

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
 Data File : BG039262.D
 Acq On : 23 Jan 2019 14:14
 Operator : JU/SJ
 Sample : IDOC-S-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 23 15:07:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	16881	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	73493	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	54980	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	143101	20.00	ng	0.00
76) Chrysene-d12	21.67	240	151282	20.00	ng	-0.01
87) Perylene-d12	24.93	264	143010	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	151406	170.14	ng	0.00
7) Phenol-d6	7.17	99	210302	164.21	ng	0.00
23) Nitrobenzene-d5	9.18	82	108723	80.95	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	123610	134.12	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	301986	75.17	ng	0.00
79) Terphenyl-d14	20.00	244	632637	77.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	11774	33.787	ng	92
3) Pyridine	3.84	79	28067	29.641	ng	98
4) n-Nitrosodimethylamine	3.77	42	18342	43.046	ng	92
6) Aniline	7.34	93	50415	32.779	ng	94
8) 2-Chlorophenol	7.57	128	48790	46.511	ng	96
9) Benzaldehyde	7.15	77	7998	10.829	ng	97
10) Phenol	7.20	94	62585	48.743	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	40223	40.989	ng	97
12) 1,3-Dichlorobenzene	7.89	146	46428	36.941	ng	98
13) 1,4-Dichlorobenzene	8.04	146	48256	37.911	ng	99
14) 1,2-Dichlorobenzene	8.36	146	45823	37.757	ng	100
15) Benzyl Alcohol	8.25	79	42130	43.683	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	73469	39.044	ng	98
17) 2-Methylphenol	8.46	107	40353	45.262	ng	99
18) Hexachloroethane	9.08	117	17107	39.560	ng	89
19) n-Nitroso-di-n-propylamine	8.81	70	34904	41.504	ng	97
20) 3+4-Methylphenols	8.78	107	60793	47.826	ng	95
22) Acetophenone	8.84	105	70552	36.760	ng	98
24) Nitrobenzene	9.23	77	52832	38.917	ng	97
25) Isophorone	9.74	82	100325	43.364	ng	96
26) 2-Nitrophenol	9.94	139	29417	40.062	ng	95
27) 2,4-Dimethylphenol	9.99	122	49729	48.138	ng	86
28) bis(2-Chloroethoxy)methane	10.22	93	58603	42.147	ng	98
29) 2,4-Dichlorophenol	10.48	162	56235	43.817	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	57505	37.292	ng	98
31) Naphthalene	10.87	128	155219	42.110	ng	100
32) Benzoic acid	10.17	122	17439	31.493	ng	98
33) 4-Chloroaniline	10.99	127	35844	21.733	ng	96
34) Hexachlorobutadiene	11.13	225	38646	36.422	ng	96
35) Caprolactam	11.78	113	10878	21.137	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	60937	44.393	ng	91
37) 2-Methylnaphthalene	12.47	142	121777	44.066	ng	98
38) 1-Methylnaphthalene	12.70	142	111753	42.130	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	78689	38.109	ng	99

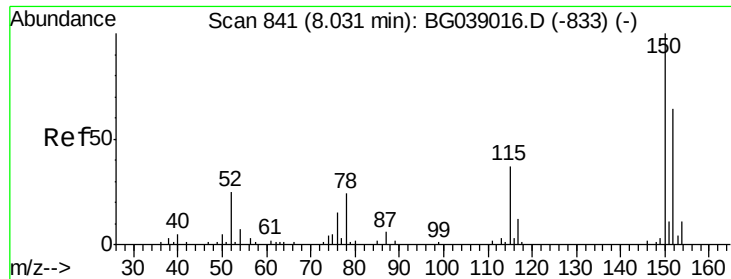
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
 Data File : BG039262.D
 Acq On : 23 Jan 2019 14:14
 Operator : JU/SJ
 Sample : IDOC-S-03
 Misc :
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Instrument :
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Quant Time: Jan 23 15:07:27 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	73593	64.481	ng	97
43) 2,4,6-Trichlorophenol	13.08	196	51306	39.480	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	55635	40.506	ng	97
46) 1,1'-Biphenyl	13.48	154	155984	35.805	ng	98
47) 2-Chloronaphthalene	13.53	162	125290	35.539	ng	98
48) 2-Nitroaniline	13.74	65	39249	39.740	ng	98
49) Acenaphthylene	14.38	152	222846	42.055	ng	98
50) Dimethylphthalate	14.10	163	202631	43.614	ng	98
51) 2,6-Dinitrotoluene	14.24	165	44323	42.670	ng	96
52) Acenaphthene	14.71	154	128319	40.305	ng	97
53) 3-Nitroaniline	14.58	138	29728	28.212	ng	98
54) 2,4-Dinitrophenol	14.78	184	48097	77.619	ng	98
55) Dibenzofuran	15.05	168	220208	39.163	ng	99
56) 4-Nitrophenol	14.88	139	63532	83.794	ng	98
57) 2,4-Dinitrotoluene	15.02	165	59226	39.742	ng	# 94
58) Fluorene	15.69	166	174613	41.256	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	55138	42.527	ng	99
60) Diethylphthalate	15.45	149	187309	39.130	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	101047	37.896	ng	97
62) 4-Nitroaniline	15.74	138	39973	36.415	ng	94
63) Azobenzene	15.98	77	144129	38.502	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	38045	35.886	ng	91
66) n-Nitrosodiphenylamine	15.91	169	158779	37.428	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	69103	37.566	ng	99
68) Hexachlorobenzene	16.69	284	73764	36.749	ng	97
69) Atrazine	16.85	200	64709	35.906	ng	95
70) Pentachlorophenol	17.05	266	72950	60.358	ng	99
71) Phenanthrene	17.44	178	305452	40.383	ng	99
72) Anthracene	17.53	178	309968	41.447	ng	98
73) Carbazole	17.81	167	270716	36.669	ng	98
74) Di-n-butylphthalate	18.34	149	317838	38.699	ng	99
75) Fluoranthene	19.45	202	380952	40.627	ng	99
77) Benzidine	19.64	184	117627	25.421	ng	99
78) Pyrene	19.81	202	377592	39.165	ng	99
80) Butylbenzylphthalate	20.68	149	142382	38.830	ng	98
81) Benzo(a)anthracene	21.65	228	385175	41.825	ng	100
82) 3,3'-Dichlorobenzidine	21.57	252	100829	26.871	ng	99
83) Chrysene	21.72	228	346529	39.563	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	203971	40.062	ng	97
85) Di-n-octyl phthalate	22.73	149	409082	47.517	ng	100
86) Indeno(1,2,3-cd)pyrene	28.67	276	426693	40.770	ng	100
88) Benzo(b)fluoranthene	23.89	252	382094	48.455	ng	99
89) Benzo(k)fluoranthene	23.95	252	368113	47.214	ng	98
90) Benzo(a)pyrene	24.78	252	357870	46.952	ng	98
91) Dibenzo(a,h)anthracene	28.73	278	356562	47.031	ng	99
92) Benzo(g,h,i)perylene	29.84	276	346701	46.193	ng	97

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

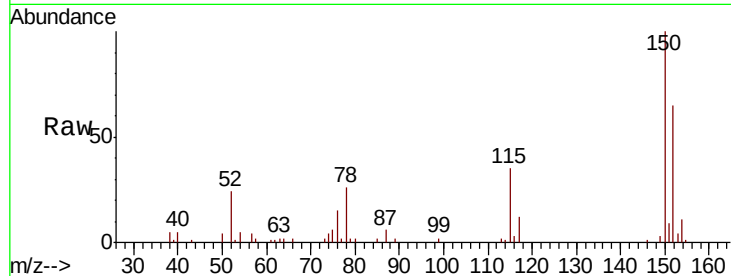


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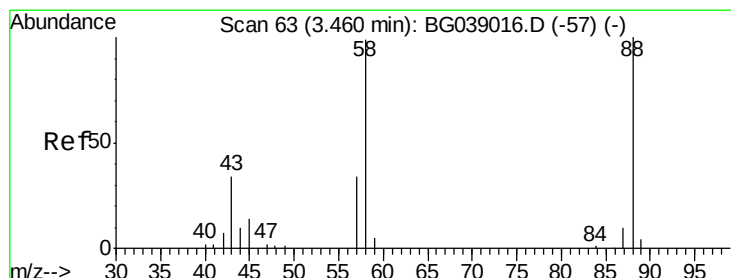
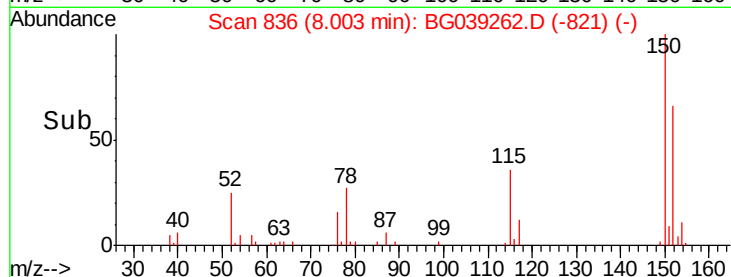
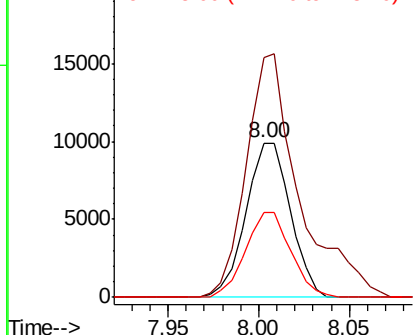
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 16881
Ion Ratio Lower Upper
152 100
150 154.7 124.7 187.1
115 54.6 46.5 69.7



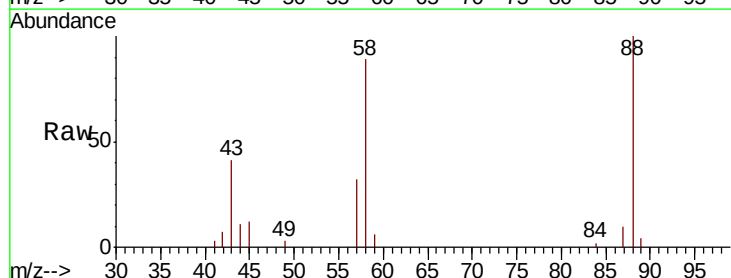
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



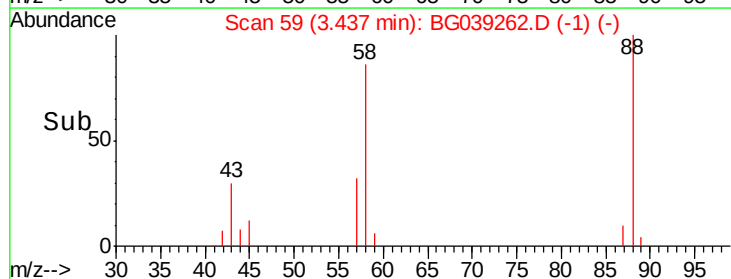
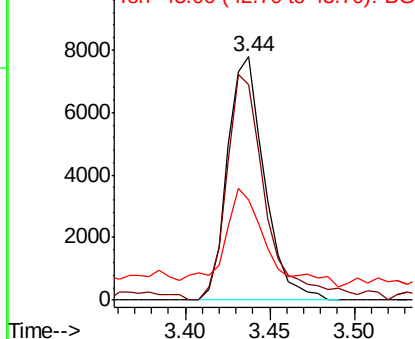
#2

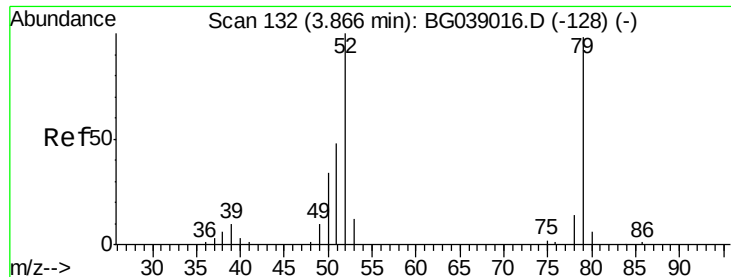
1,4-Dioxane
Concen: 33.787 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion: 88 Resp: 11774
Ion Ratio Lower Upper
88 100
58 98.4 72.4 108.6
43 37.7 27.6 41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.641 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

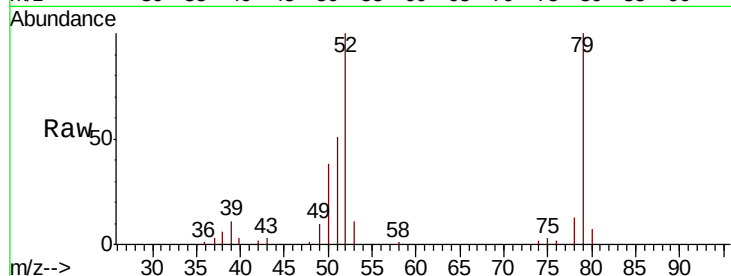
Tot Ion: 79 Resp: 28067

Ion Ratio Lower Upper

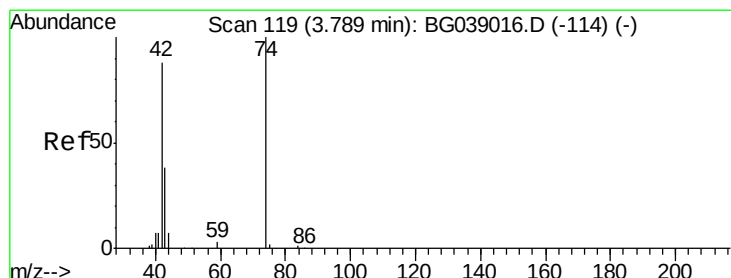
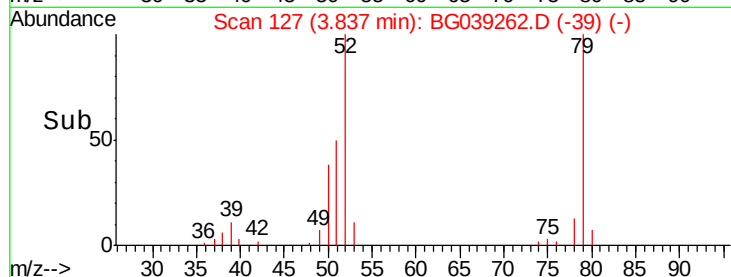
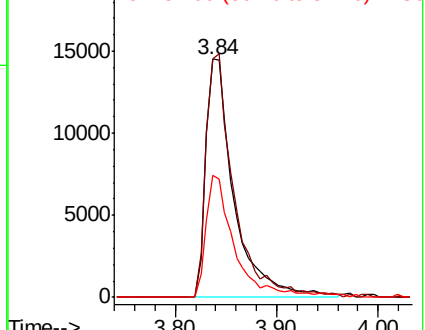
79 100

52 100.1 81.5 122.3

51 51.2 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 43.046 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

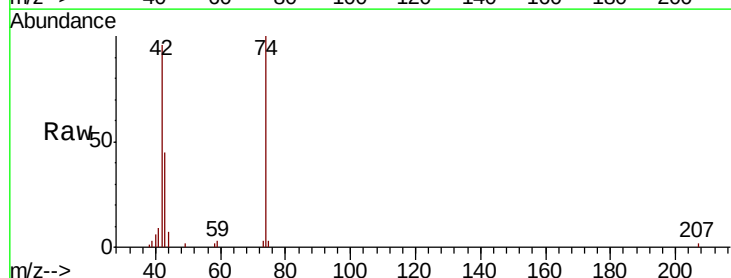
Tgt Ion: 42 Resp: 18342

Ion Ratio Lower Upper

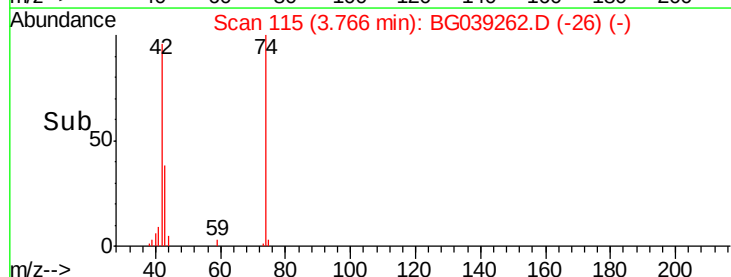
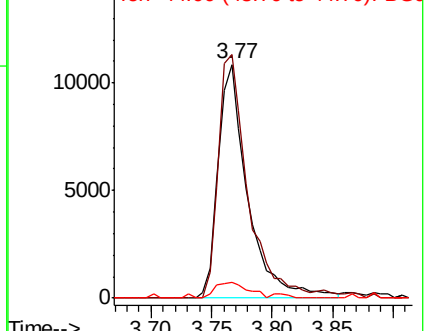
42 100

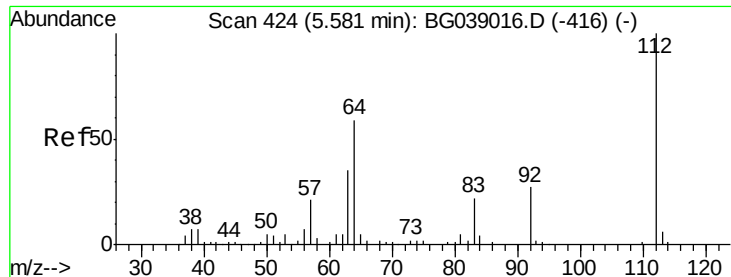
74 104.3 90.7 136.1

44 6.9 6.5 9.7



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





#5

2-Fluorophenol

Concen: 170.141 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampled :

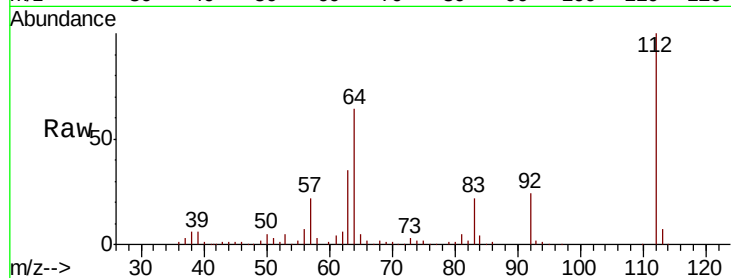
Tot Ion:112 Resp: 151406

Ion Ratio Lower Upper

112 100

64 63.9 47.0 70.6

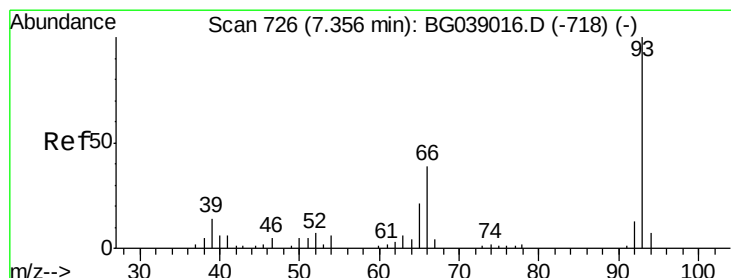
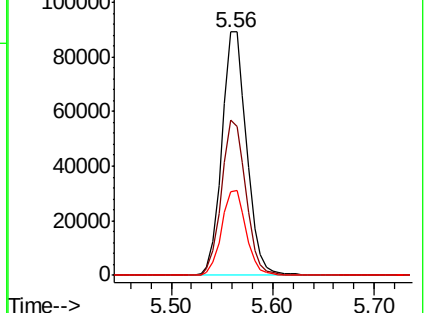
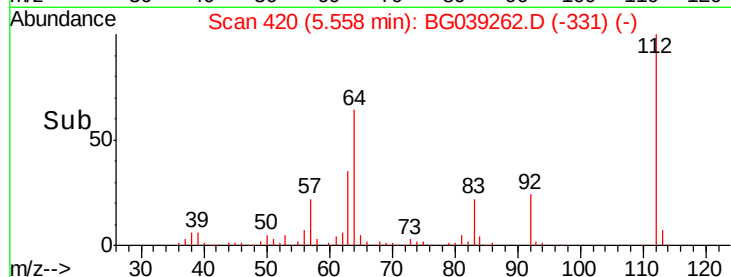
63 34.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.779 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

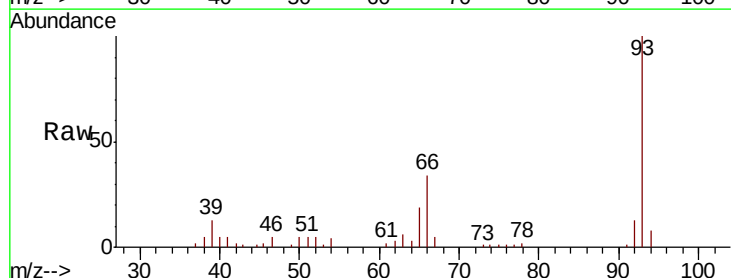
Tgt Ion: 93 Resp: 50415

Ion Ratio Lower Upper

93 100

66 34.2 30.9 46.3

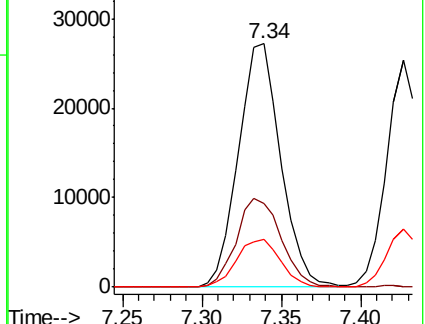
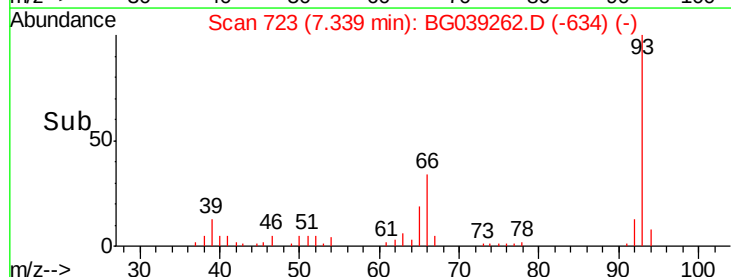
65 19.4 17.0 25.4

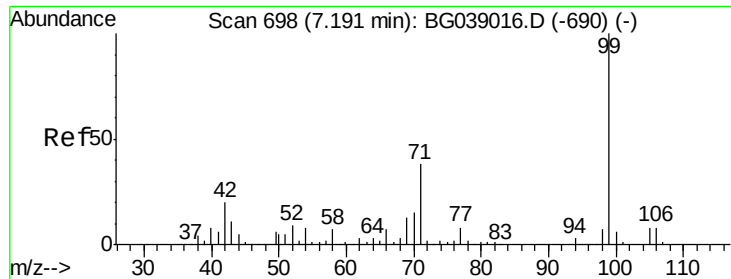


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 164.213 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

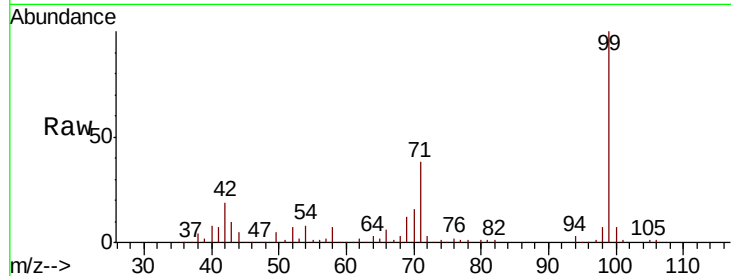
Tot Ion: 99 Resp: 210302

Ion Ratio Lower Upper

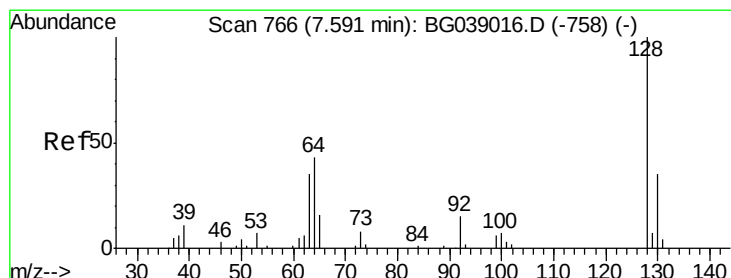
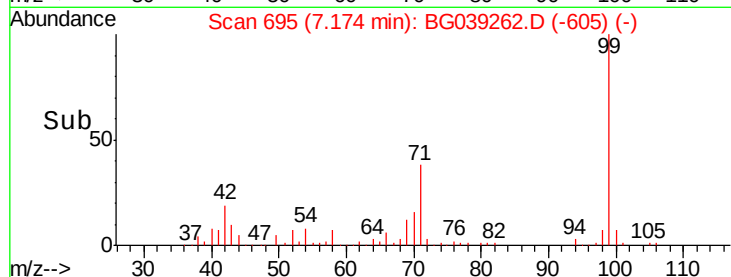
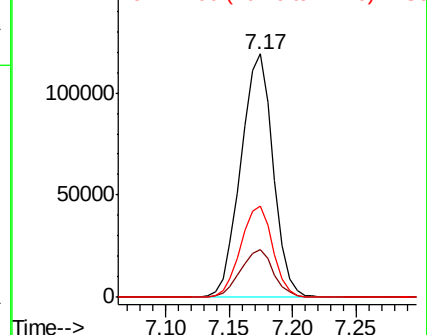
99 100

42 19.5 15.8 23.6

71 37.7 30.2 45.4



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



#8

2-Chlorophenol

Concen: 46.511 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

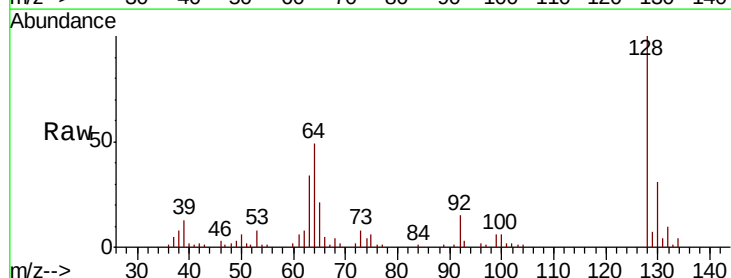
Tgt Ion: 128 Resp: 48790

Ion Ratio Lower Upper

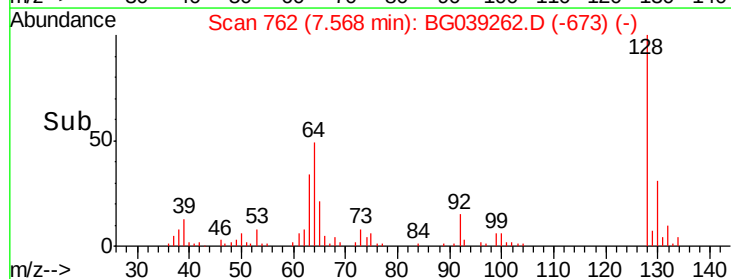
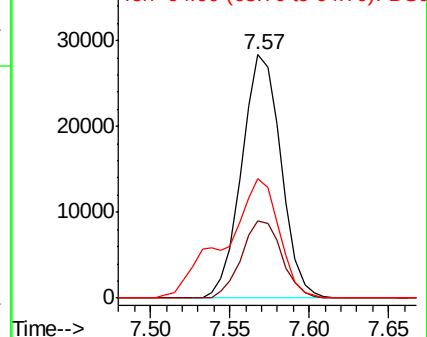
128 100

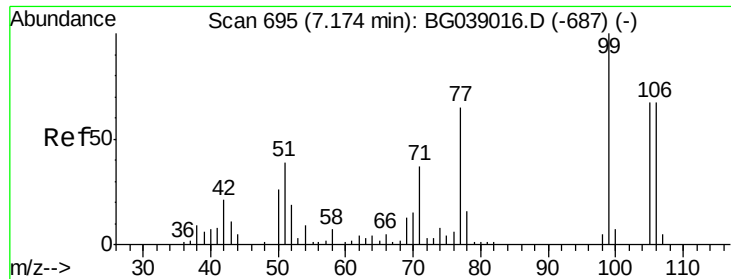
130 31.5 14.5 54.5

64 49.2 27.3 67.3



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





#9

Benzaldehyde

Concen: 10.829 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampled :

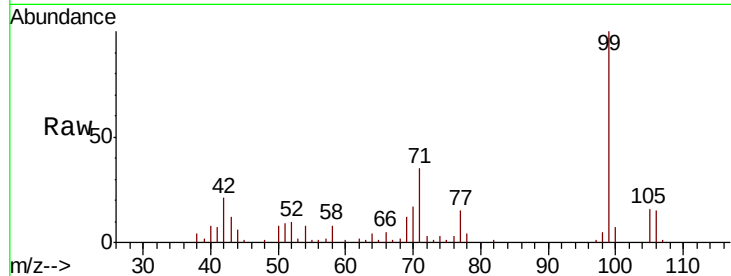
Tot Ion: 77 Resp: 7998

Ion Ratio Lower Upper

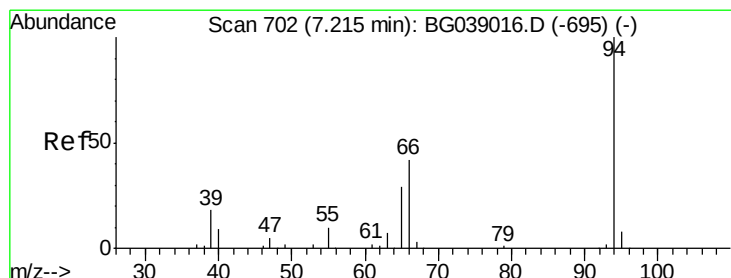
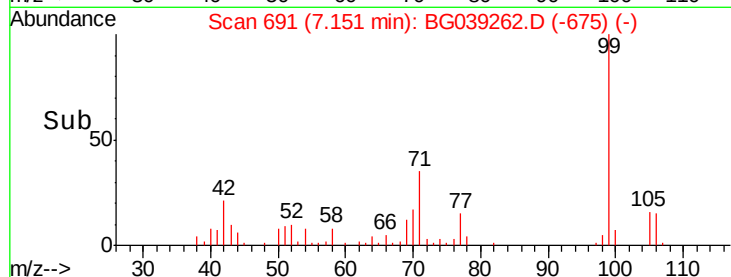
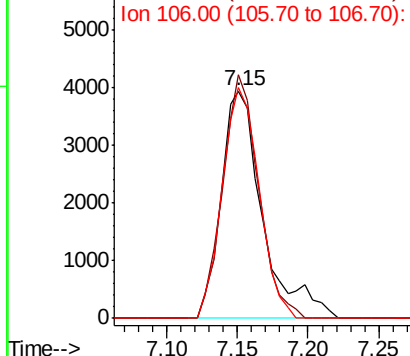
77 100

105 107.1 82.4 122.4

106 101.3 82.8 122.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.743 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

