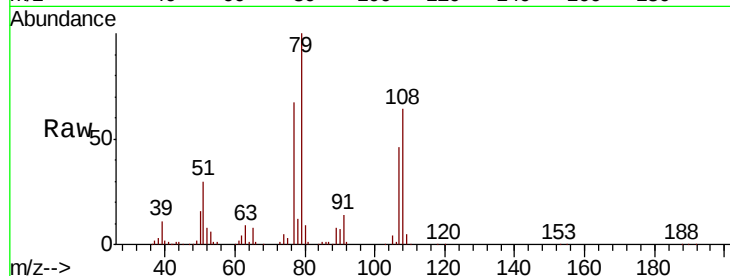
Tot Ion: 79 Resp: 182946

Ion Ratio Lower Upper

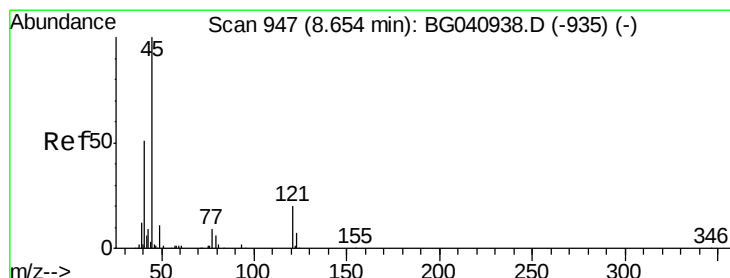
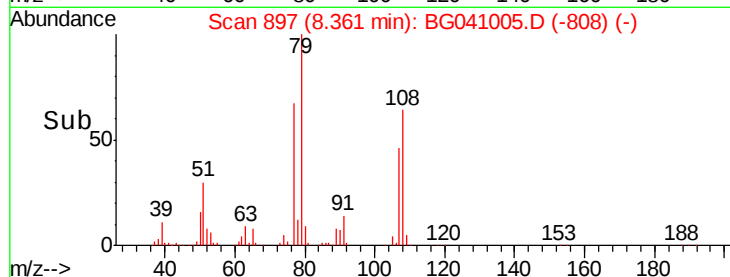
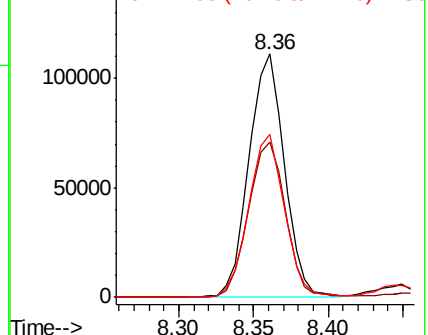
79 100

108 64.0 48.3 72.5

77 67.1 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.447 ng

RT: 8.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

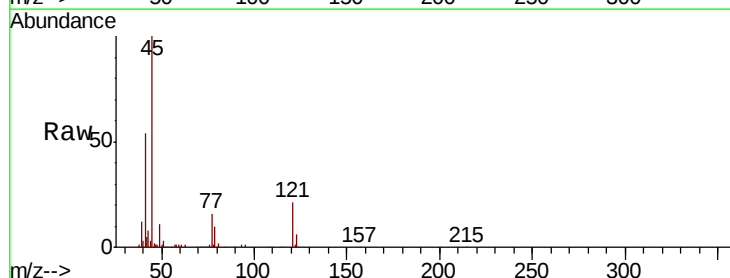
Tgt Ion: 45 Resp: 262174

Ion Ratio Lower Upper

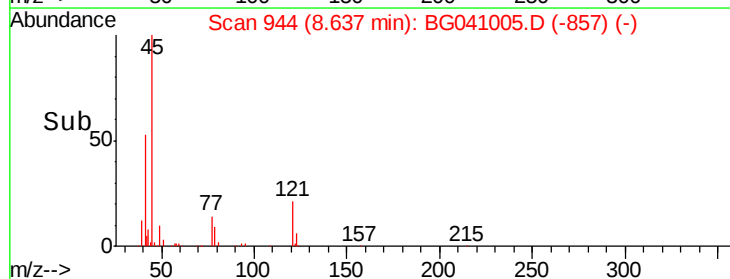
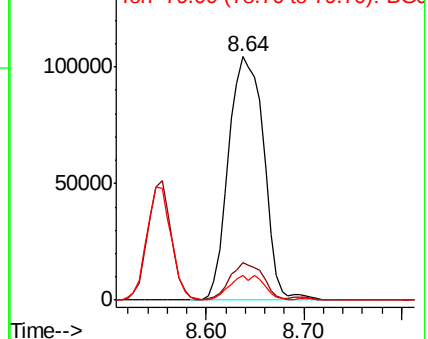
45 100

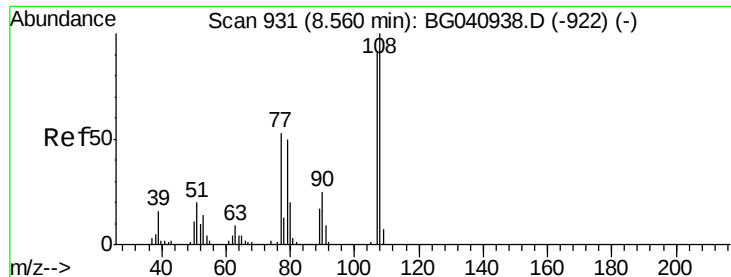
77 15.5 0.0 33.7

79 10.3 0.0 30.2



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





#17

2-Methylphenol

Concen: 38.449 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 148550

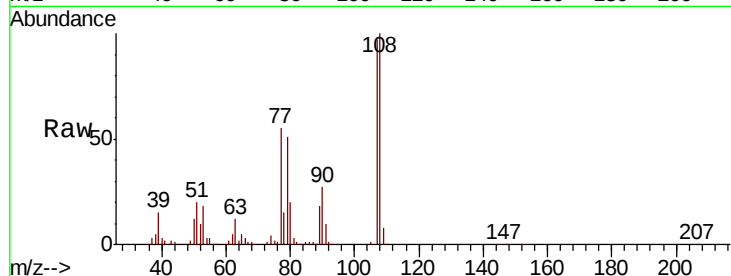
Ion Ratio Lower Upper

107 100

108 103.3 87.7 131.5

77 56.4 46.6 70.0

79 52.8 44.6 66.8



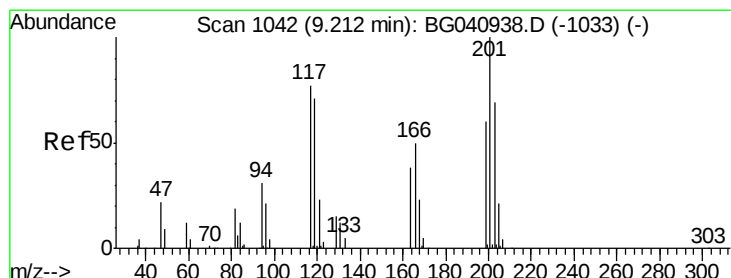
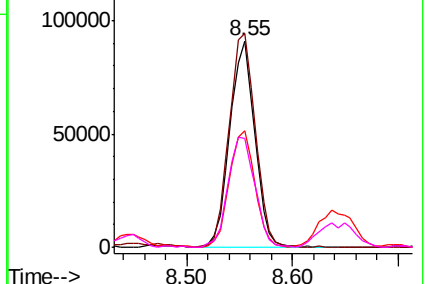
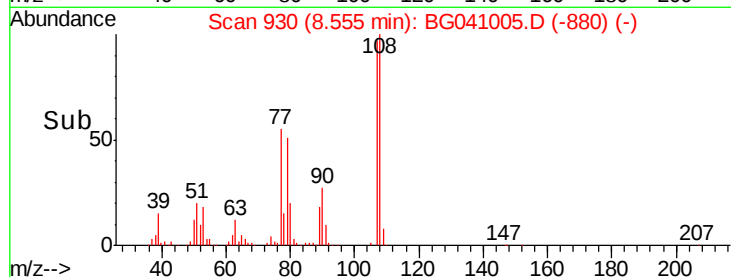
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.022 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

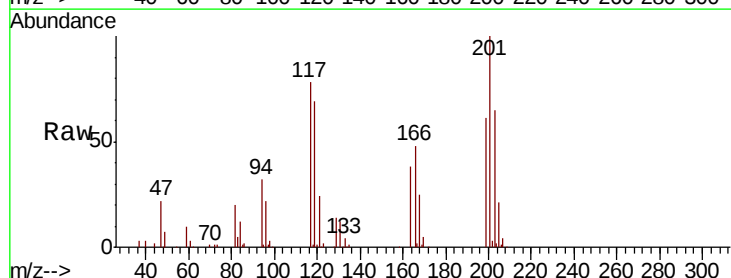
Tgt Ion:117 Resp: 77014

Ion Ratio Lower Upper

117 100

119 88.7 75.0 112.6

201 131.4 103.5 155.3

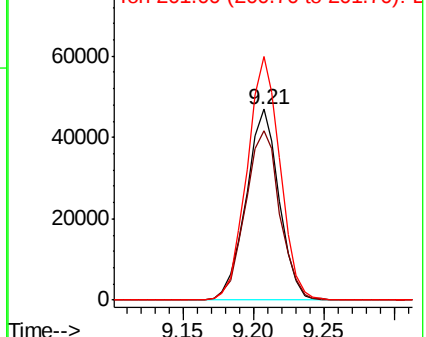
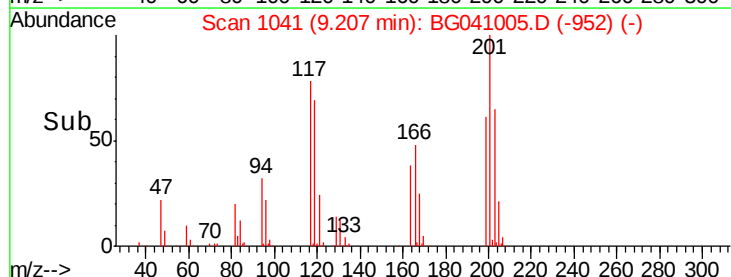


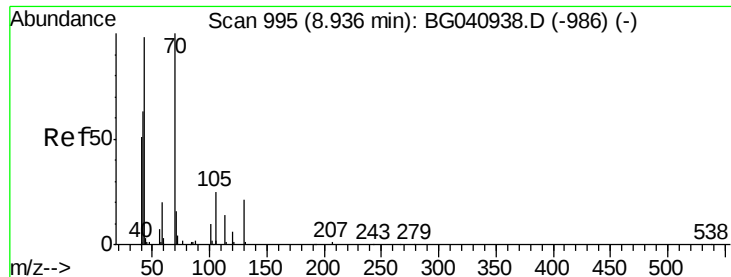
Abundance

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: 38.758 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 148441

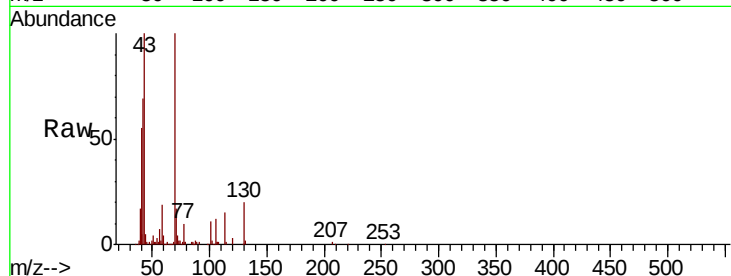
Ion Ratio Lower Upper

70 100

42 69.0 51.5 77.3

101 11.1 8.1 12.1

130 20.5 16.6 24.8

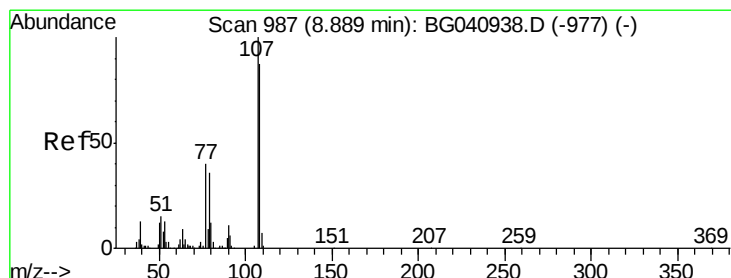
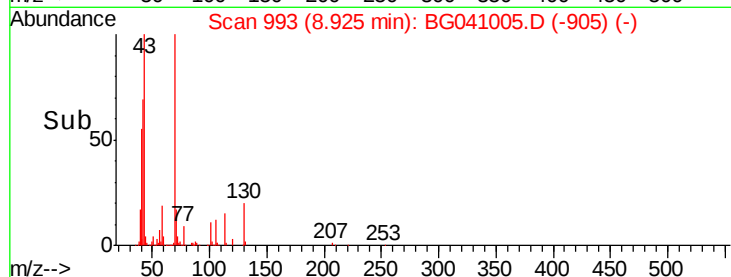
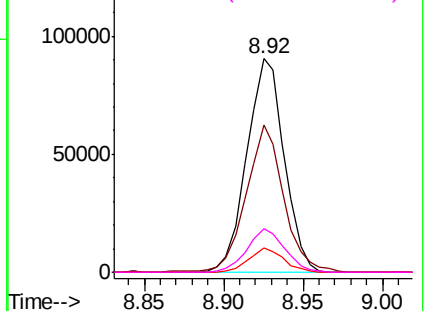


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.045 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Tgt Ion: 107 Resp: 203610

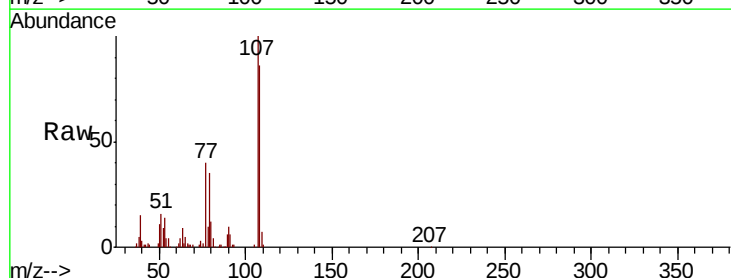
Ion Ratio Lower Upper

107 100

108 85.6 66.8 106.8

77 40.1 20.5 60.5

79 35.3 15.8 55.8

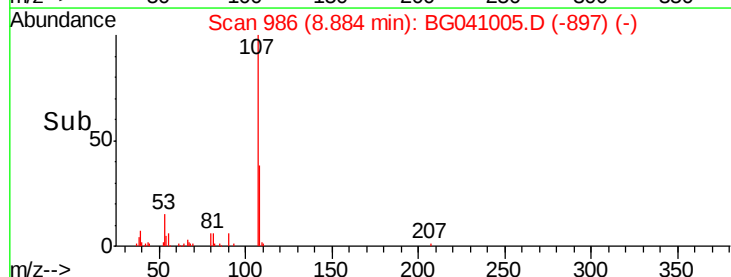
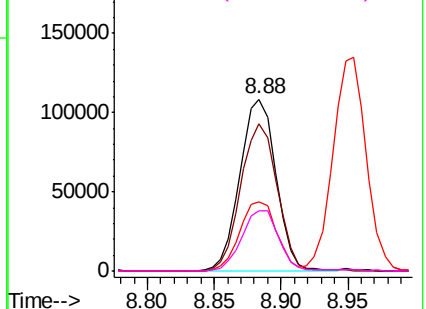


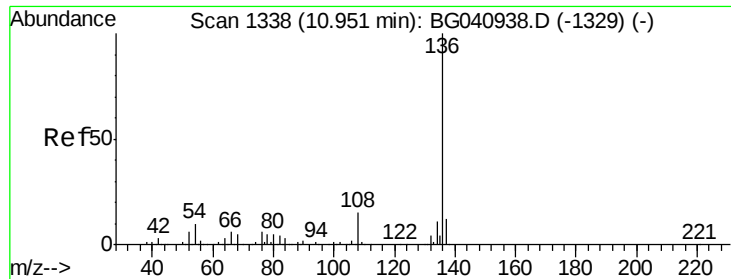
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

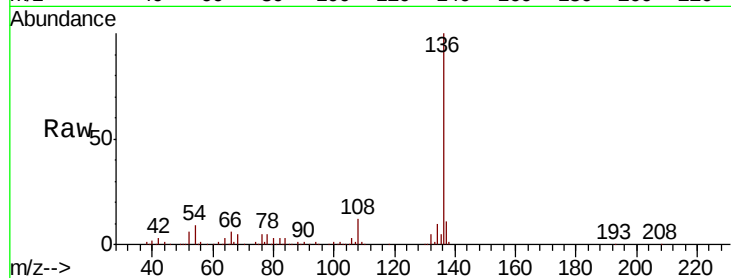




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	248652
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.5 14.3
54	8.6	7.6 11.4
68	4.9	3.9 5.9



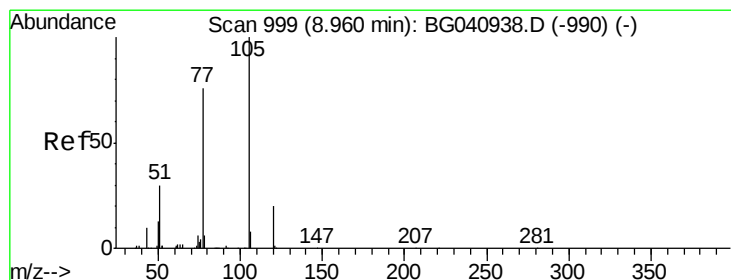
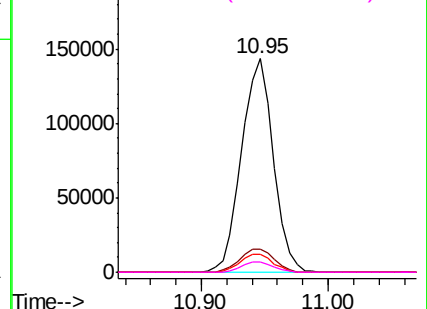
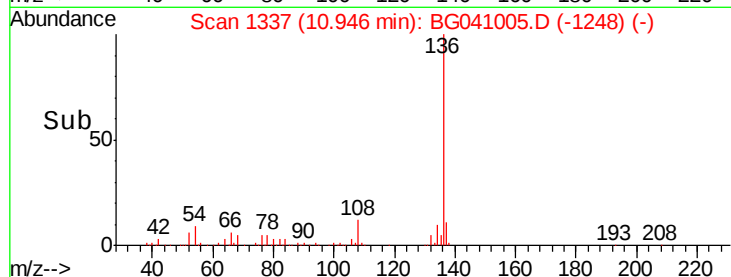
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

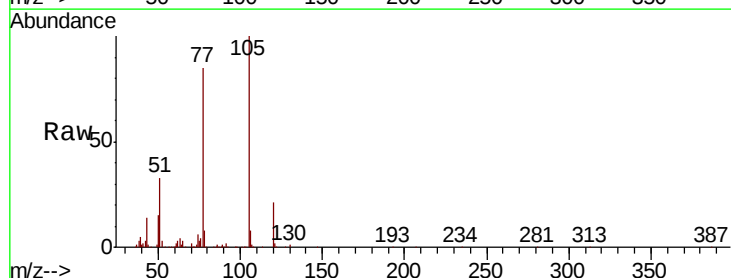
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.042 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion:105	Resp:	279297
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	33.3	27.0 40.6
120	21.4	16.2 24.4



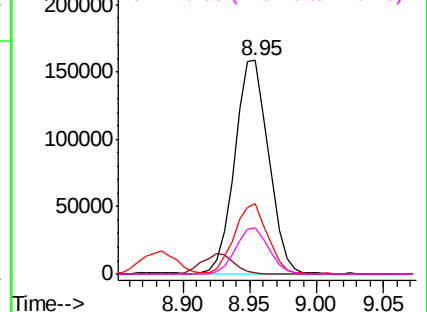
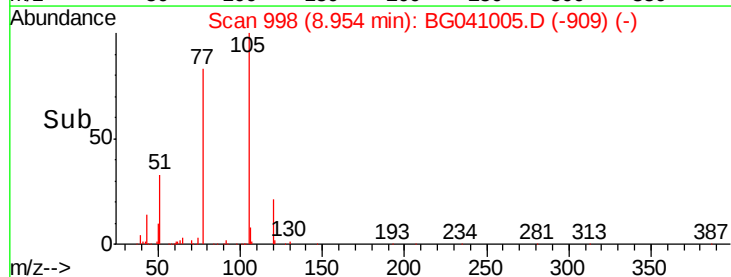
Abundance

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

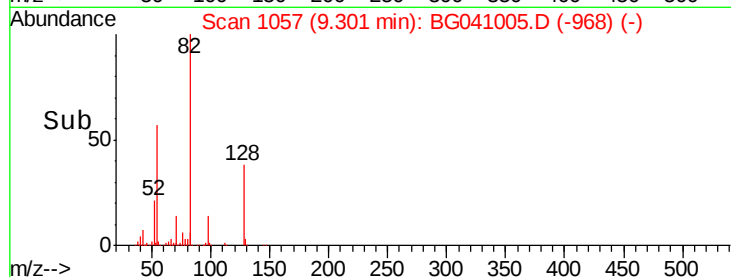
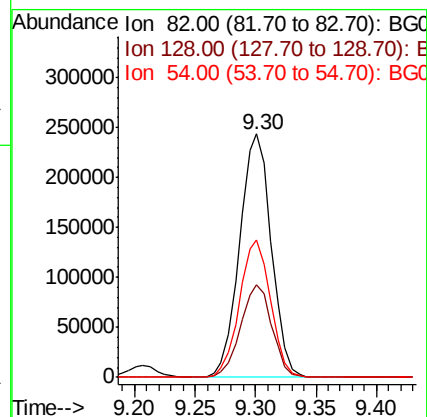
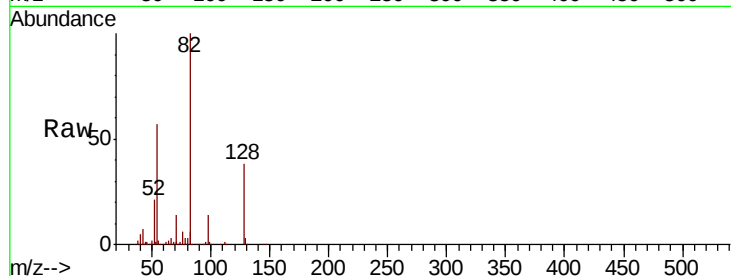




#23
 Nitrobenzene-d5
 Concen: 79.510 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

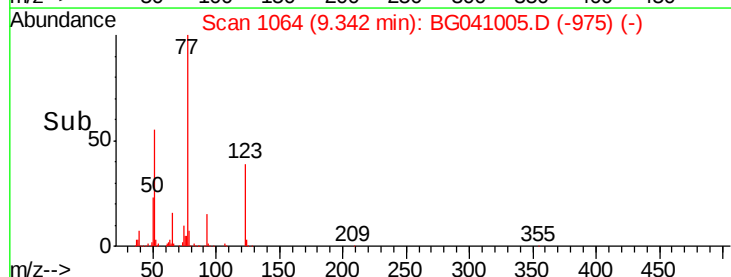
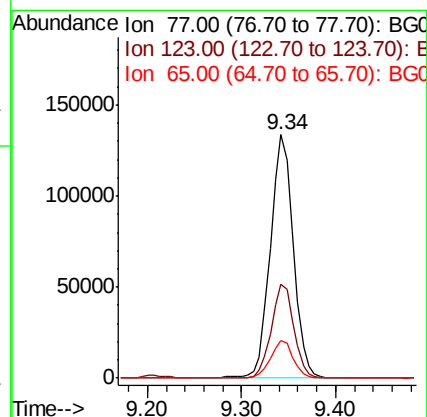
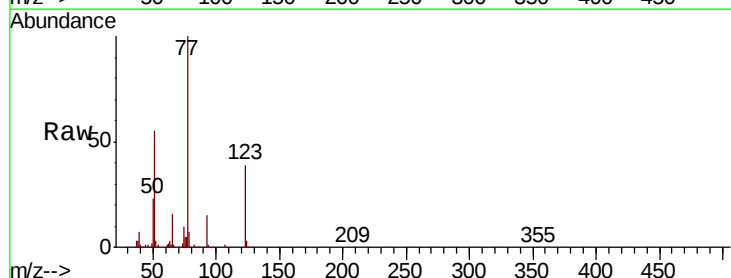
Instrument :
 BNA_G
 ClientSampleId :