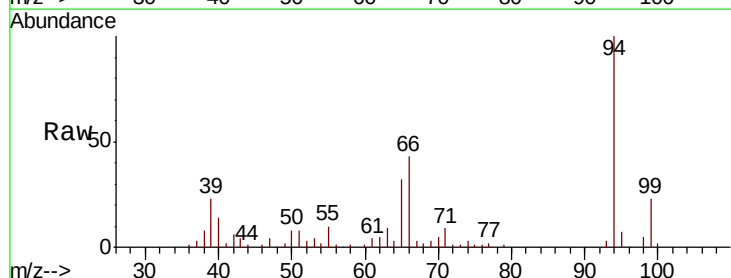
Tgt Ion: 94 Resp: 62585

Ion Ratio Lower Upper

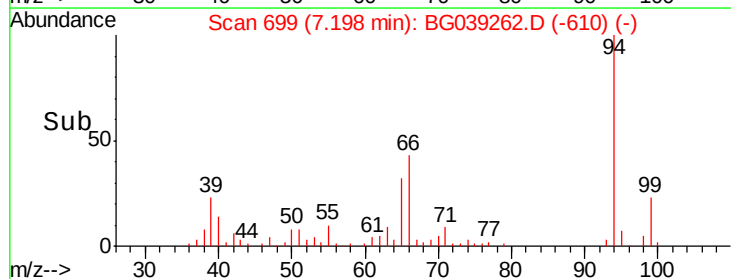
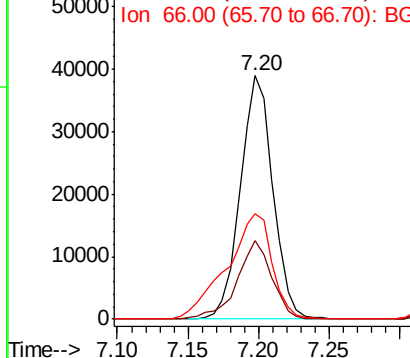
94 100

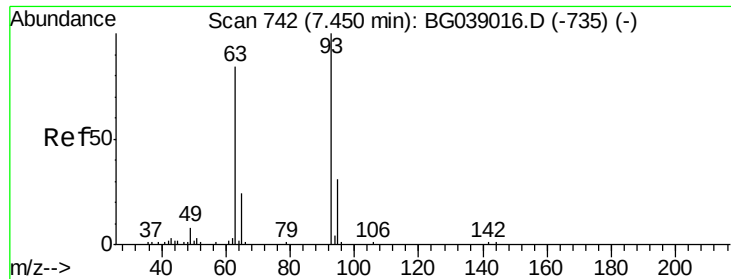
65 32.1 10.3 50.3

66 43.0 25.1 65.1



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





#11

bis(2-Chloroethyl)ether

Concen: 40.989 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

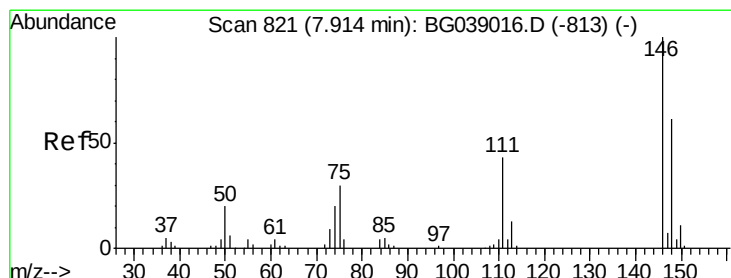
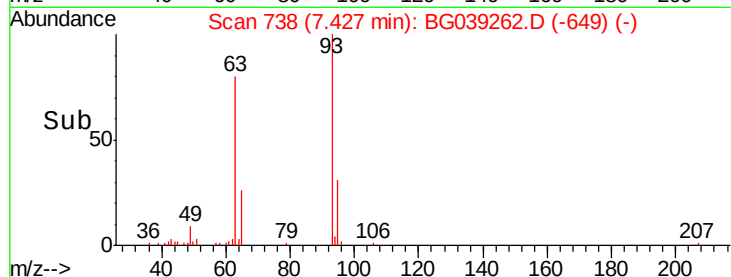
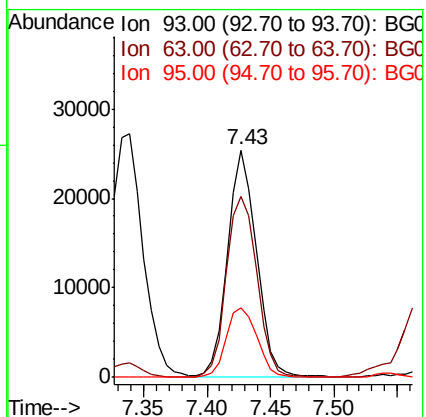
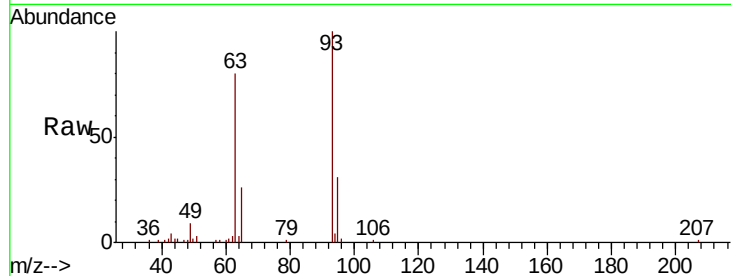
Tot Ion: 93 Resp: 40223

Ion Ratio Lower Upper

93 100

63 79.7 63.2 103.2

95 30.5 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 36.941 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

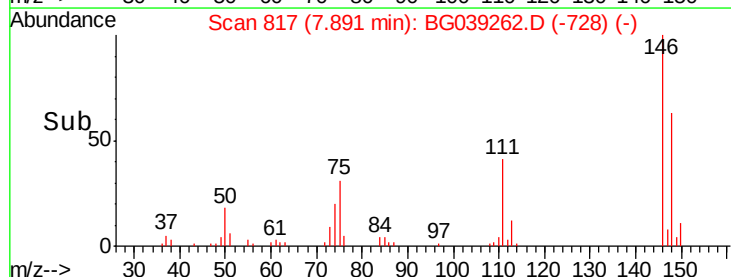
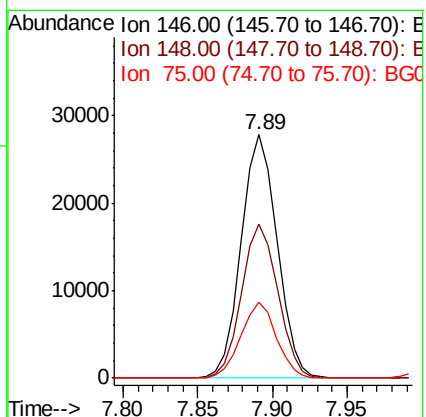
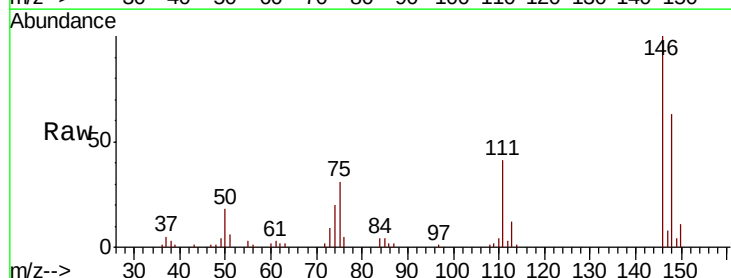
Tgt Ion: 146 Resp: 46428

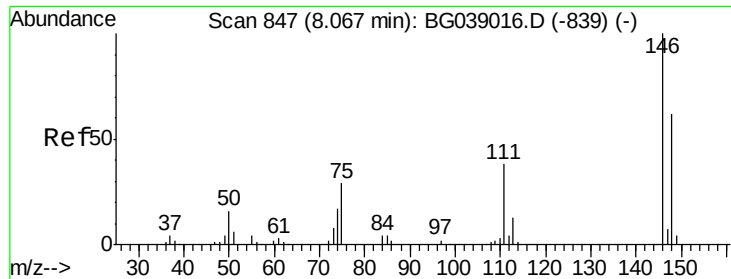
Ion Ratio Lower Upper

146 100

148 63.3 49.1 73.7

75 31.3 23.9 35.9

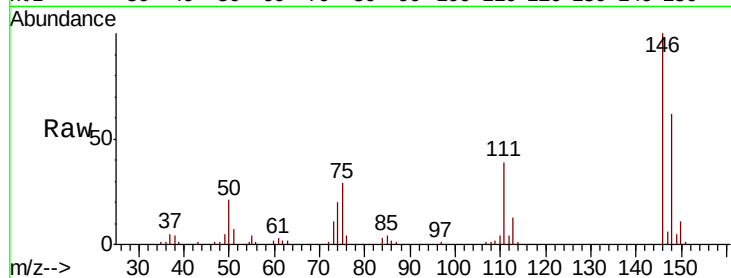




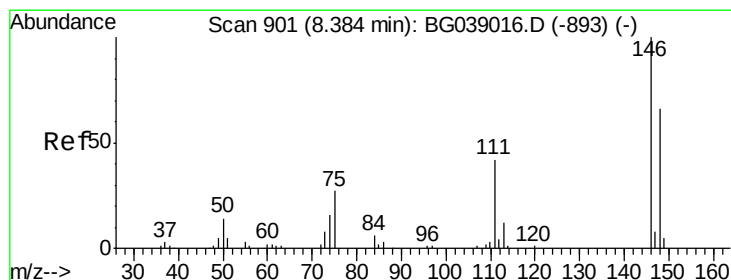
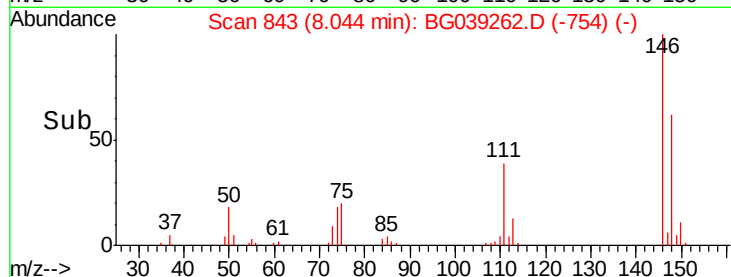
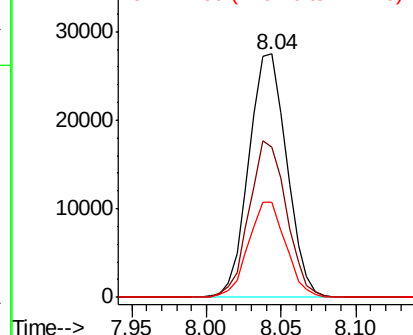
#13
 1,4-Dichlorobenzene
 Concen: 37.911 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 48256
 Ion Ratio Lower Upper
 146 100
 148 61.8 49.8 74.6
 111 39.3 30.6 45.8

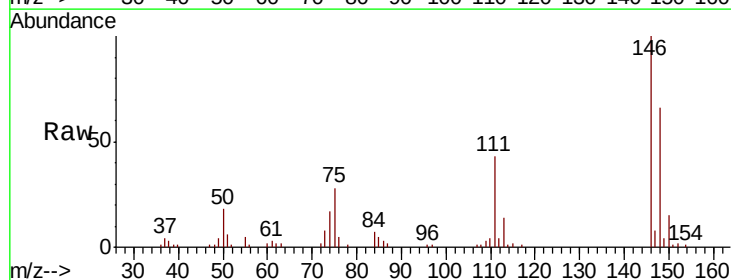


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

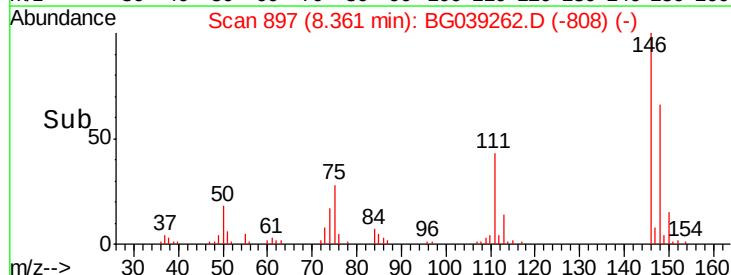
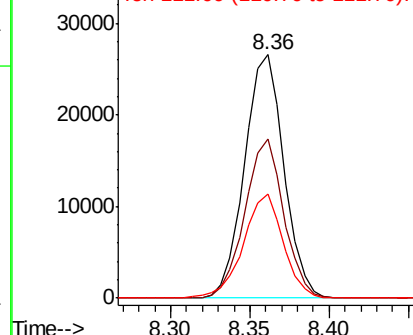


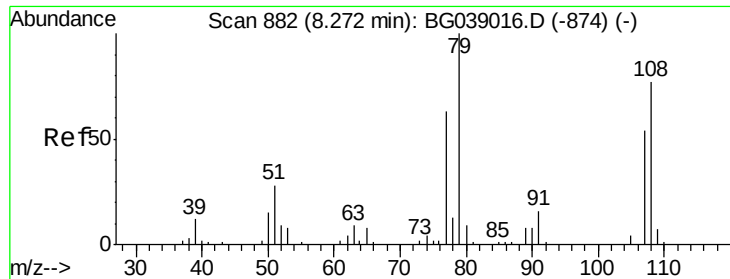
#14
 1,2-Dichlorobenzene
 Concen: 37.757 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion:146 Resp: 45823
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.6 79.0
 111 42.9 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 43.683 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :

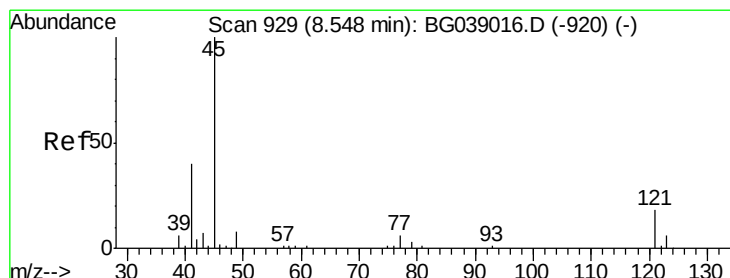
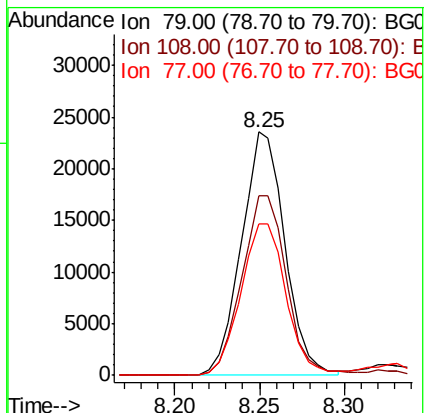
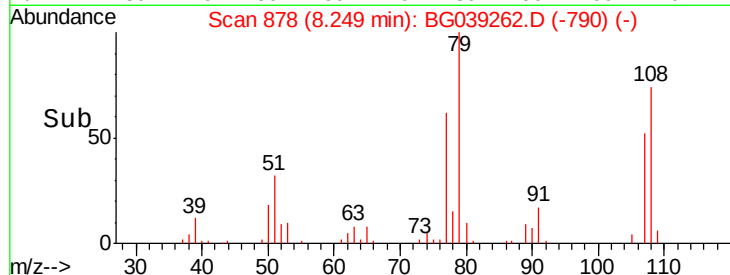
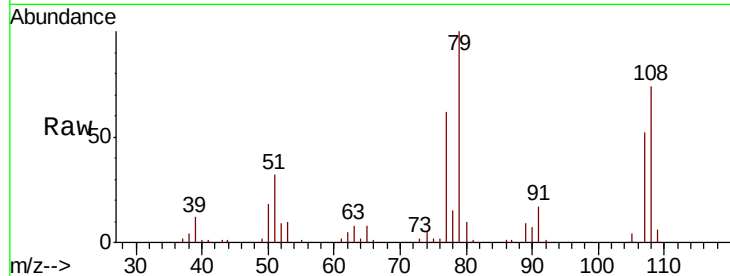
Tot Ion: 79 Resp: 42130

Ion Ratio Lower Upper

79 100

108 73.6 62.0 93.0

77 62.4 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.044 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

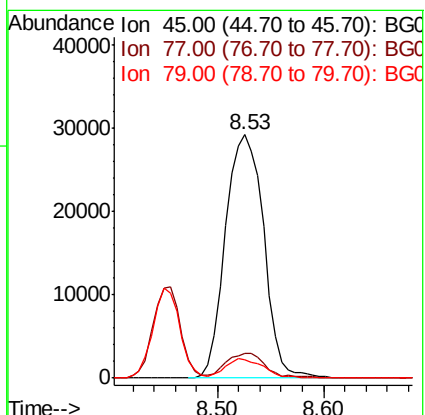
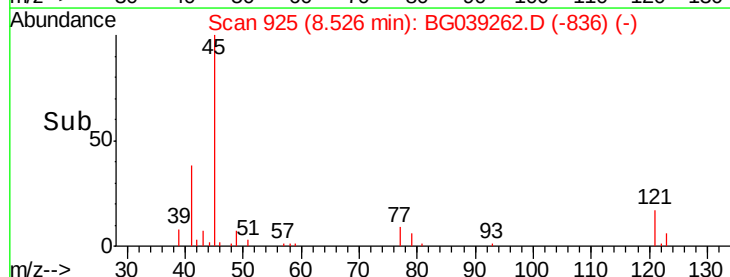
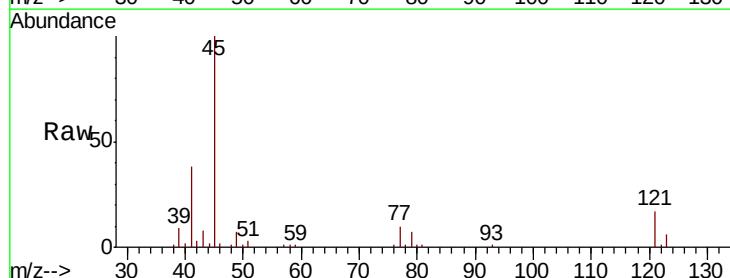
Tgt Ion: 45 Resp: 73469

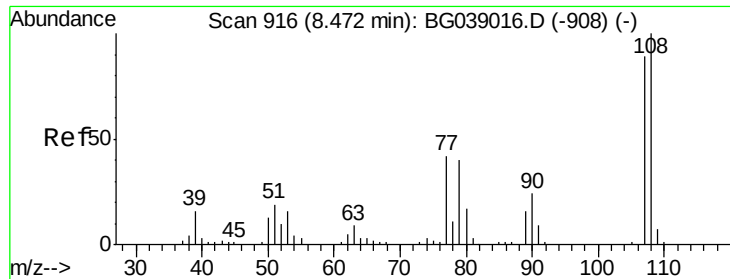
Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.7

79 7.5 0.0 28.5

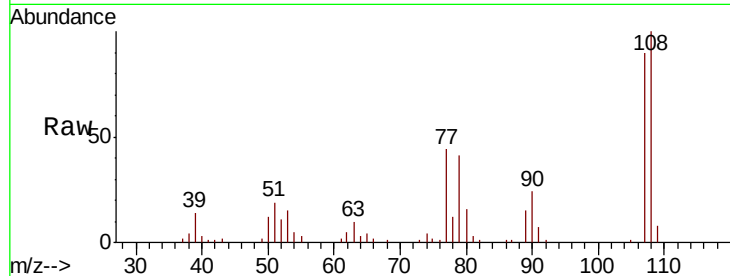




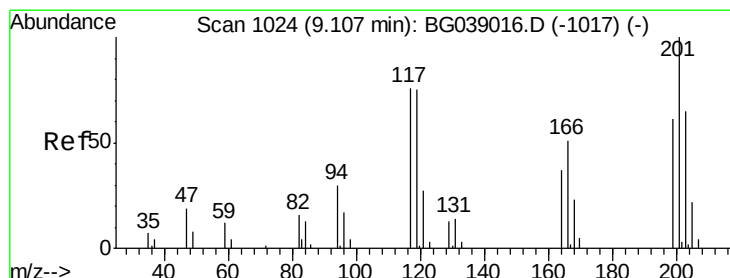
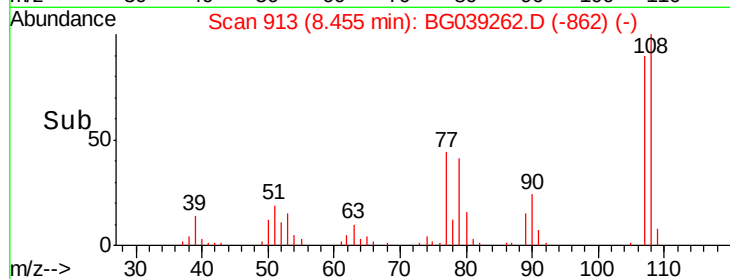
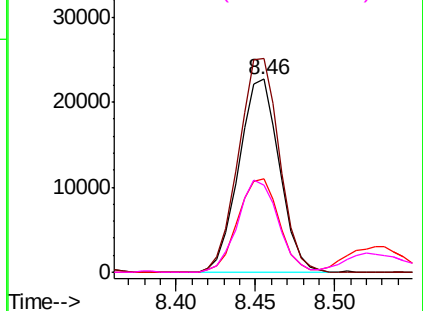
#17
2-Methylphenol
Concen: 45.262 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 40353
Ion Ratio Lower Upper
107 100
108 110.7 90.3 135.5
77 48.4 38.3 57.5
79 45.0 35.8 53.6

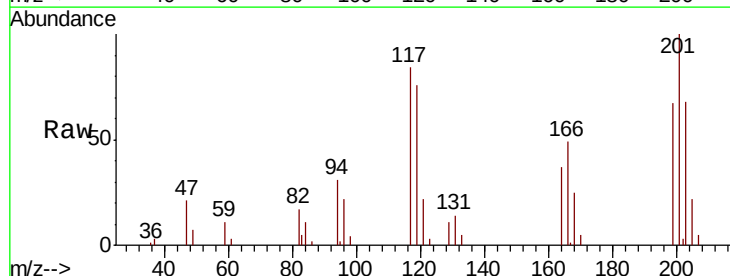


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

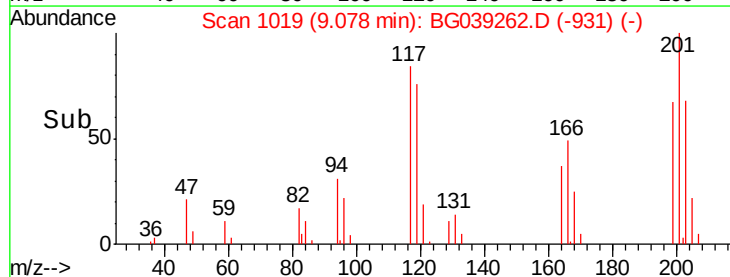
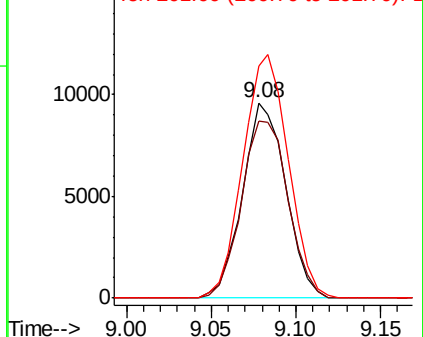


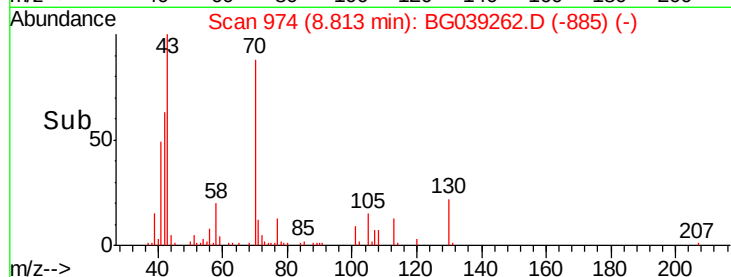
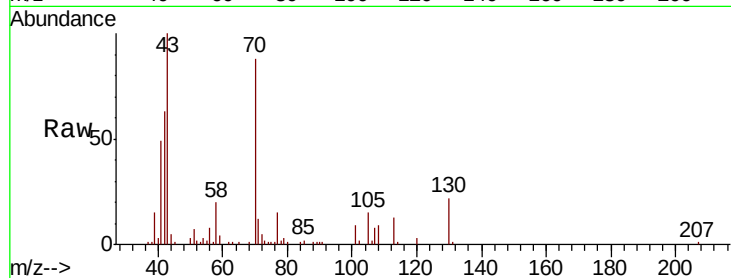
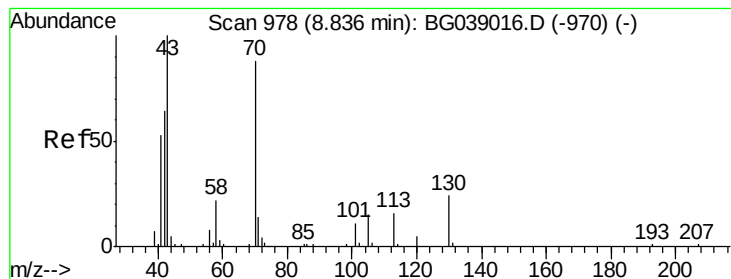
#18
Hexachloroethane
Concen: 39.560 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion:117 Resp: 17107
Ion Ratio Lower Upper
117 100
119 90.5 78.7 118.1
201 119.3 108.1 162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 41.504 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 34904

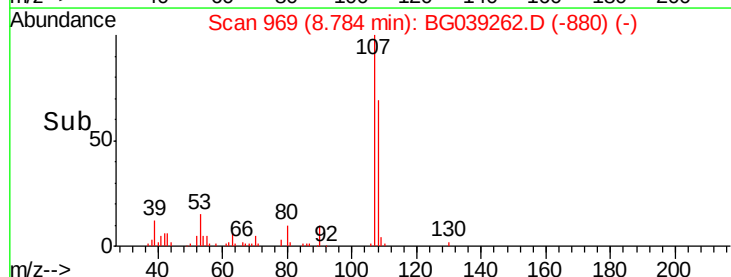
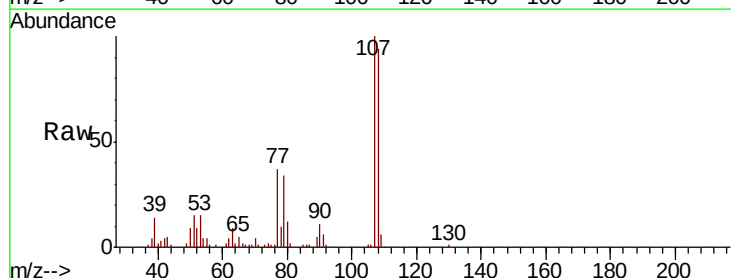
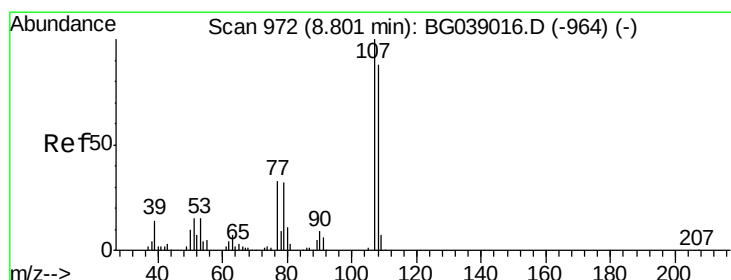
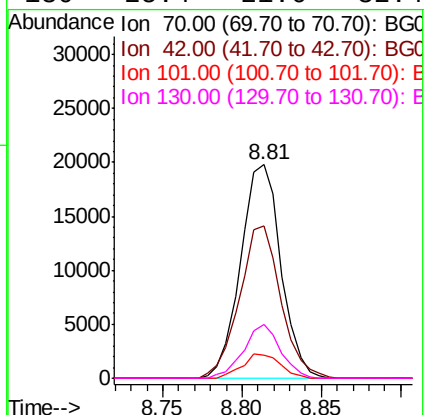
Ion Ratio Lower Upper

70 100

42 71.5 59.0 88.4

101 10.7 10.4 15.6

130 25.4 21.6 32.4



#20

3+4-Methylphenols

Concen: 47.826 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Tgt Ion:107 Resp: 60793

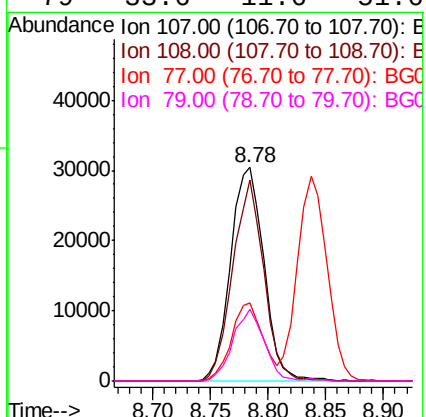
Ion Ratio Lower Upper

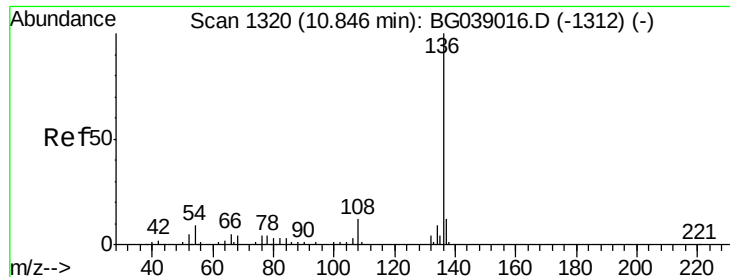
107 100

108 93.9 68.4 108.4

77 36.6 13.3 53.3

79 33.6 11.6 51.6

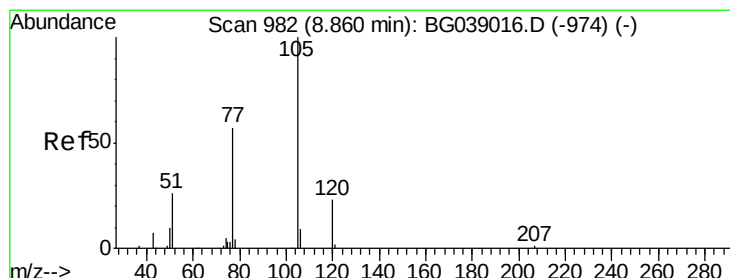
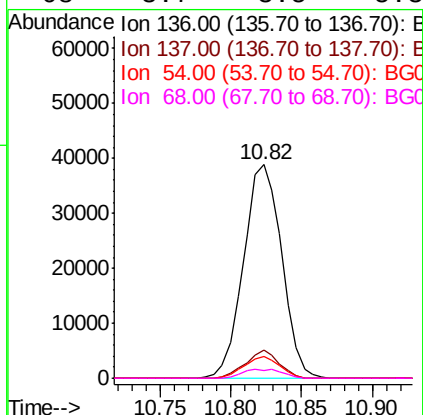
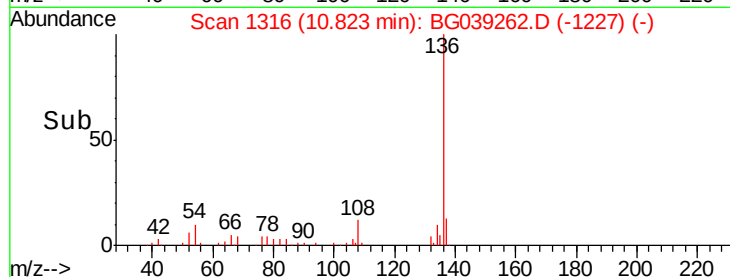
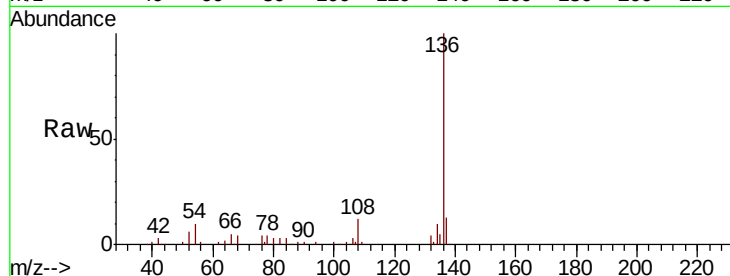




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

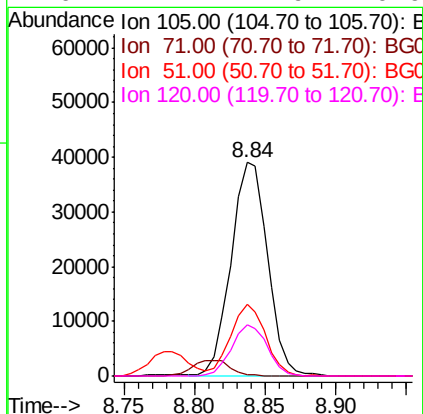
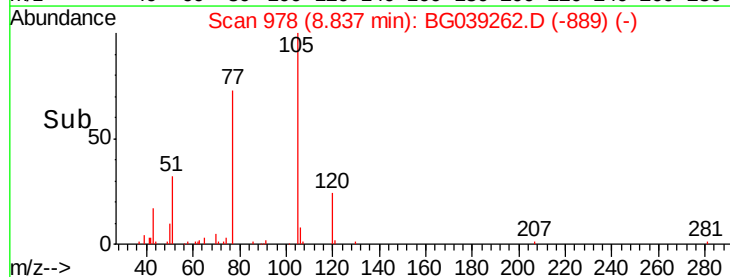
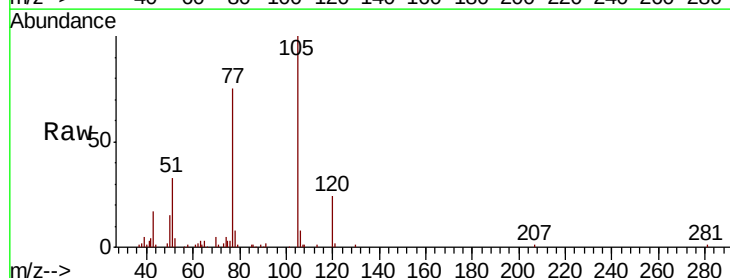
Instrument :
BNA_G
ClientSampleId :

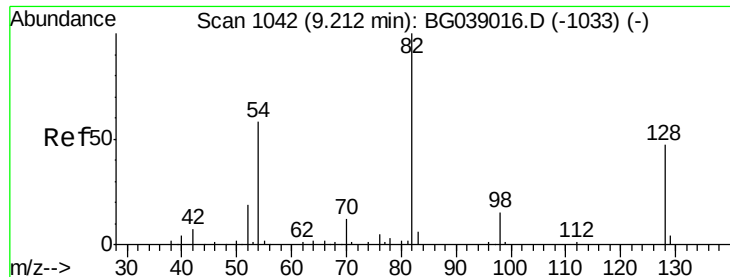
Tot Ion:136	Resp:	73493
Ion Ratio	Lower	Upper
136	100	
137	13.3	9.4 14.2
54	10.2	7.2 10.8
68	3.7	3.5 5.3



#22
Acetophenone
Concen: 36.760 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion:105	Resp:	70552
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.6 1.0
51	33.4	26.6 39.8
120	24.2	17.9 26.9

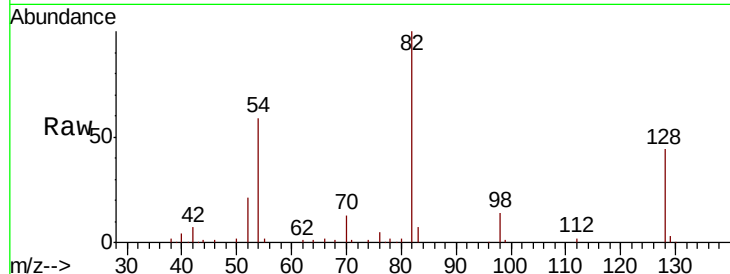




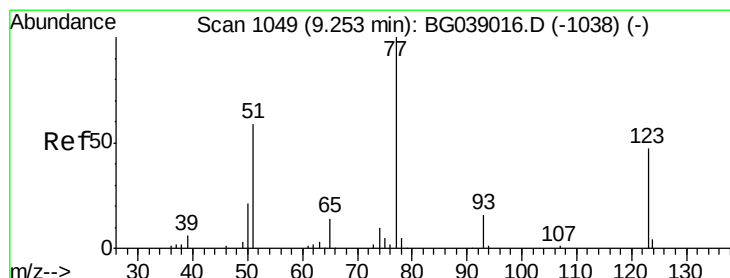
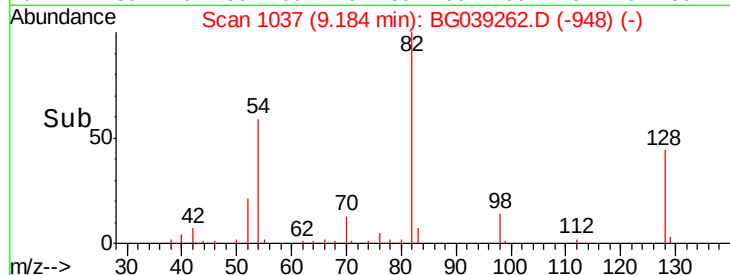
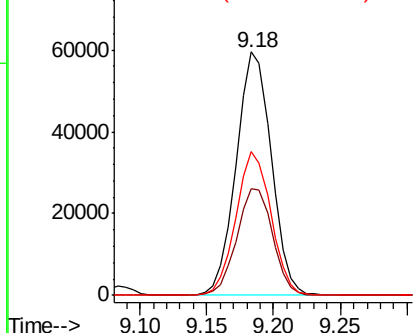
#23
 Nitrobenzene-d5
 Concen: 80.950 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 108723
 Ion Ratio Lower Upper
 82 100
 128 43.7 37.3 55.9
 54 59.0 46.4 69.6

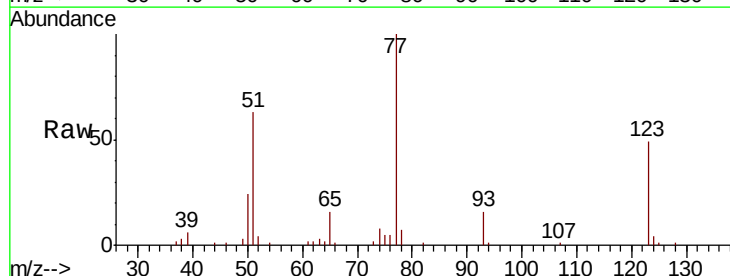


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

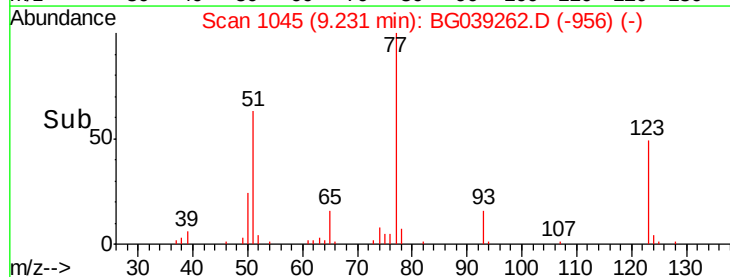
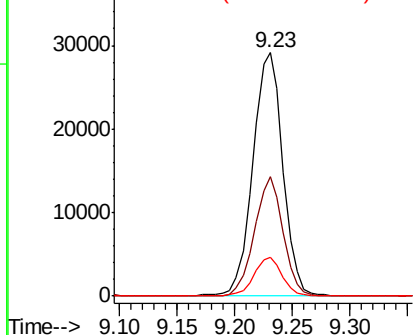


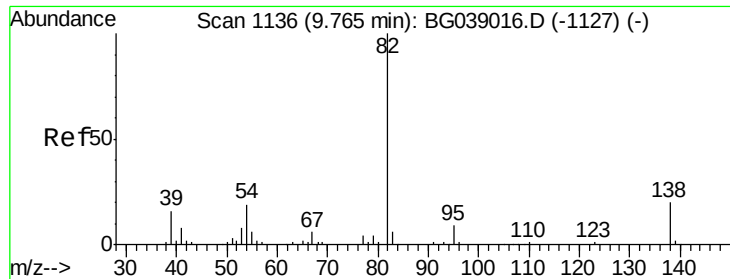
#24
 Nitrobenzene
 Concen: 38.917 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion: 77 Resp: 52832
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.6 56.4
 65 15.8 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.364 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

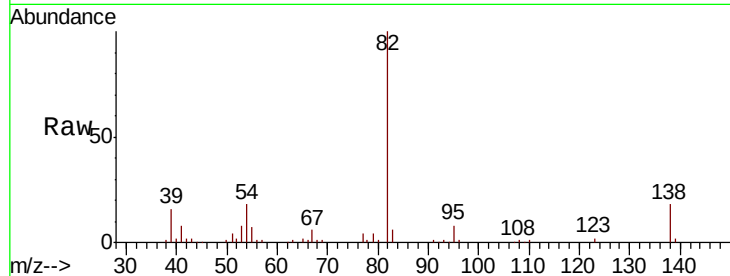
Tot Ion: 82 Resp: 100325

Ion Ratio Lower Upper

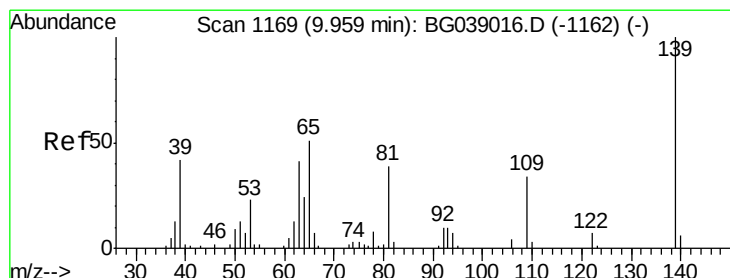
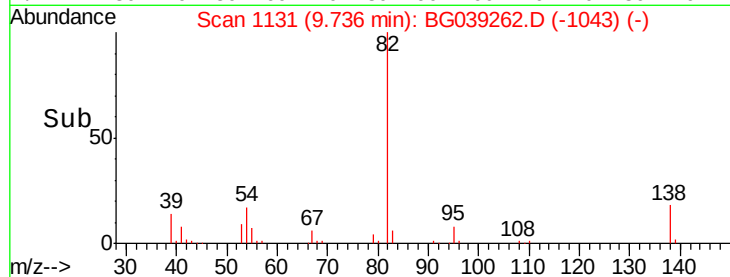
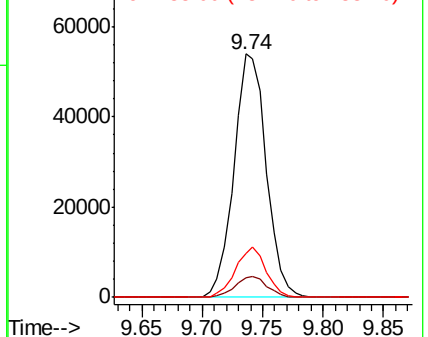
82 100

95 8.2 7.0 10.6

138 17.9 16.2 24.4



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



#26

2-Nitrophenol

Concen: 40.062 ng

RT: 9.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

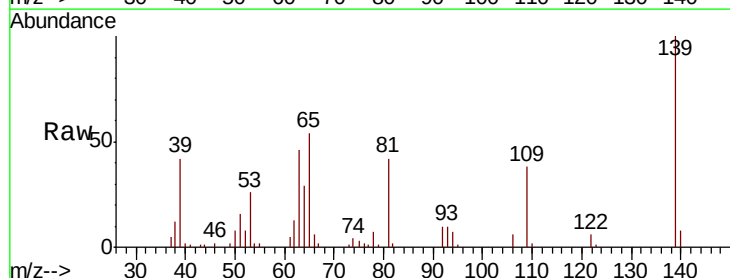
Tgt Ion:139 Resp: 29417

Ion Ratio Lower Upper

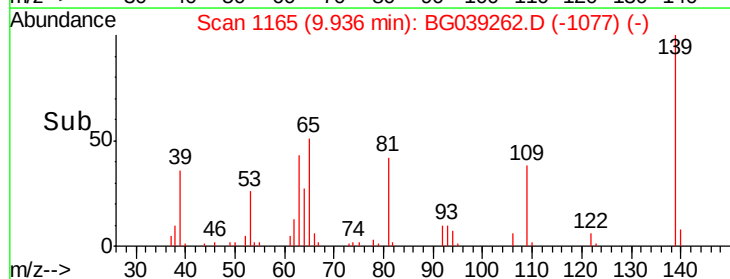
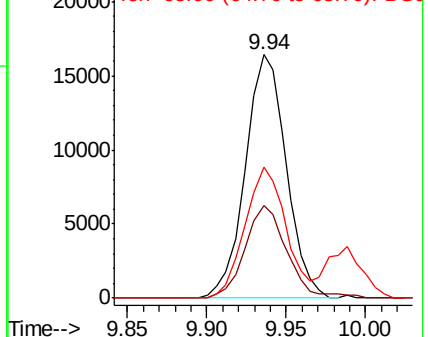
139 100

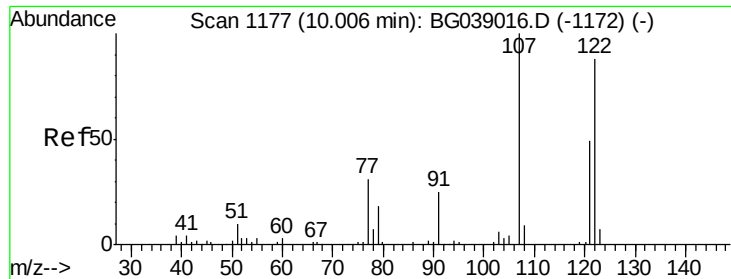
109 38.3 27.3 40.9

65 53.6 40.6 61.0



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

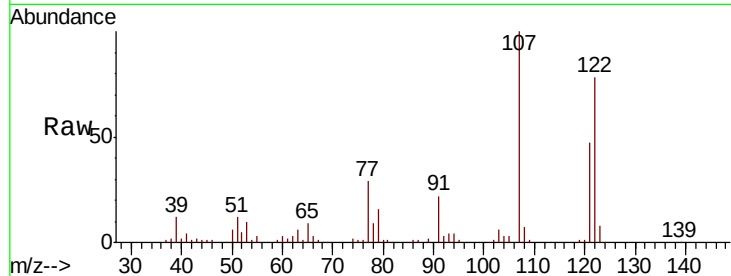




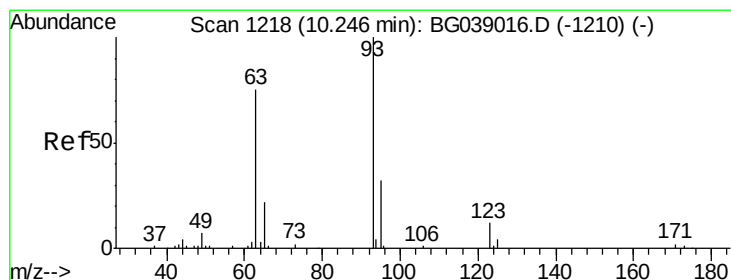
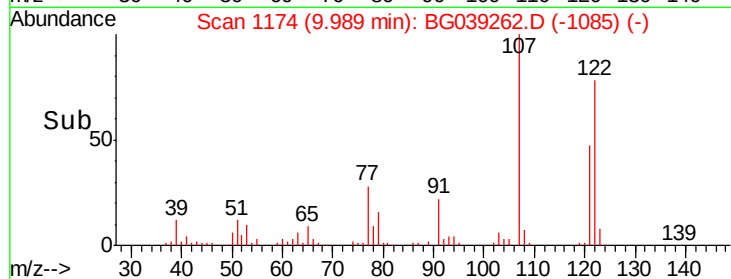
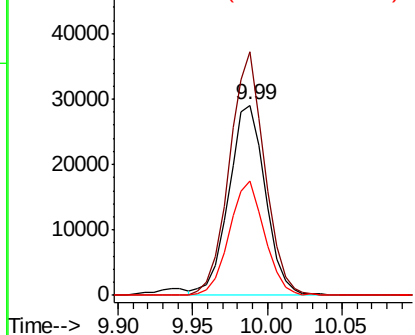
#27
 2,4-Dimethylphenol
 Concen: 48.138 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 49729
 Ion Ratio Lower Upper
 122 100
 107 128.0 88.8 133.2
 121 59.9 43.1 64.7

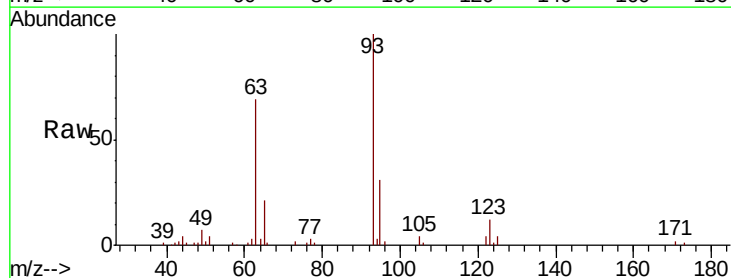


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

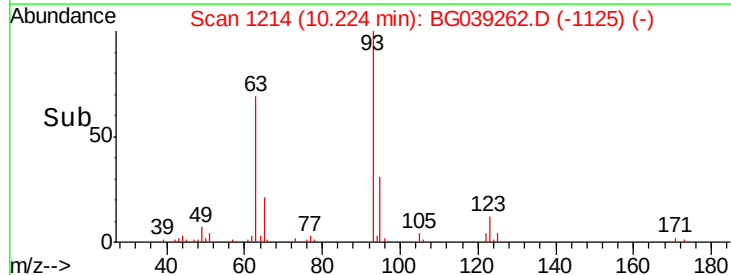
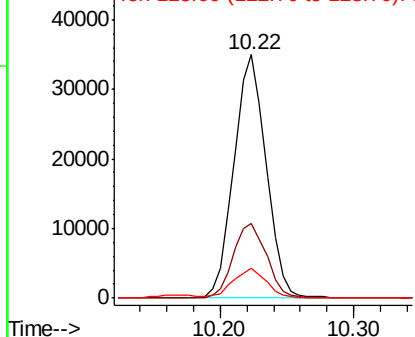


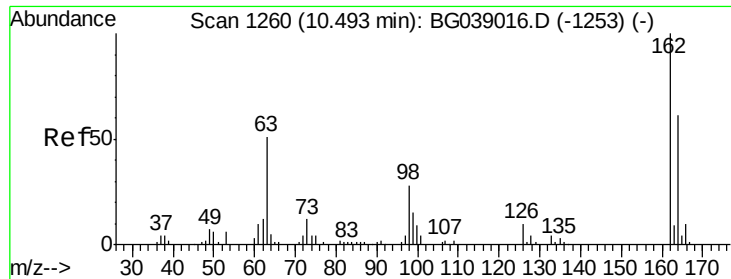
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.147 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion: 93 Resp: 58603
 Ion Ratio Lower Upper
 93 100
 95 30.9 25.6 38.4
 123 12.1 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.817 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

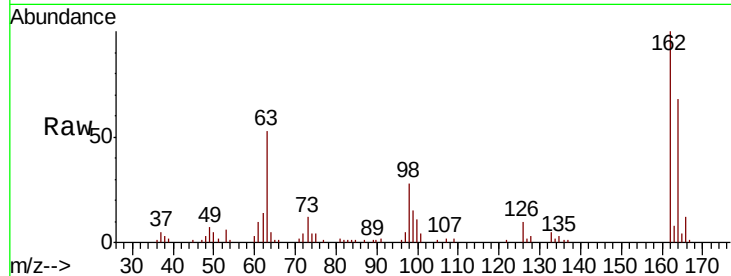
Tot Ion:162 Resp: 56235

Ion Ratio Lower Upper

162 100

164 68.1 41.3 81.3

98 28.1 8.3 48.3

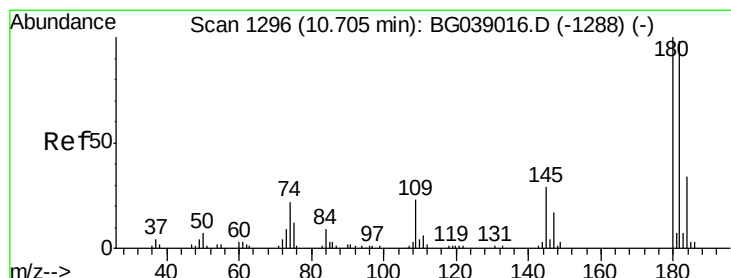
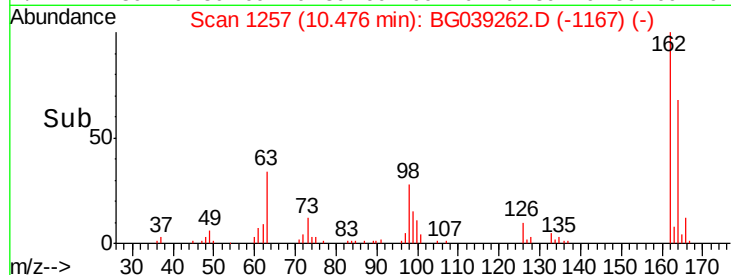
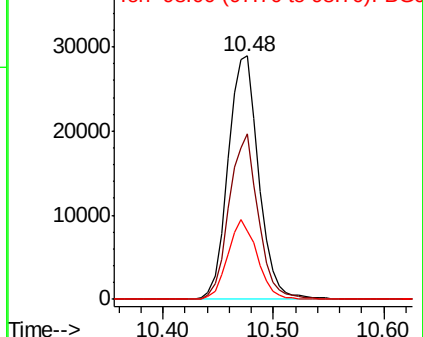


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.292 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

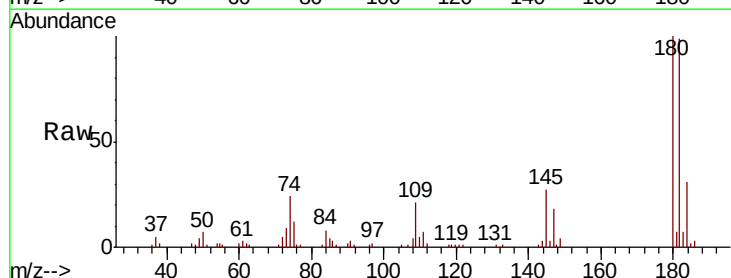
Tgt Ion:180 Resp: 57505

Ion Ratio Lower Upper

180 100

182 99.3 78.1 117.1

145 27.0 23.1 34.7

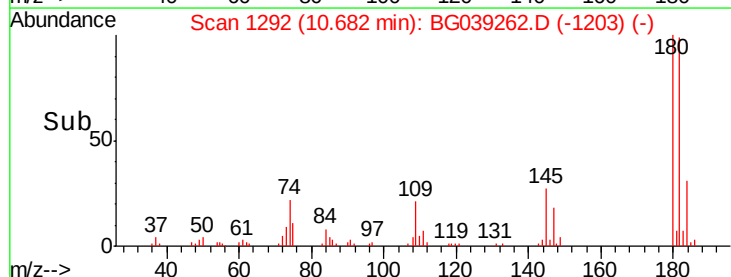
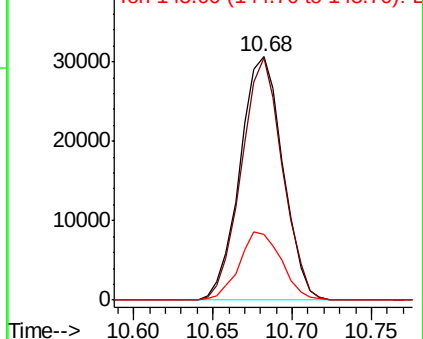


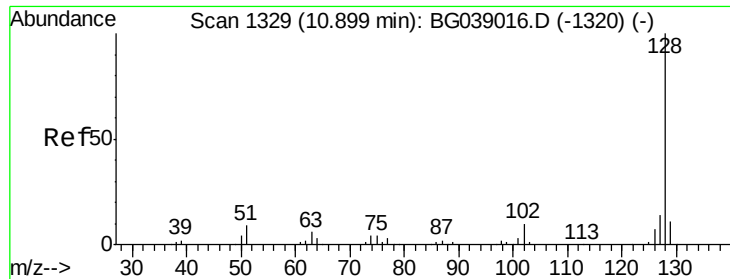
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

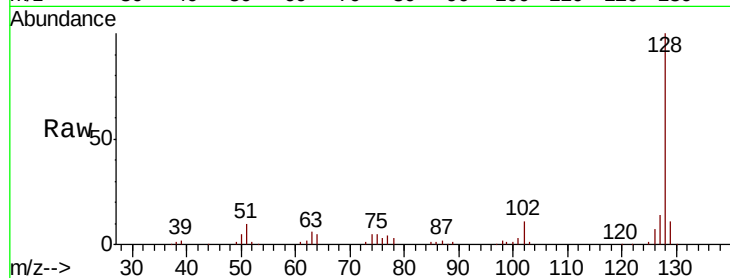




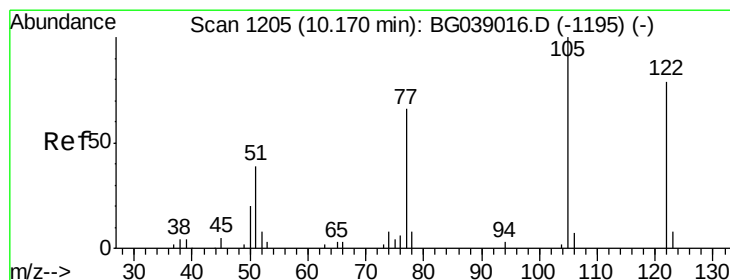
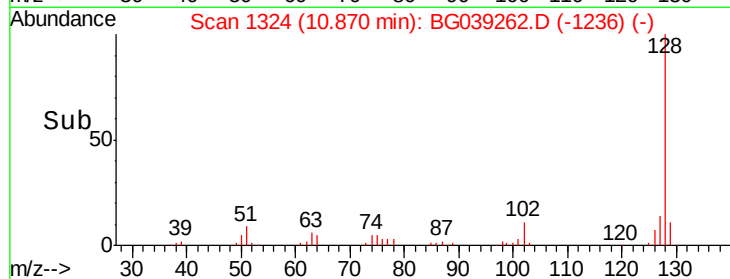
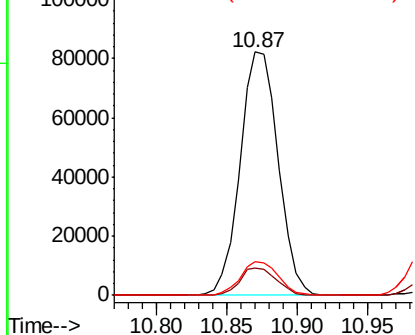
#31
Naphthalene
Concen: 42.110 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 155219
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.9 11.2 16.8

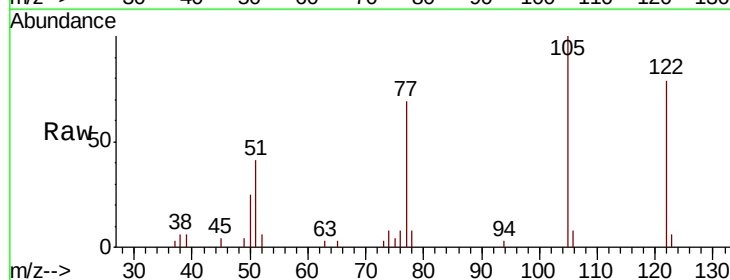


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

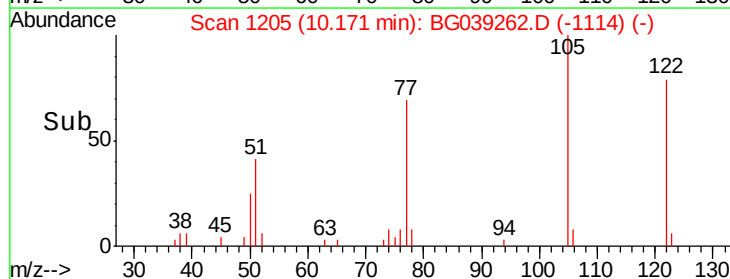
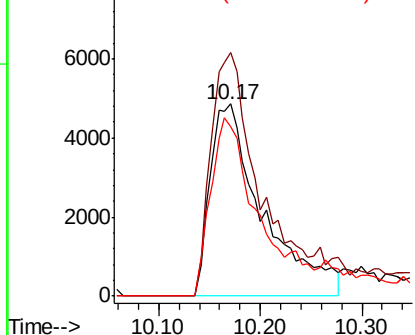


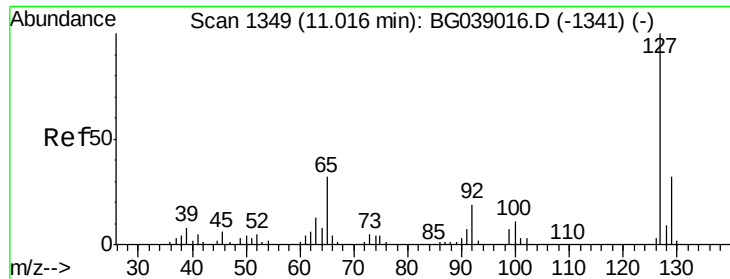
#32
Benzoic acid
Concen: 31.493 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion:122 Resp: 17439
Ion Ratio Lower Upper
122 100
105 126.7 106.4 146.4
77 87.9 63.6 103.6