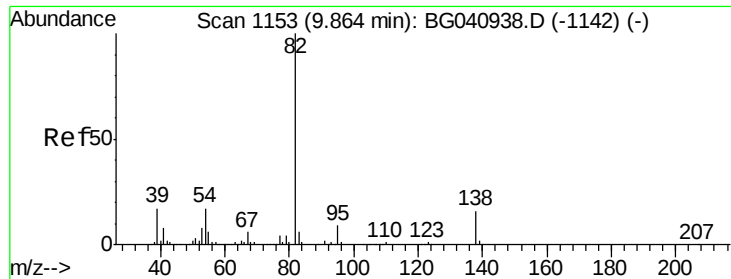
Tot Ion	82	Resp	445344
Ion Ratio	100	Lower	Upper
128	37.9	30.5	45.7
54	56.6	44.6	66.8



#24
 Nitrobenzene
 Concen: 39.686 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Tgt Ion	77	Resp	226528
Ion Ratio	100	Lower	Upper
123	38.6	30.6	46.0
65	15.6	12.3	18.5





#25

Isophorone

Concen: 38.873 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

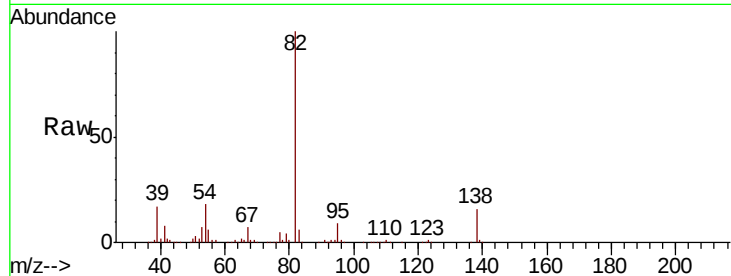
Tot Ion: 82 Resp: 414357

Ion Ratio Lower Upper

82 100

95 9.2 7.0 10.4

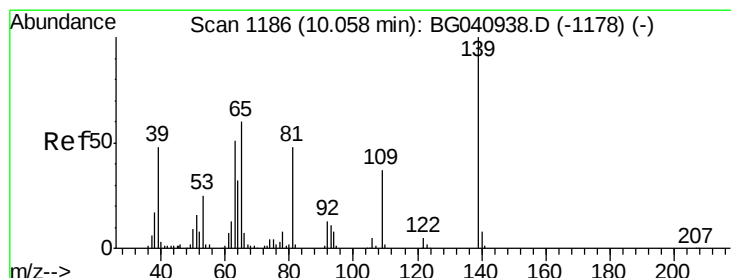
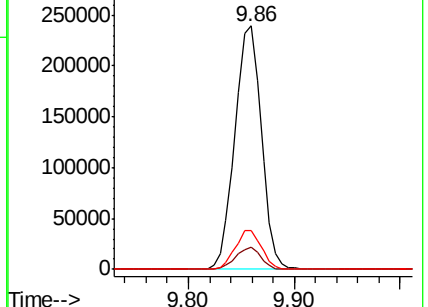
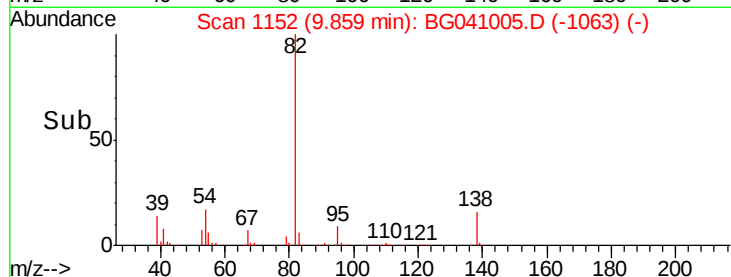
138 15.7 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG041005.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG041005.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG041005.D (-1142) (-)



#26

2-Nitrophenol

Concen: 40.855 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

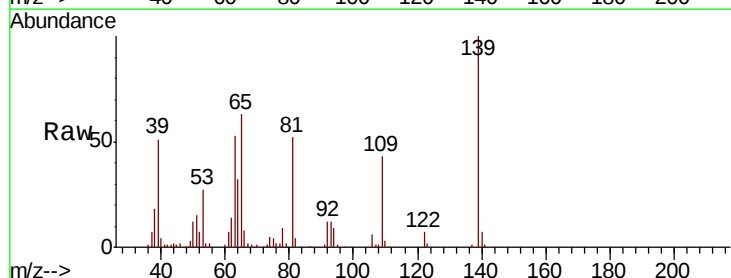
Tgt Ion: 139 Resp: 96136

Ion Ratio Lower Upper

139 100

109 43.2 29.8 44.6

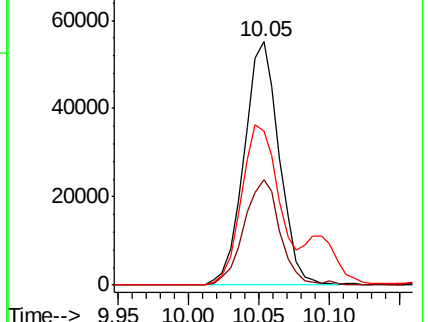
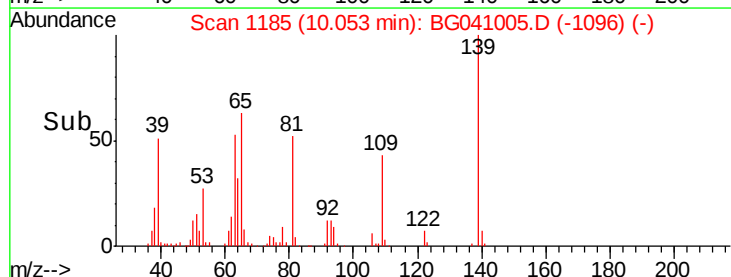
65 63.2 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BG041005.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG041005.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG041005.D (-1178) (-)

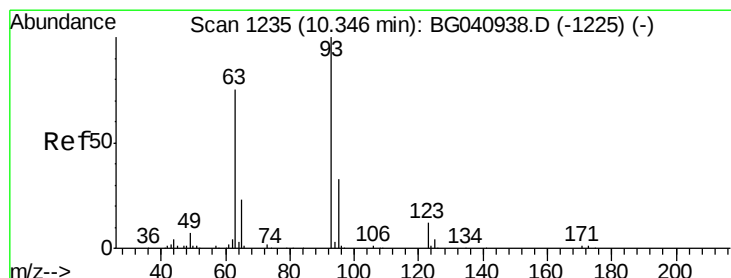
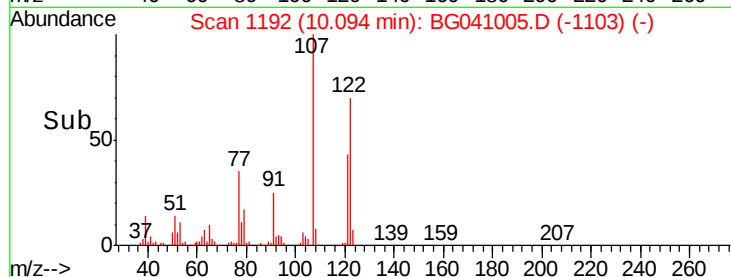
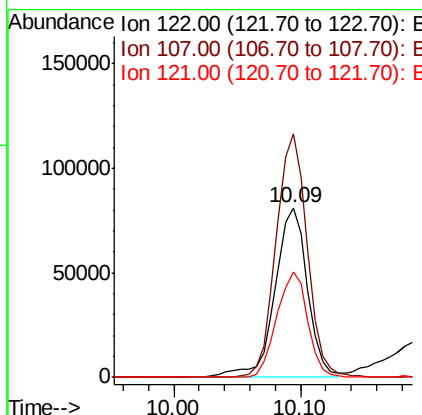
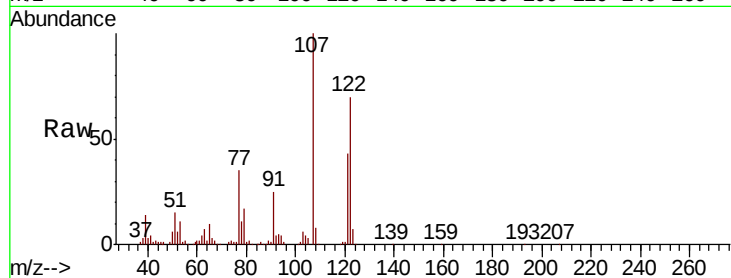




#27
2,4-Dimethylphenol
Concen: 37.381 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

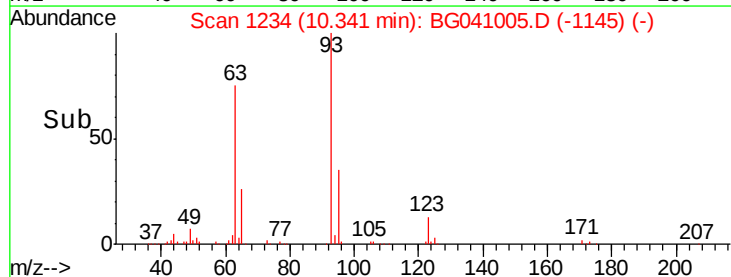
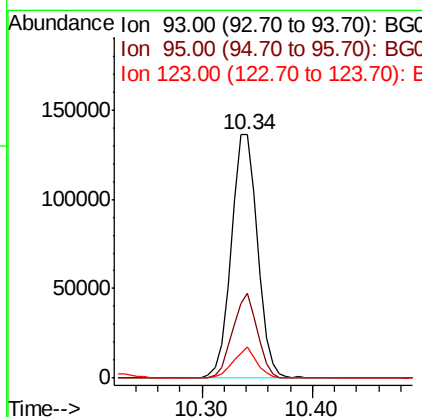
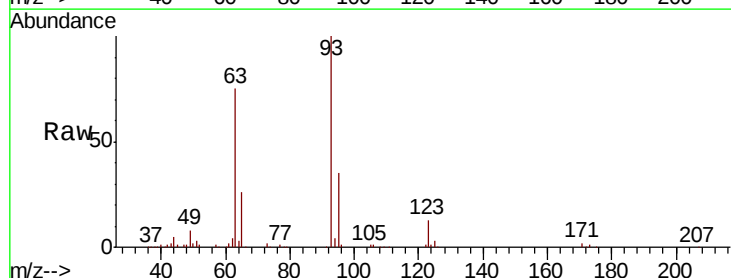
Instrument :
BNA_G
ClientSampleId :

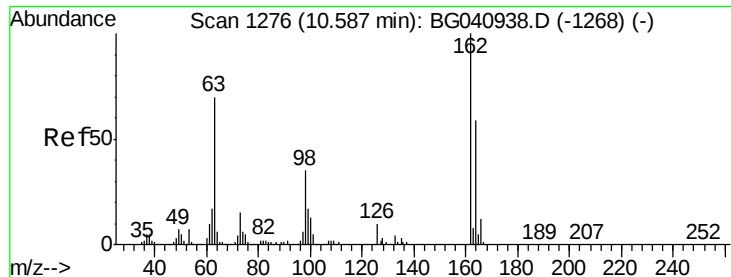
Tot Ion	122	Resp	145275
Ion Ratio	Lower	Upper	
122	100		
107	143.5	105.9	158.9
121	62.4	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.613 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion	93	Resp	227894
Ion Ratio	Lower	Upper	
93	100		
95	34.8	26.2	39.2
123	12.6	9.5	14.3

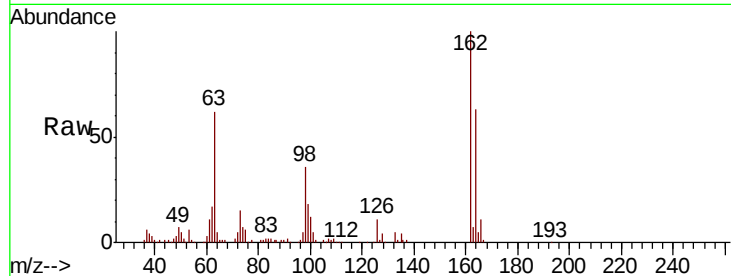




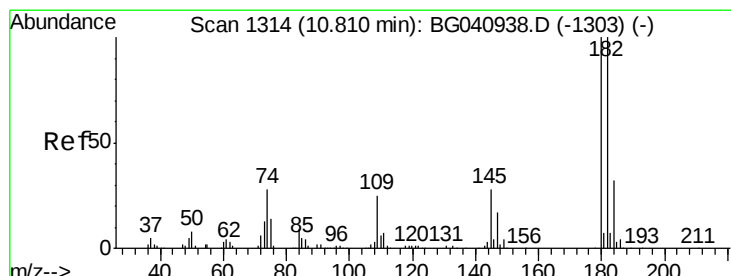
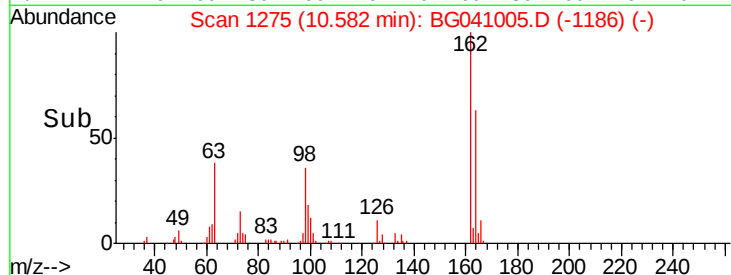
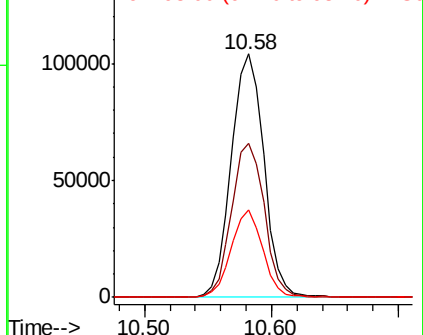
#29
 2,4-Dichlorophenol
 Concen: 37.590 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	39.4	79.4
98	35.7	15.3	55.3

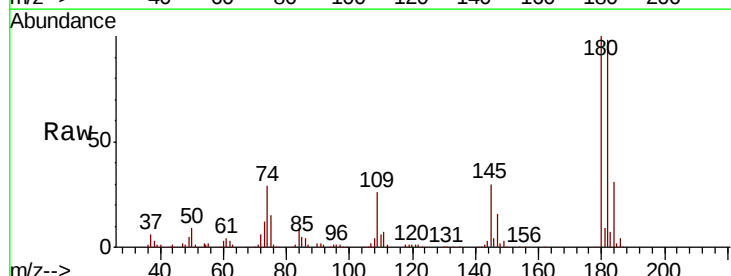


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

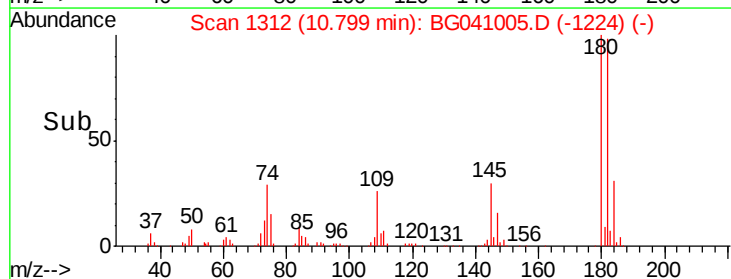
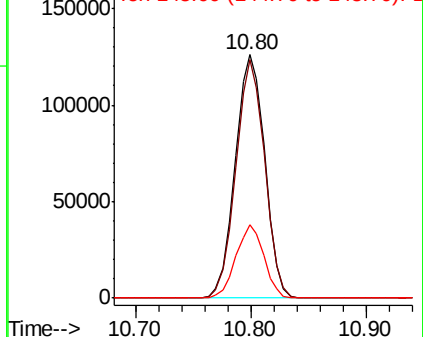


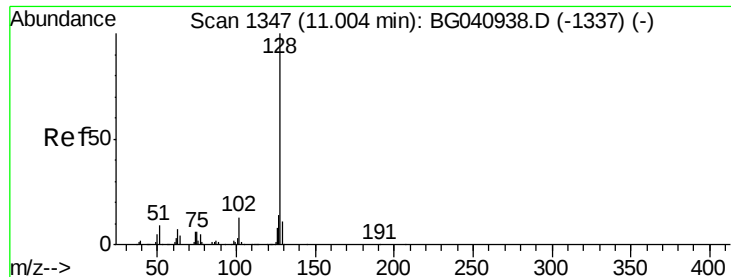
#30
 1,2,4-Trichlorobenzene
 Concen: 39.632 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	79.7	119.5
145	30.4	22.6	34.0



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





#31

Naphthalene

Concen: 38.900 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

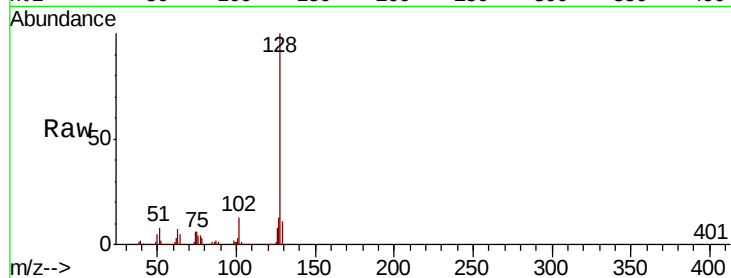
Tot Ion:128 Resp: 519329

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 12.8 11.4 17.2

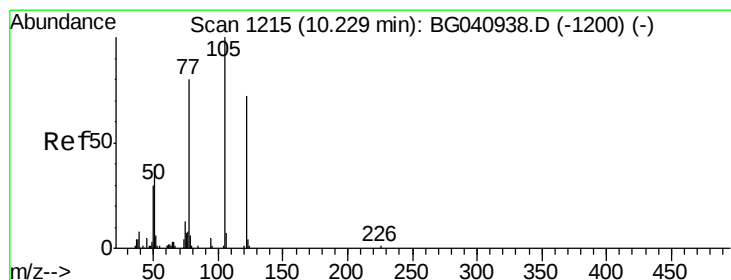
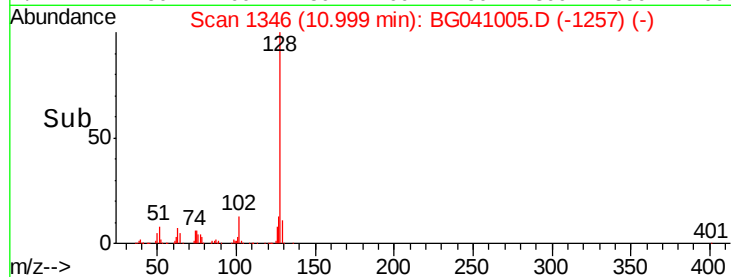
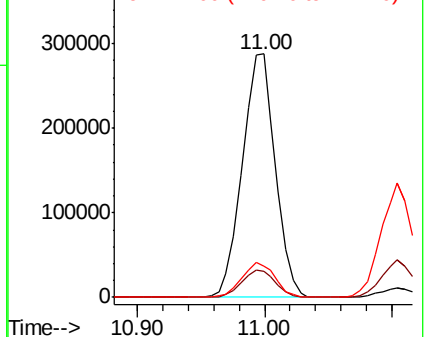


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.200 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

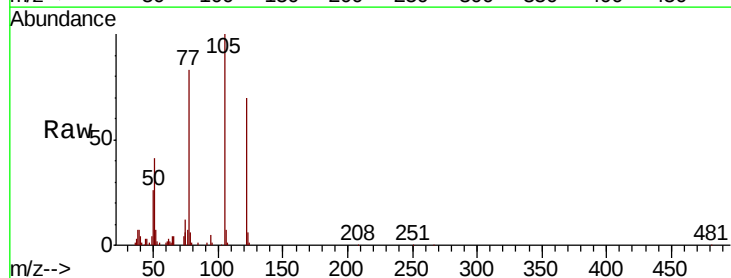
Tgt Ion:122 Resp: 116673

Ion Ratio Lower Upper

122 100

105 143.4 114.8 154.8

77 118.8 89.9 129.9

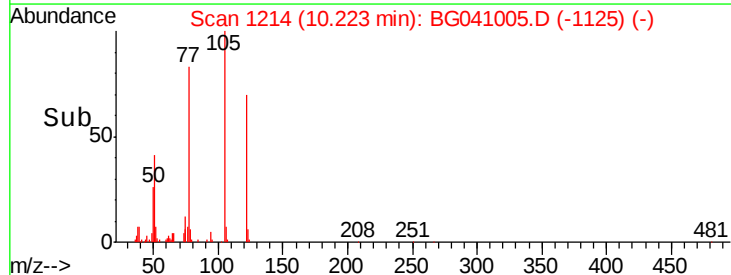
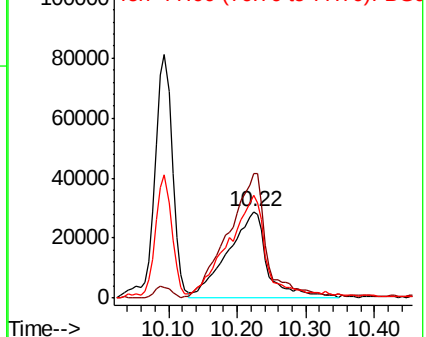


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

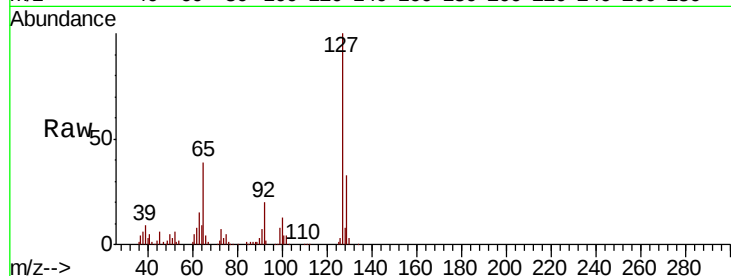




#33
4-Chloroaniline
Concen: 37.852 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	234472
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.7	41.5
65	39.1	33.2	49.8
92	20.0	17.2	25.8



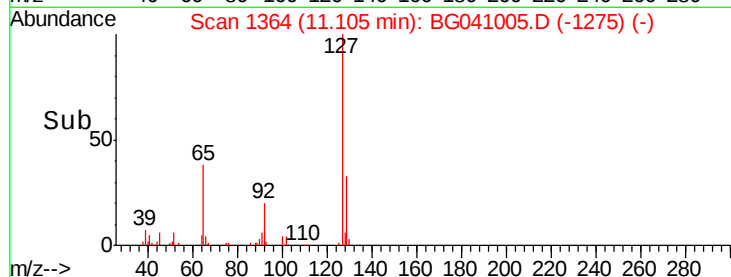
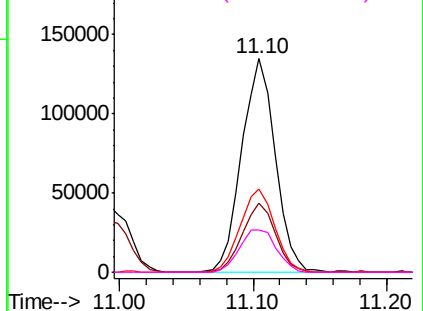
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

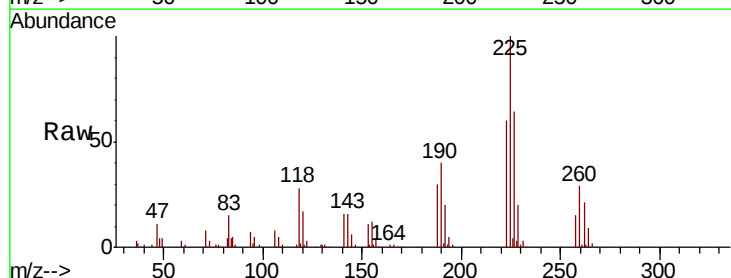
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 41.383 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion:	225	Resp:	177770
Ion	Ratio	Lower	Upper
225	100		
223	59.5	48.8	73.2
227	66.7	51.4	77.0

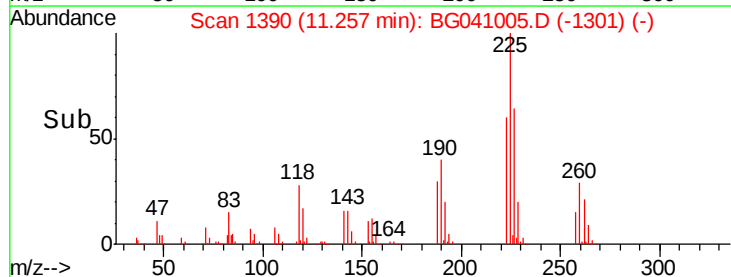
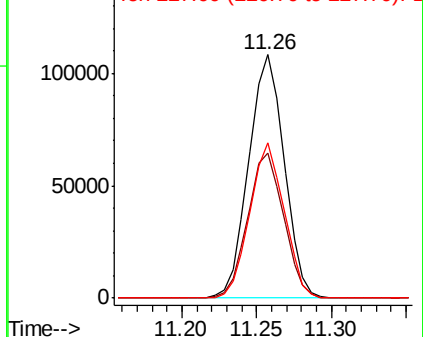


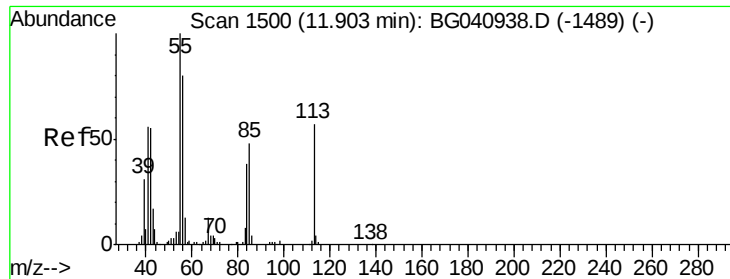
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.111 ng

RT: 11.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

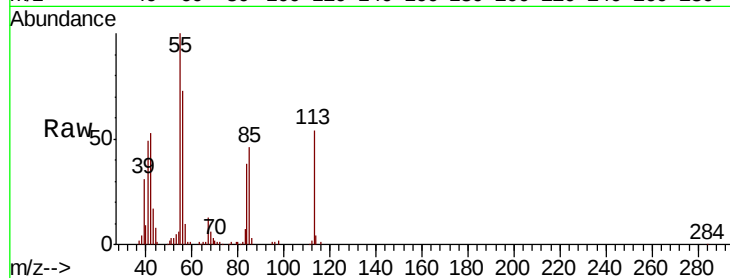
Tot Ion:113 Resp: 58850

Ion Ratio Lower Upper

113 100

55 186.1 155.9 195.9

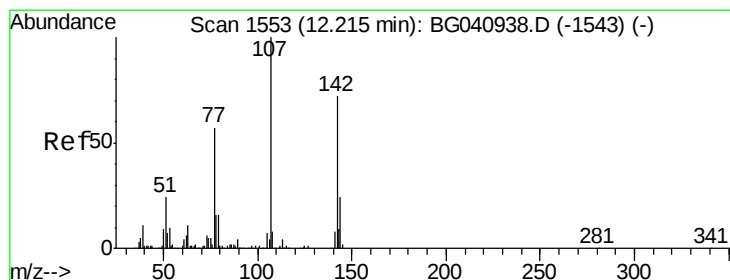
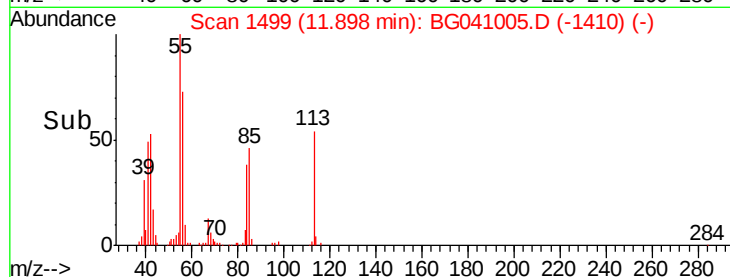
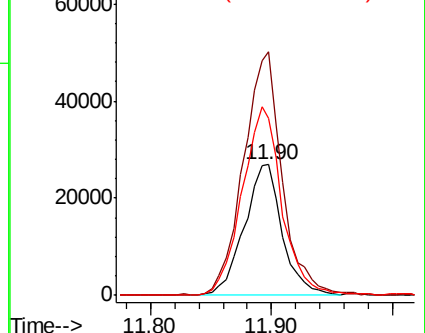
56 135.8 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 35.898 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

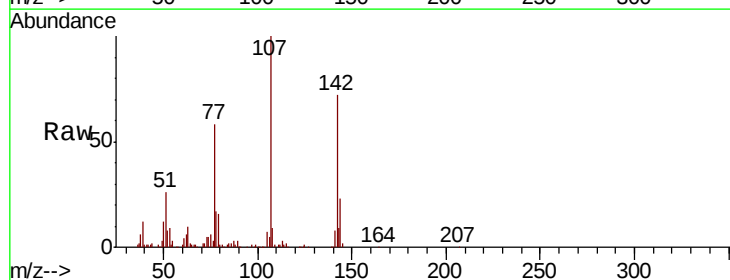
Tgt Ion:107 Resp: 202332

Ion Ratio Lower Upper

107 100

144 23.0 19.4 29.0

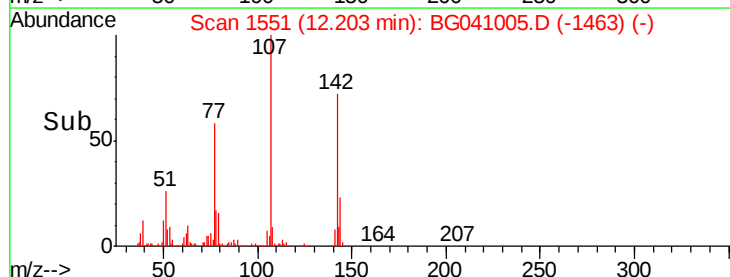
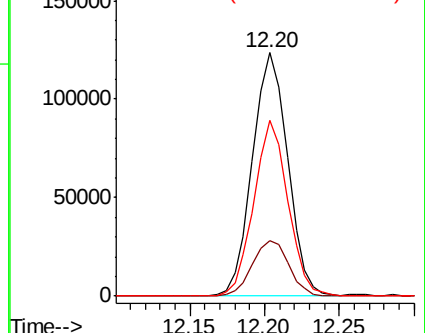
142 72.3 57.3 85.9

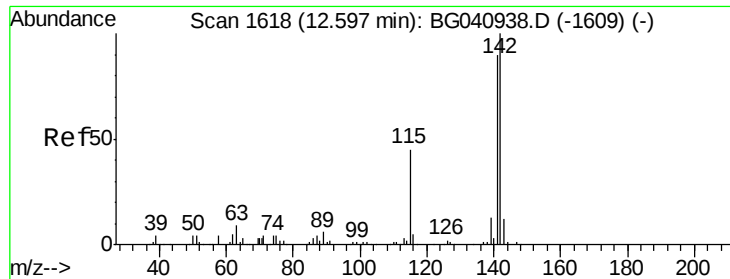


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

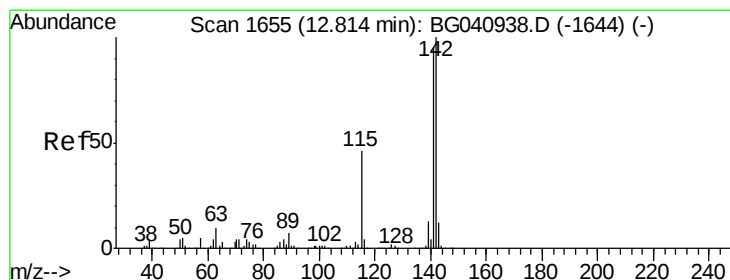
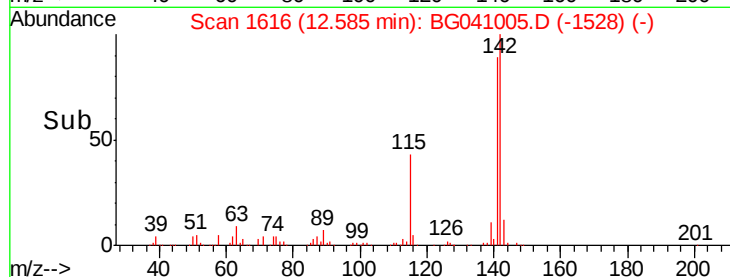
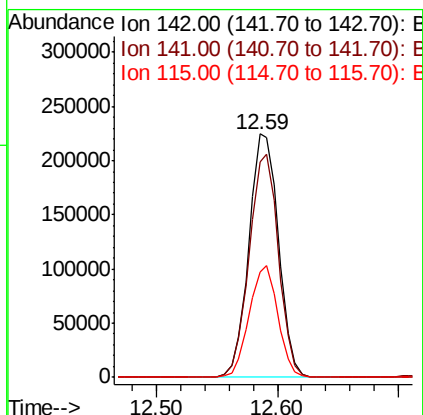
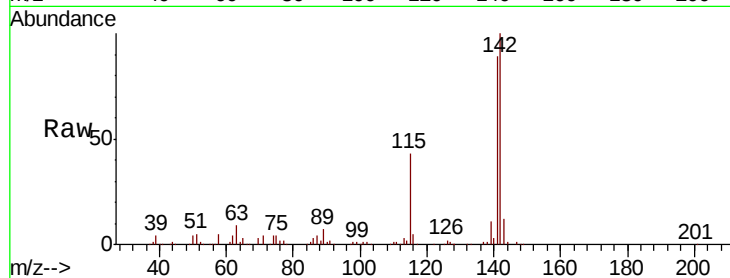




#37
2-Methylnaphthalene
Concen: 37.372 ng
RT: 12.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

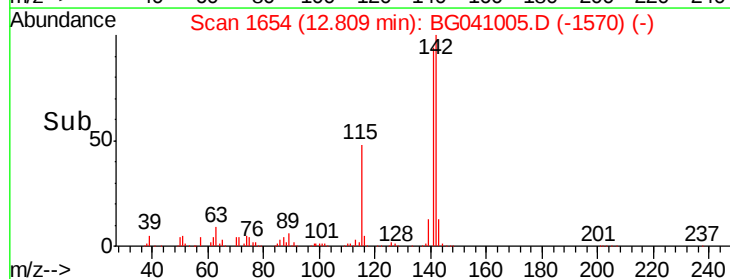
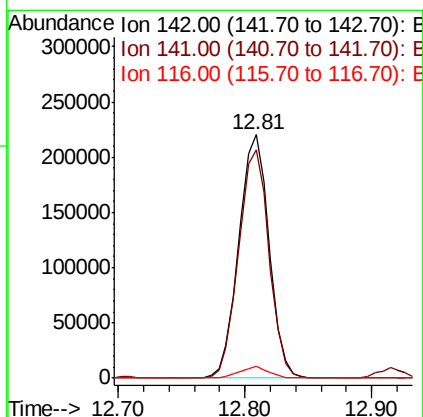
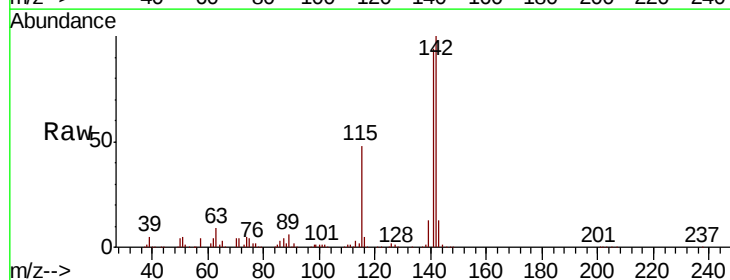
Instrument :
BNA_G
ClientSampleId :

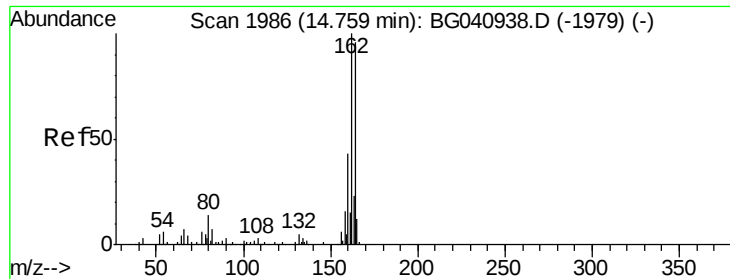
Tot Ion:142 Resp: 384268
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.4
115 43.2 36.2 54.4



#38
1-Methylnaphthalene
Concen: 37.577 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion:142 Resp: 364096
Ion Ratio Lower Upper
142 100
141 93.8 75.7 113.5
116 4.9 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

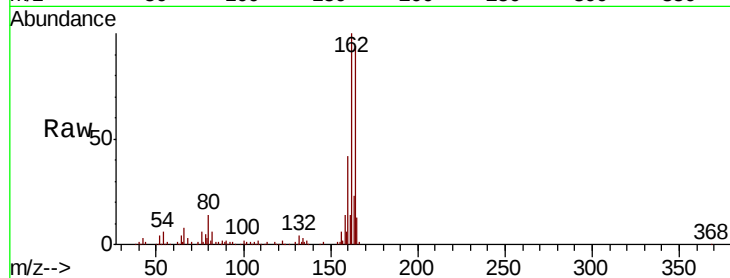
Tot Ion:164 Resp: 170064

Ion Ratio Lower Upper

164 100

162 106.4 83.0 124.4

160 44.2 35.6 53.4

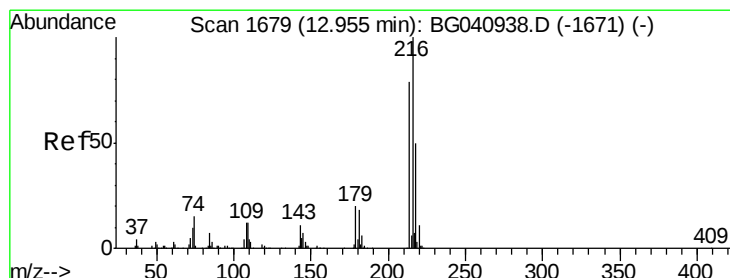
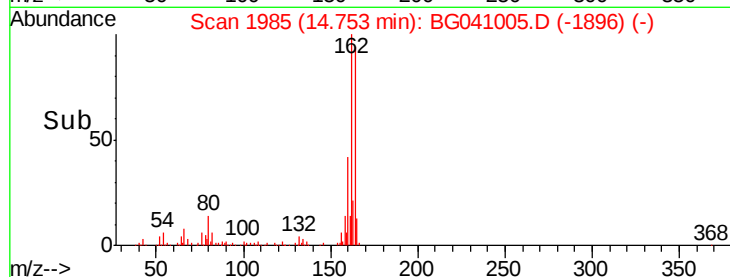
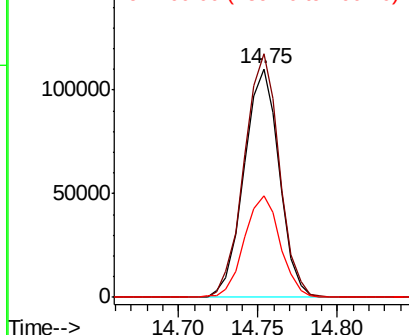


Abundance

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: 41.745 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Tgt Ion:216 Resp: 286143

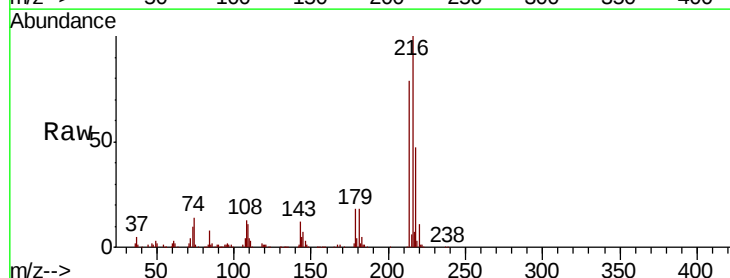
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 18.8 15.2 22.8

108 15.0 11.4 17.2



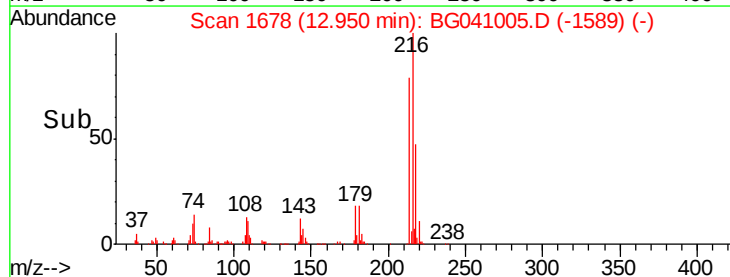
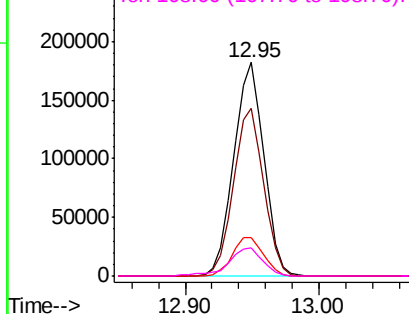
Abundance

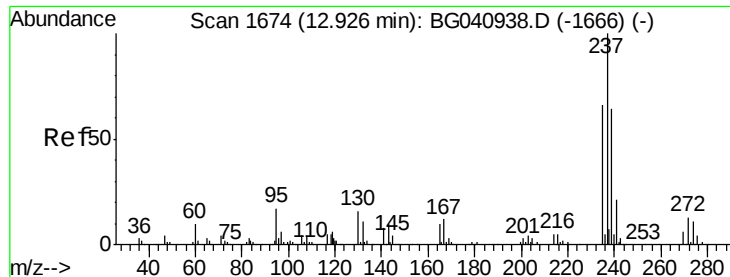
Ion 216.00 (215.70 to 216.70): E

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: 41.047 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampled :

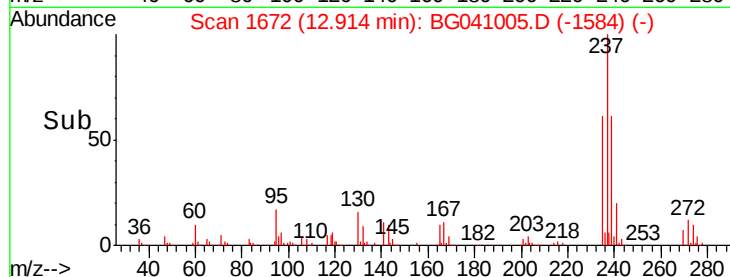
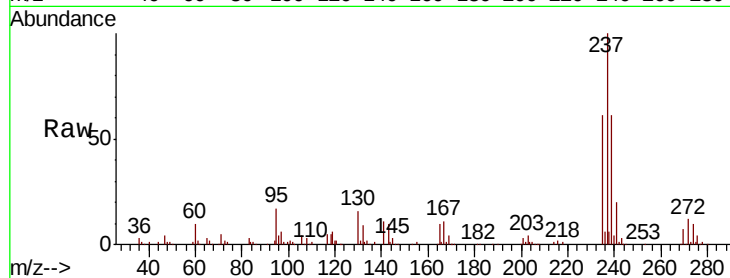
Tot Ion:237 Resp: 134771

Ion Ratio Lower Upper

237 100

235 61.1 45.5 85.5

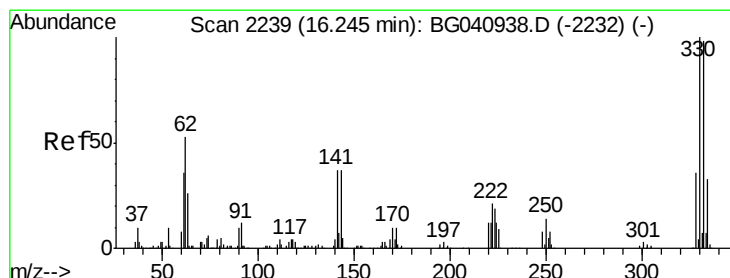
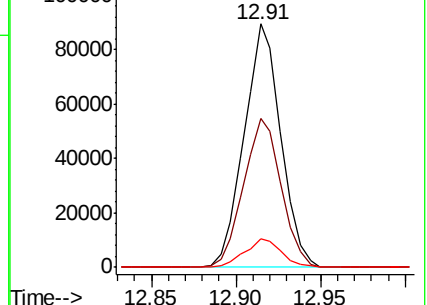
272 11.6 0.0 32.9



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: 79.143 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

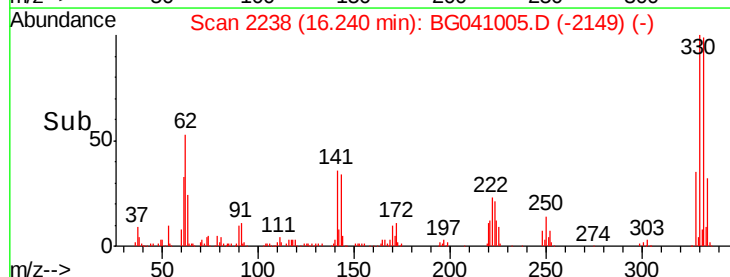
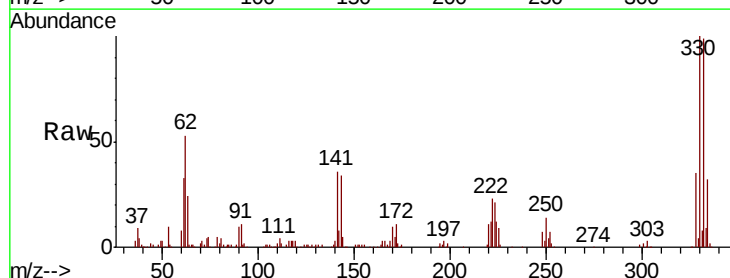
Tgt Ion:330 Resp: 199814

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

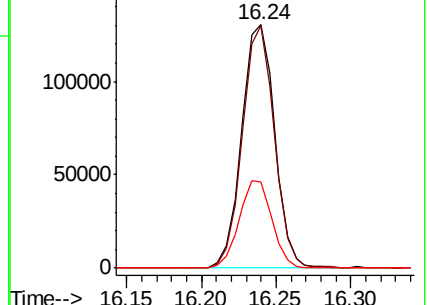
141 35.9 28.7 43.1



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

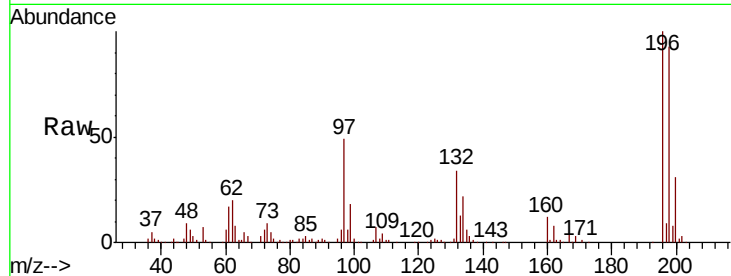




#43
 2,4,6-Trichlorophenol
 Concen: 40.351 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	178927
Ion Ratio	Lower	Upper	
196	100		
198	92.8	73.8	110.6
200	30.8	24.1	36.1

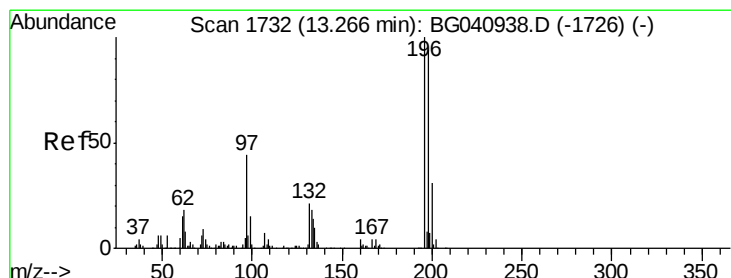
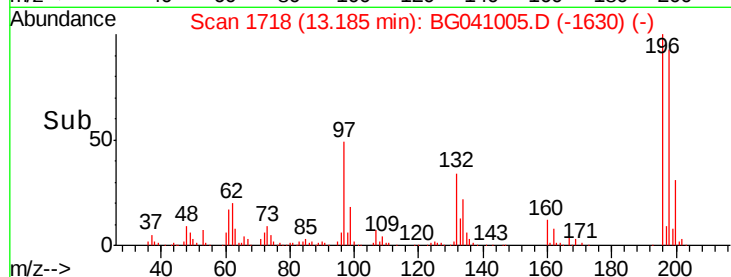
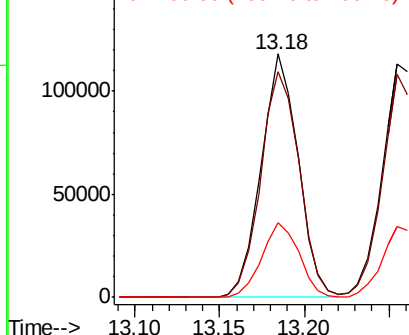