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

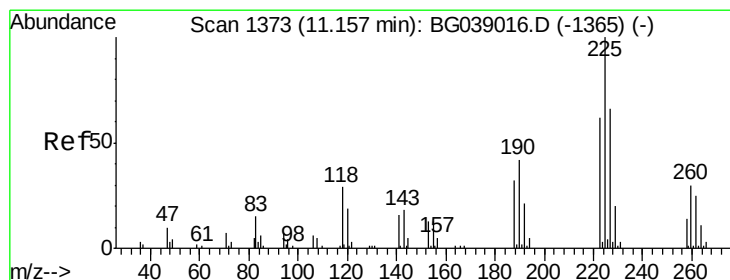
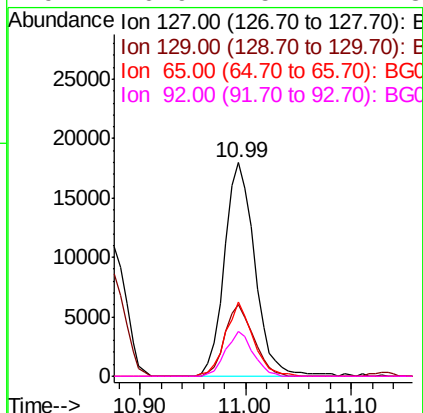
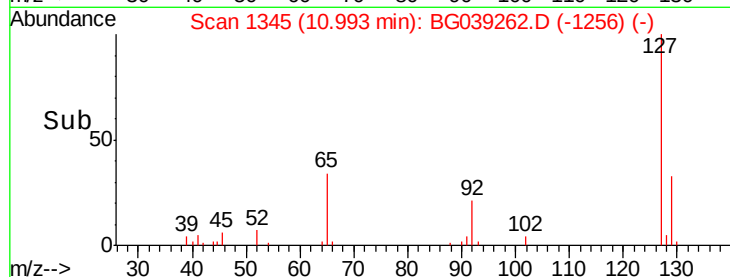
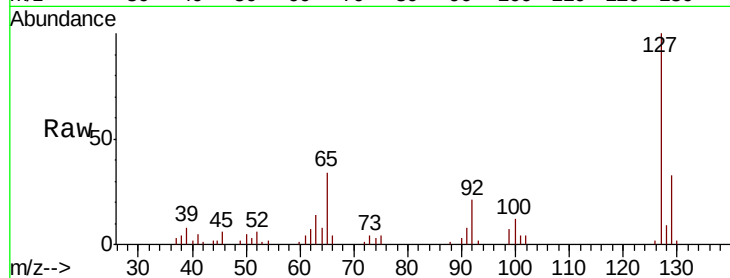




#33
4-Chloroaniline
Concen: 21.733 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

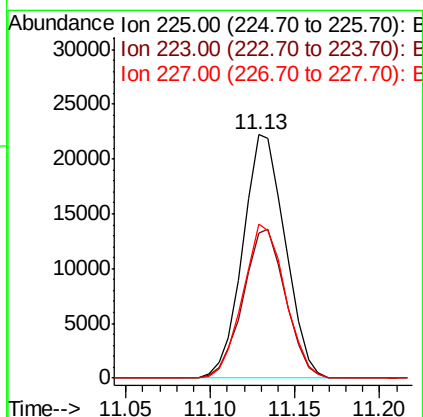
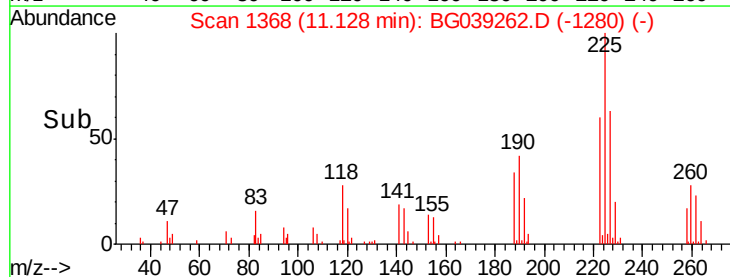
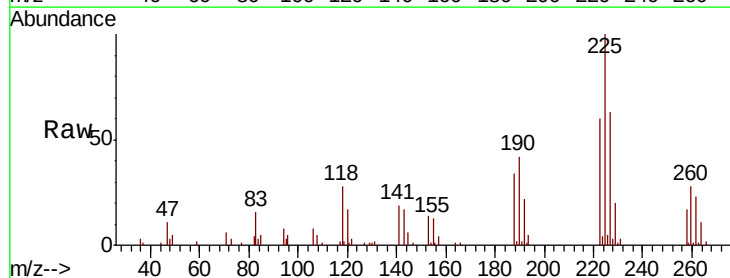
Instrument :
BNA_G
ClientSampled :

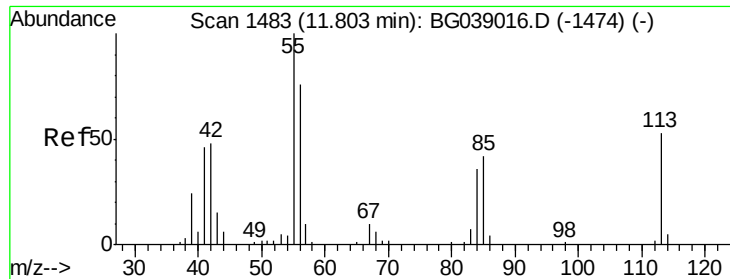
Tot Ion:	127	Resp:	35844
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.4	38.0
65	34.5	25.4	38.0
92	20.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.422 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion:	225	Resp:	38646
Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.2	75.4
227	62.8	53.2	79.8

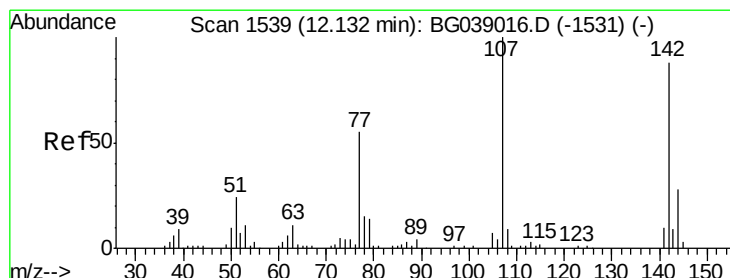
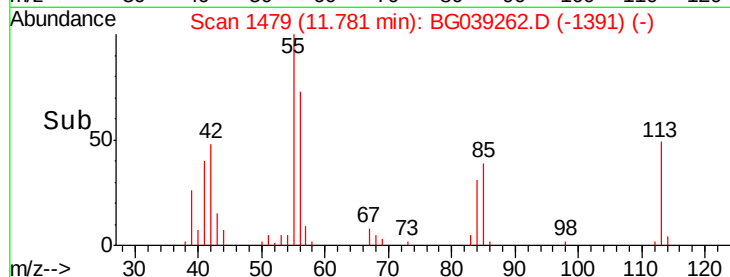
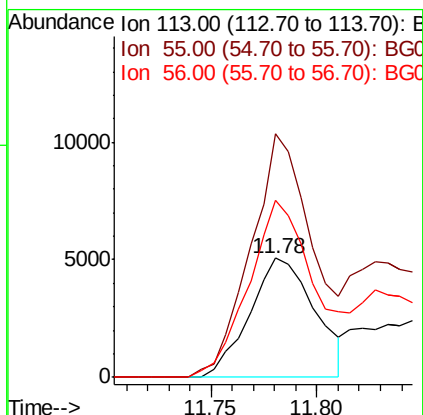
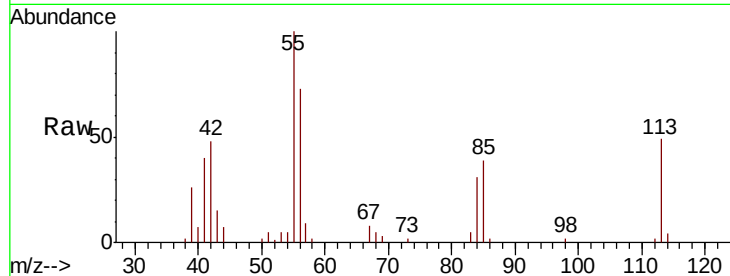




#35
 Caprolactam
 Concen: 21.137 ng
 RT: 11.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

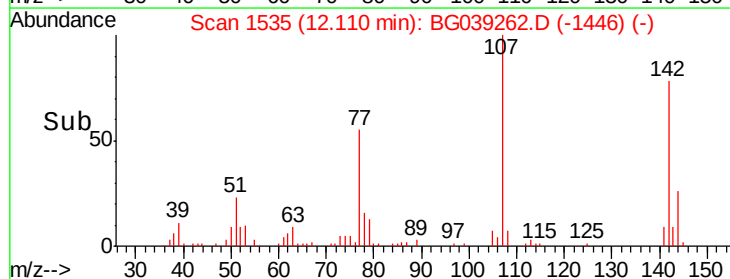
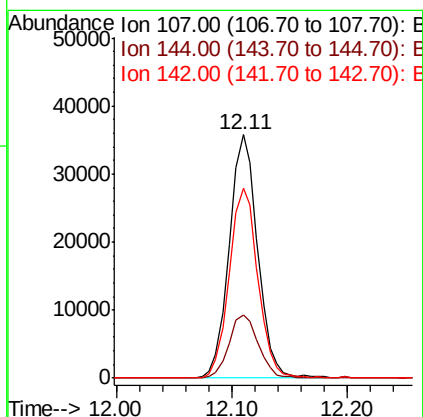
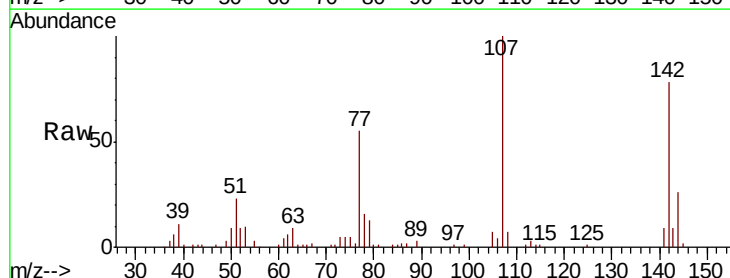
Instrument :
 BNA_G
 ClientSampled :

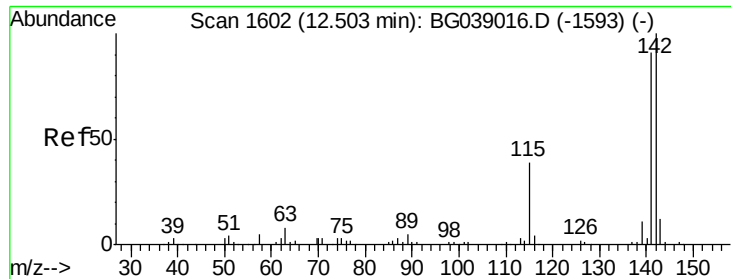
Tot Ion:113 Resp: 10878
 Ion Ratio Lower Upper
 113 100
 55 204.6 168.6 208.6
 56 148.8 123.2 163.2



#36
 4-Chloro-3-methylphenol
 Concen: 44.393 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion:107 Resp: 60937
 Ion Ratio Lower Upper
 107 100
 144 26.1 22.6 34.0
 142 78.0 70.2 105.4

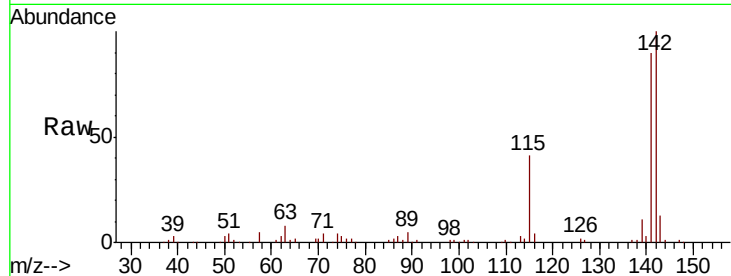




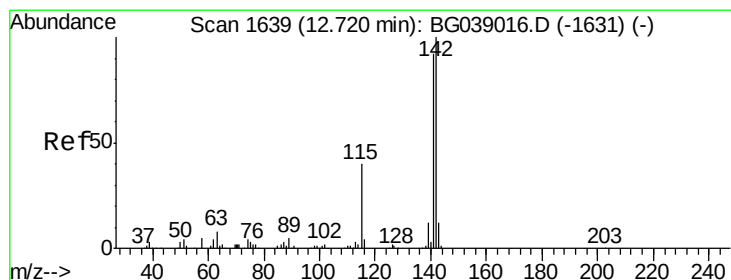
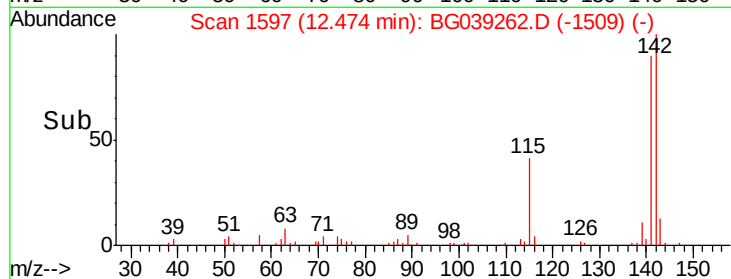
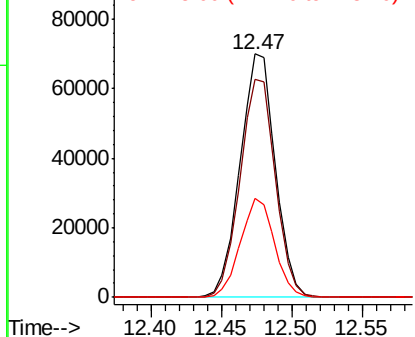
#37
 2-Methylnaphthalene
 Concen: 44.066 ng
 RT: 12.47 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 121777
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.6 109.0
 115 40.8 31.1 46.7

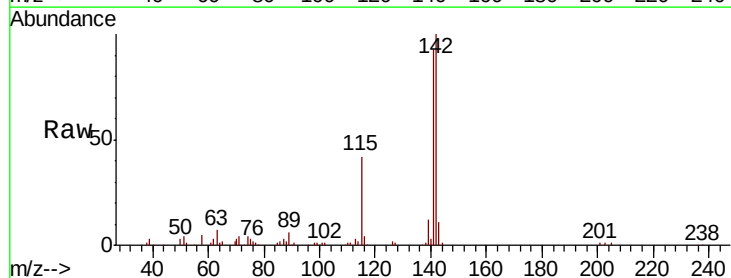


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

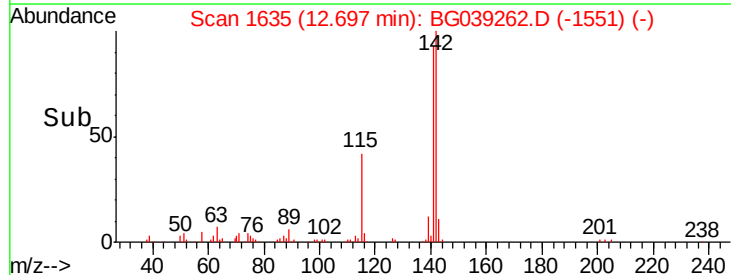
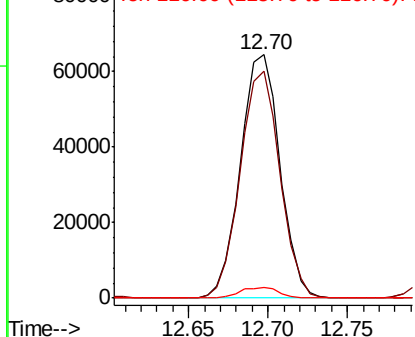


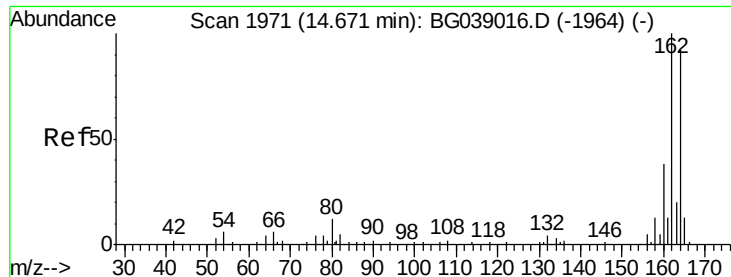
#38
 1-Methylnaphthalene
 Concen: 42.130 ng
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion:142 Resp: 111753
 Ion Ratio Lower Upper
 142 100
 141 93.1 73.3 109.9
 116 4.4 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampled :

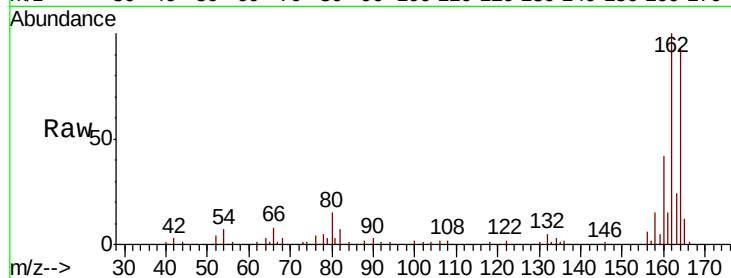
Tot Ion:164 Resp: 54980

Ion Ratio Lower Upper

164 100

162 107.1 87.2 130.8

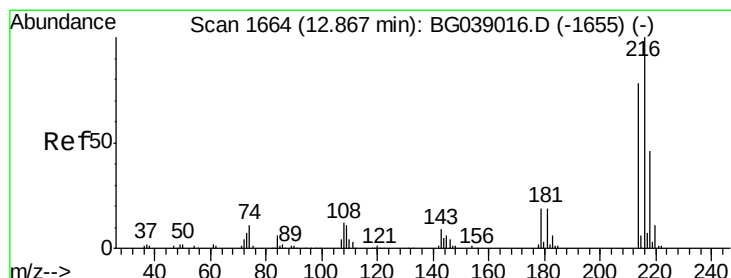
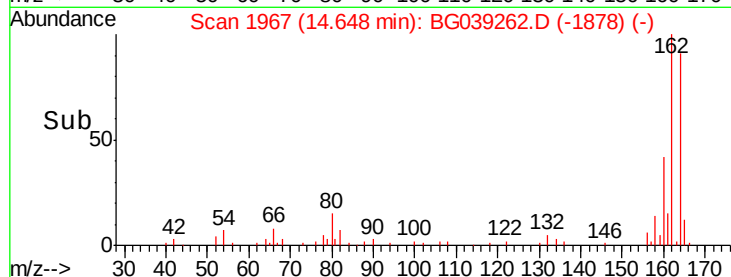
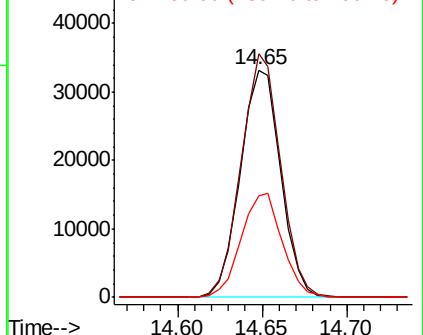
160 44.9 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.109 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Tgt Ion:216 Resp: 78689

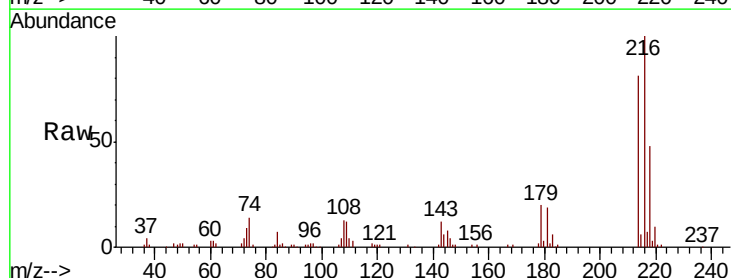
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 19.8 15.5 23.3

108 13.4 11.4 17.2

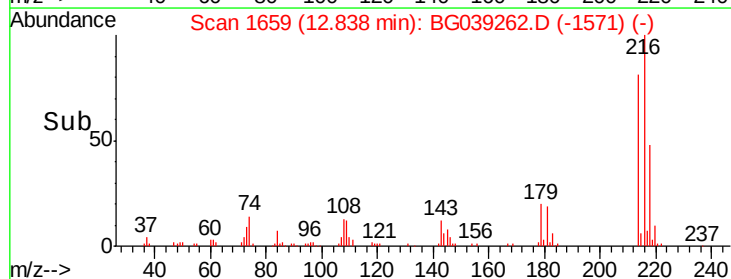
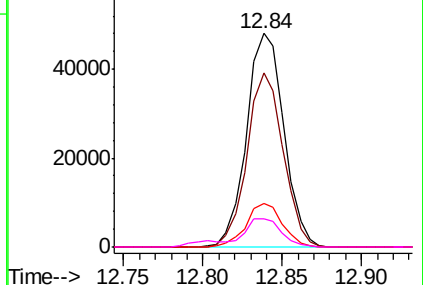


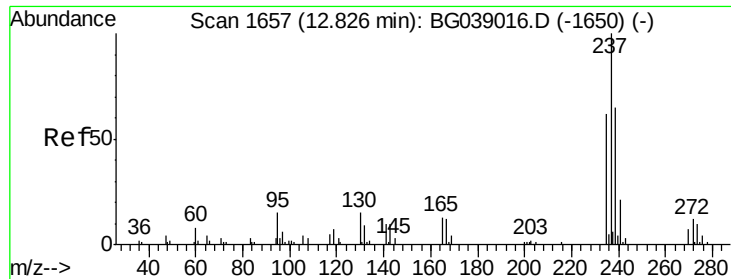
Abundance Ion 216.00 (215.70 to 216.70): E

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

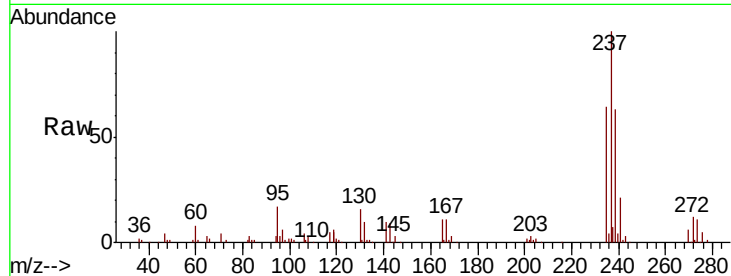




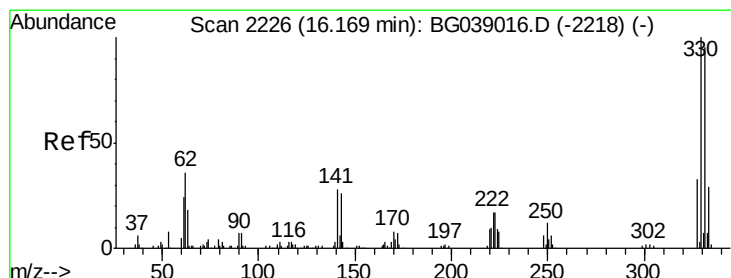
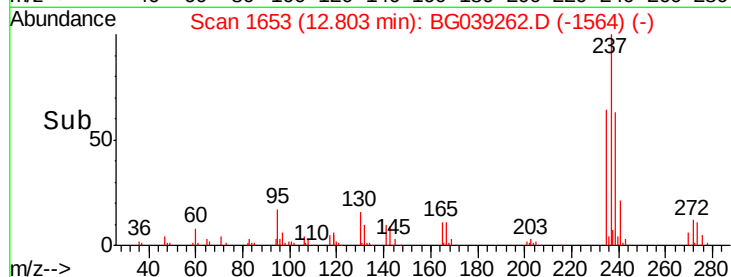
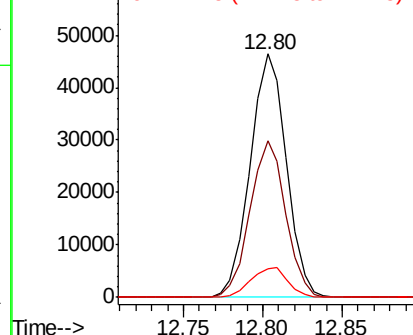
#41
Hexachlorocyclopentadiene
Concen: 64.481 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 73593
Ion Ratio Lower Upper
237 100
235 64.3 41.7 81.7
272 11.9 0.0 32.1

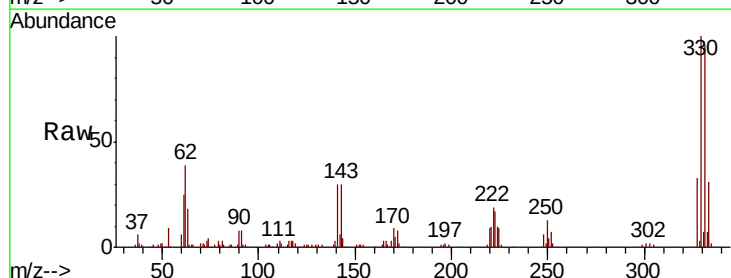


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

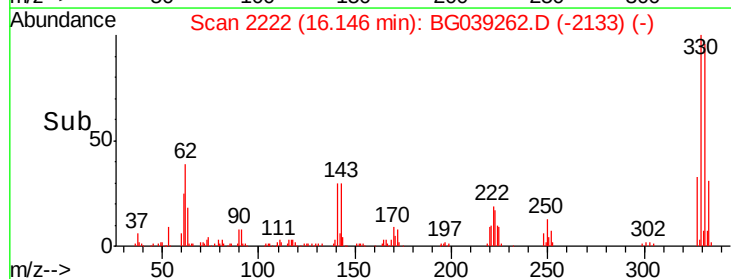
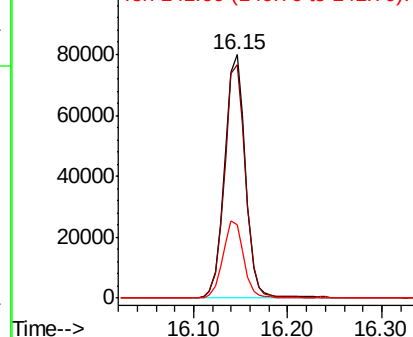


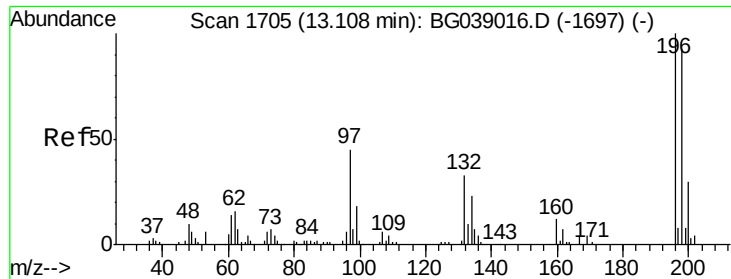
#42
2,4,6-Tribromophenol
Concen: 134.123 ng
RT: 16.15 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion:330 Resp: 123610
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 31.3 24.9 37.3



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

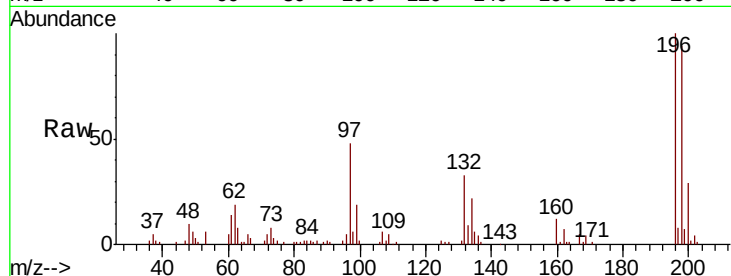




#43
 2,4,6-Trichlorophenol
 Concen: 39.480 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	51306
Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.5	111.7
200	29.5	23.8	35.6

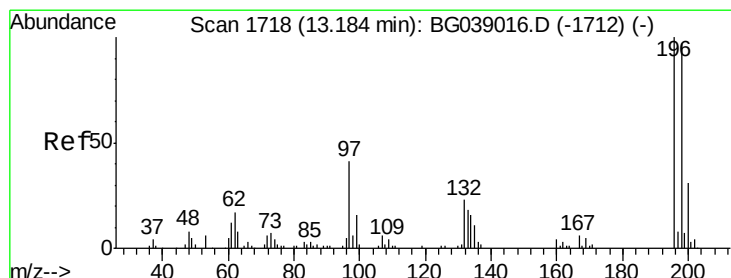
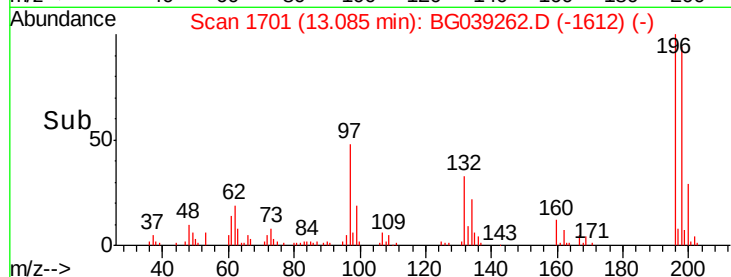
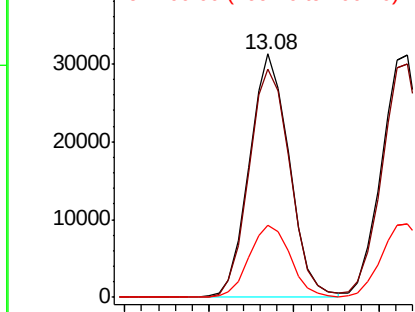


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.506 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion	196	Resp	55635
Ion	Ratio	Lower	Upper
196	100		
198	96.3	78.1	117.1
97	38.0	33.2	49.8
132	21.9	18.2	27.4

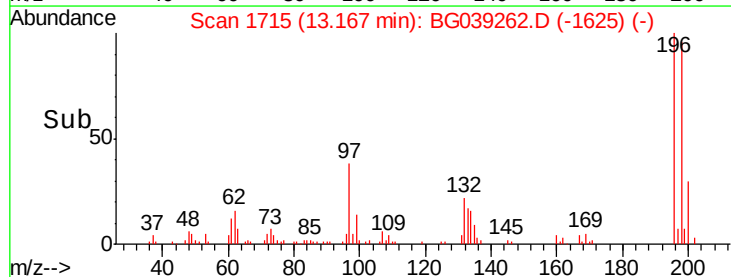
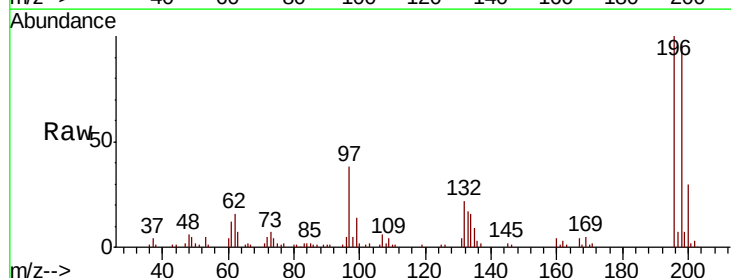
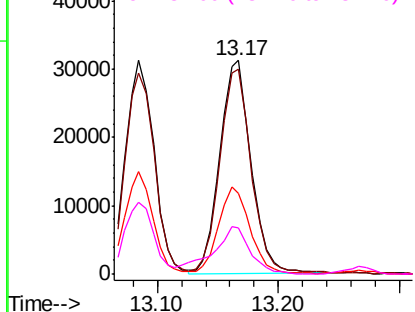
Abundance