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.260 ng
 RT: 13.26 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Tgt Ion	196	Resp	183602
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.1	112.7
97	49.2	35.6	53.4
132	22.6	16.7	25.1

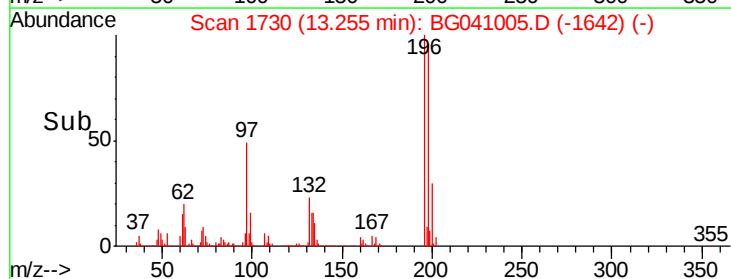
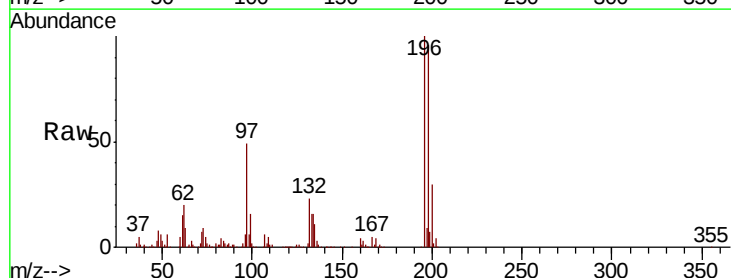
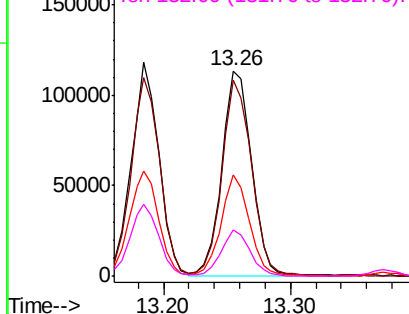
Abundance

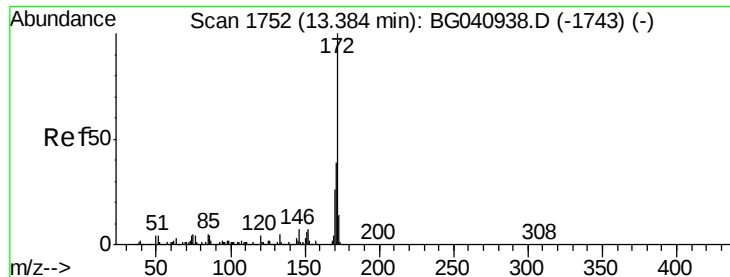
Ion 196.00 (195.70 to 196.70): E

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

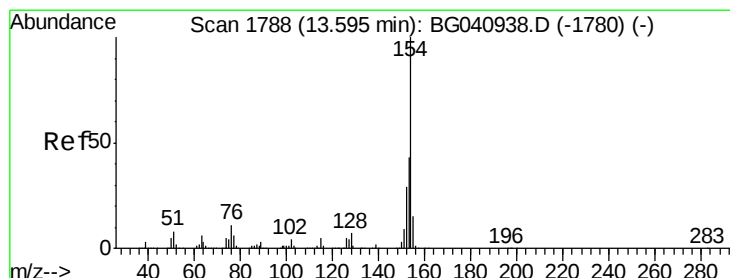
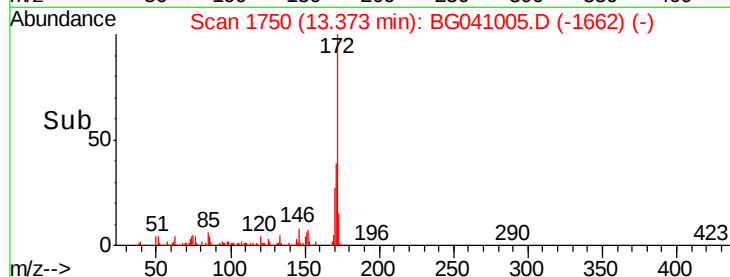
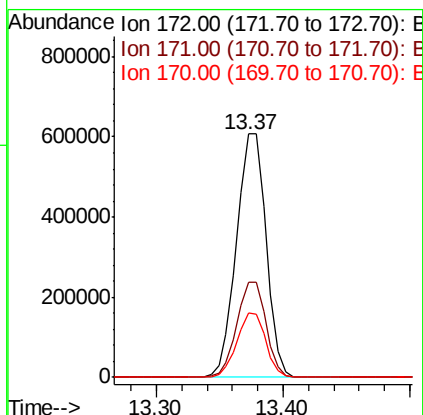
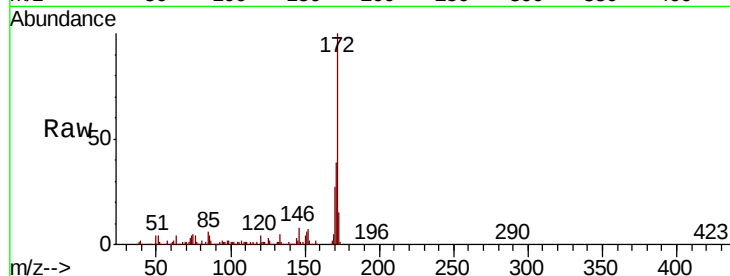




#45
2-Fluorobiphenyl
Concen: 83.162 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

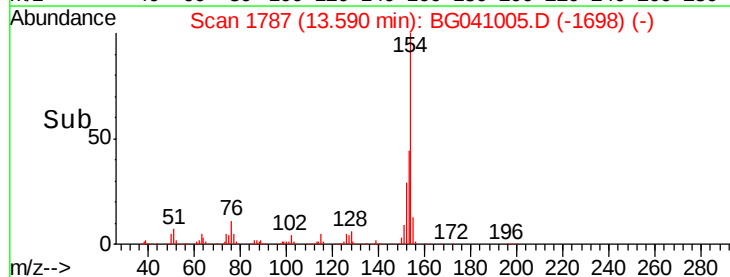
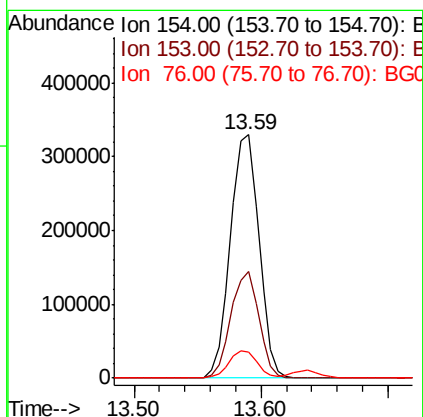
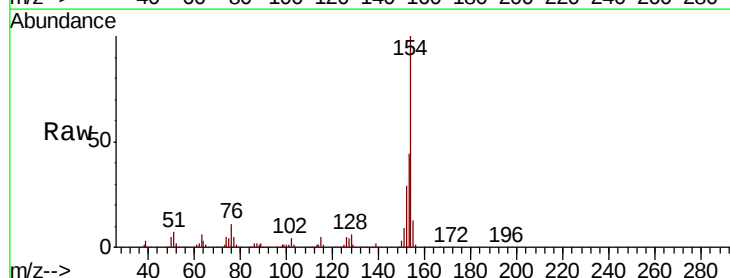
Instrument :
BNA_G
ClientSampleId :

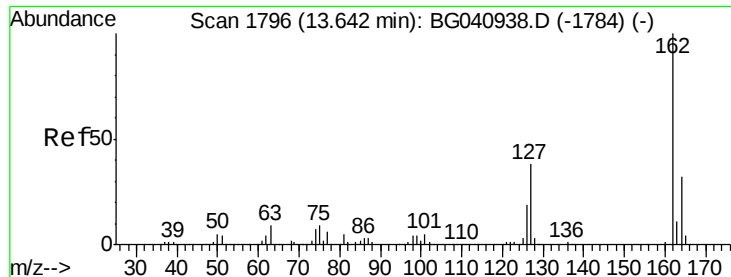
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.1	46.7
170	26.6	20.5	30.7



#46
1,1'-Biphenyl
Concen: 40.873 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	23.3	63.3
76	10.9	0.0	31.1

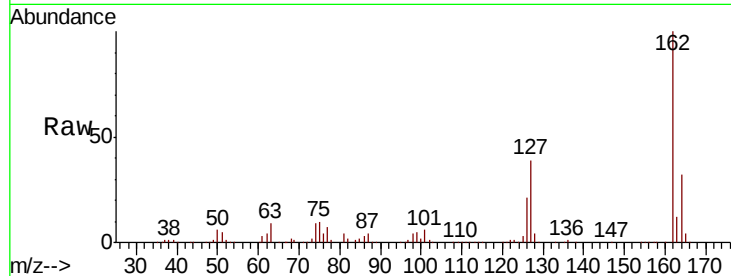




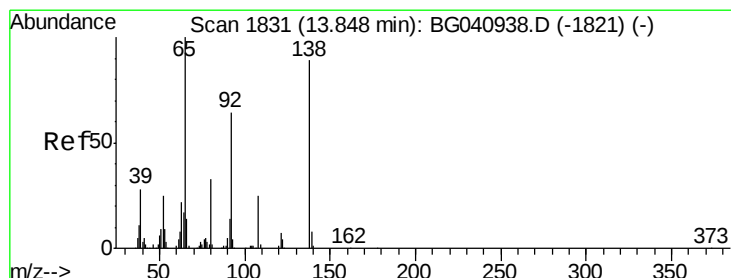
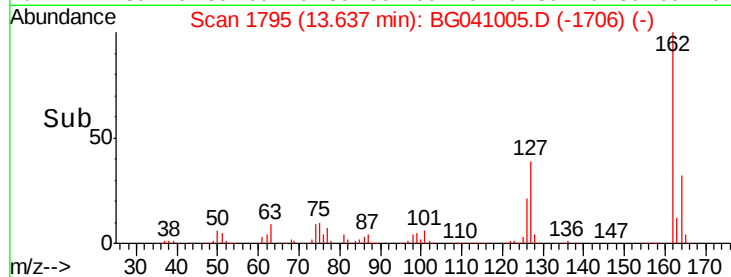
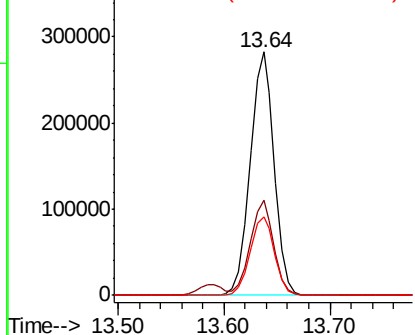
#47
 2-Chloronaphthalene
 Concen: 41.168 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 444898
 Ion Ratio Lower Upper
 162 100
 127 38.8 30.5 45.7
 164 32.4 25.8 38.6

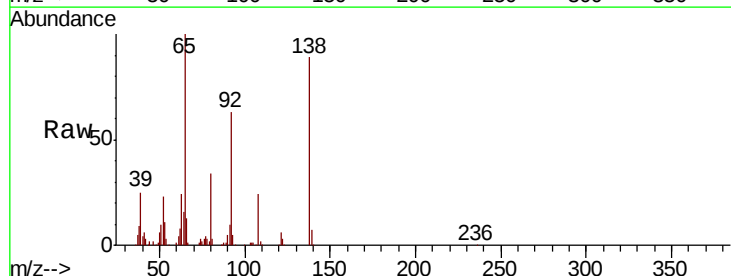


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

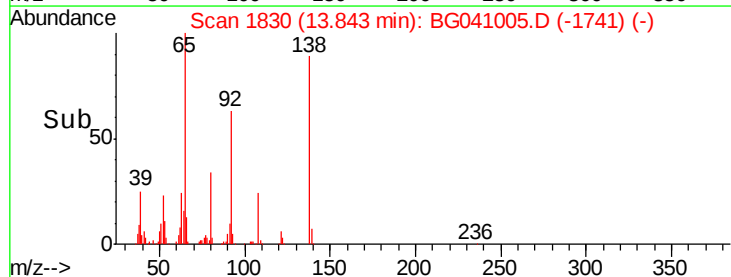
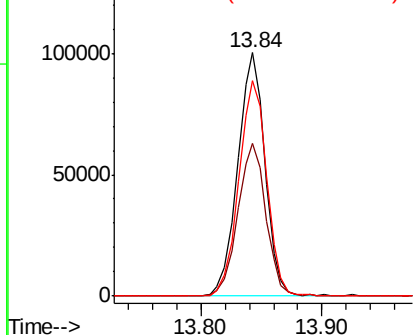


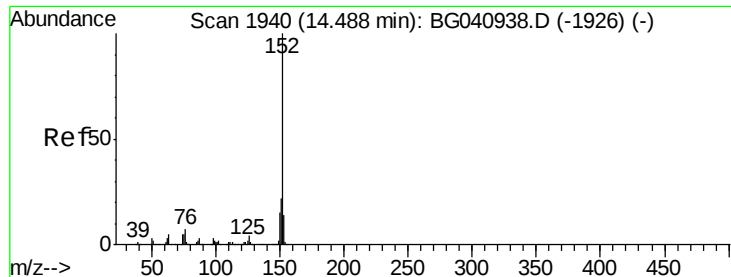
#48
 2-Nitroaniline
 Concen: 40.589 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Tgt Ion: 65 Resp: 157363
 Ion Ratio Lower Upper
 65 100
 92 62.7 51.0 76.6
 138 88.7 71.2 106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.186 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampled :

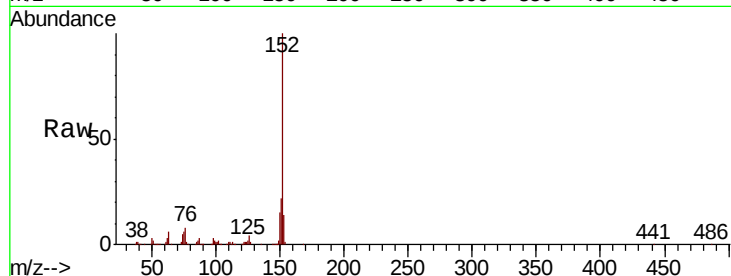
Tot Ion:152 Resp: 653631

Ion Ratio Lower Upper

152 100

151 21.6 17.4 26.0

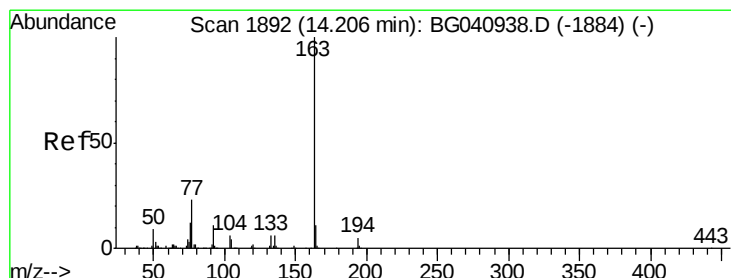
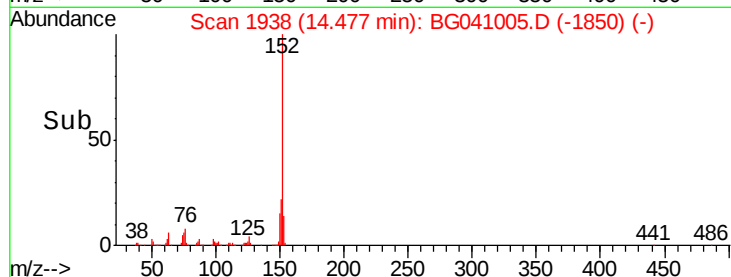
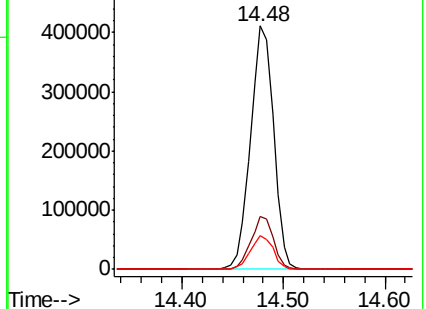
153 13.6 11.0 16.4



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: 39.294 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

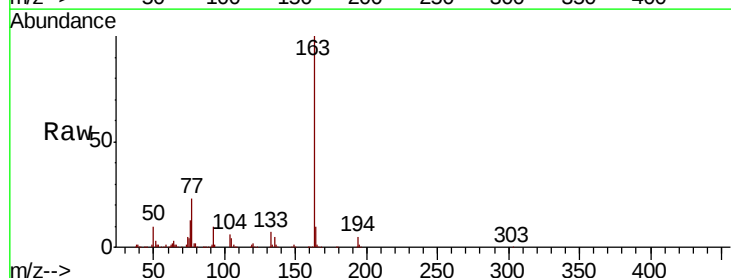
Tgt Ion:163 Resp: 565670

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

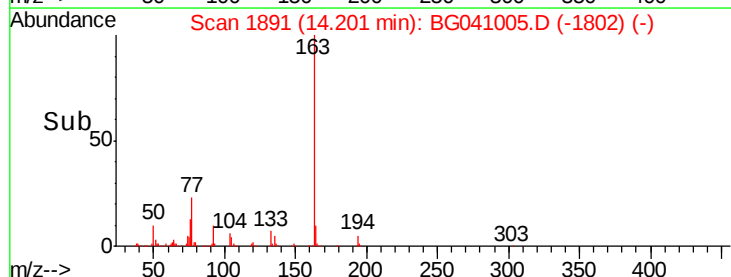
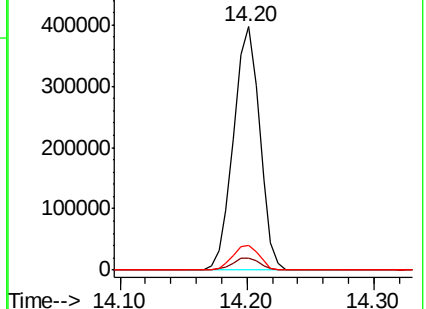
164 10.3 8.7 13.1

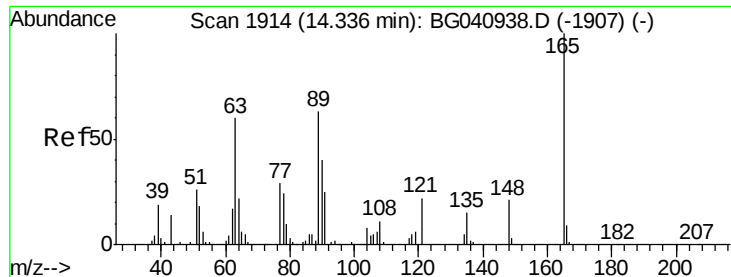


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.350 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

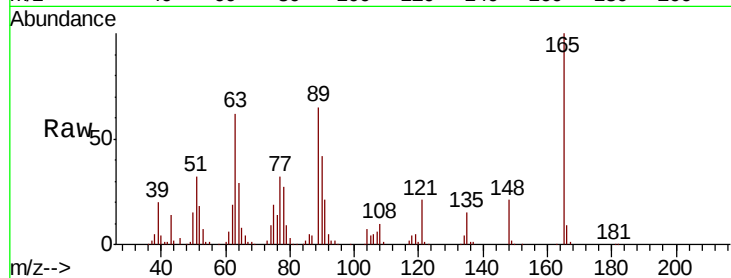
Tot Ion:165 Resp: 122140

Ion Ratio Lower Upper

165 100

63 62.1 53.6 80.4

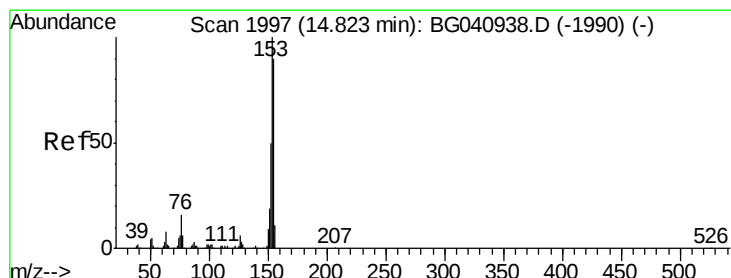
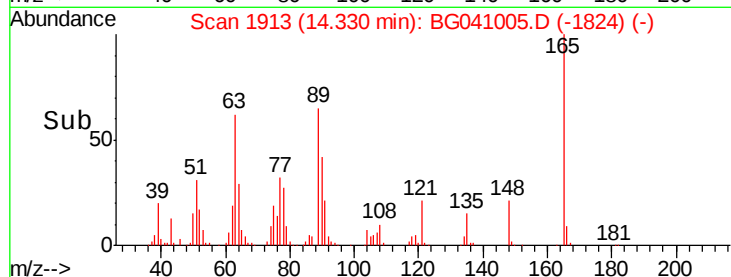
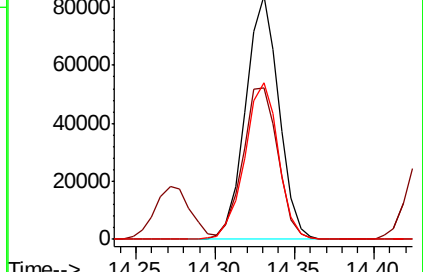
89 64.5 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.369 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

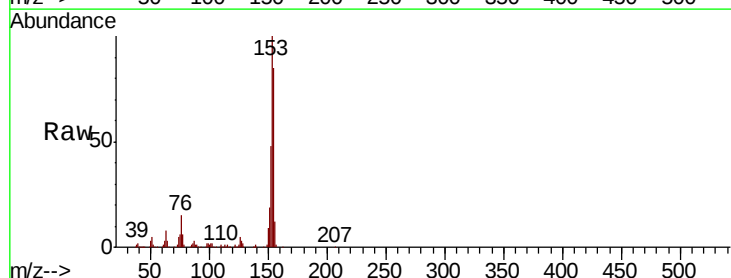
Tgt Ion:154 Resp: 387921

Ion Ratio Lower Upper

154 100

153 118.0 88.6 133.0

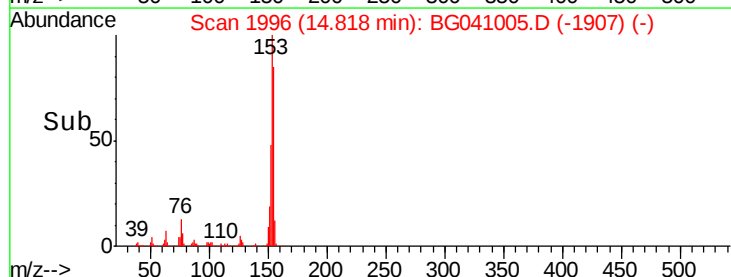
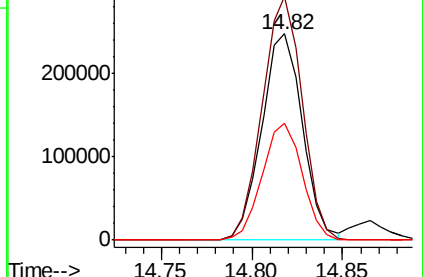
152 56.5 44.2 66.4



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

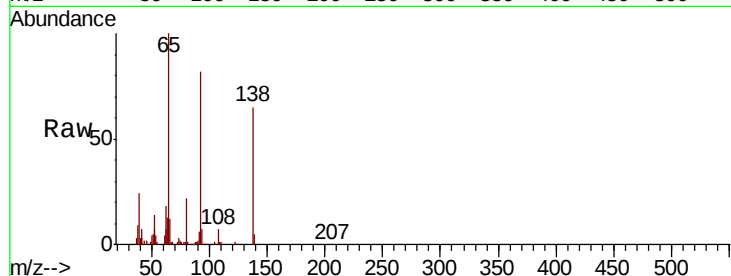




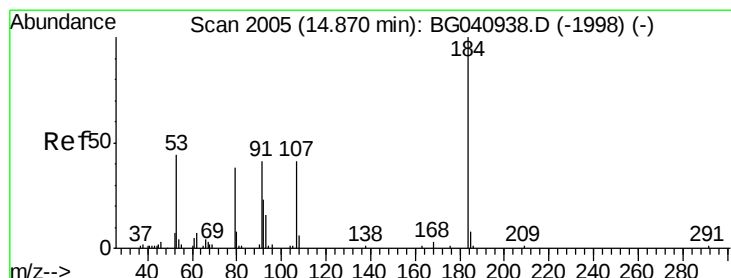
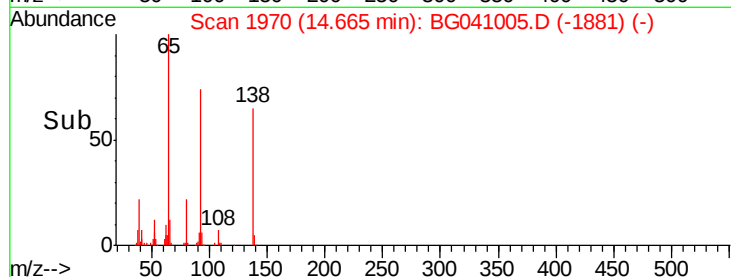
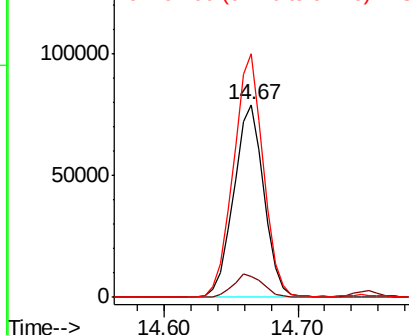
#53
3-Nitroaniline
Concen: 39.852 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 123693
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 126.2 99.0 148.6

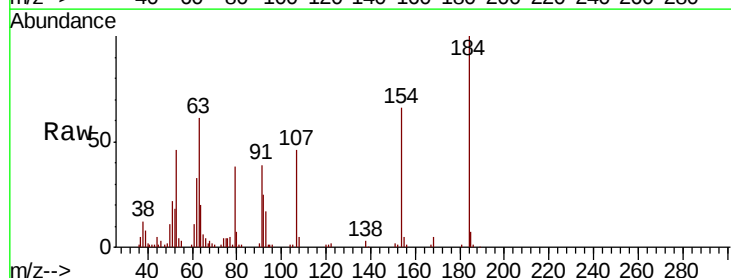


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

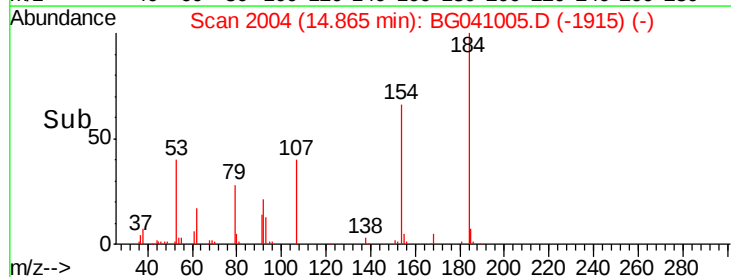
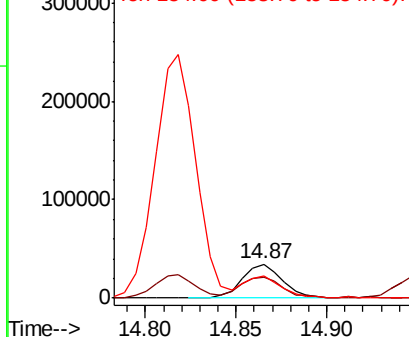


#54
2,4-Dinitrophenol
Concen: 43.119 ng
RT: 14.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion:184 Resp: 53376
Ion Ratio Lower Upper
184 100
63 60.9 49.8 74.6
154 66.4 52.2 78.4



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





#55

Dibenzofuran

Concen: 39.522 ng

RT: 15.15 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

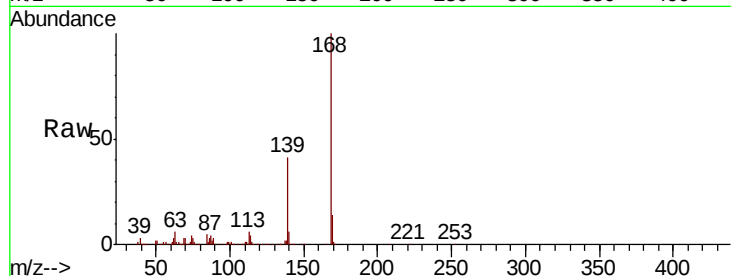
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 655265

Ion	Ratio	Lower	Upper
168	100		
139	40.8	32.8	49.2
169	13.8	11.3	16.9

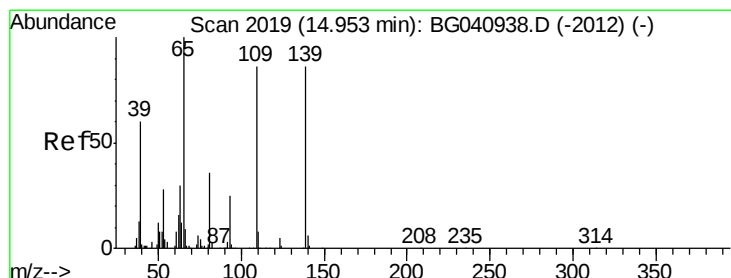
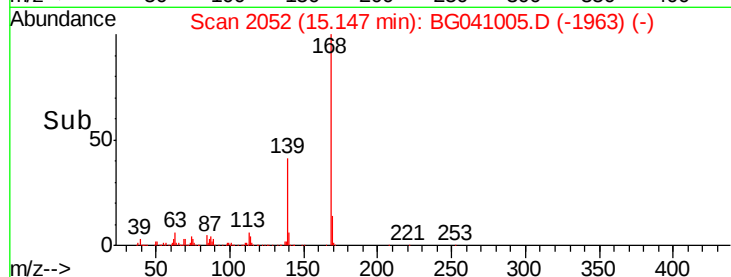
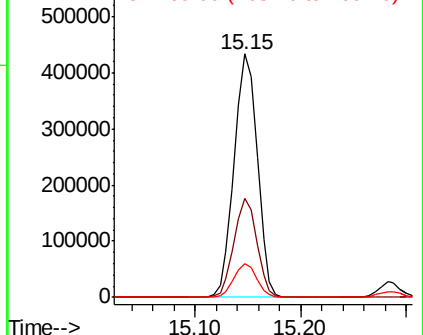


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.343 ng

RT: 14.95 min Scan# 2019

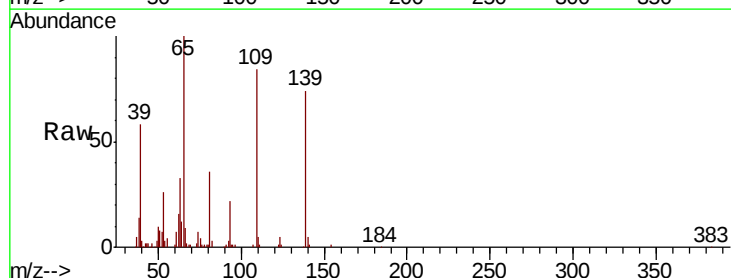
Delta R.T. 0.00 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Tgt Ion:139 Resp: 85888

Ion	Ratio	Lower	Upper
139	100		
109	113.2	79.6	119.6
65	134.7	96.9	136.9

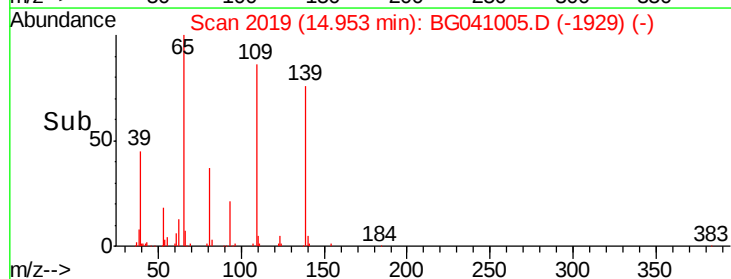
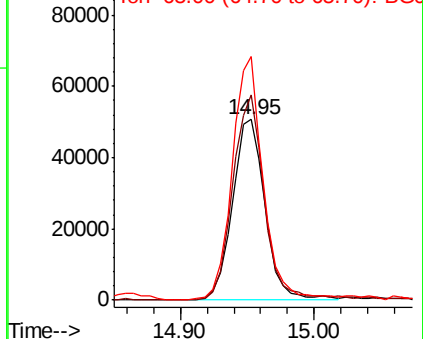


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

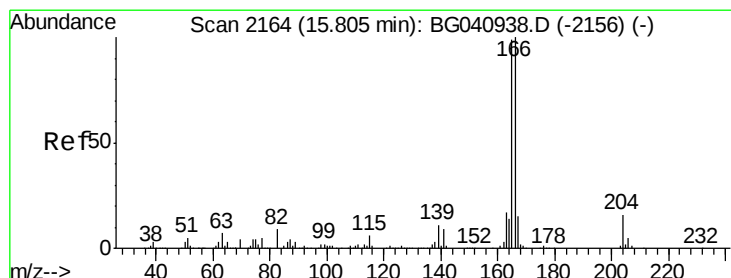
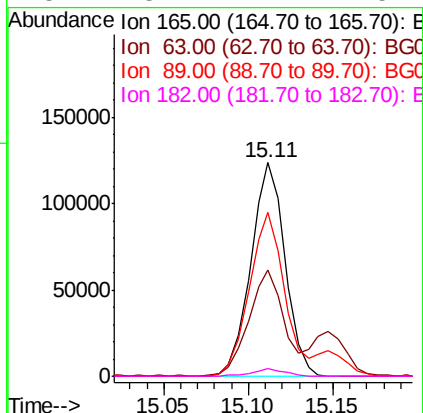
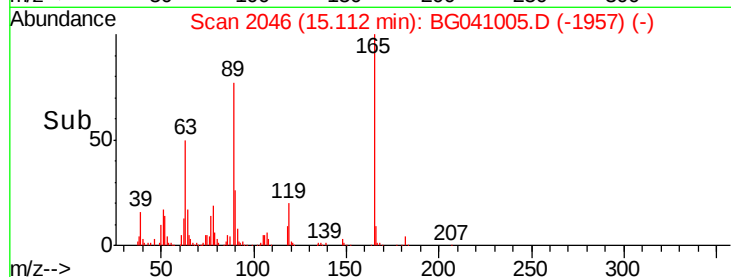
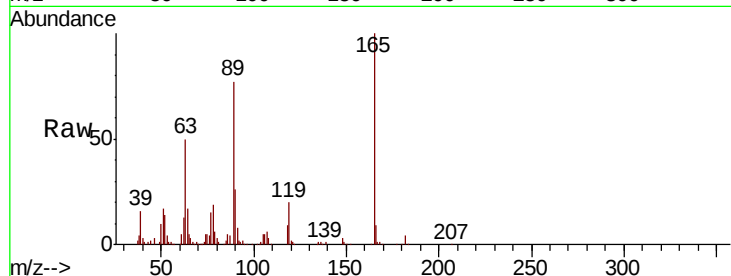




#57
2,4-Dinitrotoluene
Concen: 39.523 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

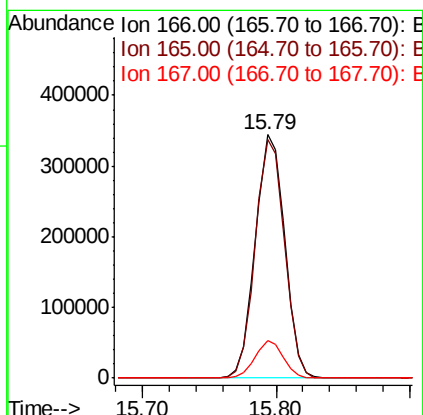
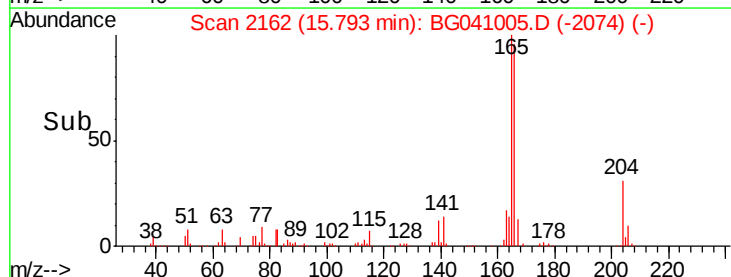
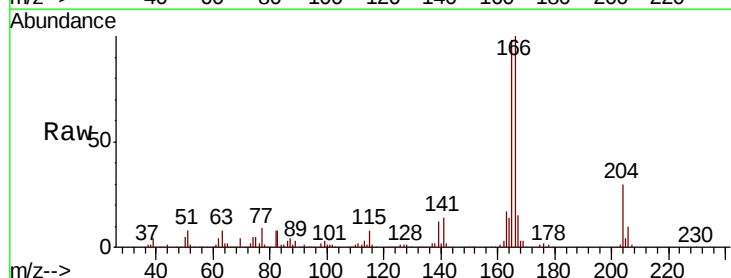
Instrument :
BNA_G
ClientSampleId :

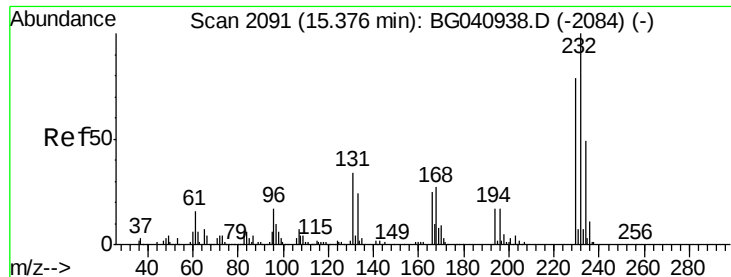
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	37.3	55.9
89	76.9	61.0	91.6
182	3.7	2.2	3.2#



#58
Fluorene
Concen: 39.508 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.2	118.8
167	15.2	11.8	17.6

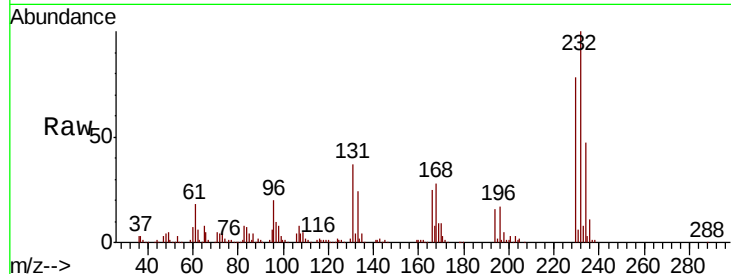




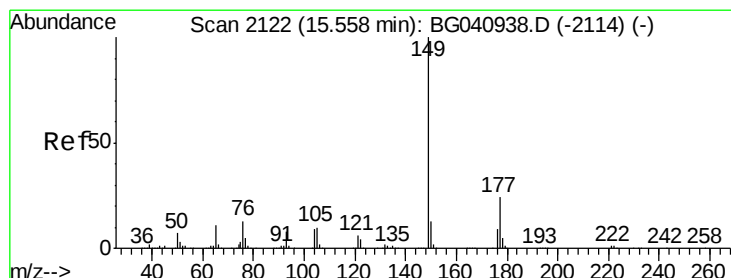
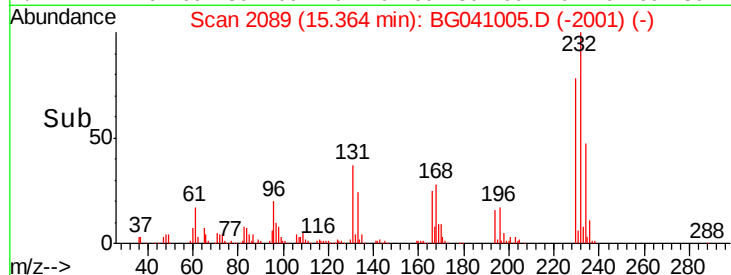
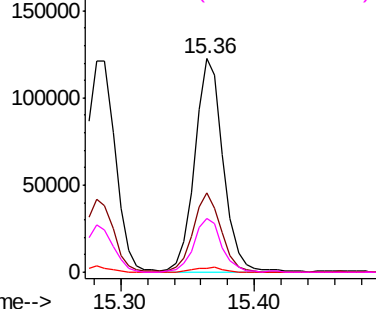
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.704 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	182474
Ion	Ratio	Lower	Upper
232	100		
131	36.1	30.3	45.5
130	2.3	1.8	2.8
166	25.2	21.3	31.9

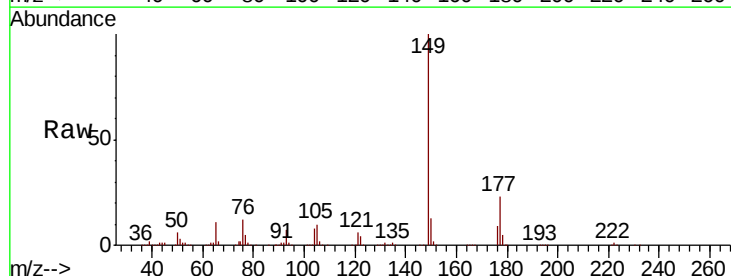


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

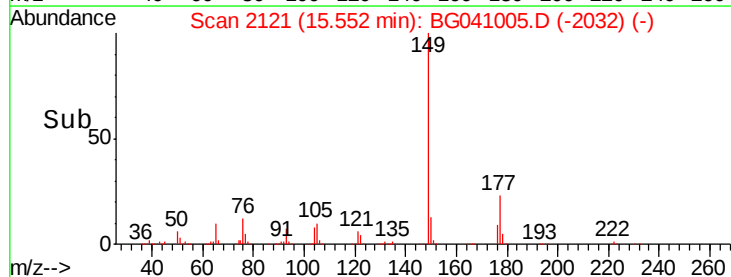
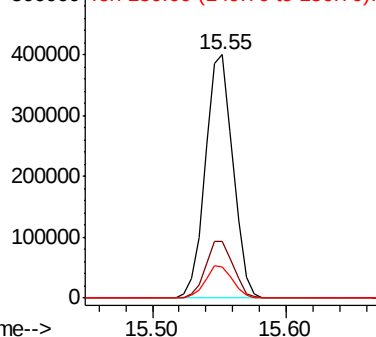


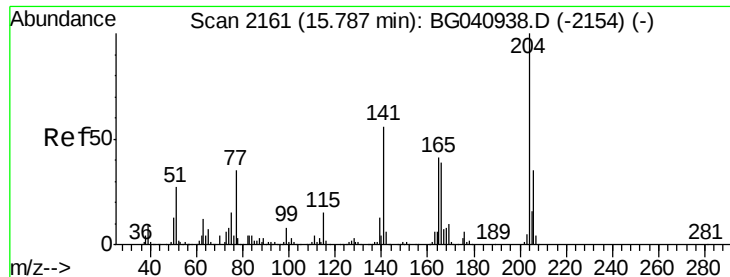
#60
 Diethylphthalate
 Concen: 38.930 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Tgt Ion:	149	Resp:	571935
Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.4	29.0
150	13.0	10.3	15.5



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

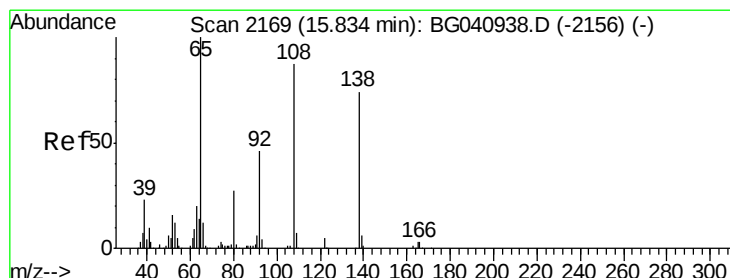
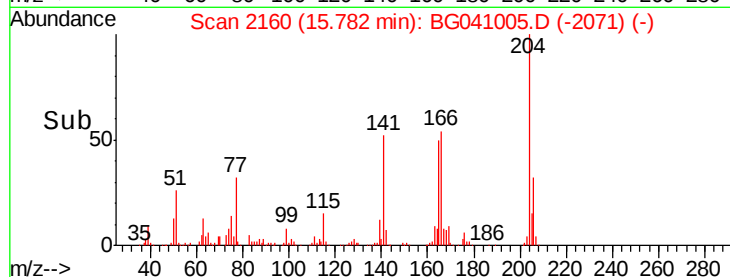
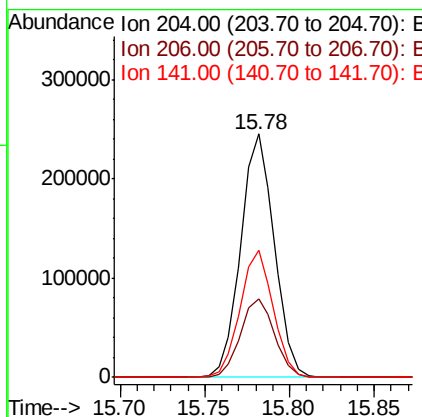
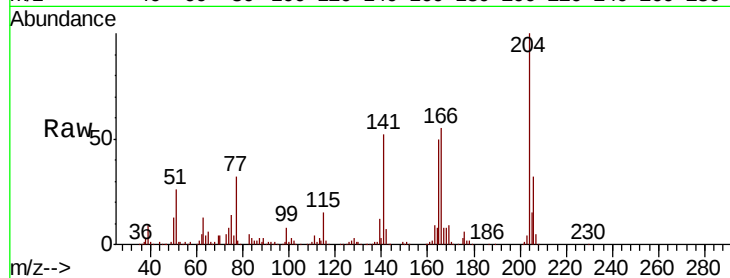




#61
4-Chlorophenyl-phenylether
Concen: 39.379 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

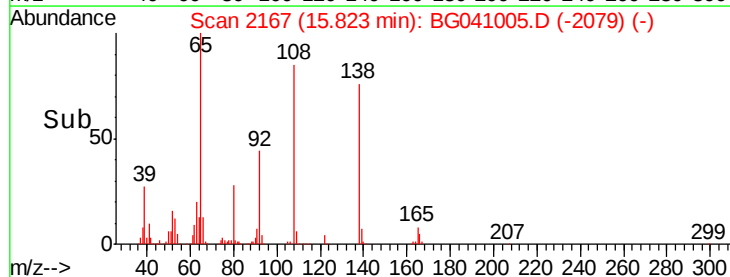
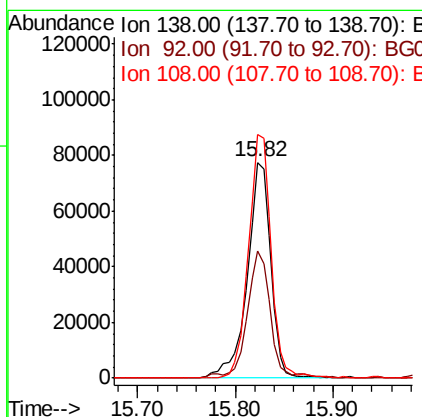
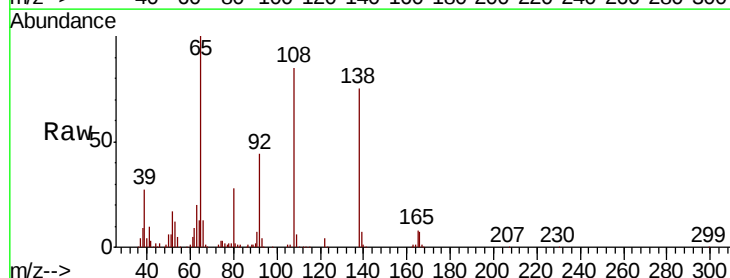
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.6	41.4
141	52.0	45.1	67.7



#62
4-Nitroaniline
Concen: 40.043 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.8	42.4	82.4
108	113.0	96.9	136.9