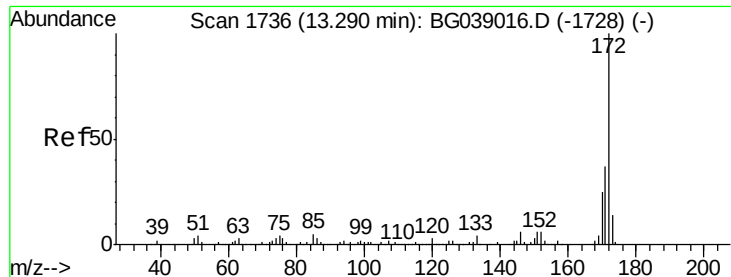
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

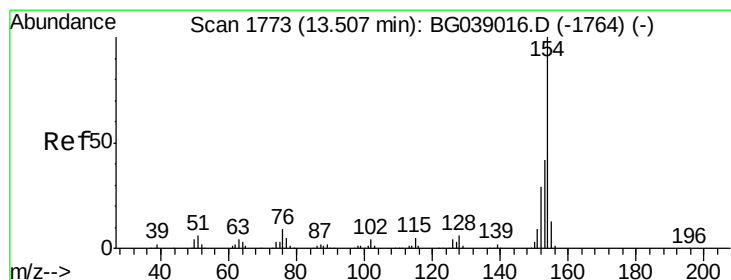
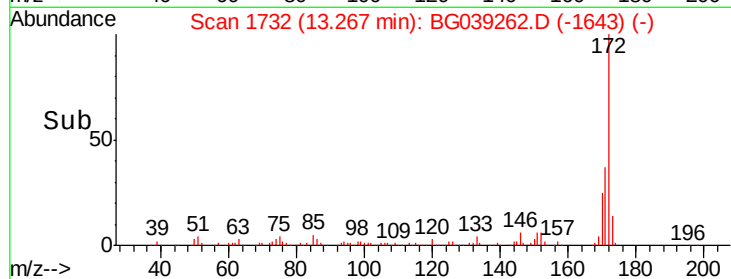
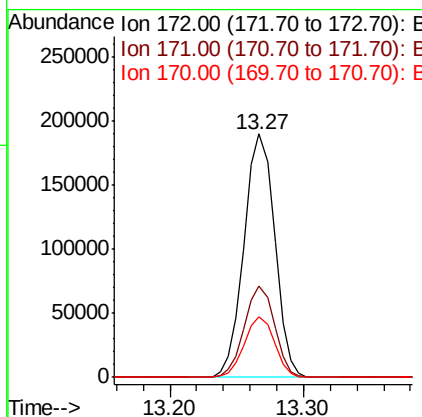
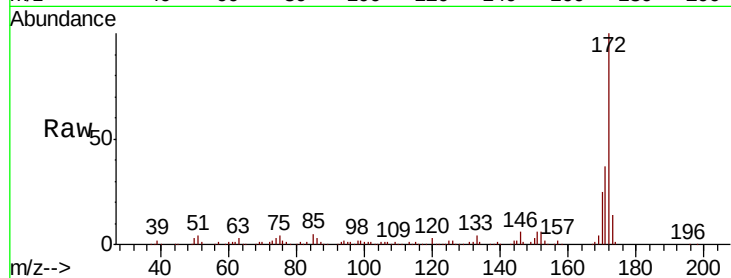




#45
2-Fluorobiphenyl
Concen: 75.170 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

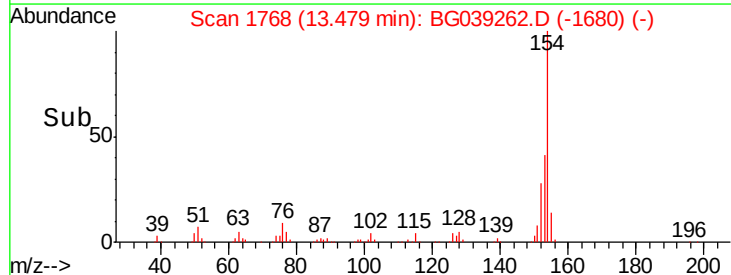
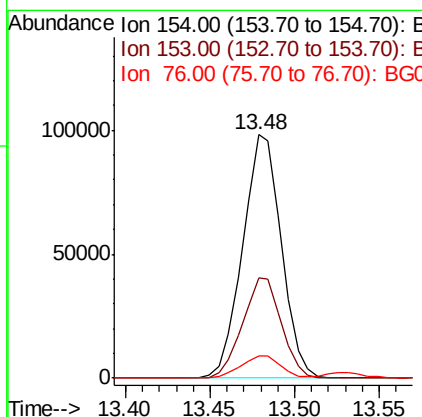
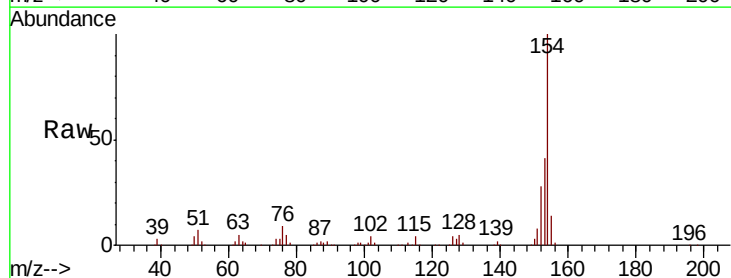
Instrument :
BNA_G
ClientSampleId :

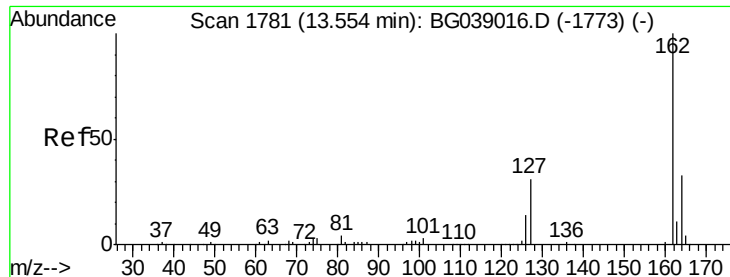
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	24.8	20.1	30.1



#46
1,1'-Biphenyl
Concen: 35.805 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.4	62.4
76	9.3	0.0	29.4

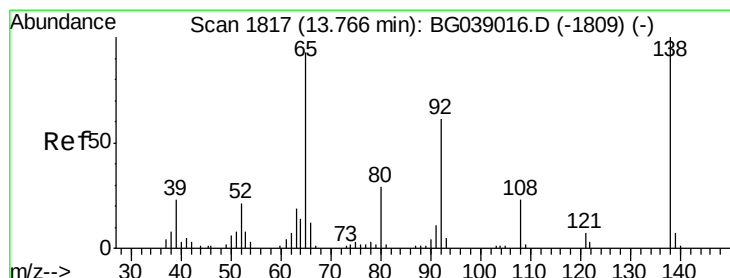
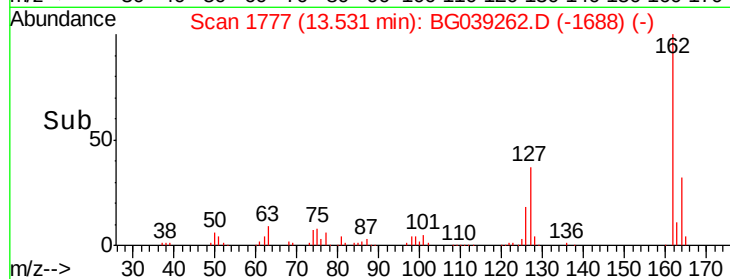
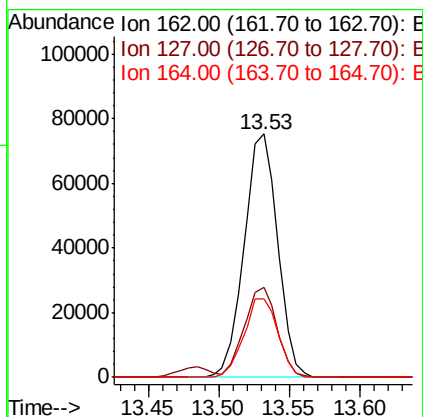
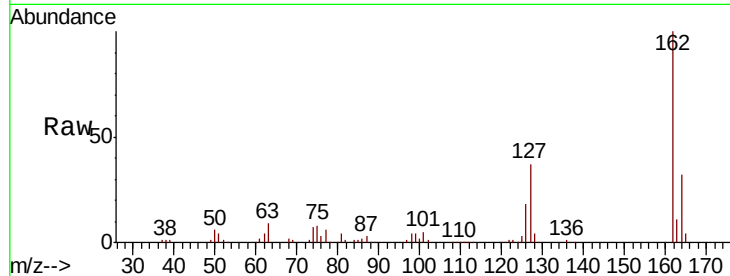




#47
 2-Chloronaphthalene
 Concen: 35.539 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

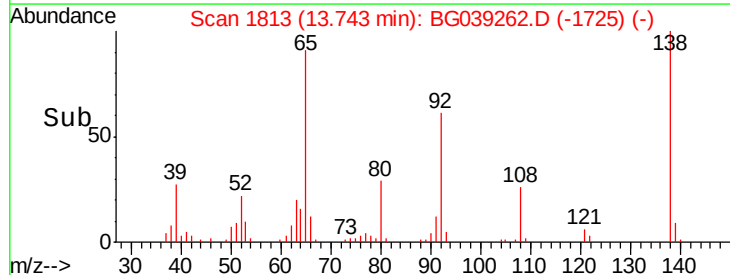
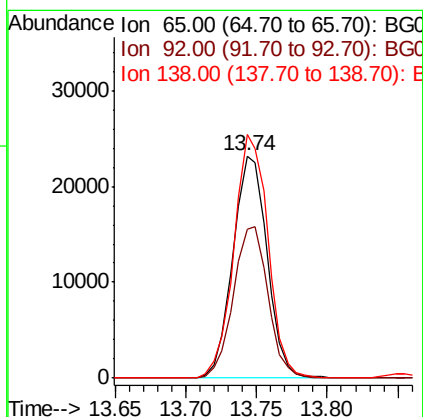
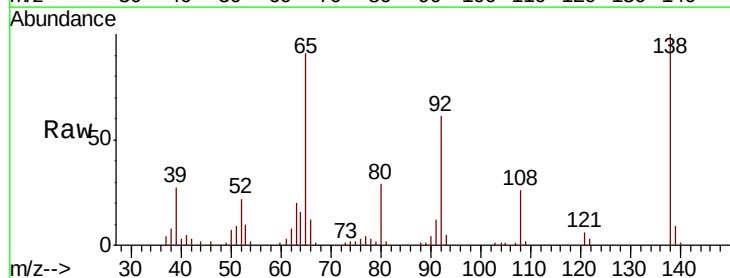
Instrument :
 BNA_G
 ClientSampleId :

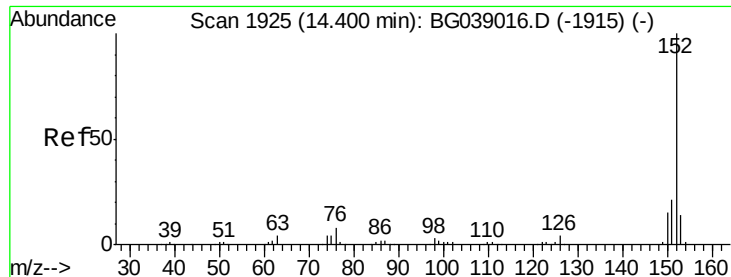
Tot Ion:162 Resp: 125290
 Ion Ratio Lower Upper
 162 100
 127 36.7 28.4 42.6
 164 32.3 26.3 39.5



#48
 2-Nitroaniline
 Concen: 39.740 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion: 65 Resp: 39249
 Ion Ratio Lower Upper
 65 100
 92 67.2 52.2 78.4
 138 109.7 86.0 129.0





#49

Acenaphthylene

Concen: 42.055 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

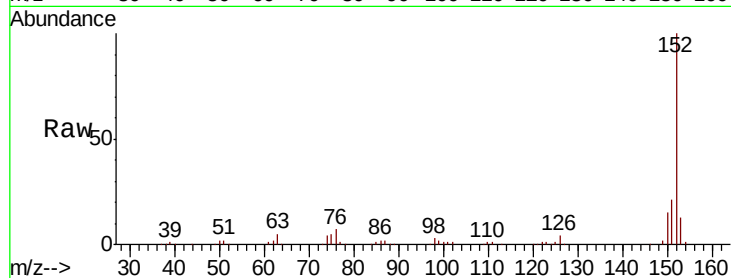
Tot Ion:152 Resp: 222846

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.4

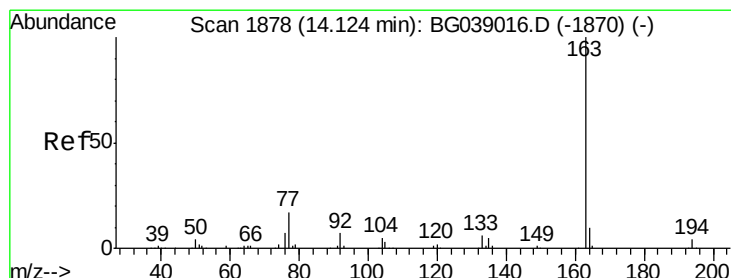
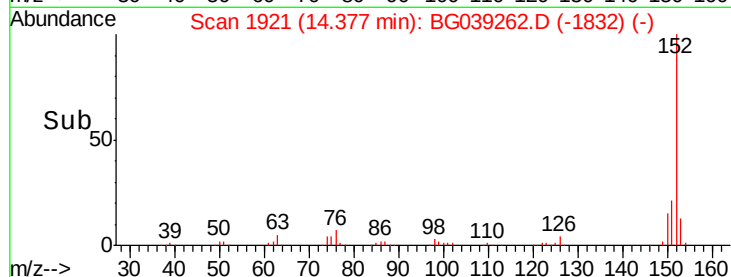
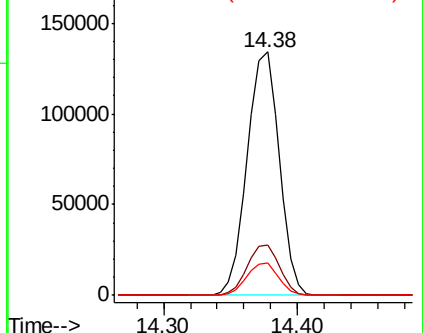
153 13.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.614 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

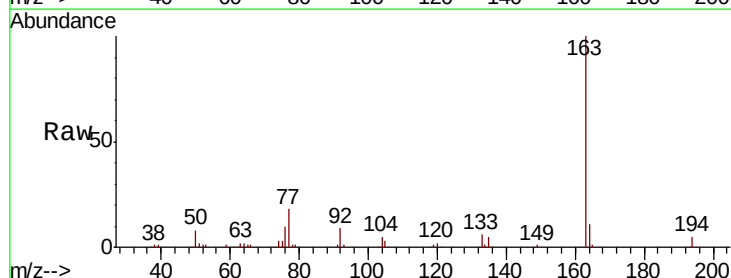
Tgt Ion:163 Resp: 202631

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

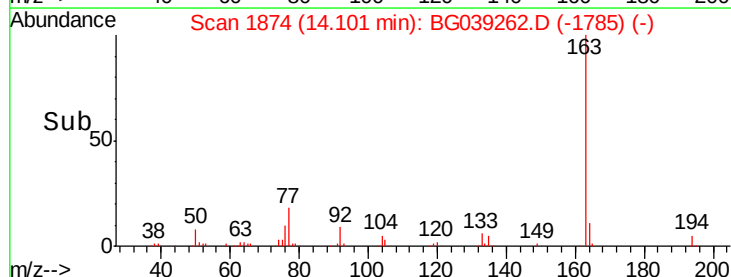
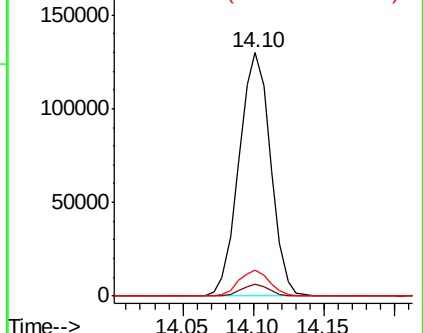
164 10.8 8.2 12.2

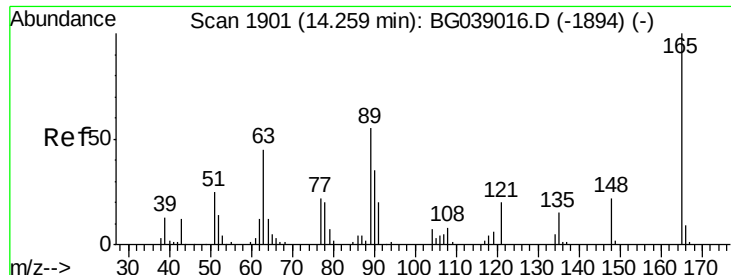


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

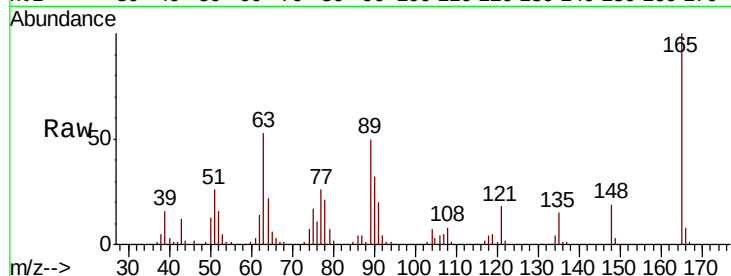




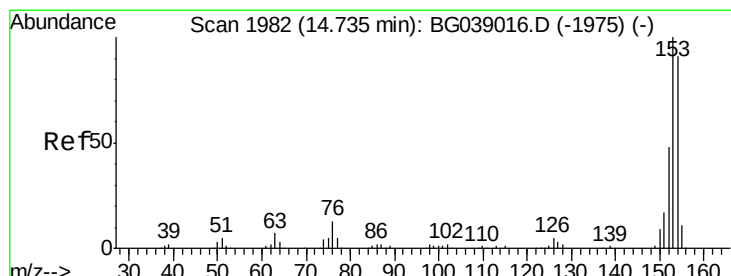
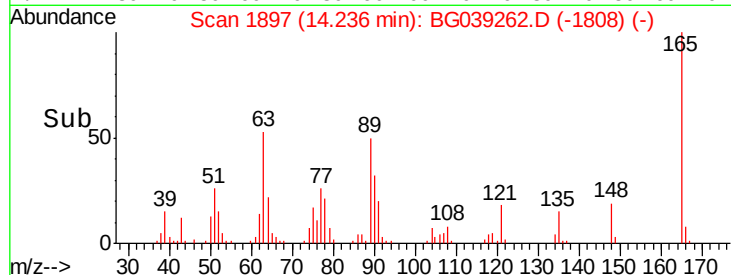
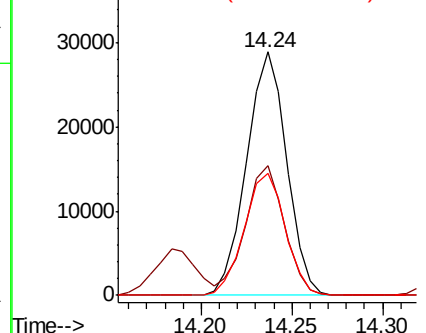
#51
 2,6-Dinitrotoluene
 Concen: 42.670 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 44323
 Ion Ratio Lower Upper
 165 100
 63 53.4 43.6 65.4
 89 50.2 43.7 65.5

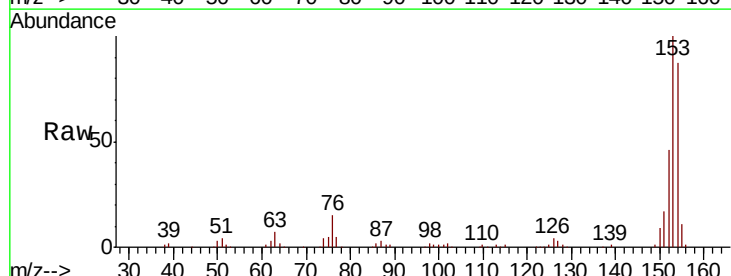


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

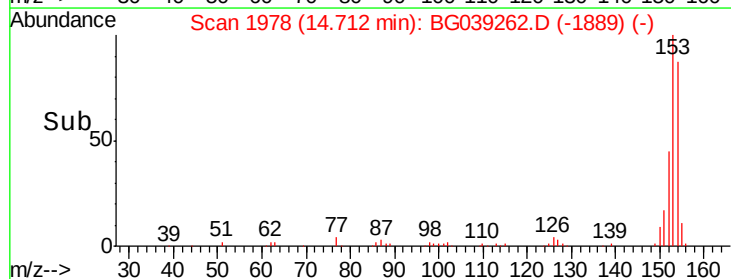
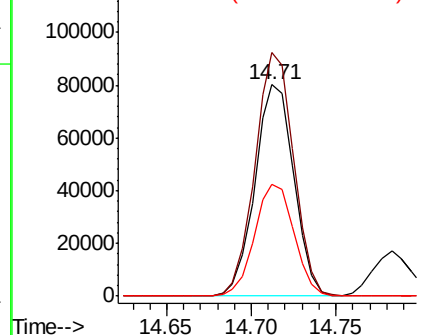


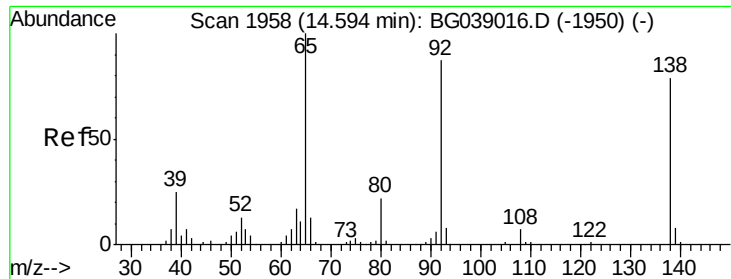
#52
 Acenaphthene
 Concen: 40.305 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion:154 Resp: 128319
 Ion Ratio Lower Upper
 154 100
 153 115.1 87.9 131.9
 152 52.8 42.2 63.2



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





#53

3-Nitroaniline

Concen: 28.212 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampled :

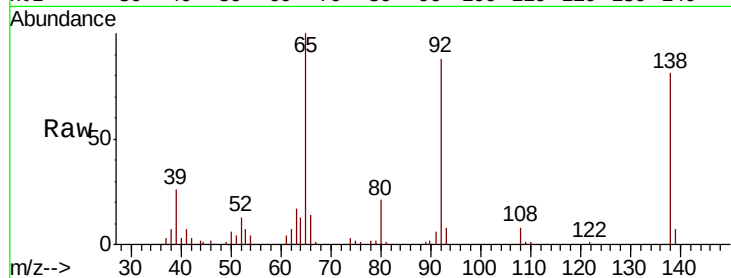
Tot Ion:138 Resp: 29728

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.0

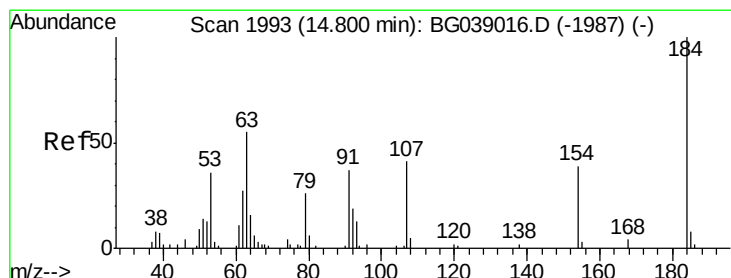
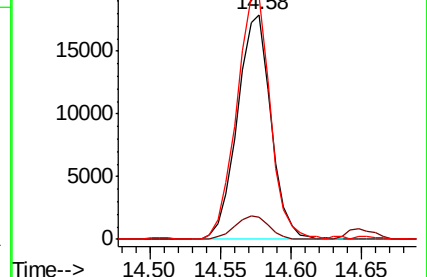
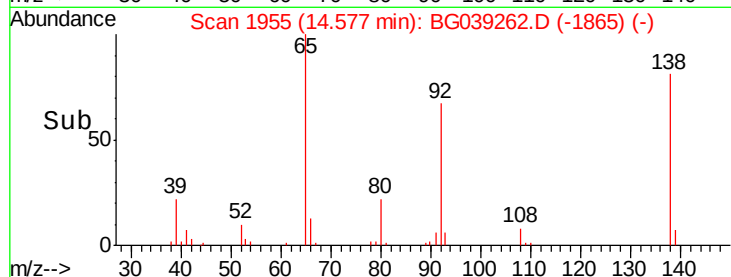
92 108.3 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 77.619 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

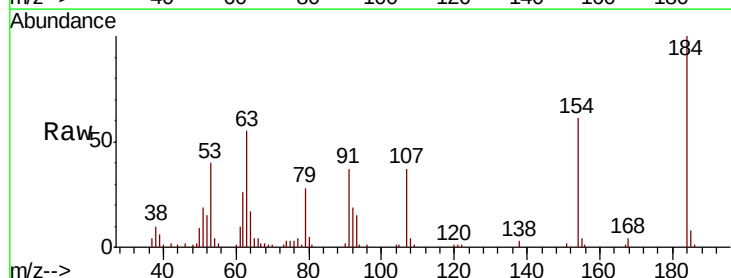
Tgt Ion:184 Resp: 48097

Ion Ratio Lower Upper

184 100

63 54.9 44.0 66.0

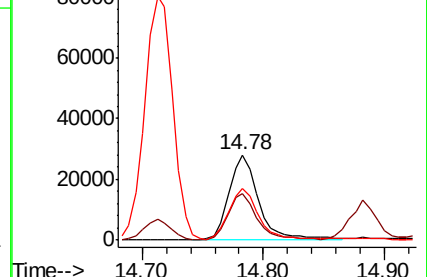
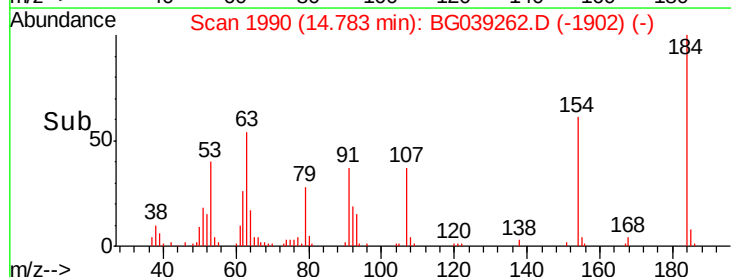
154 60.5 46.1 69.1

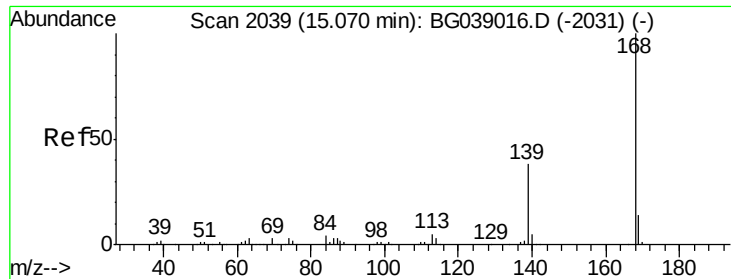


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

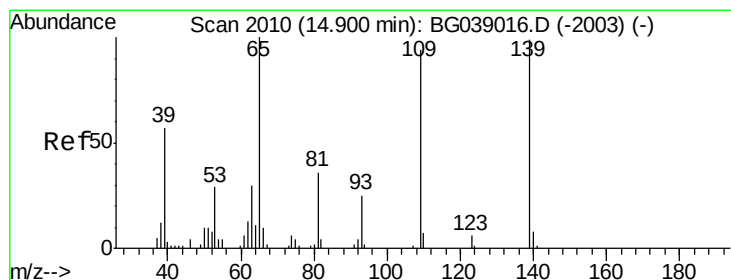
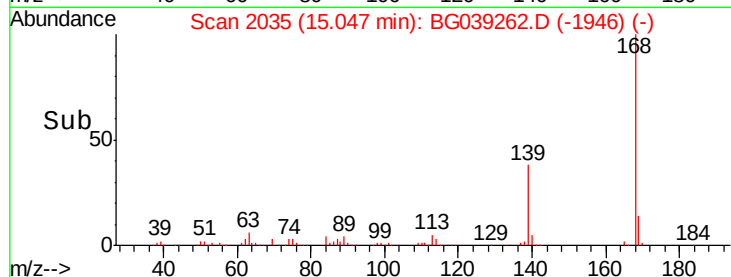
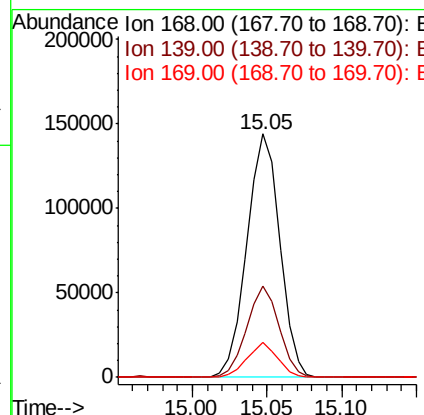
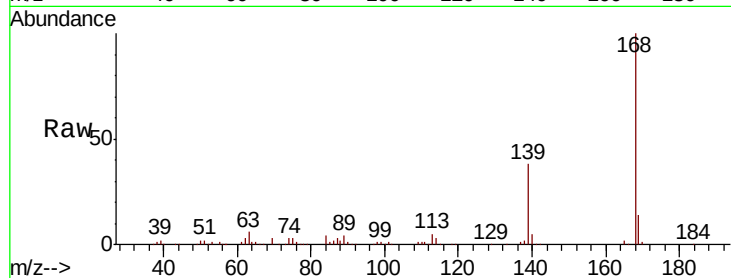




#55
Dibenzenofuran
Concen: 39.163 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