#63

Azobenzene

Concen: 39.130 ng

RT: 16.08 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 522507

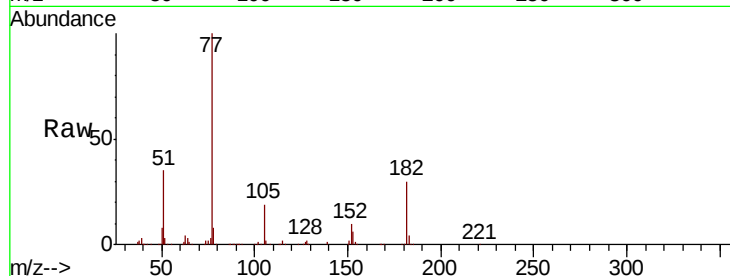
Ion Ratio Lower Upper

77 100

182 29.8 9.6 49.6

105 18.8 0.0 37.5

51 34.7 13.7 53.7

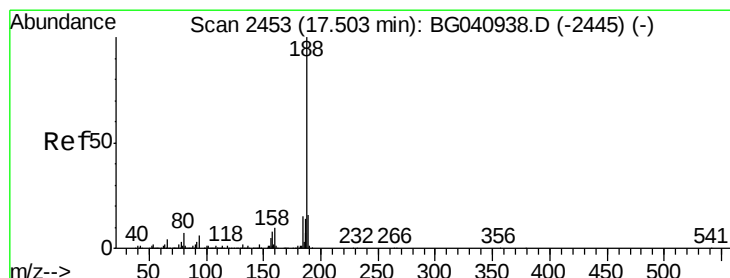
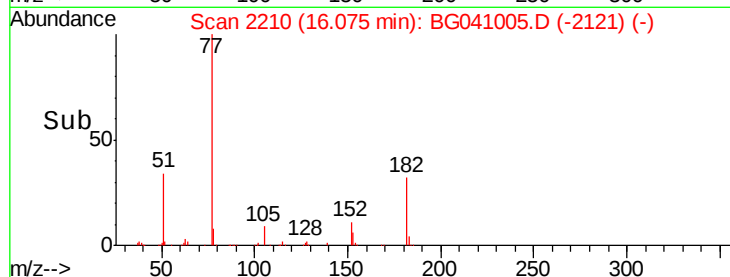
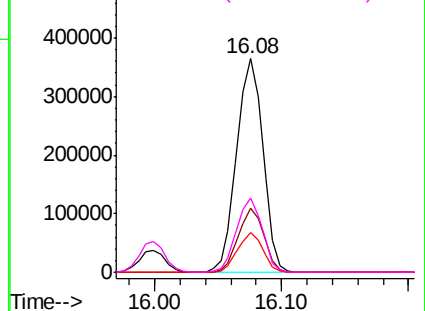


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

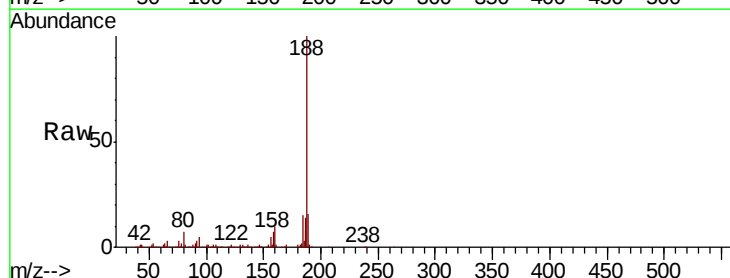
Tgt Ion: 188 Resp: 414411

Ion Ratio Lower Upper

188 100

94 5.4 4.7 7.1

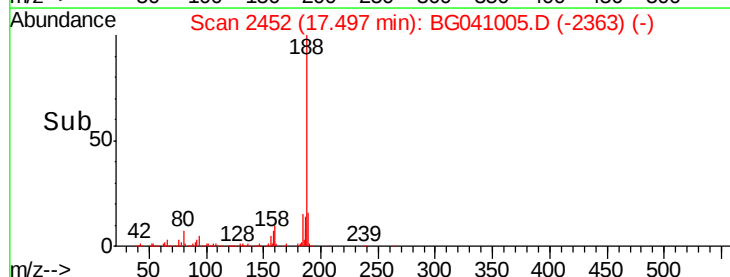
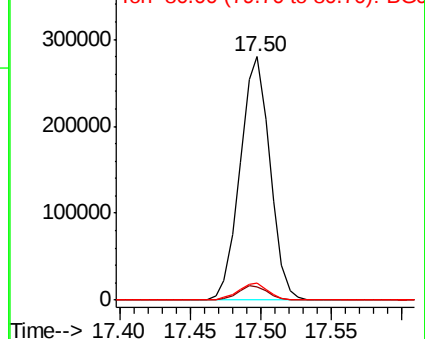
80 6.9 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.992 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

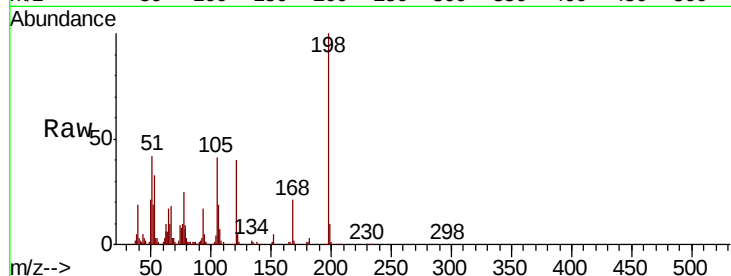
Tot Ion:198 Resp: 90342

Ion Ratio Lower Upper

198 100

51 42.2 21.6 61.6

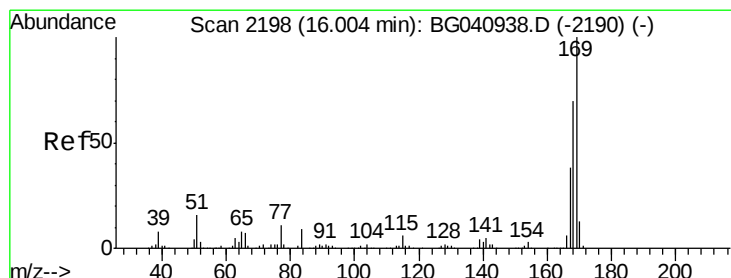
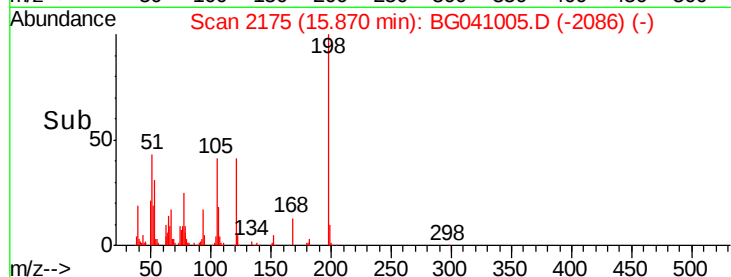
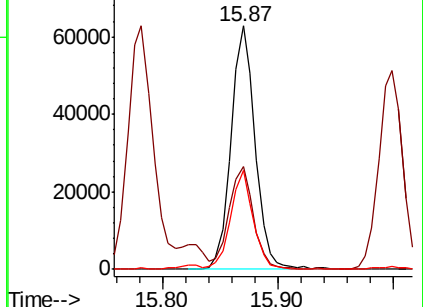
105 40.6 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.940 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

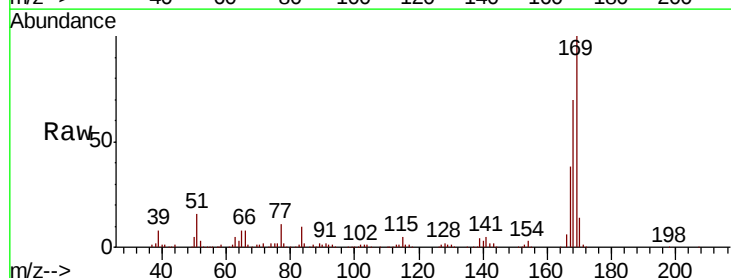
Tgt Ion:169 Resp: 465284

Ion Ratio Lower Upper

169 100

168 69.9 55.7 83.5

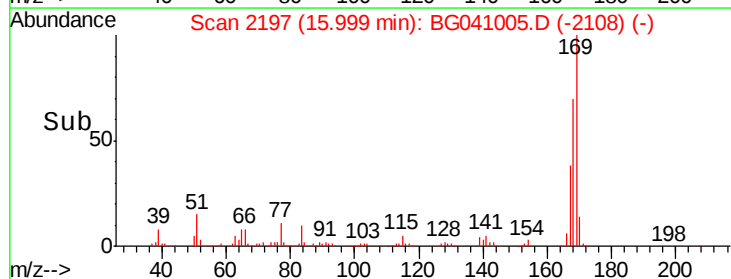
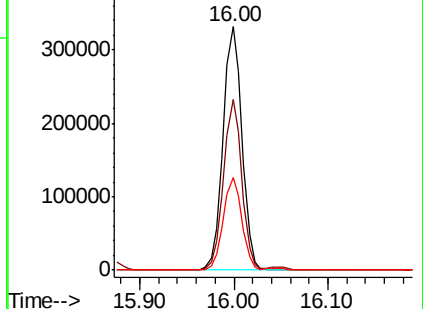
167 37.9 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.474 ng

RT: 16.67 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampled :

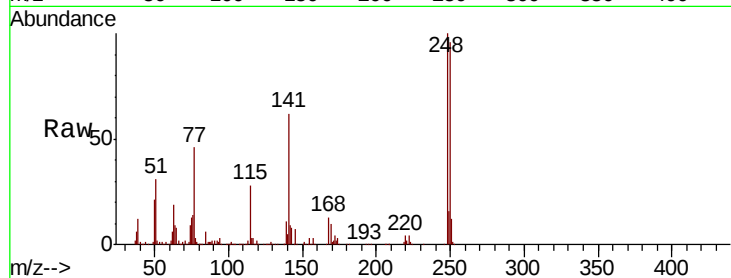
Tot Ion:248 Resp: 220764

Ion	Ratio	Lower	Upper
248	100		
250	96.3	75.0	112.4
141	62.0	52.4	78.6

248 100

250 96.3 75.0 112.4

141 62.0 52.4 78.6

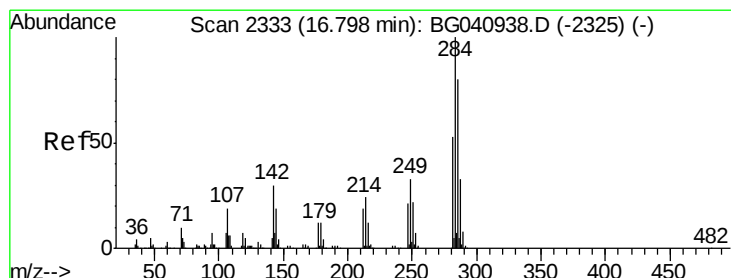
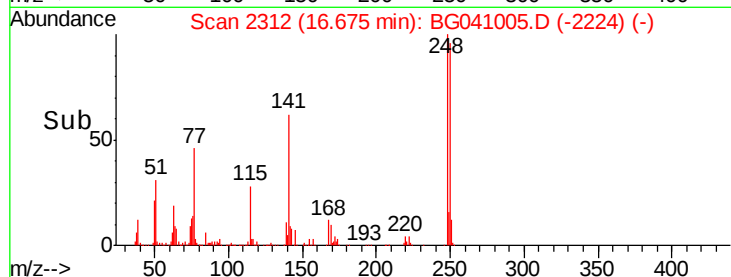
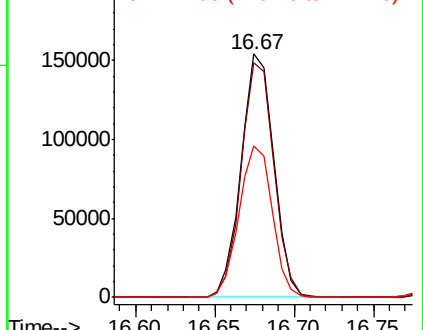


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.364 ng

RT: 16.79 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

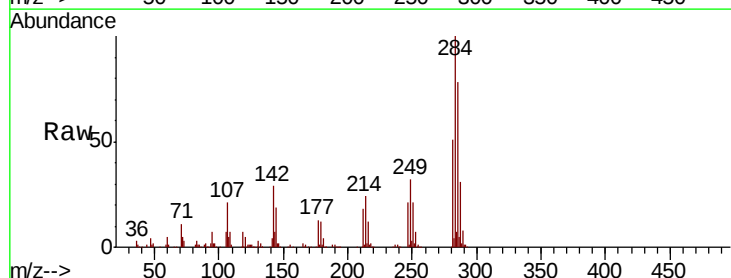
Tgt Ion:284 Resp: 234423

Ion	Ratio	Lower	Upper
284	100		
142	29.2	23.9	35.9
249	31.9	26.8	40.2

284 100

142 29.2 23.9 35.9

249 31.9 26.8 40.2

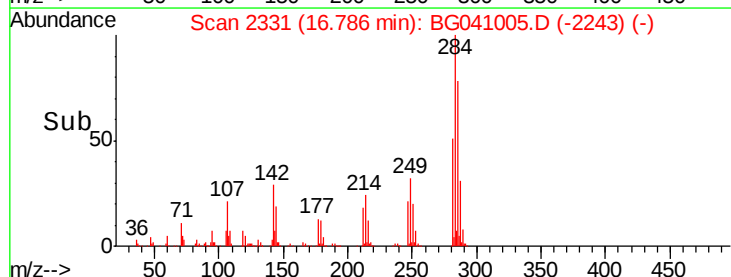
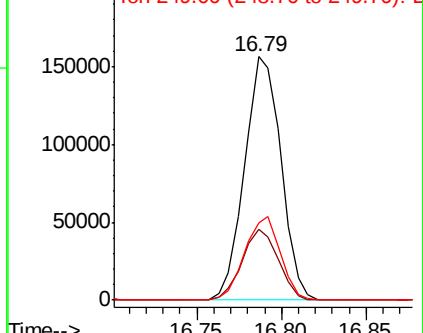


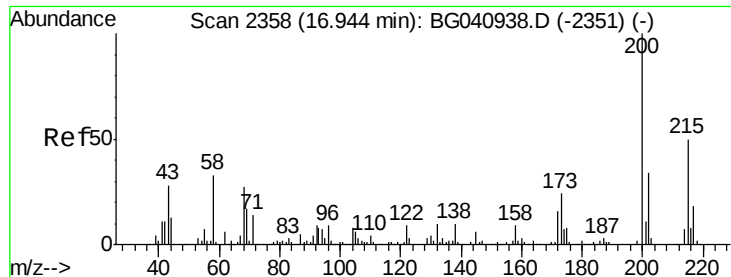
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

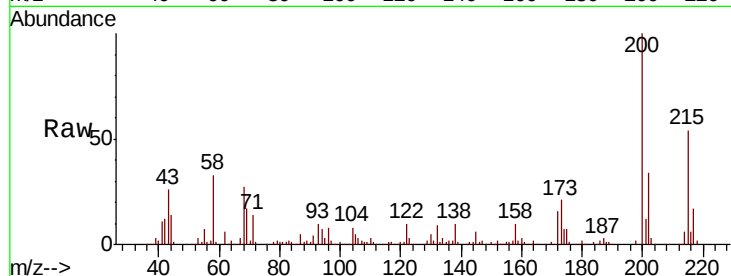




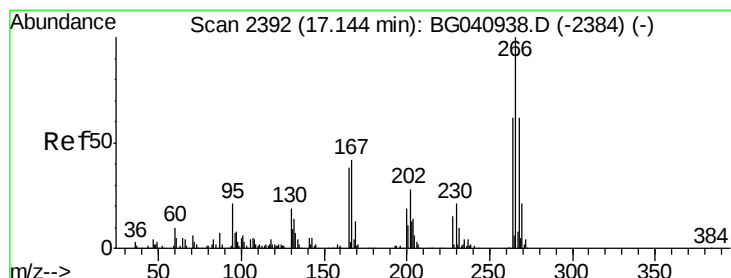
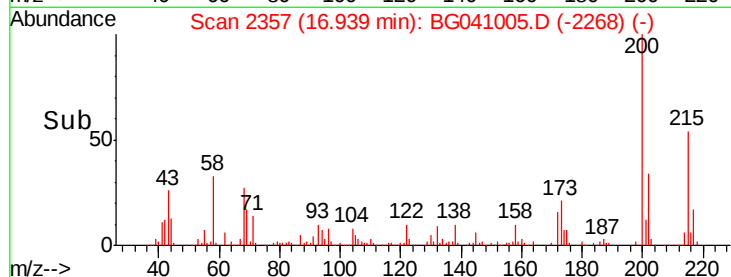
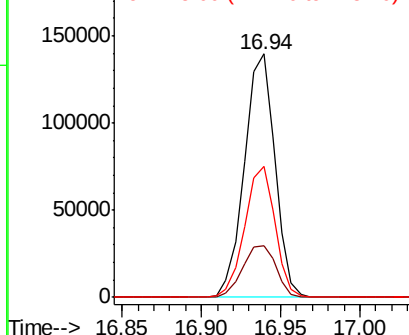
#69
Atrazine
Concen: 41.594 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.2	3.6	43.6
215	53.6	29.6	69.6

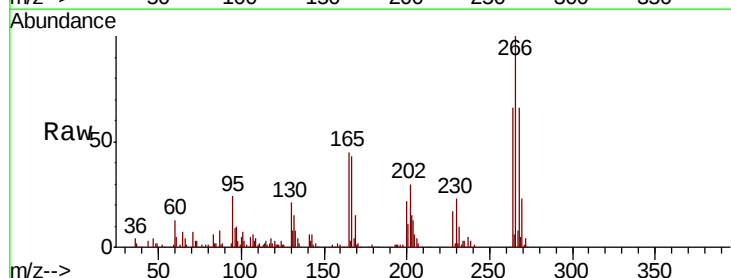


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

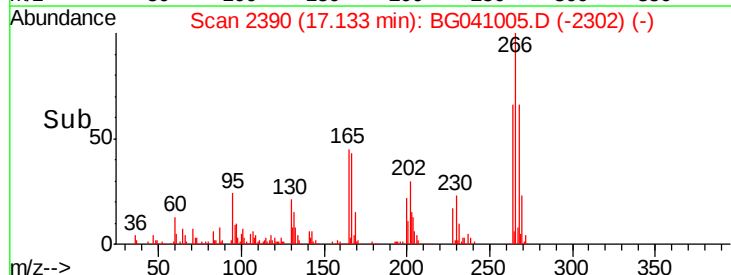
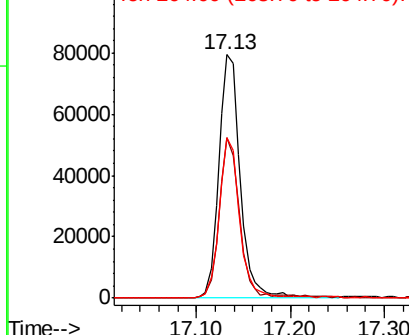


#70
Pentachlorophenol
Concen: 41.899 ng
RT: 17.13 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	53.1	79.7
264	65.8	49.9	74.9



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: 39.877 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

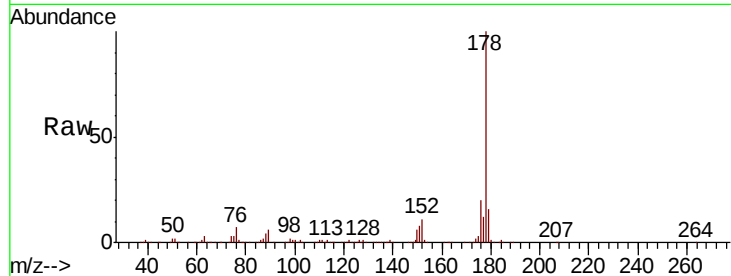
Tot Ion:178 Resp: 860780

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 16.2 12.7 19.1

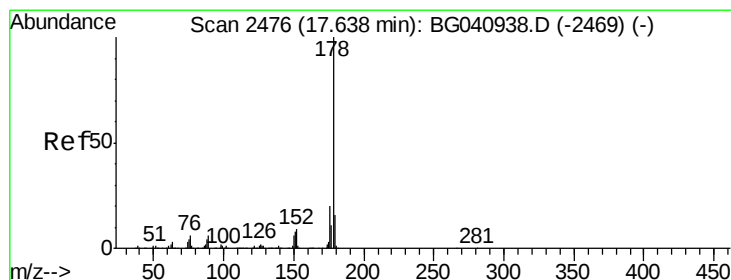
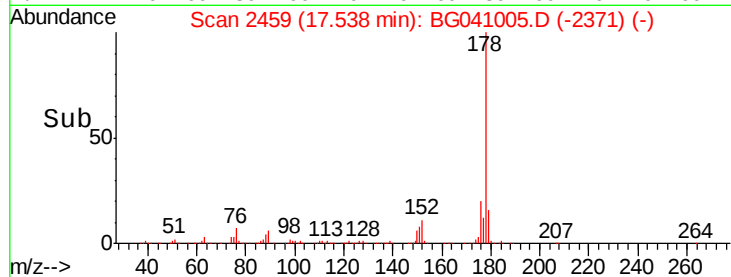
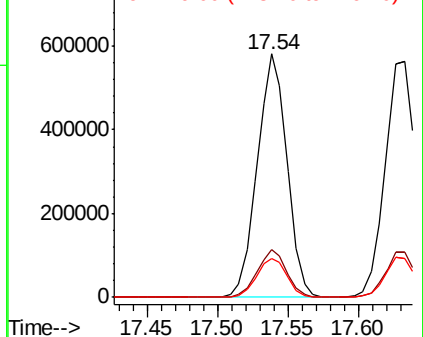


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.039 ng

RT: 17.63 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

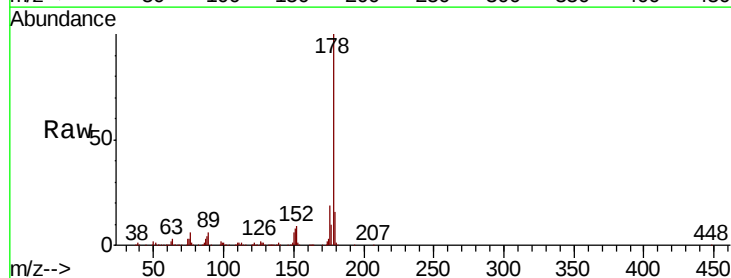
Tgt Ion:178 Resp: 852425

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 16.3 13.0 19.4

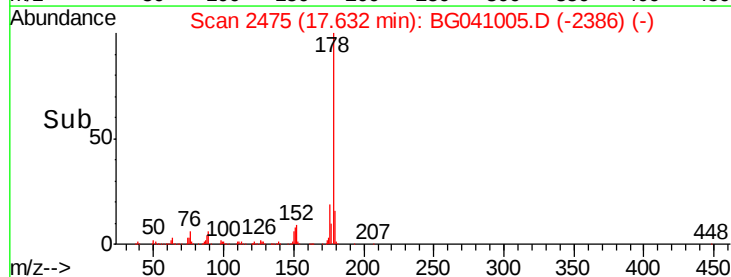
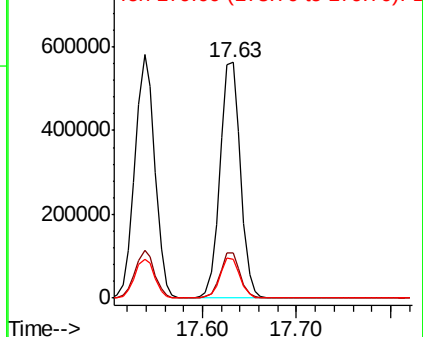


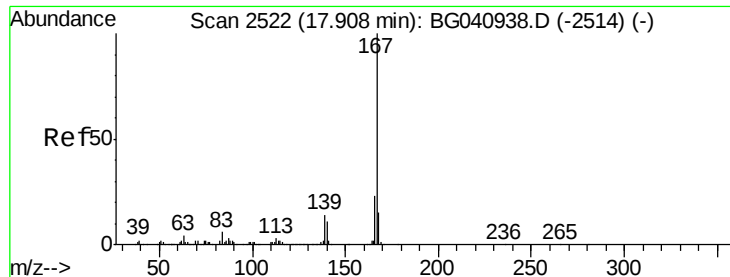
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