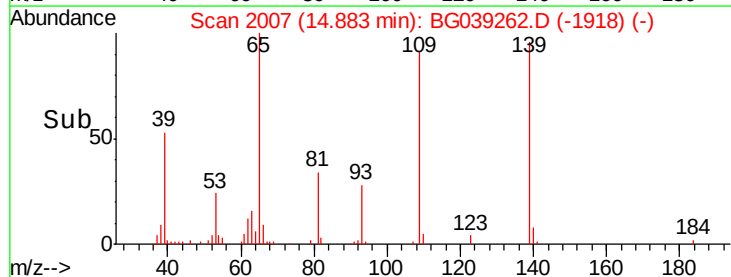
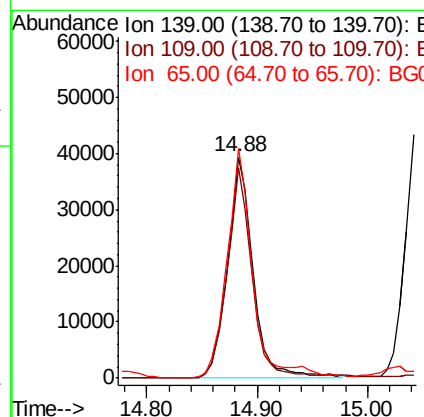
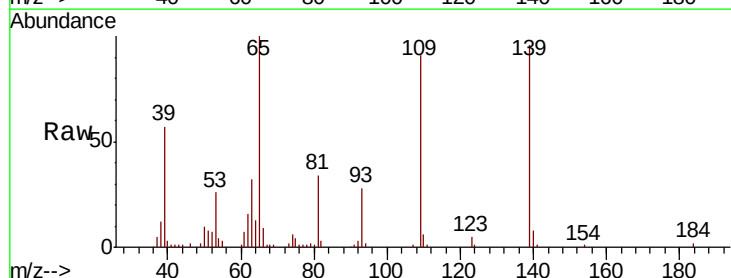
Instrument :
BNA_G
ClientSampleId :

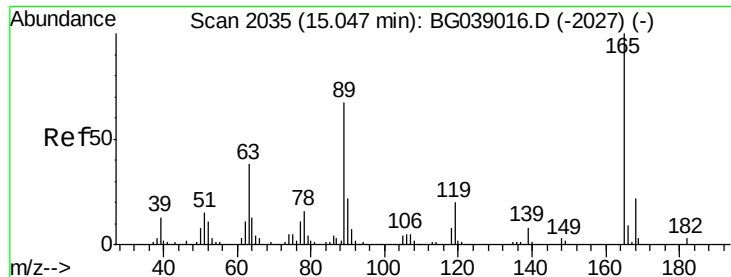
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	14.4	10.9	16.3



#56
4-Nitrophenol
Concen: 83.794 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.1	75.6	115.6
65	104.2	81.2	121.2

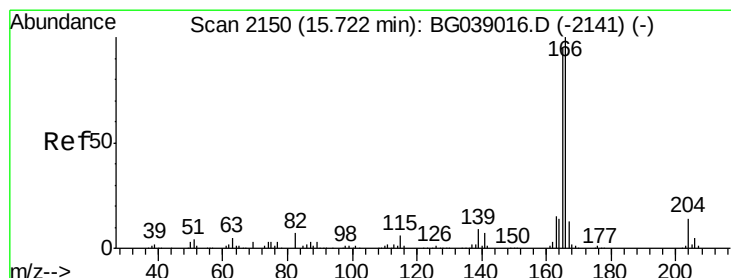
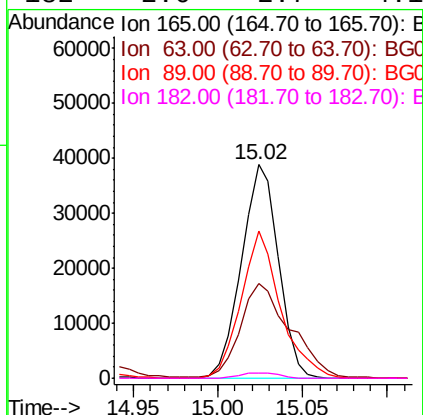
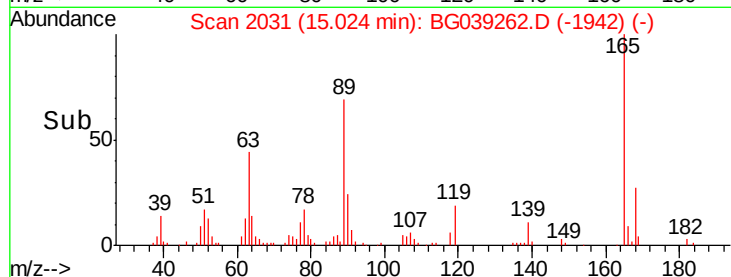
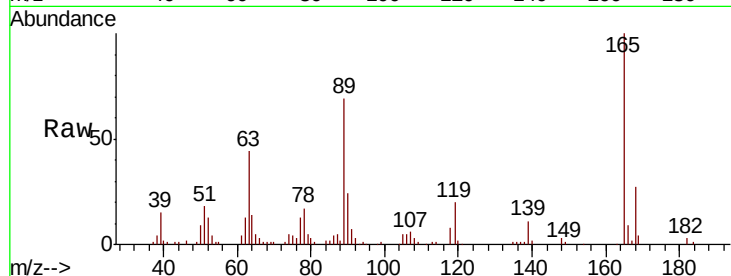




#57
2,4-Dinitrotoluene
Concen: 39.742 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

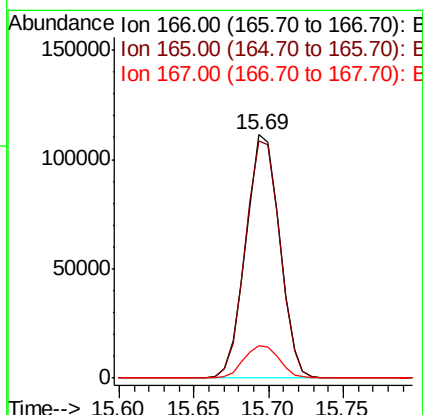
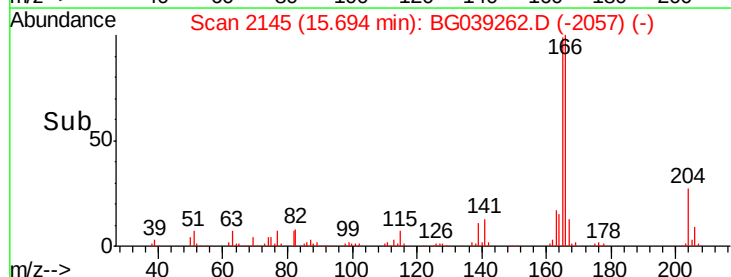
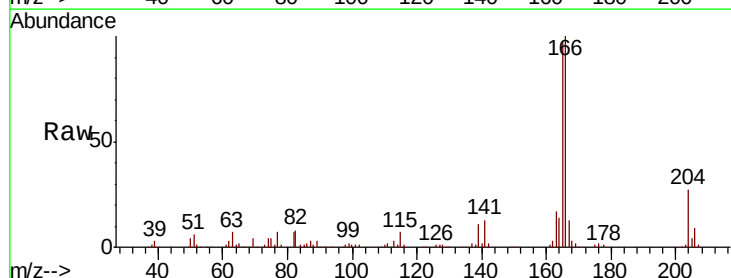
Instrument :
BNA_G
ClientSampled :

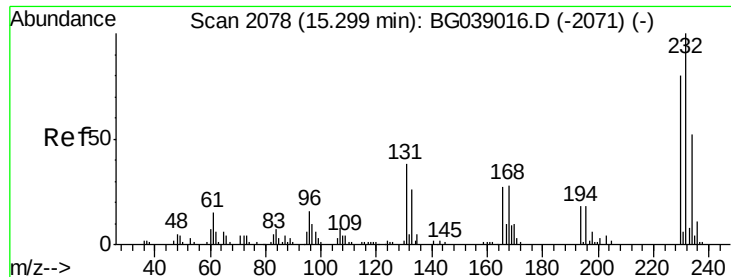
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	30.2	45.4
89	69.0	53.2	79.8
182	2.6	2.7	4.1#



#58
Fluorene
Concen: 41.256 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.2	114.2
167	13.5	10.6	16.0

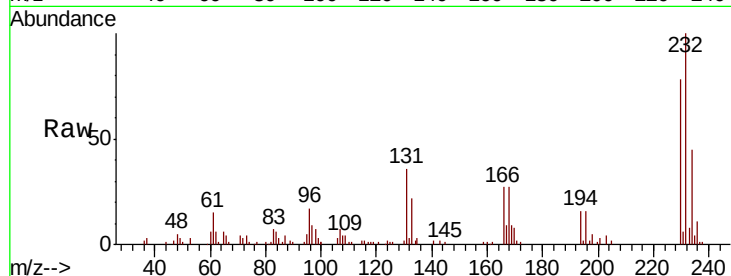




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.527 ng
RT: 15.28 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.1	30.9	46.3
130	2.3	1.9	2.9
166	28.0	22.1	33.1



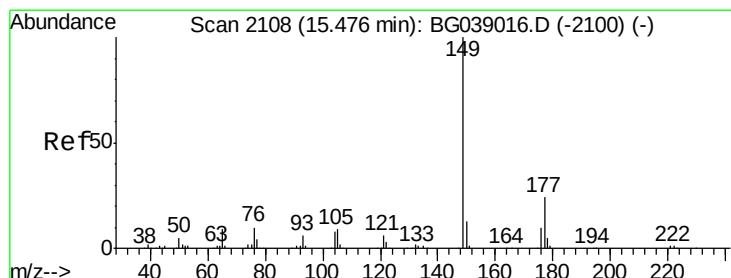
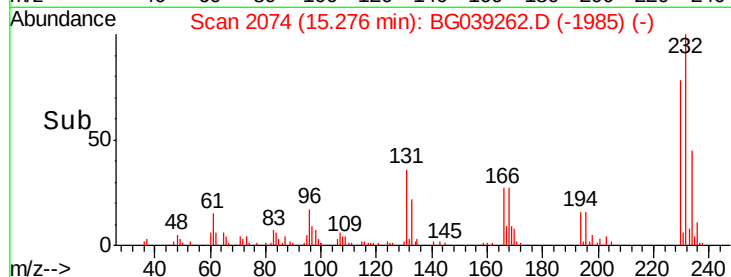
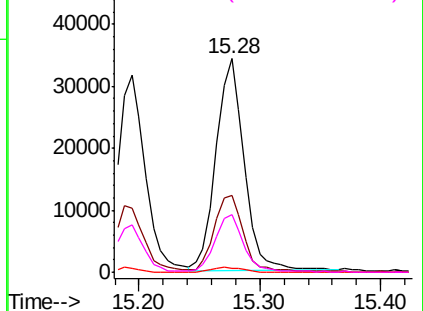
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

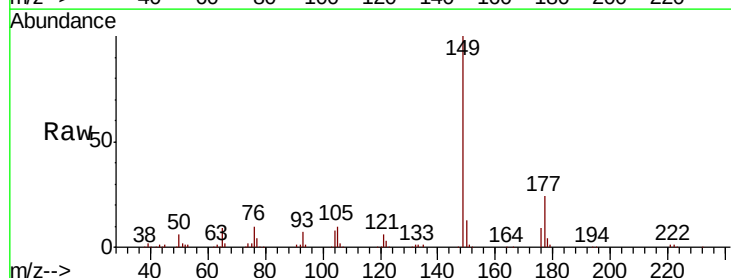
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.130 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.6
150	13.4	10.2	15.4

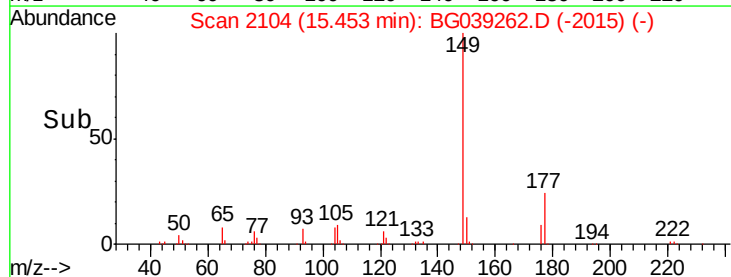
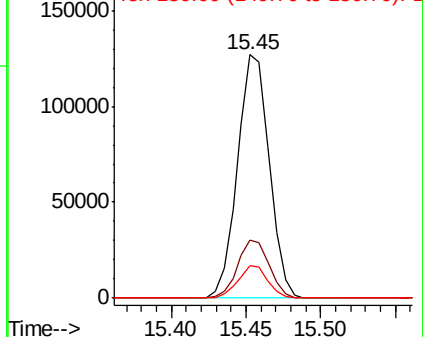


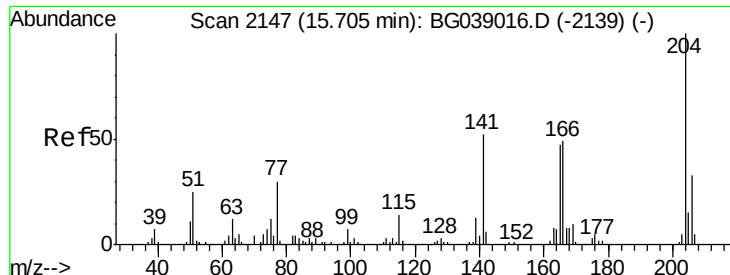
Abundance

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

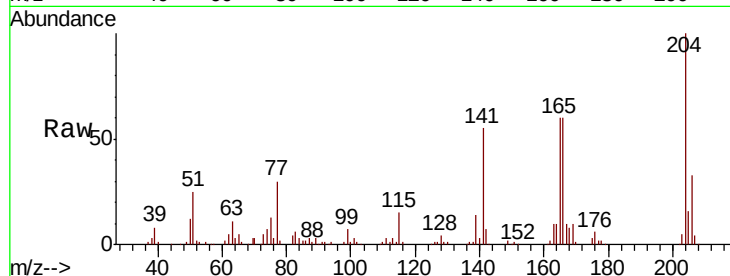




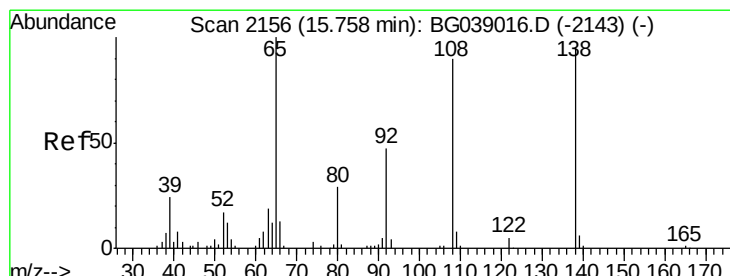
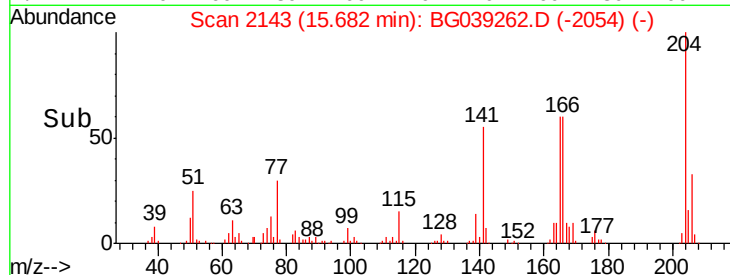
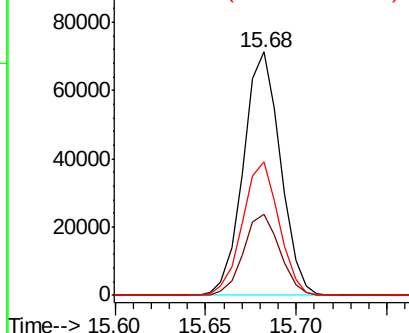
#61
 4-Chlorophenyl-phenylether
 Concen: 37.896 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 101047
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 39.8
 141 54.8 41.4 62.0

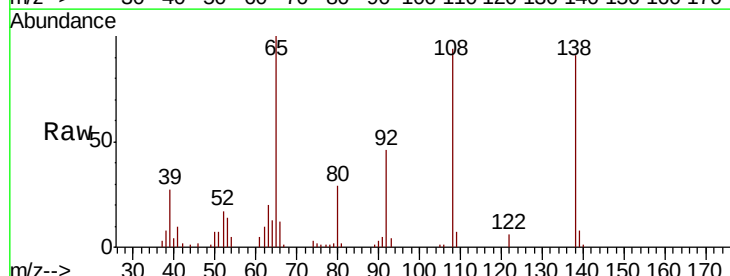


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

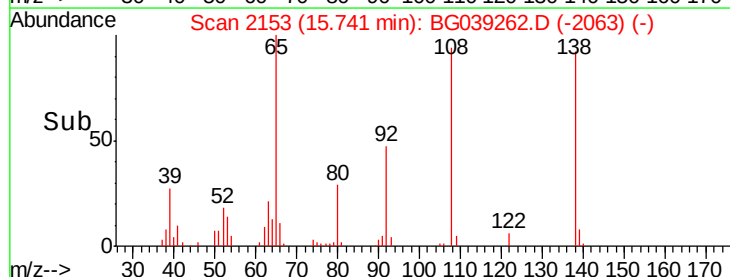
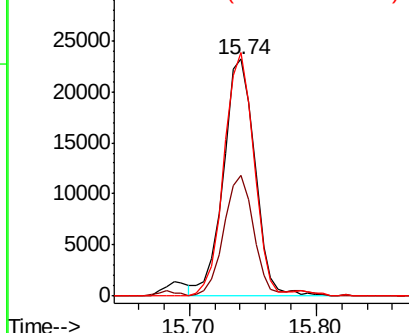


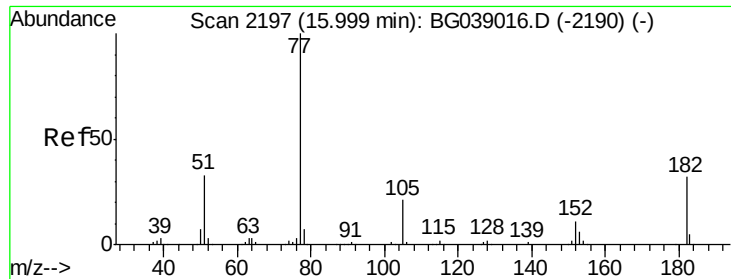
#62
 4-Nitroaniline
 Concen: 36.415 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion:138 Resp: 39973
 Ion Ratio Lower Upper
 138 100
 92 51.0 29.7 69.7
 108 102.9 75.7 115.7



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





#63

Azobenzene

Concen: 38.502 ng

RT: 15.98 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 144129

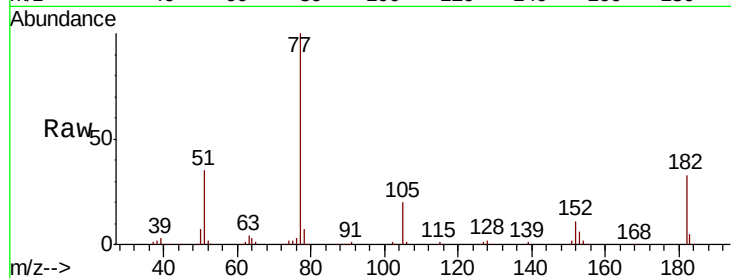
Ion Ratio Lower Upper

77 100

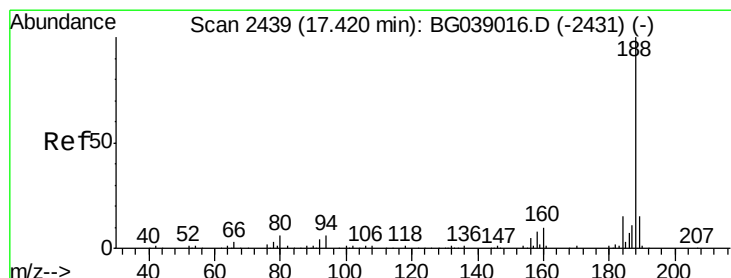
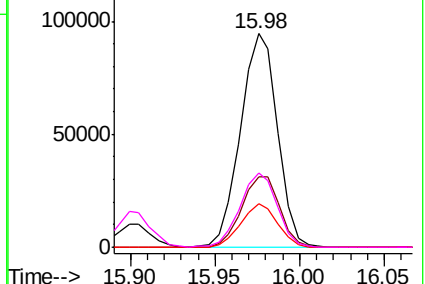
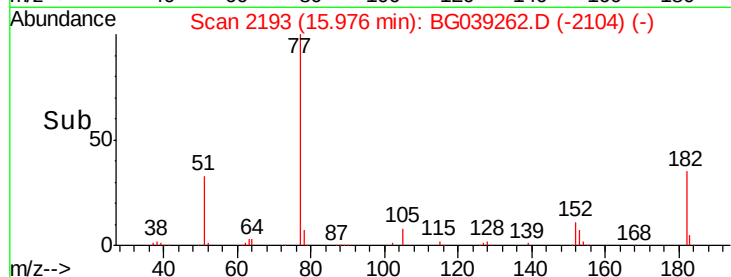
182 33.2 12.2 52.2

105 20.2 1.2 41.2

51 34.9 13.4 53.4



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

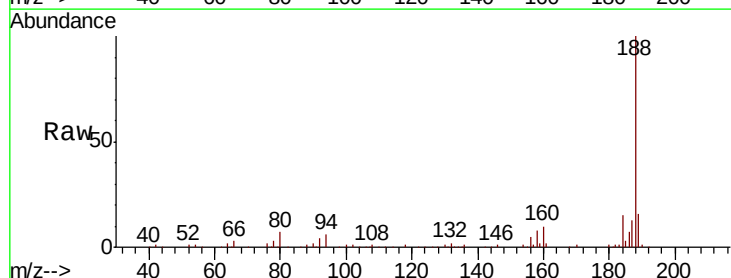
Tgt Ion: 188 Resp: 143101

Ion Ratio Lower Upper

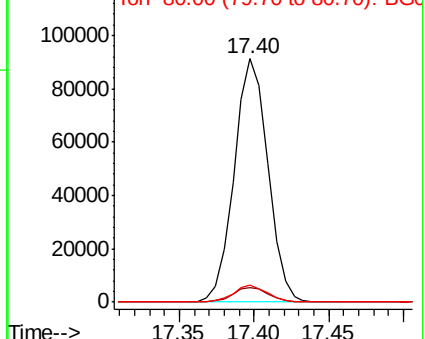
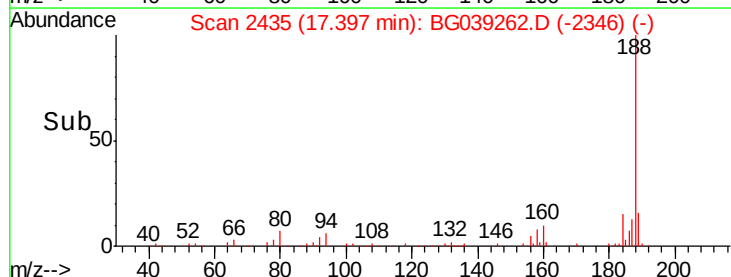
188 100

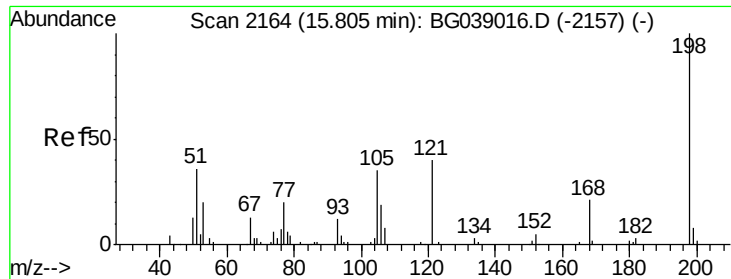
94 6.0 5.0 7.4

80 7.0 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 35.886 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

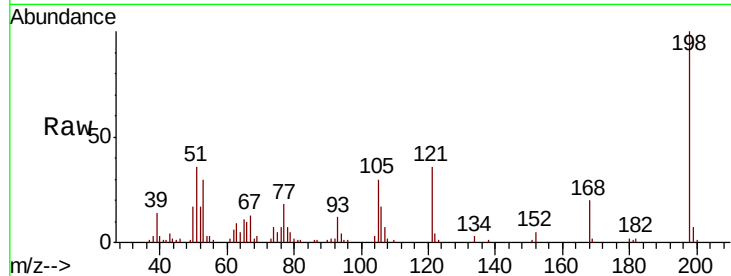
Tot Ion:198 Resp: 38045

Ion Ratio Lower Upper

198 100

51 35.9 20.8 60.8

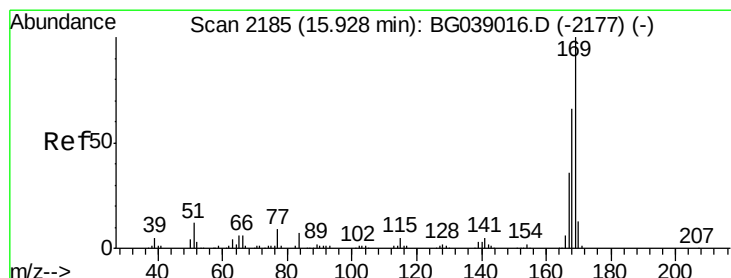
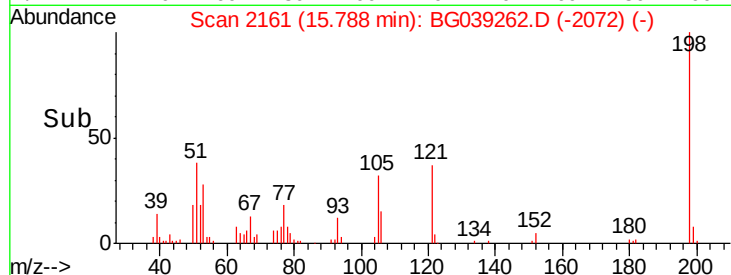
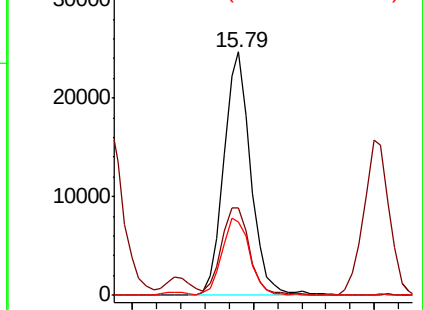
105 30.3 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039016.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.428 ng

RT: 15.91 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

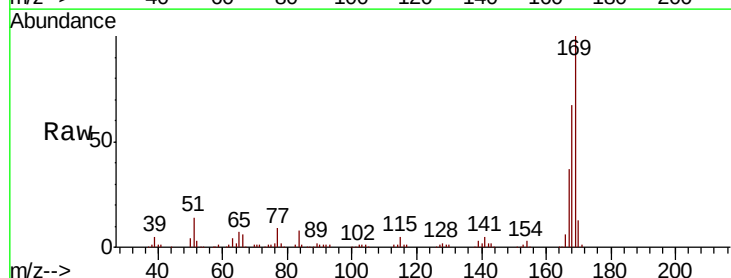
Tgt Ion:169 Resp: 158779

Ion Ratio Lower Upper

169 100

168 67.5 53.2 79.8

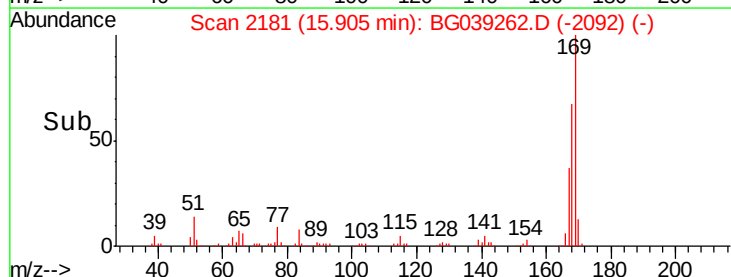
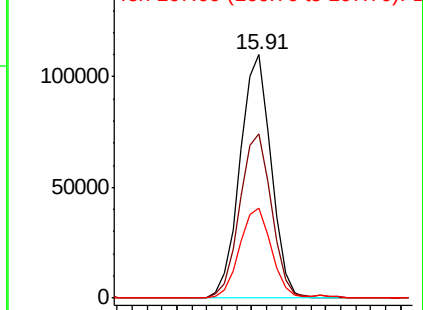
167 37.2 29.1 43.7

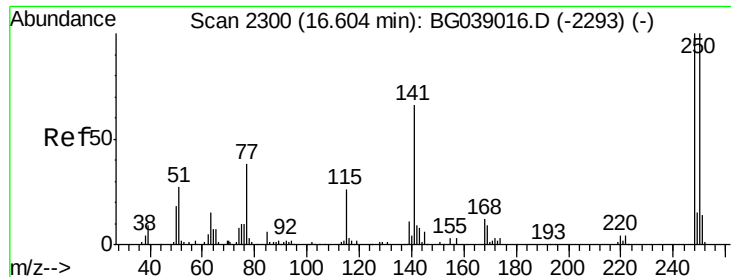


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

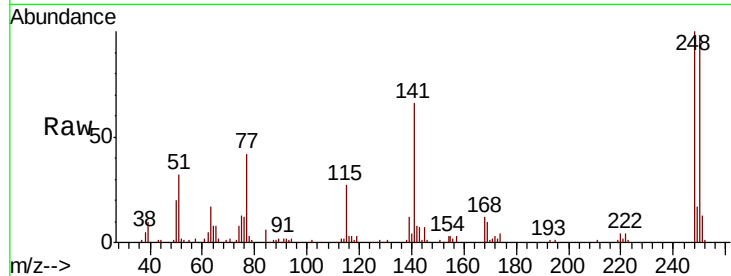




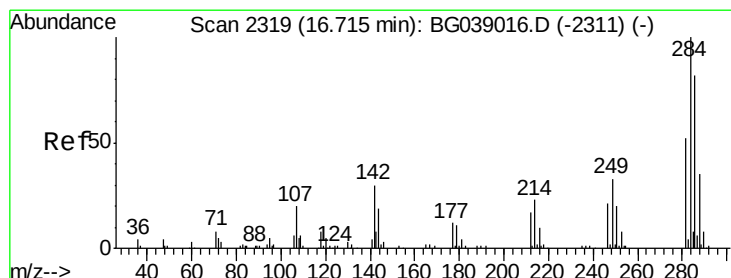
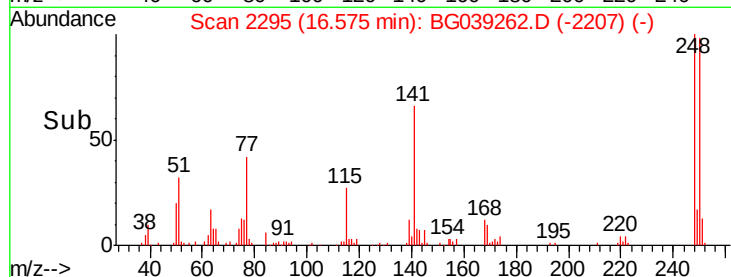
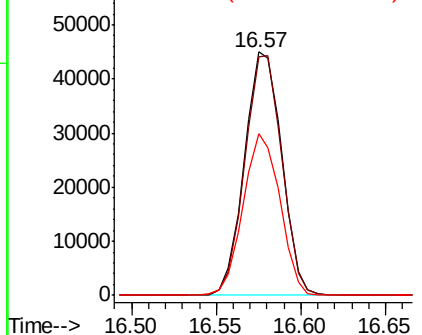
#67
 4-Bromophenyl-phenylether
 Concen: 37.566 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 69103
 Ion Ratio Lower Upper
 248 100
 250 98.0 79.9 119.9
 141 66.3 52.7 79.1