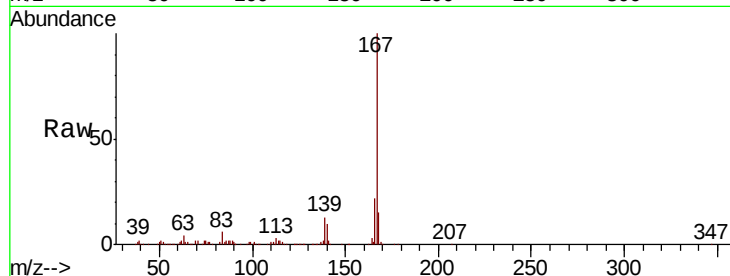




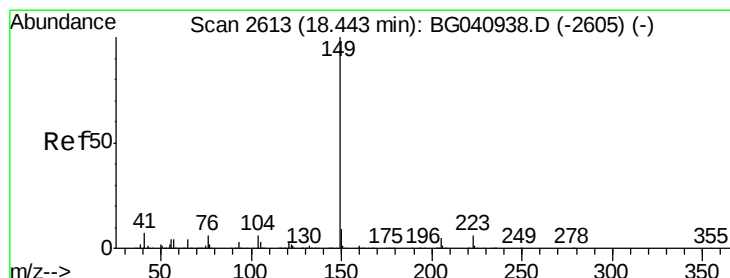
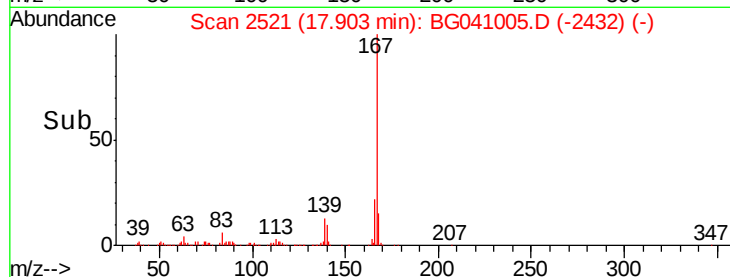
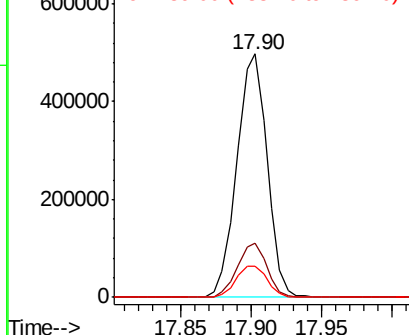
#73
 Carbazole
 Concen: 40.808 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	12.7	10.8	16.2

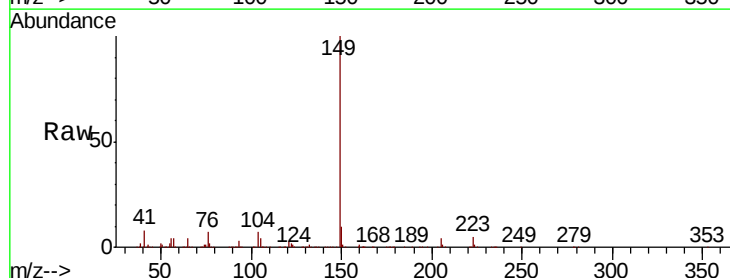


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

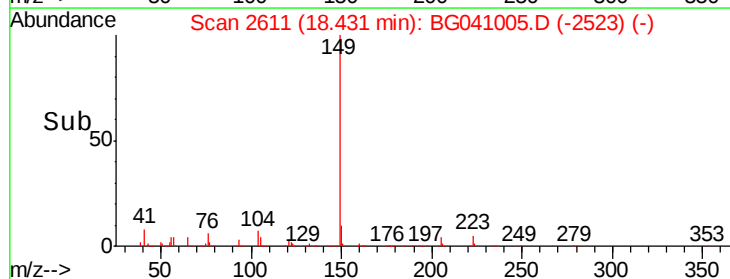
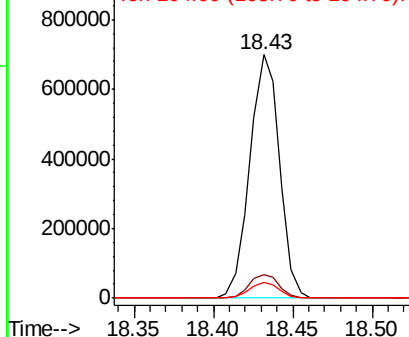


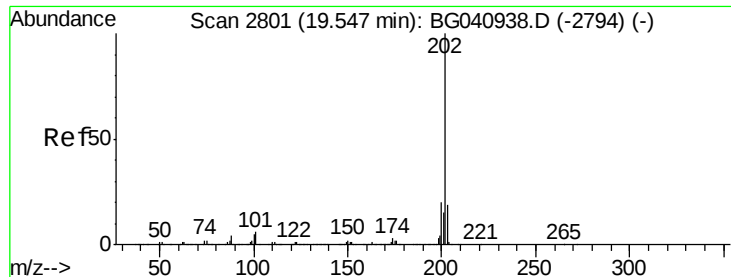
#74
 Di-n-butylphthalate
 Concen: 40.124 ng
 RT: 18.43 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BG041005.D
 Acq: 1 Jun 2019 10:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	6.6	5.0	7.4



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: 40.746 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

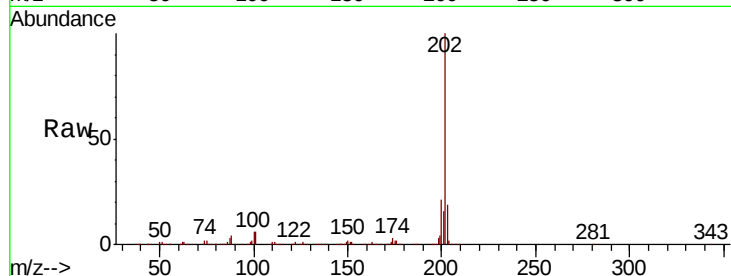
Tot Ion:202 Resp: 1086387

Ion Ratio Lower Upper

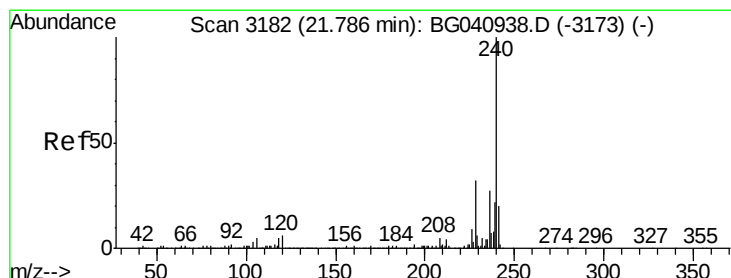
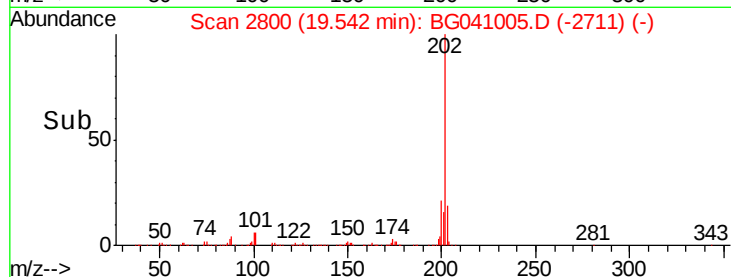
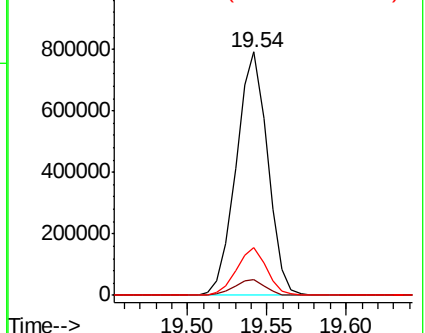
202 100

101 6.5 0.0 26.2

203 19.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

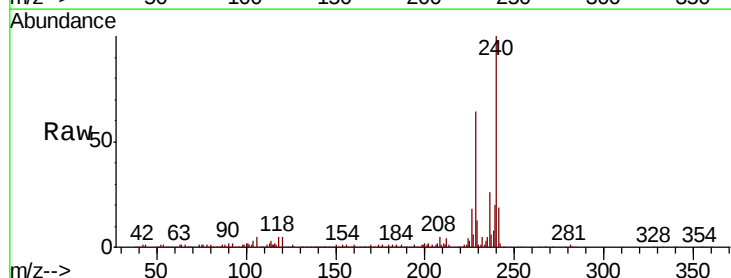
Tgt Ion:240 Resp: 414074

Ion Ratio Lower Upper

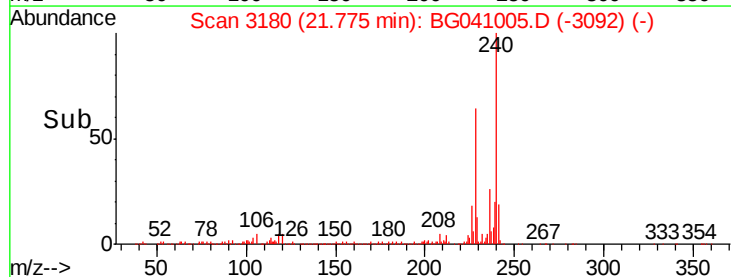
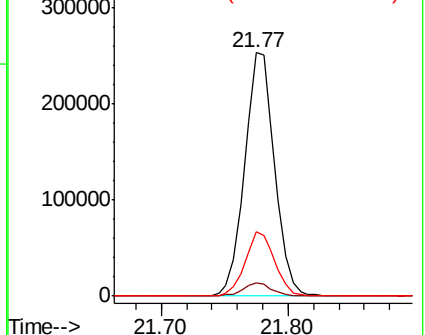
240 100

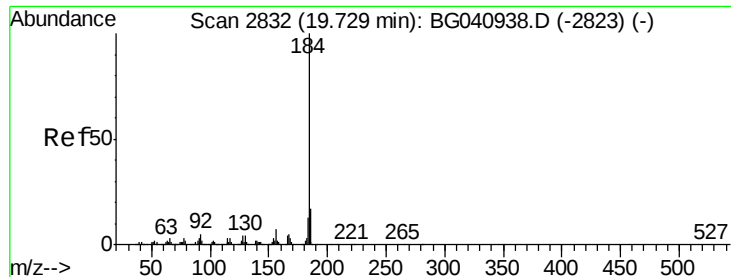
120 5.3 4.5 6.7

236 26.4 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.307 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

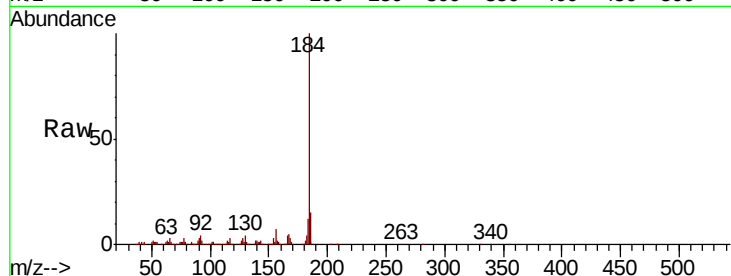
Tot Ion:184 Resp: 437662

Ion Ratio Lower Upper

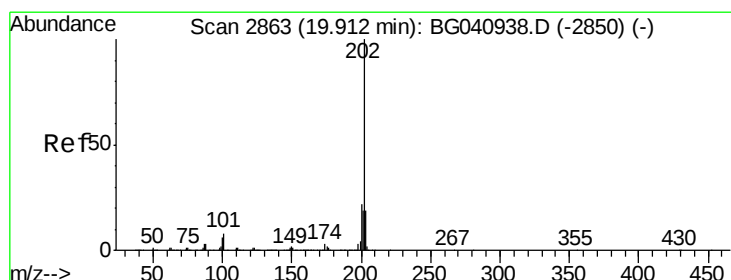
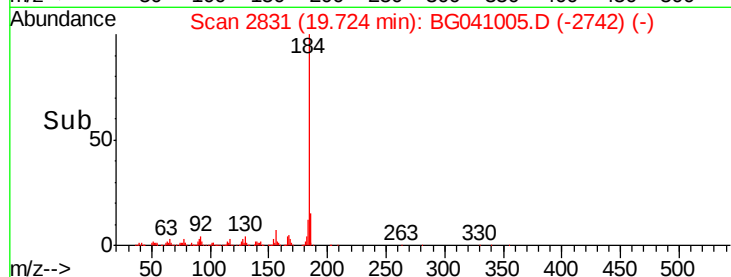
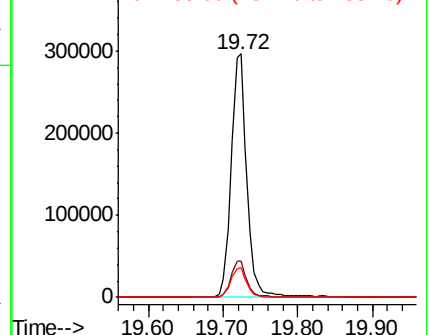
184 100

185 15.1 13.3 19.9

183 12.3 10.7 16.1



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: 40.541 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

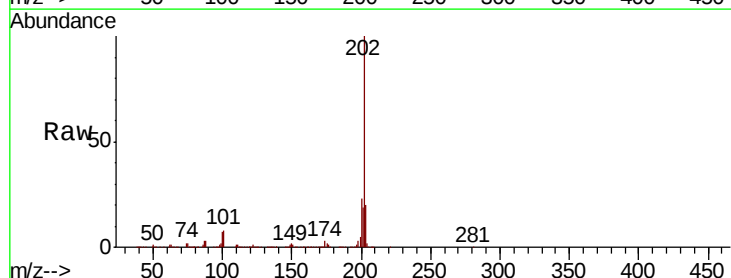
Tgt Ion:202 Resp: 1091276

Ion Ratio Lower Upper

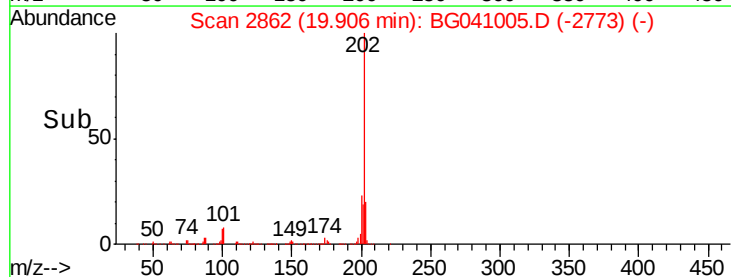
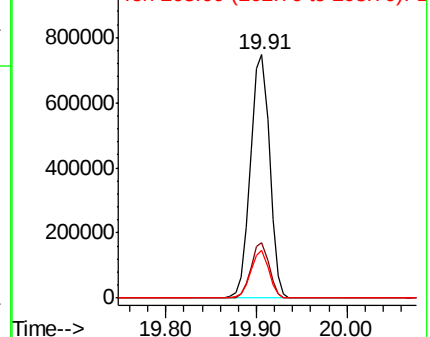
202 100

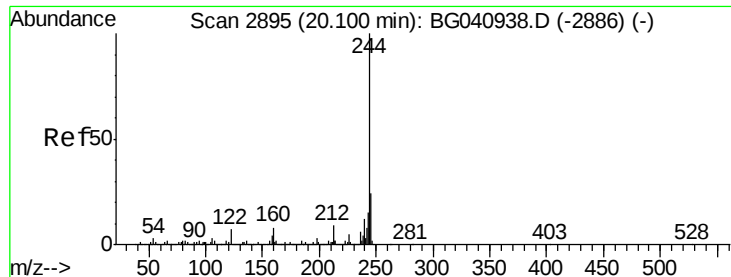
200 22.7 17.5 26.3

203 19.5 15.6 23.4



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: 81.126 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampled :

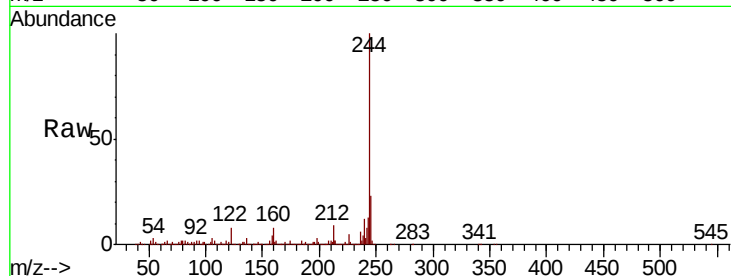
Tot Ion:244 Resp: 1582795

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

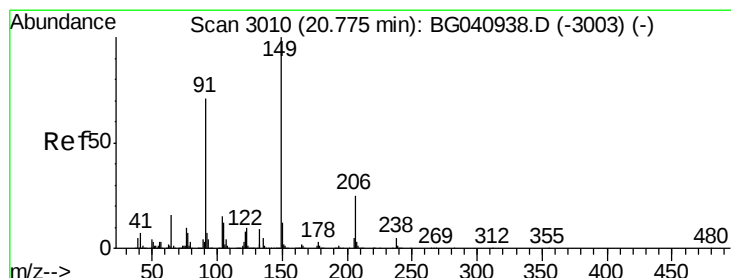
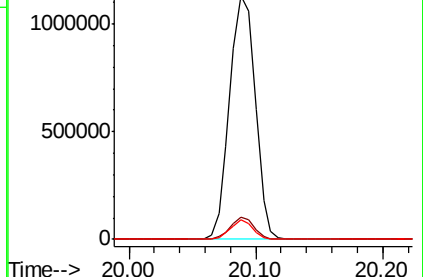
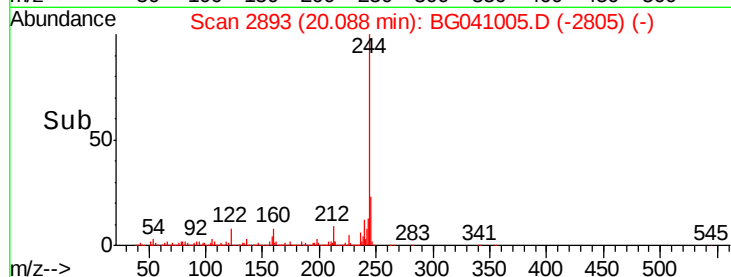
122 7.8 5.4 8.0



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: 40.538 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

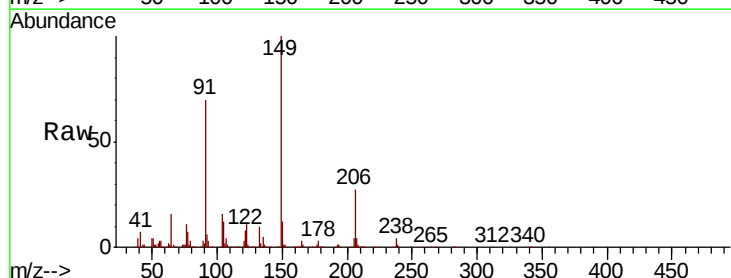
Tgt Ion:149 Resp: 424640

Ion Ratio Lower Upper

149 100

91 70.1 56.5 84.7

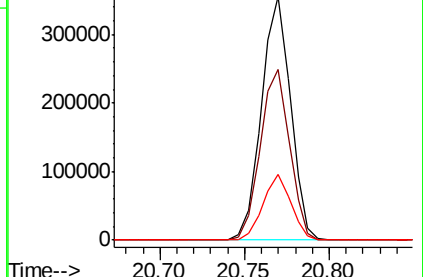
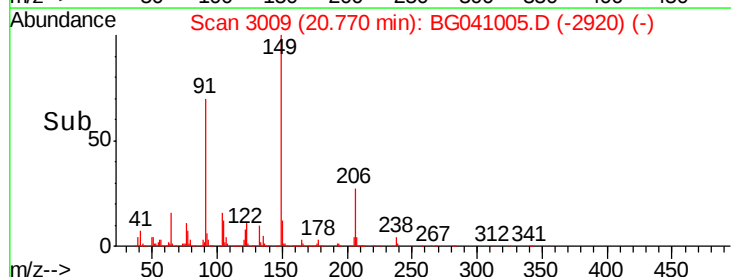
206 26.9 20.3 30.5

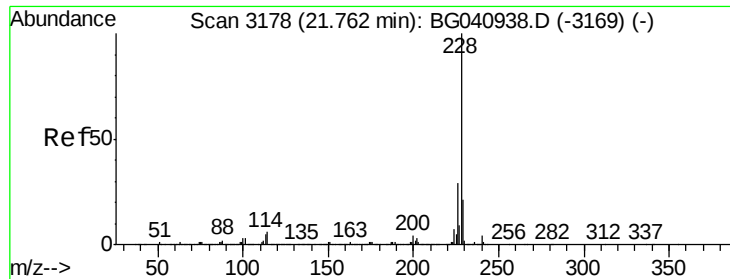


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.059 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

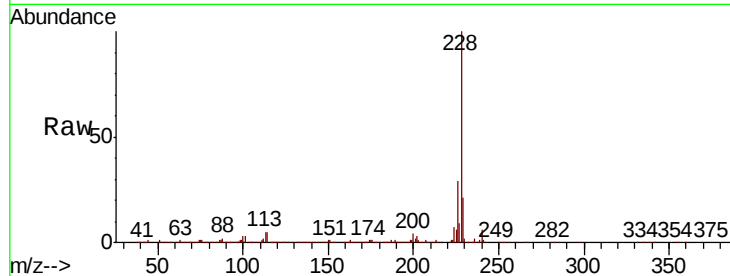
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1104151

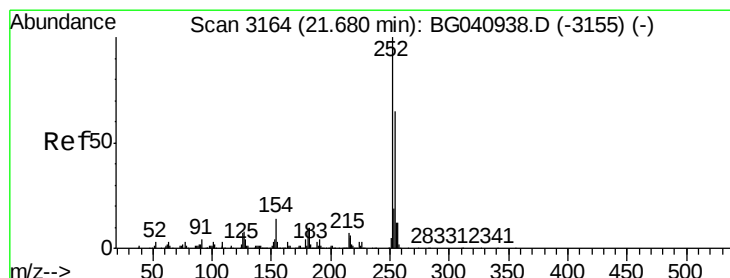
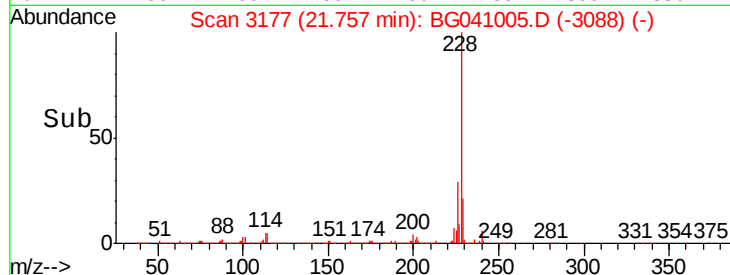
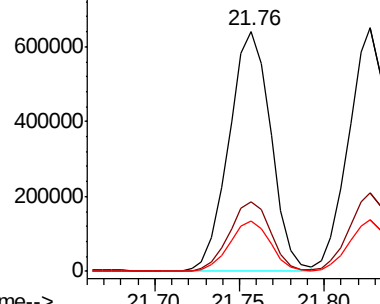
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	20.9	16.7	25.1



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: 40.652 ng

RT: 21.67 min Scan# 3162

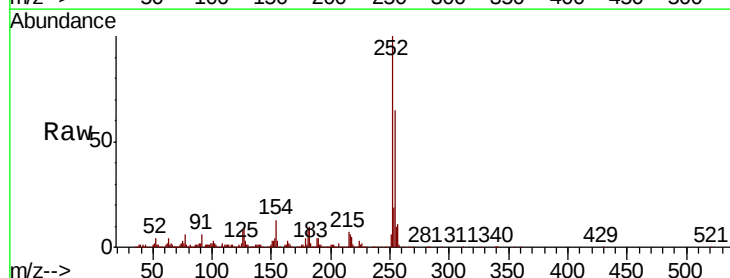
Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Tgt Ion:252 Resp: 394112

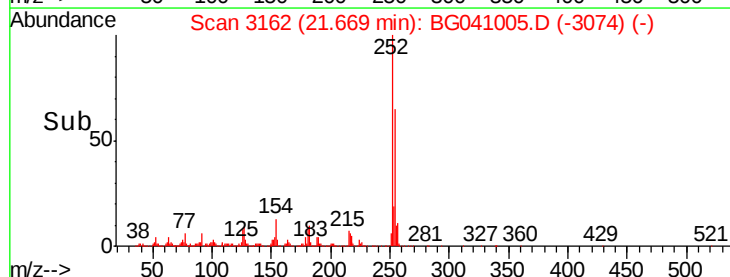
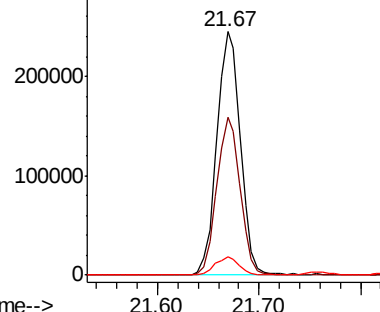
Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	7.8	5.5	8.3



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: 39.887 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