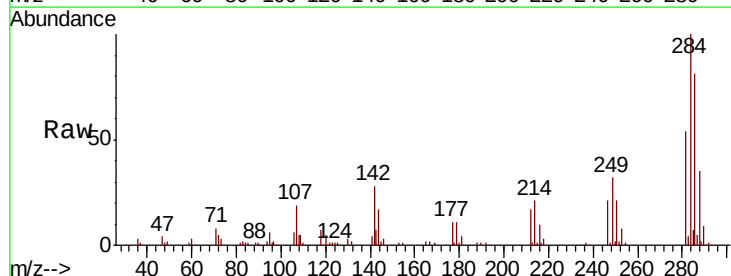


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

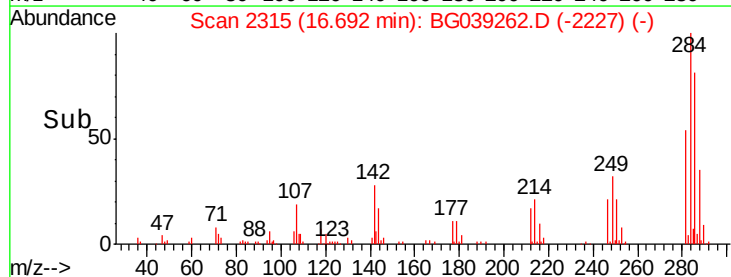
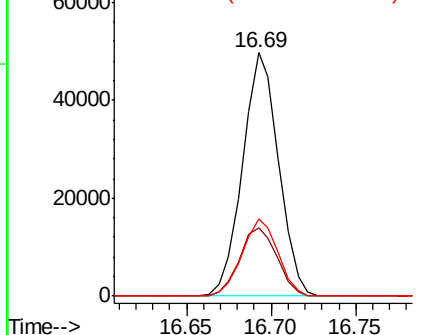


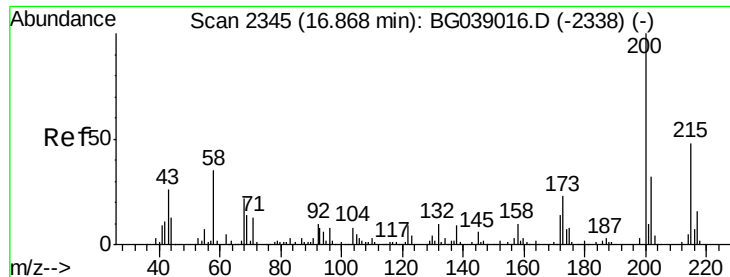
#68
 Hexachlorobenzene
 Concen: 36.749 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion:284 Resp: 73764
 Ion Ratio Lower Upper
 284 100
 142 28.2 24.3 36.5
 249 34.1 27.8 41.8



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





#69

Atrazine

Concen: 35.906 ng

RT: 16.85 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampled :

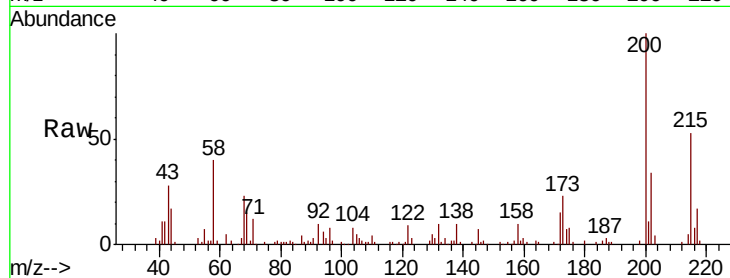
Tot Ion:200 Resp: 64709

Ion Ratio Lower Upper

200 100

173 23.4 2.6 42.6

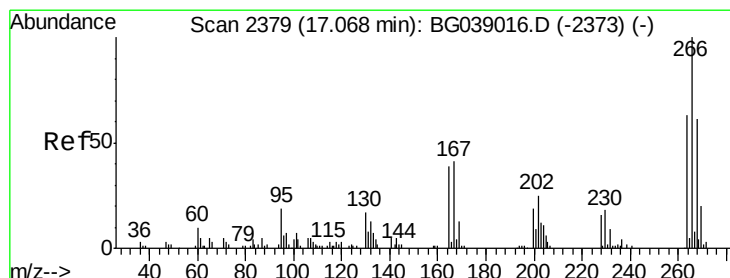
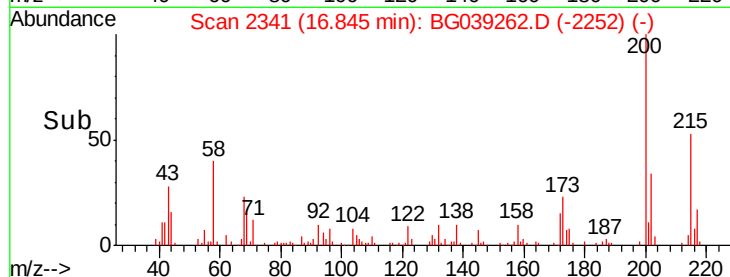
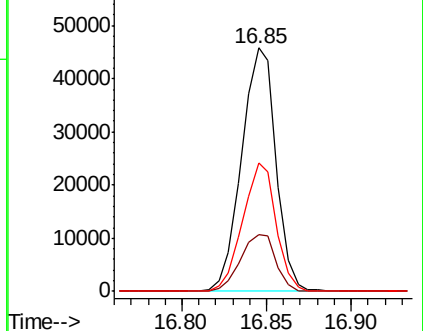
215 52.5 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 60.358 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

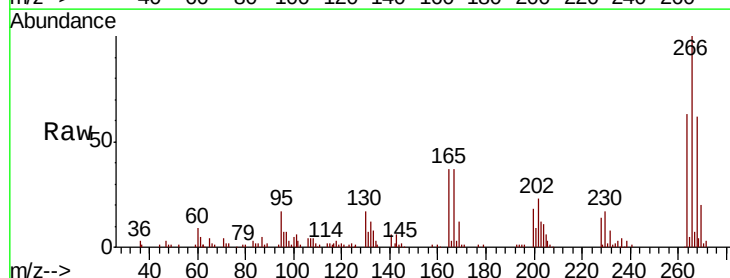
Tgt Ion:266 Resp: 72950

Ion Ratio Lower Upper

266 100

268 66.7 52.0 78.0

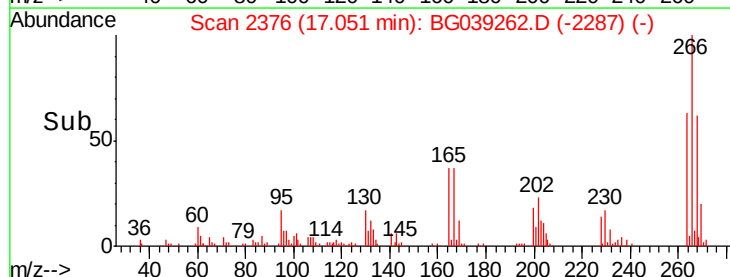
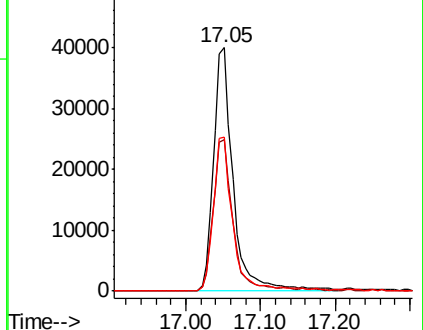
264 68.1 54.6 81.8

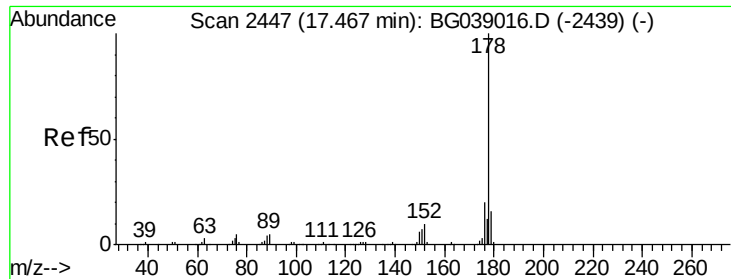


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

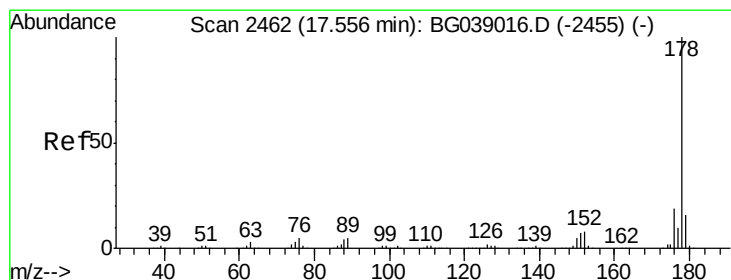
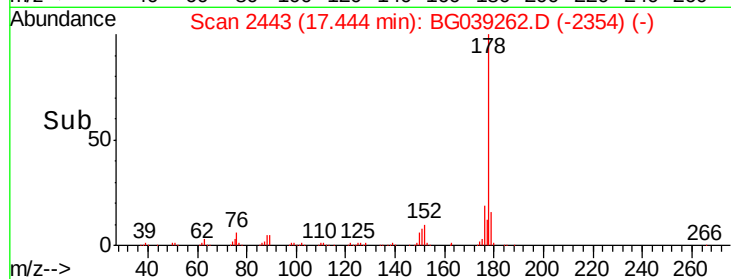
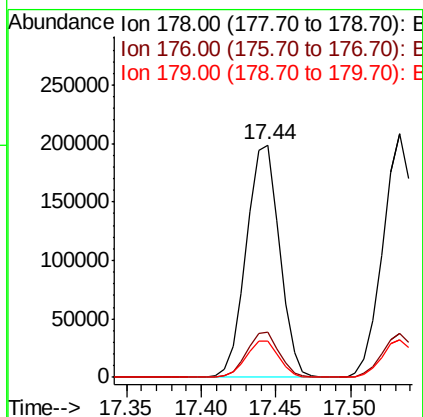
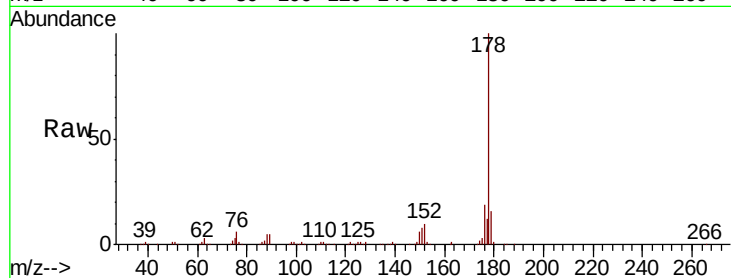




#71
 Phenanthrene
 Concen: 40.383 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

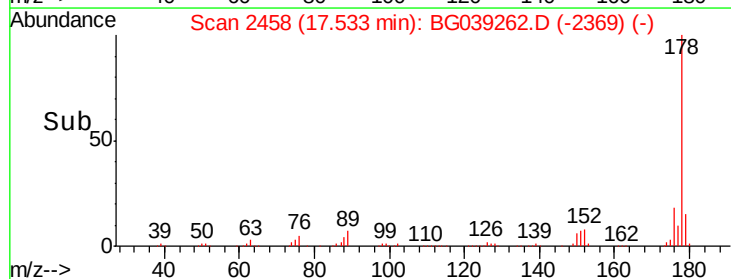
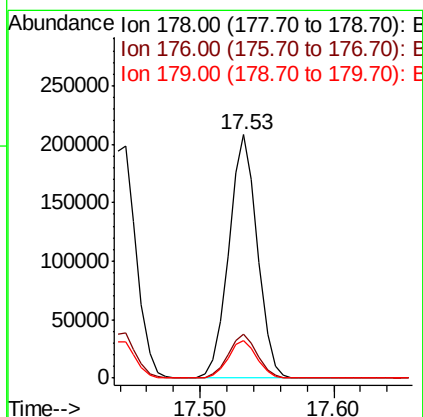
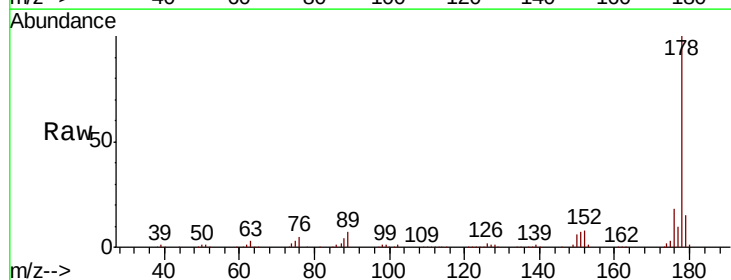
Instrument :
 BNA_G
 ClientSampleId :

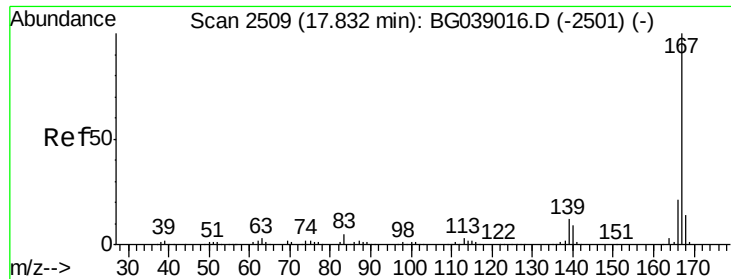
Tot Ion:178 Resp: 305452
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.7 23.5
 179 15.8 12.9 19.3



#72
 Anthracene
 Concen: 41.447 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion:178 Resp: 309968
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.9 22.3
 179 15.5 13.0 19.4

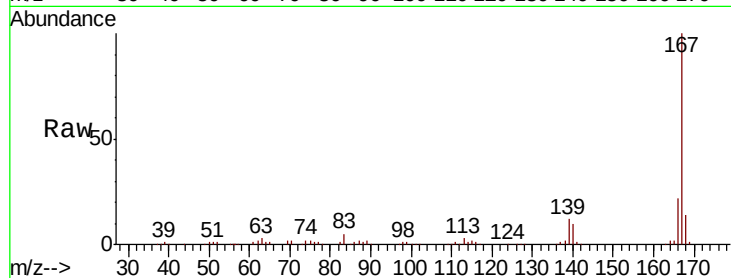




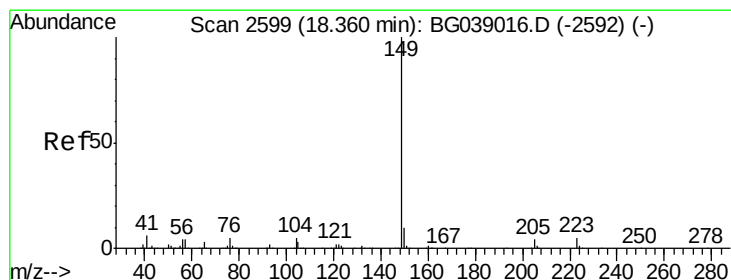
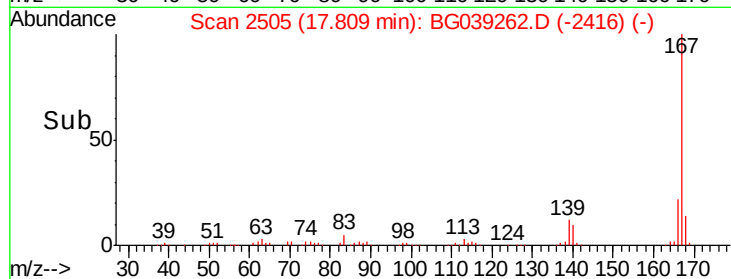
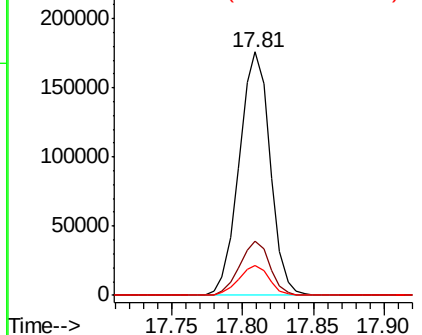
#73
 Carbazole
 Concen: 36.669 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	16.9	25.3
139	12.2	10.0	15.0

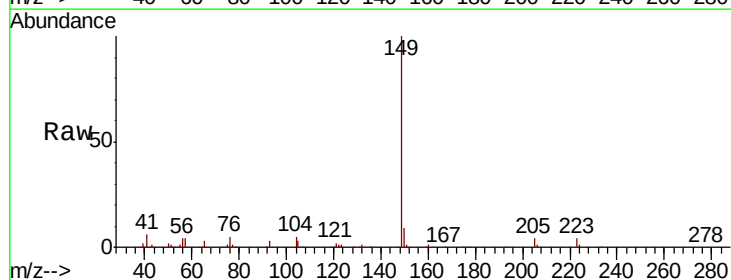


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

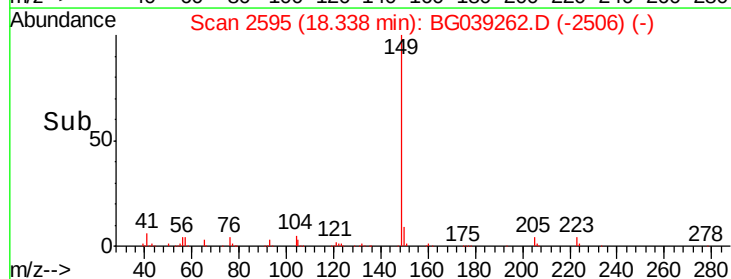
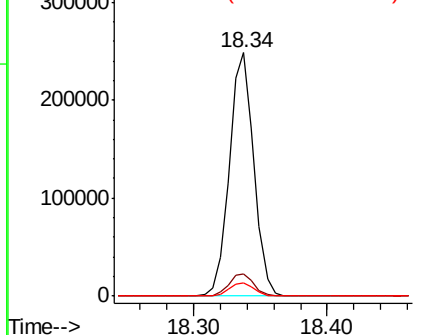


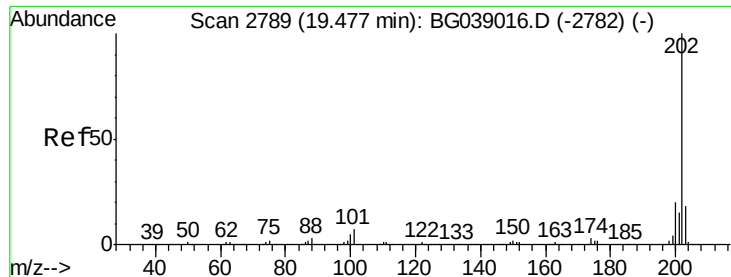
#74
 Di-n-butylphthalate
 Concen: 38.699 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.9	11.9
104	5.5	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

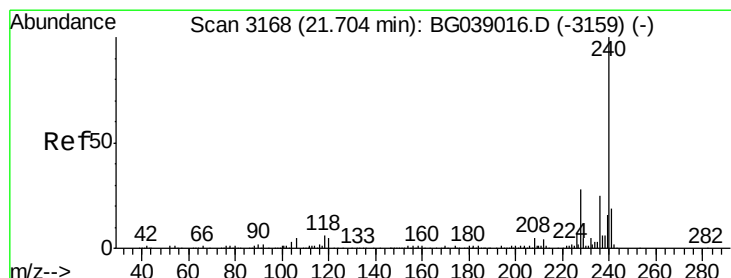
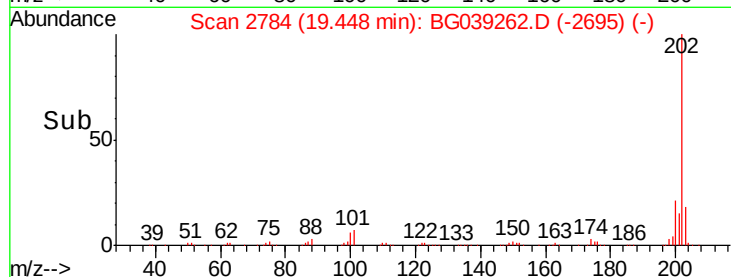
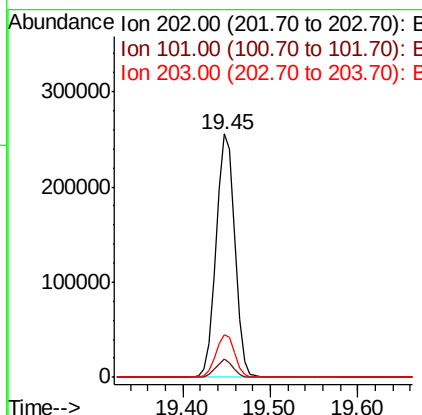
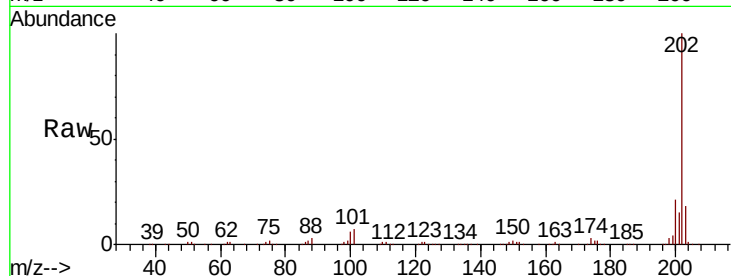




#75
Fluoranthene
Concen: 40.627 ng
RT: 19.45 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

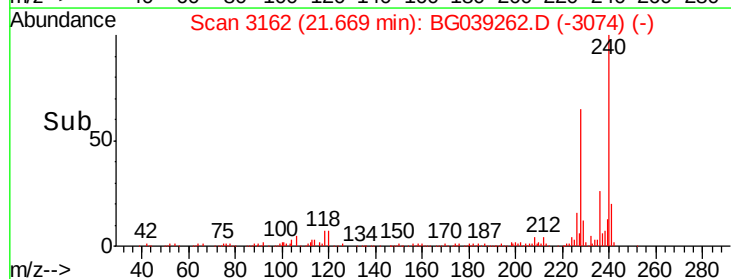
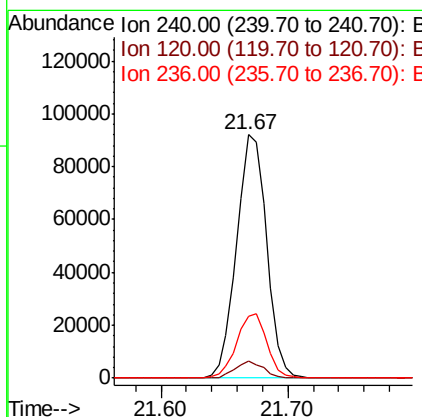
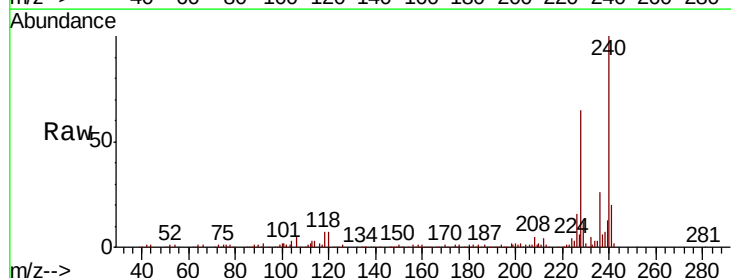
Instrument :
BNA_G
ClientSampleId :

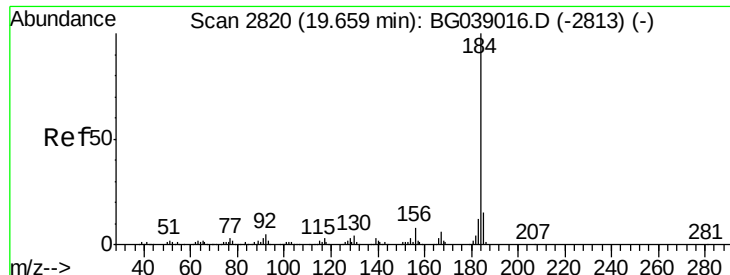
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	26.9
203	17.6	0.0	38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.3	6.5#
236	25.6	20.1	30.1





#77

Benzidine

Concen: 25.421 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

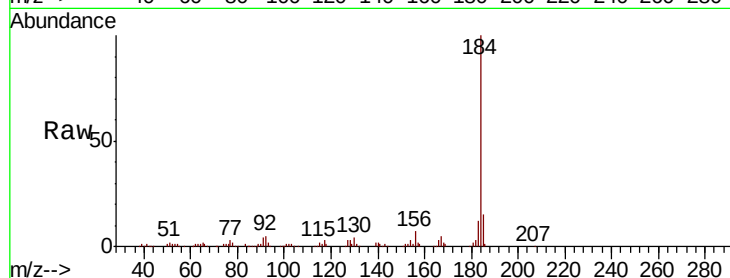
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 117627

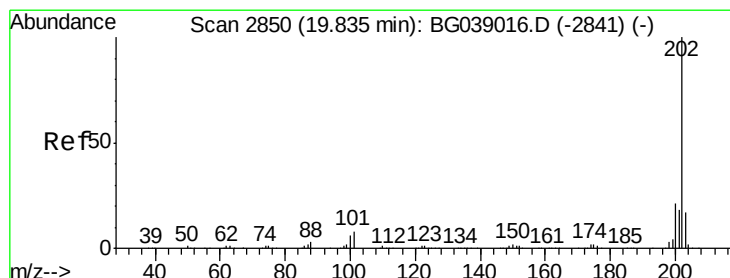
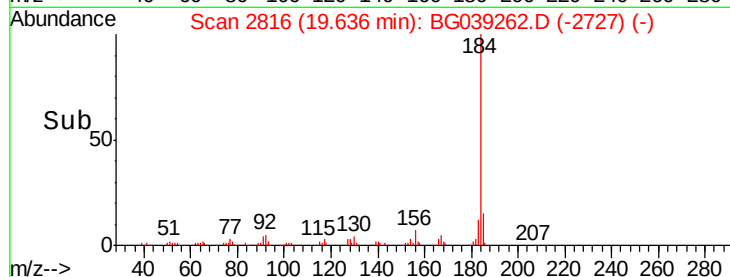
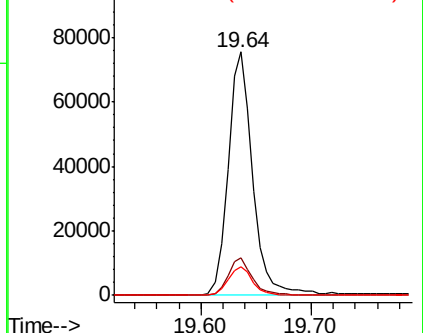
Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.1	18.1
183	11.8	9.5	14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.165 ng

RT: 19.81 min Scan# 2846

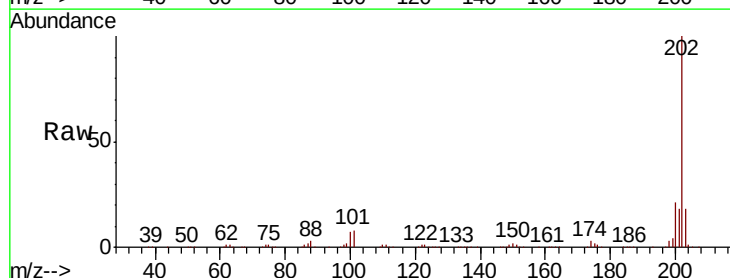
Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Tgt Ion:202 Resp: 377592

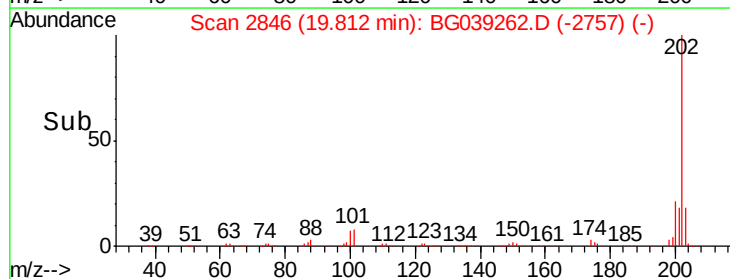
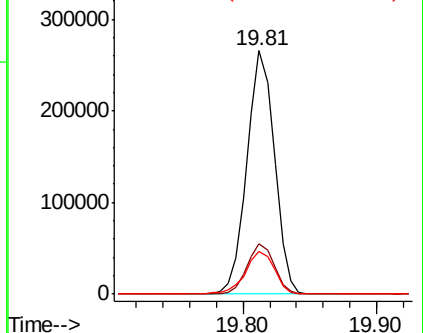
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	17.6	14.0	21.0

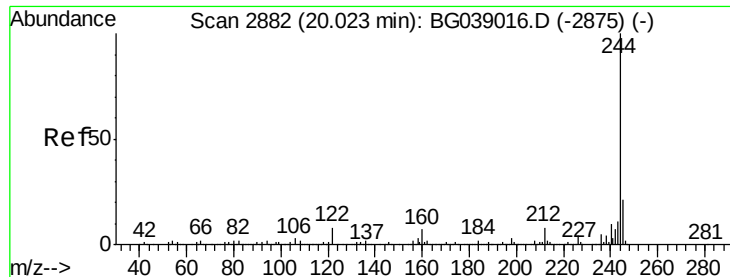


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.360 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