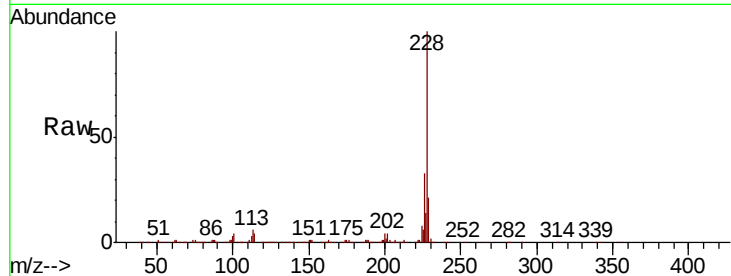
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1052098

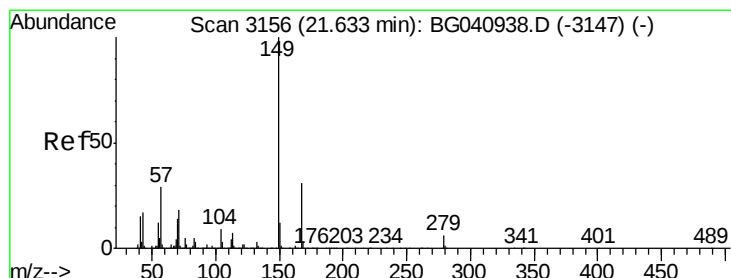
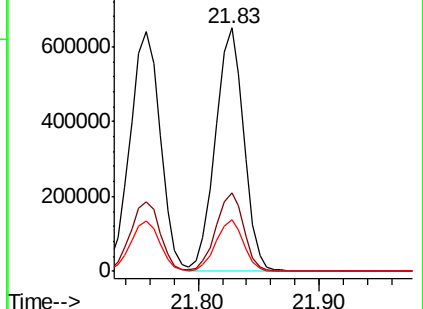
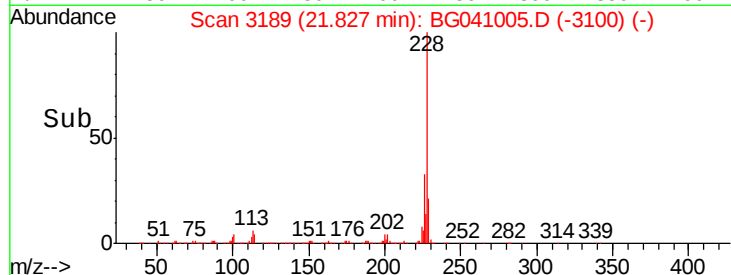
Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	21.2	16.6	24.8



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: 39.768 ng

RT: 21.63 min Scan# 3155

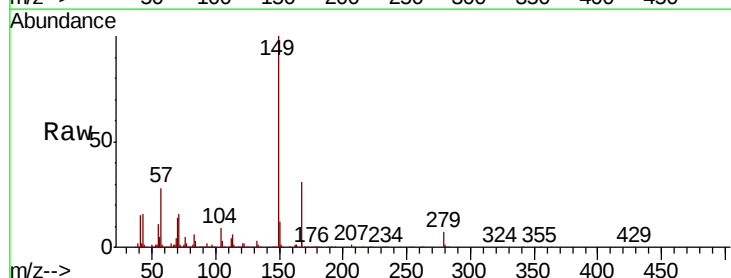
Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Tgt Ion:149 Resp: 586428

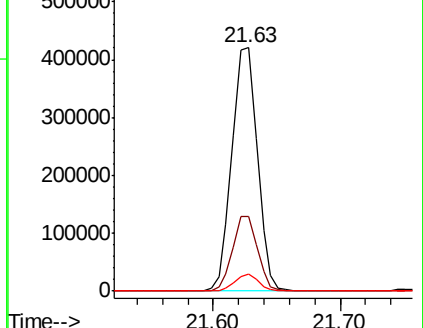
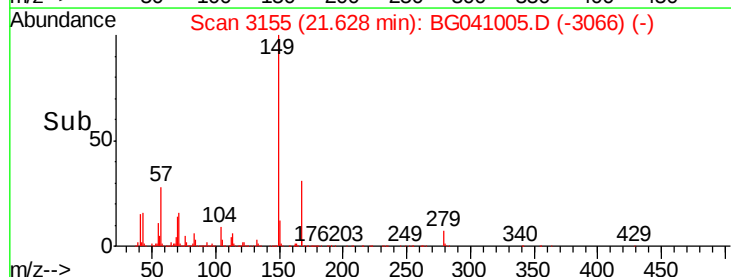
Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.6	37.0
279	6.8	5.0	7.6

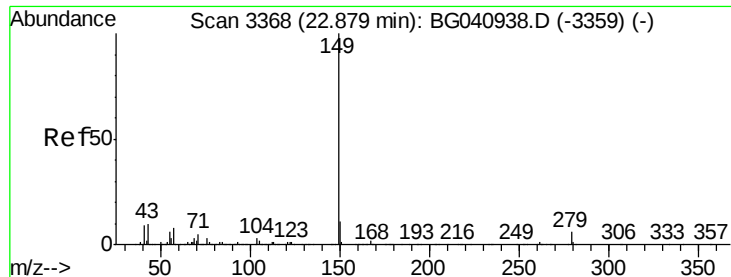


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.446 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Instrument :

BNA_G

ClientSampleId :

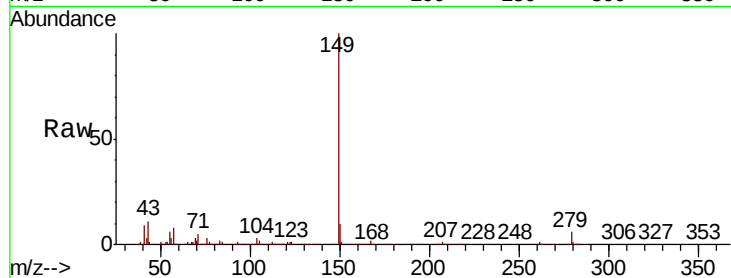
Tot Ion:149 Resp: 968745

Ion Ratio Lower Upper

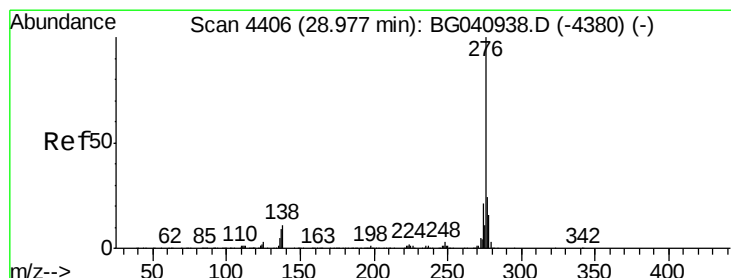
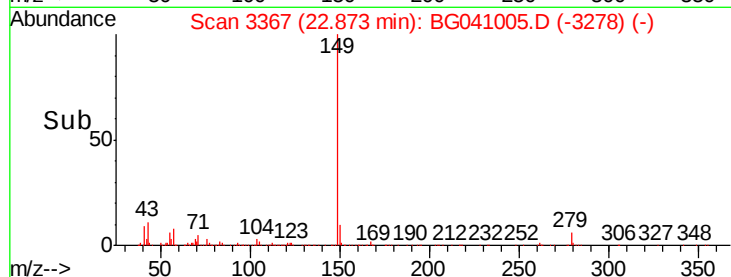
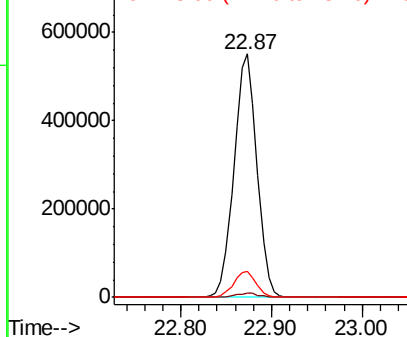
149 100

167 1.8 1.4 2.0

43 10.8 8.1 12.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.416 ng

RT: 28.95 min Scan# 4401

Delta R.T. -0.03 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

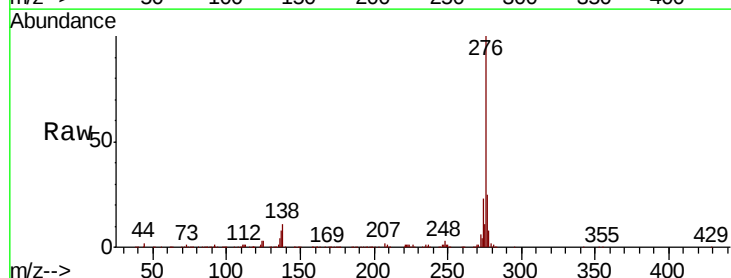
Tgt Ion:276 Resp: 1273569

Ion Ratio Lower Upper

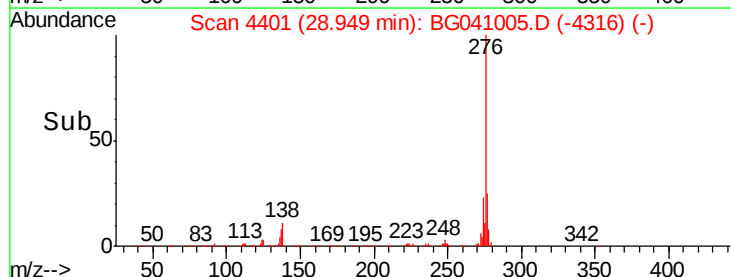
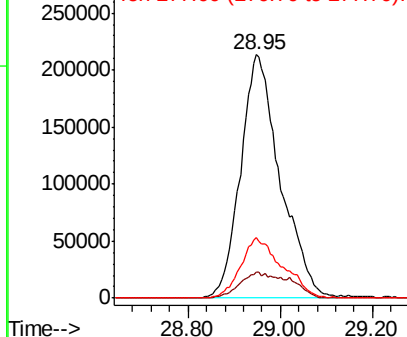
276 100

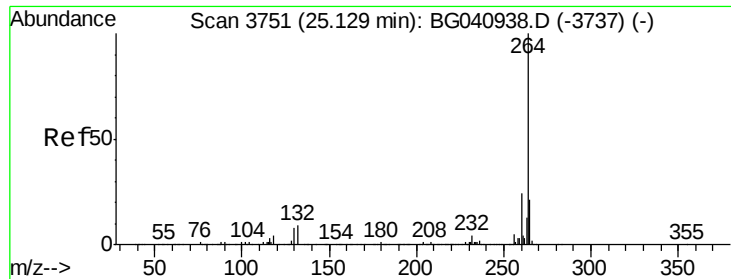
138 10.4 5.7 8.5#

277 26.0 20.8 31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

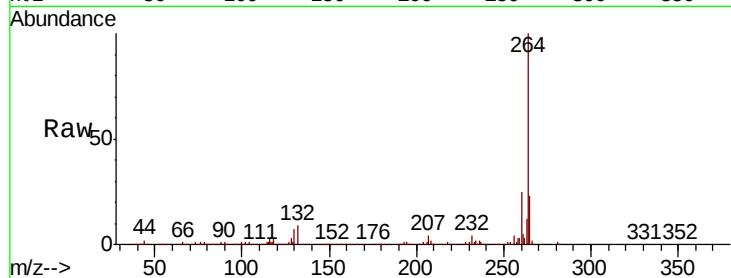
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 439923

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	23.0	17.0	25.4

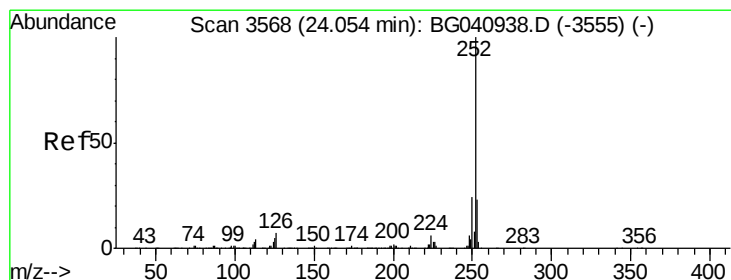
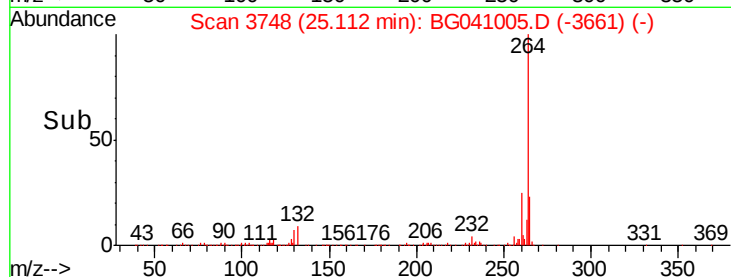
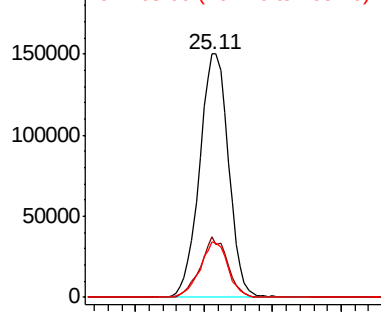


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.105 ng

RT: 24.05 min Scan# 3567

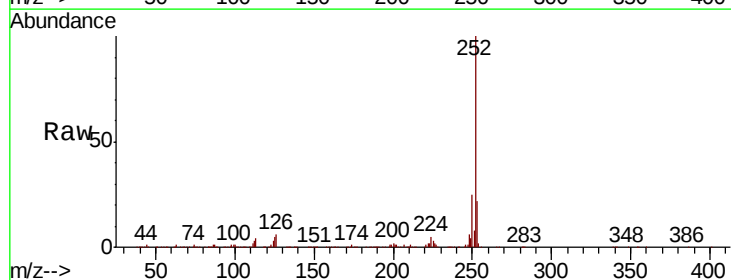
Delta R.T. -0.01 min

Lab File: BG041005.D

Acq: 1 Jun 2019 10:27

Tgt Ion:252 Resp: 1070122

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	5.4	4.3	6.5

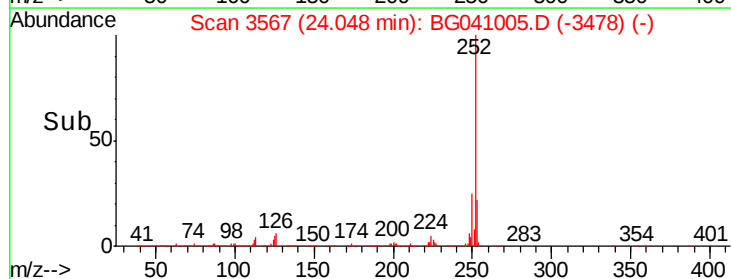
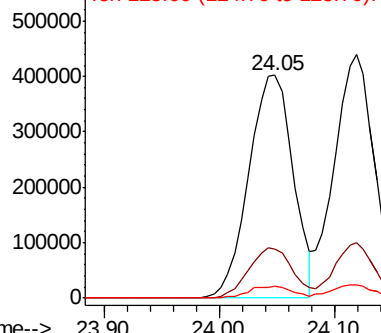


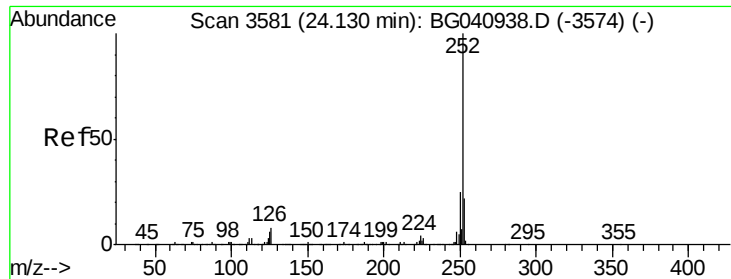
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

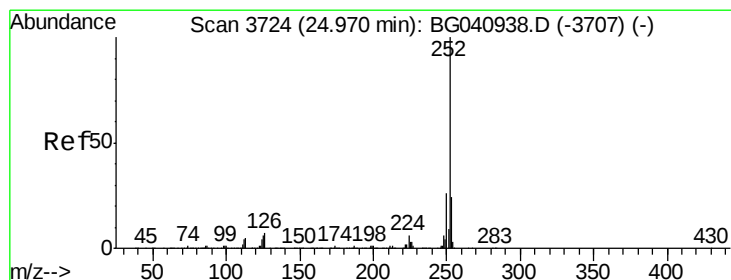
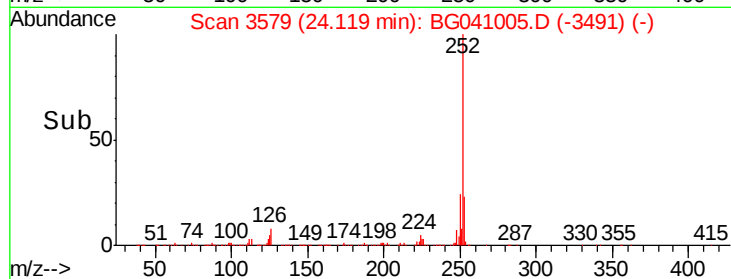
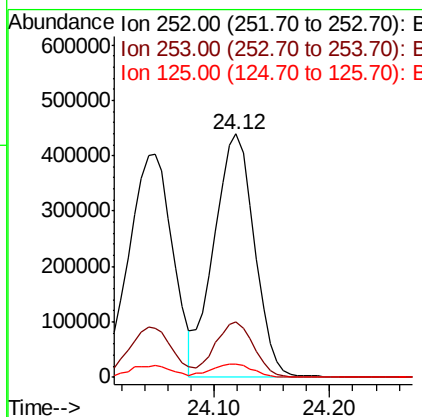
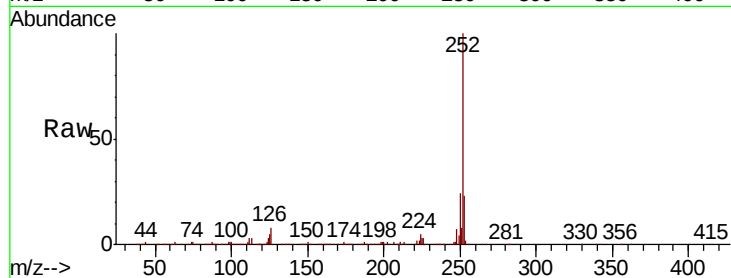




#89
Benzo(k)fluoranthene
Concen: 40.220 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

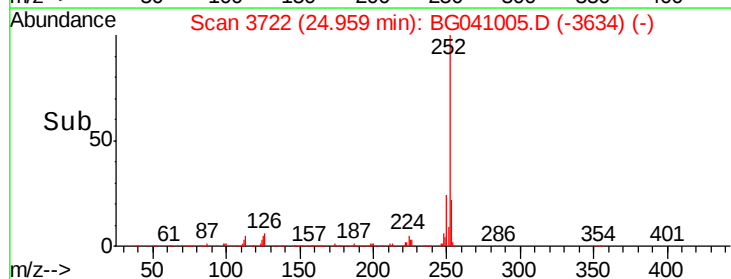
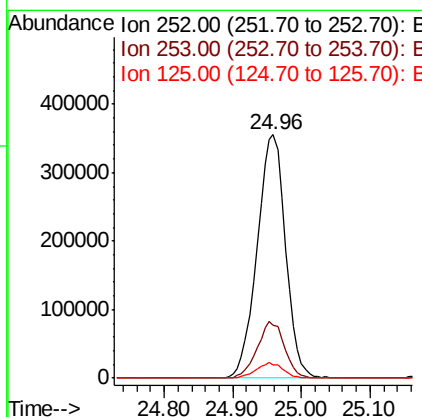
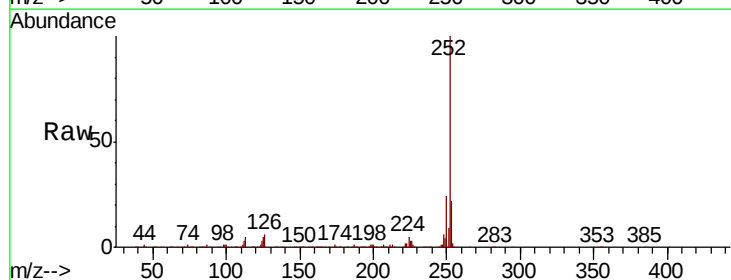
Instrument :
BNA_G
ClientSampleId :

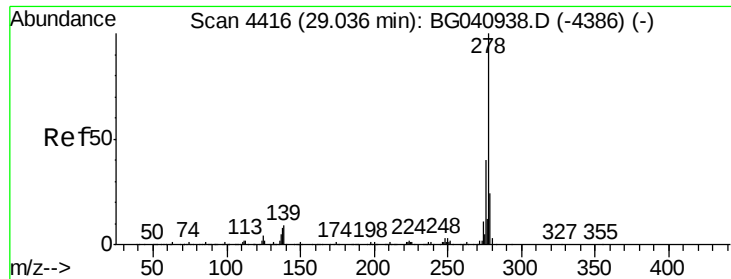
Tot Ion:252 Resp: 1061997
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 5.4 4.7 7.1



#90
Benzo(a)pyrene
Concen: 40.020 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion:252 Resp: 1018811
Ion Ratio Lower Upper
252 100
253 21.9 19.5 29.3
125 5.2 5.1 7.7

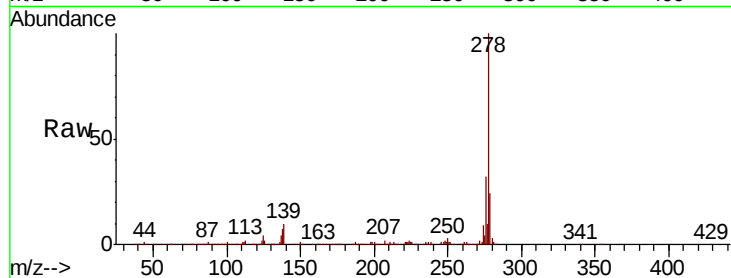




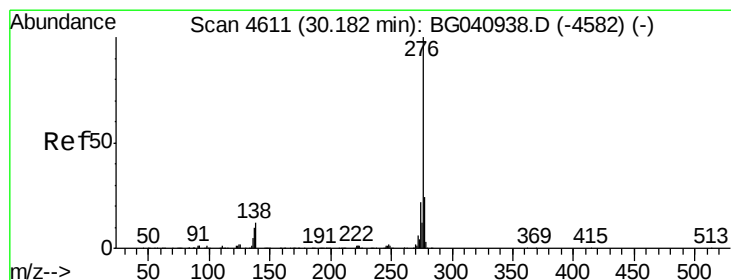
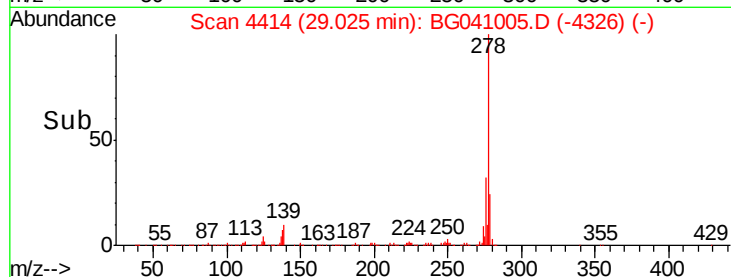
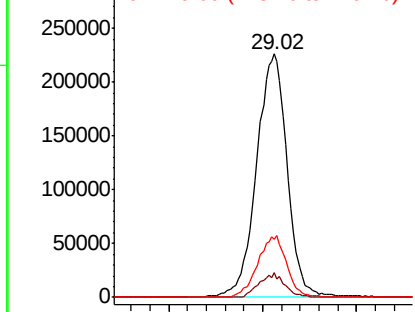
#91
Dibenzo(a,h)anthracene
Concen: 40.235 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1023460
Ion Ratio Lower Upper
278 100
139 10.1 7.1 10.7
279 23.9 19.4 29.2

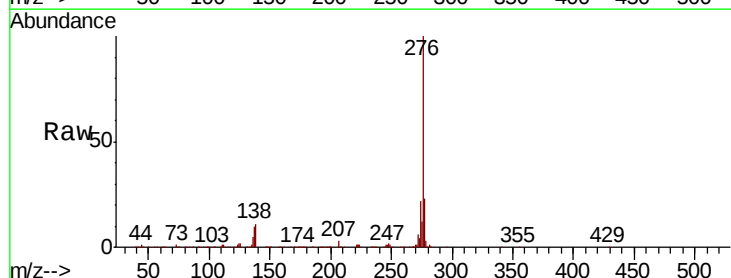


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.234 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG041005.D
Acq: 1 Jun 2019 10:27

Tgt Ion:276 Resp: 1019015
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 10.6 9.7 14.5



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