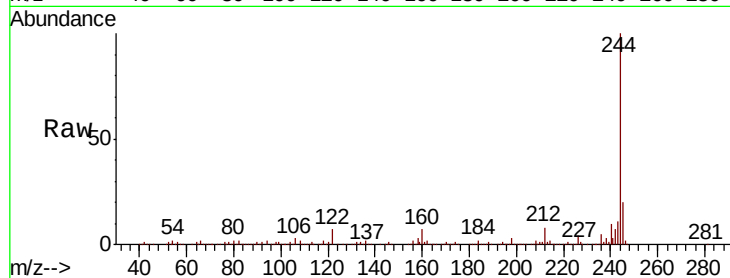
Tot Ion:244 Resp: 632637

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

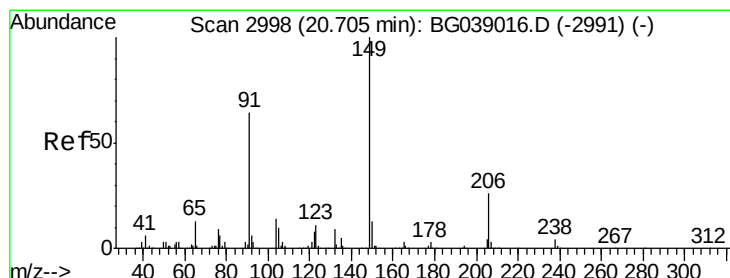
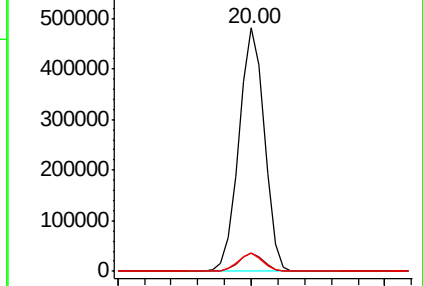
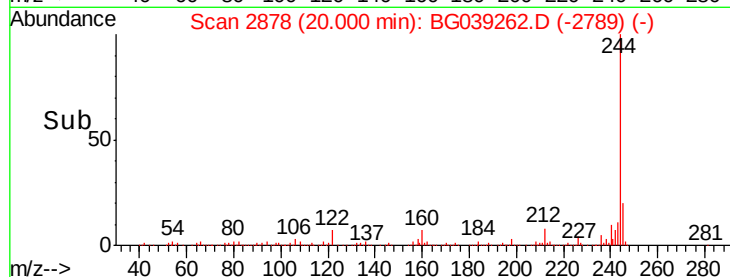
122 7.3 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.830 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

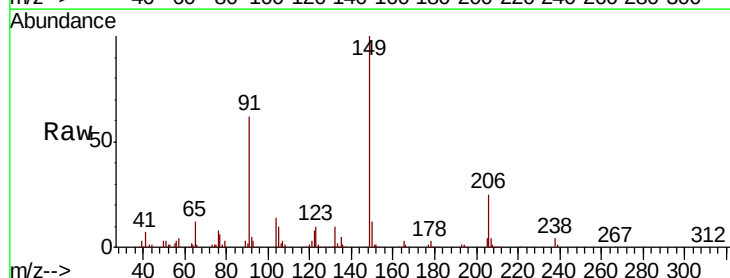
Tgt Ion:149 Resp: 142382

Ion Ratio Lower Upper

149 100

91 62.1 51.4 77.0

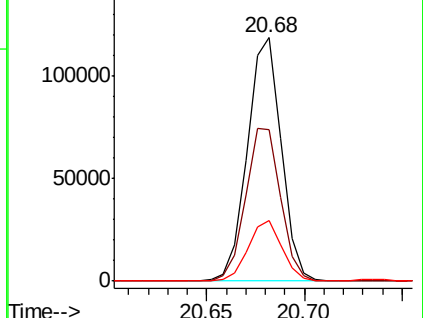
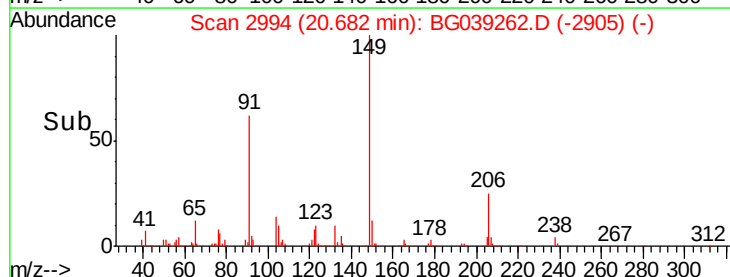
206 24.7 20.4 30.6

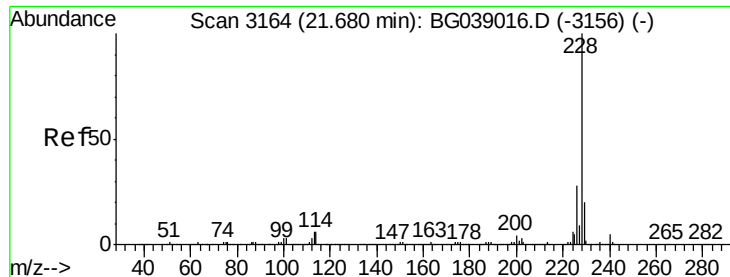


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.825 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

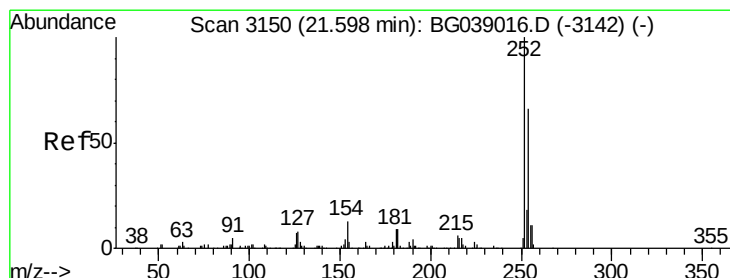
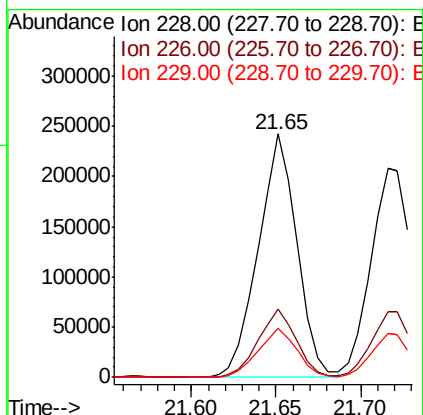
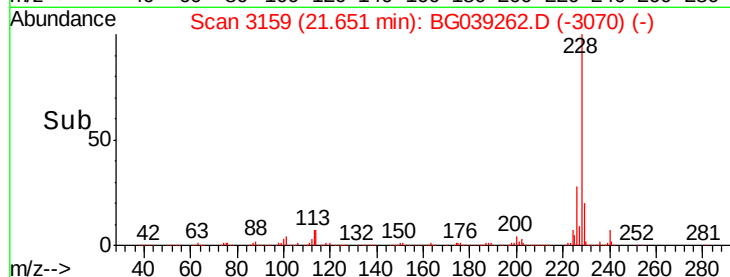
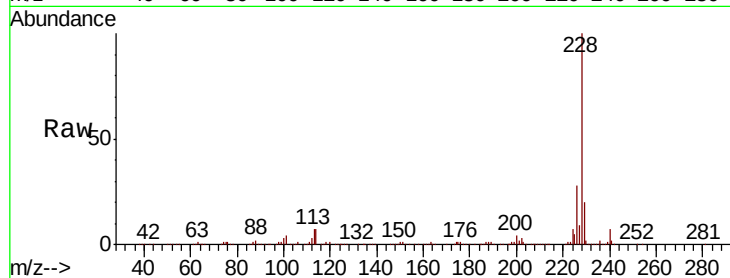
Tot Ion:228 Resp: 385175

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 26.871 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

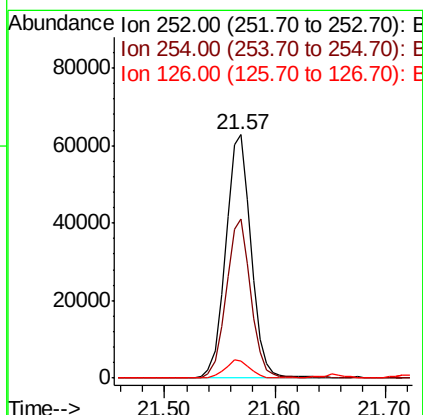
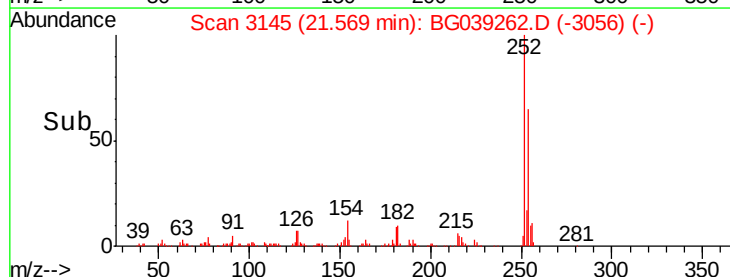
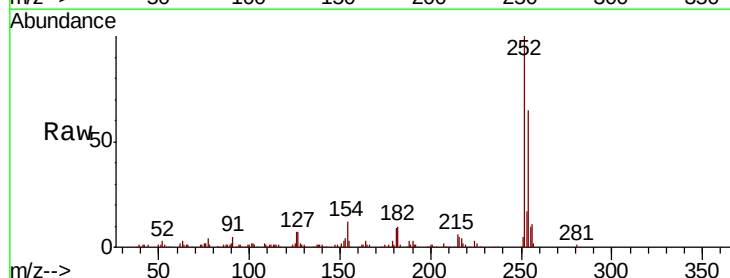
Tgt Ion:252 Resp: 100829

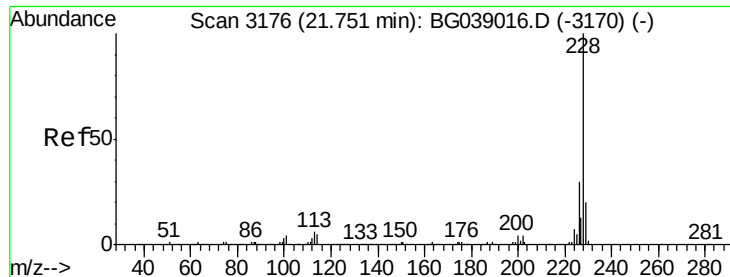
Ion Ratio Lower Upper

252 100

254 65.5 53.0 79.6

126 7.0 6.0 9.0

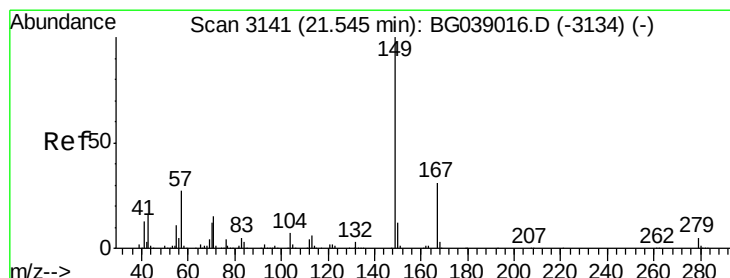
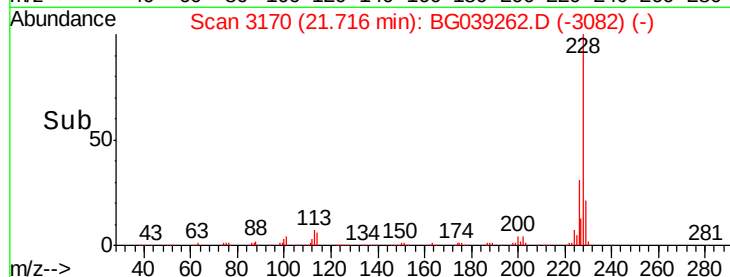
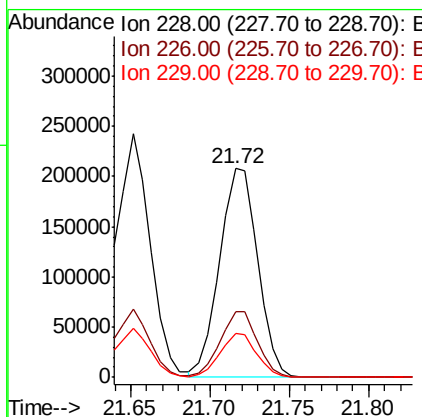
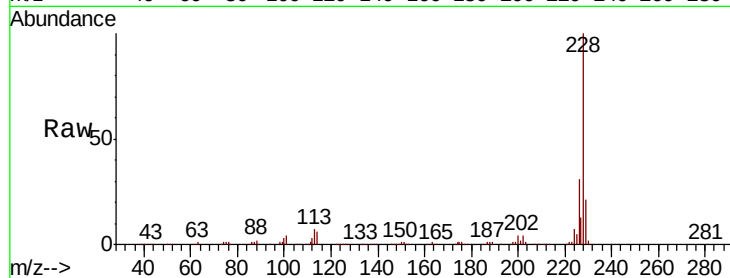




#83
 Chrysene
 Concen: 39.563 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

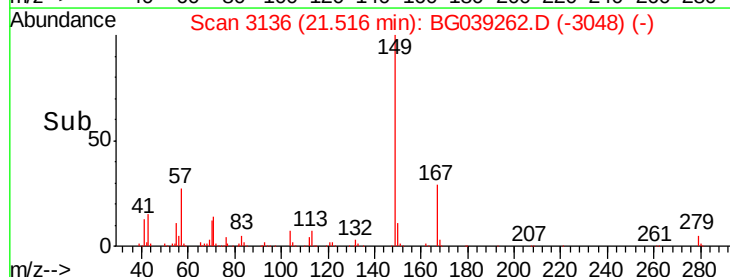
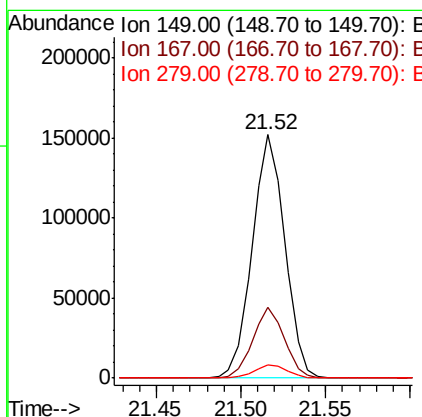
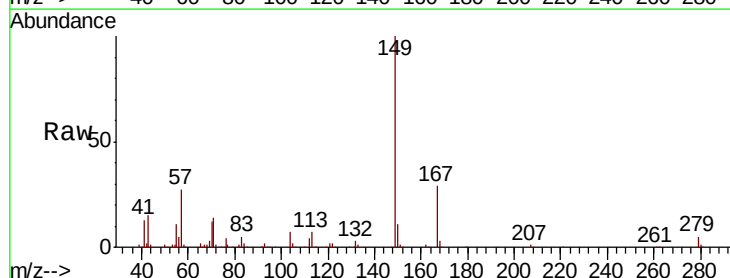
Instrument :
 BNA_G
 ClientSampleId :

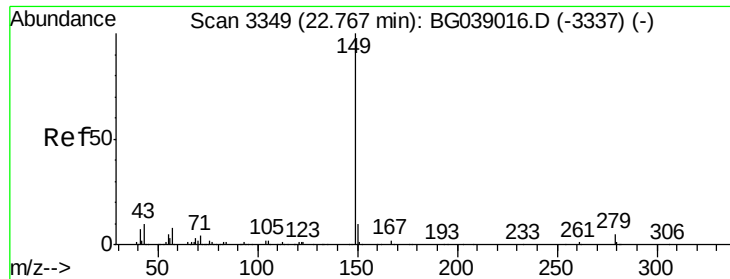
Tot Ion:228 Resp: 346529
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.1 36.1
 229 20.8 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.062 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG039262.D
 Acq: 23 Jan 2019 14:14

Tgt Ion:149 Resp: 203971
 Ion Ratio Lower Upper
 149 100
 167 29.1 25.0 37.4
 279 5.3 4.3 6.5

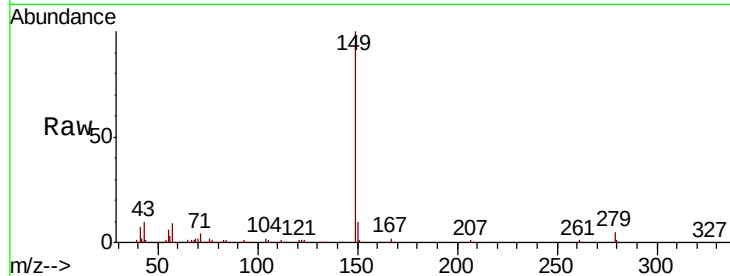




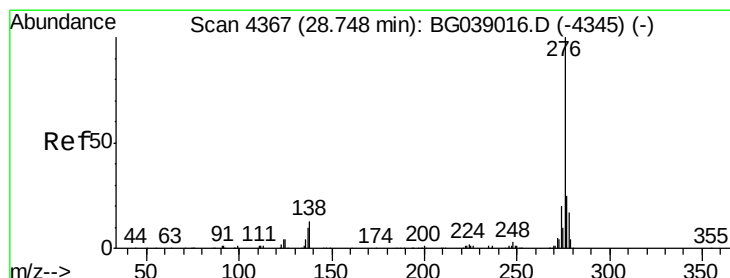
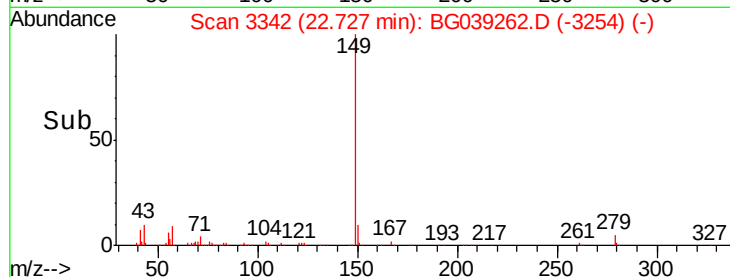
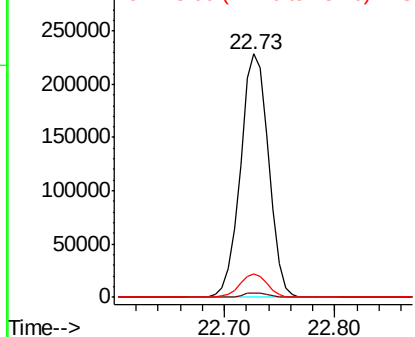
#85
Di-n-octyl phthalate
Concen: 47.517 ng
RT: 22.73 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 409082
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.5 7.5 11.3

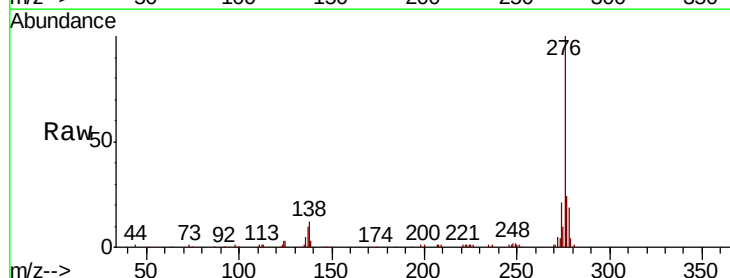


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

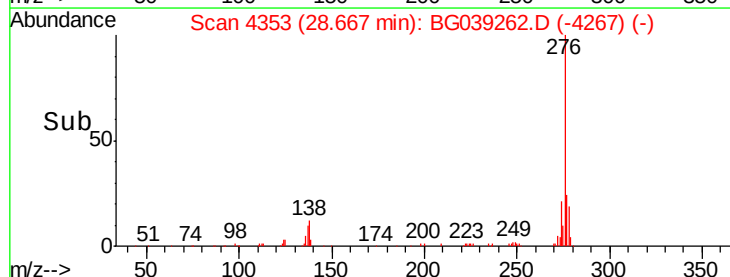
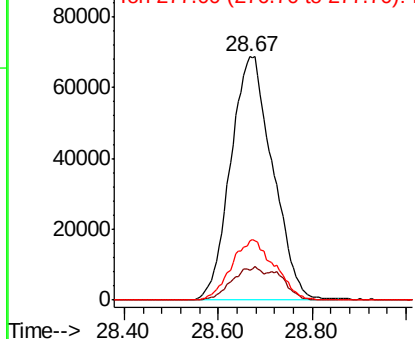


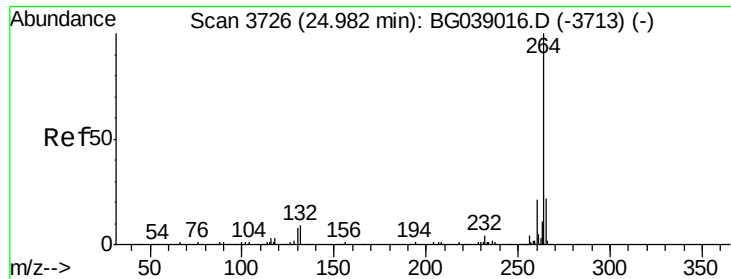
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.770 ng
RT: 28.67 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion:276 Resp: 426693
Ion Ratio Lower Upper
276 100
138 10.4 8.0 12.0
277 25.4 20.3 30.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

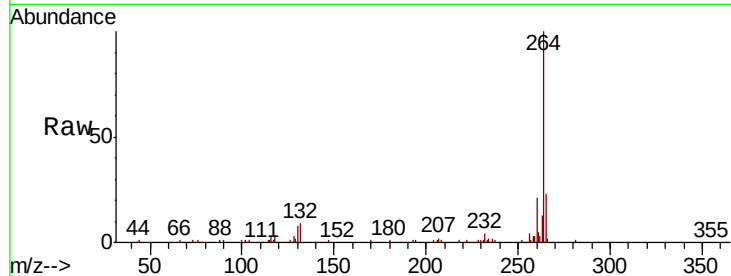
Tot Ion:264 Resp: 143010

Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.0	25.6
265	22.5	17.2	25.8

264 100

260 21.3 17.0 25.6

265 22.5 17.2 25.8

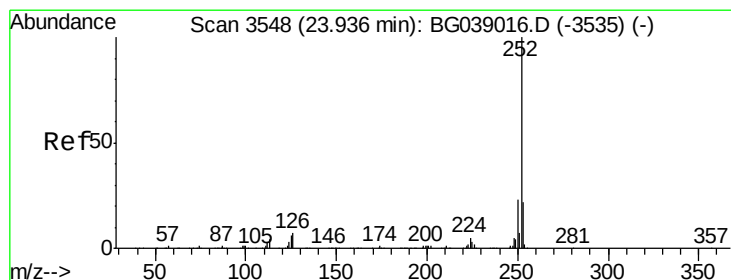
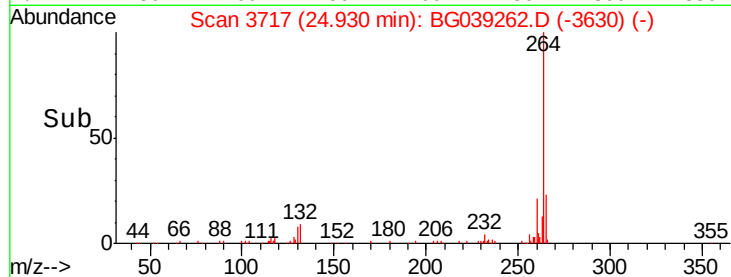
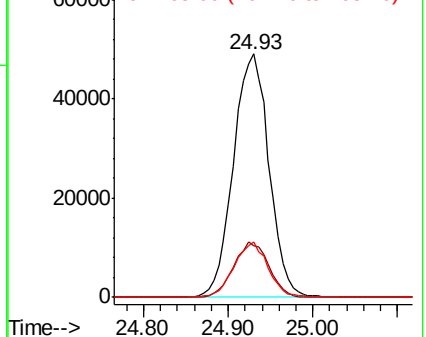


Abundance

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: 48.455 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

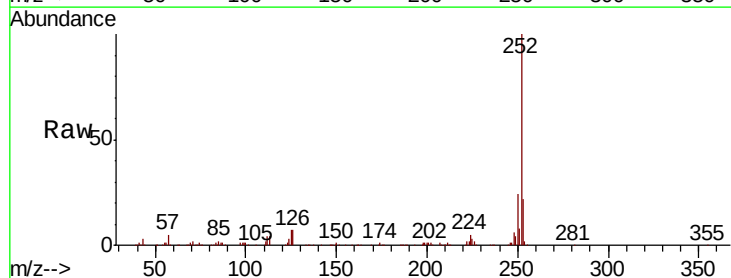
Tgt Ion:252 Resp: 382094

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.5	4.9	7.3

252 100

253 22.0 17.8 26.6

125 6.5 4.9 7.3

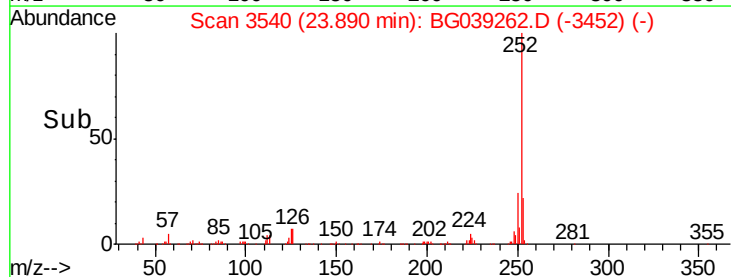
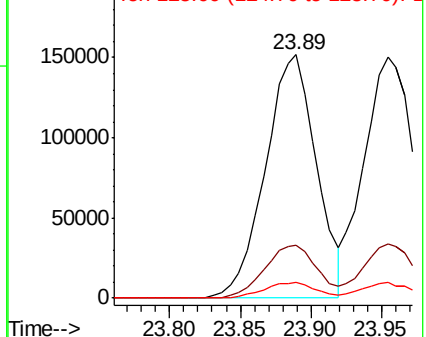


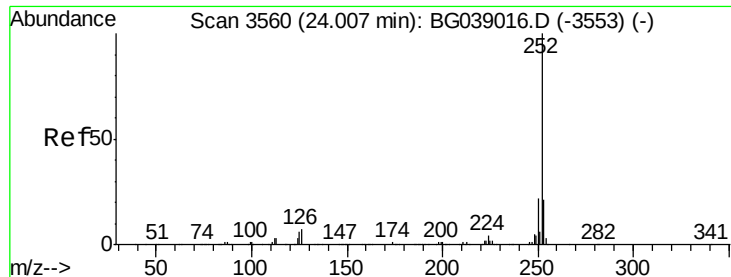
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.214 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

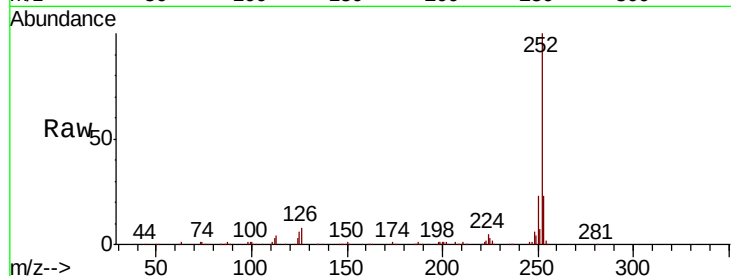
Tot Ion:252 Resp: 368113

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

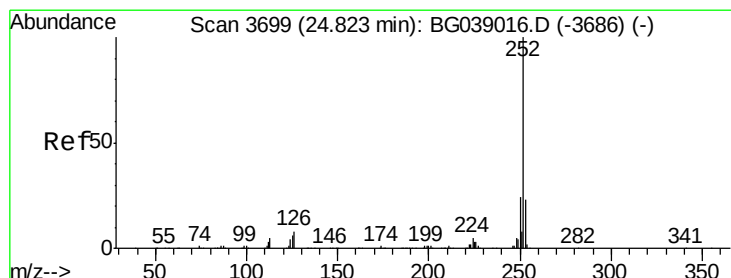
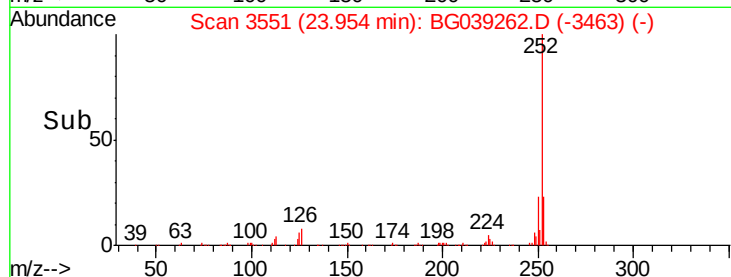
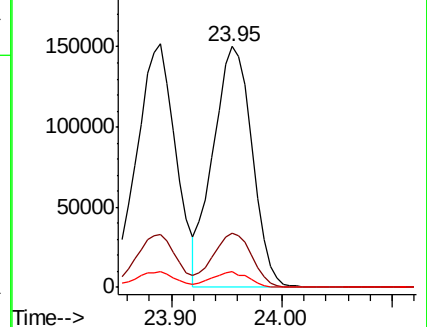
125 6.3 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.952 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG039262.D

Acq: 23 Jan 2019 14:14

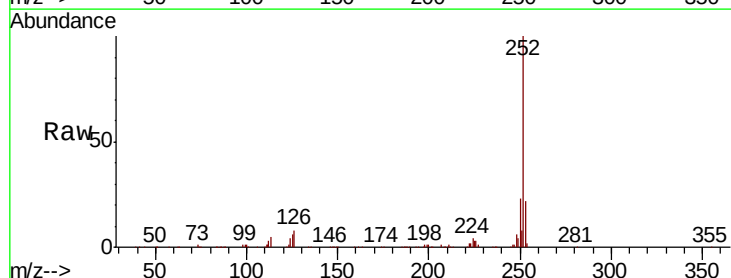
Tgt Ion:252 Resp: 357870

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

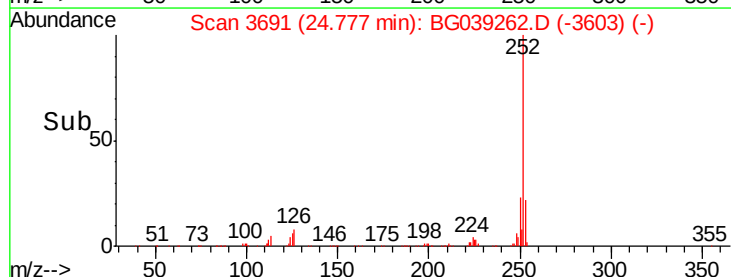
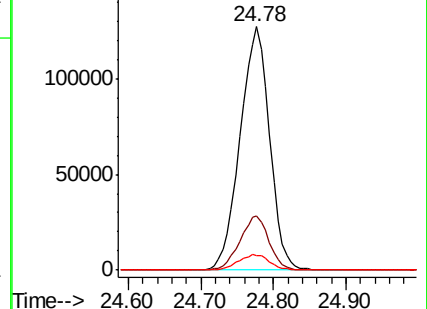
125 5.8 4.9 7.3

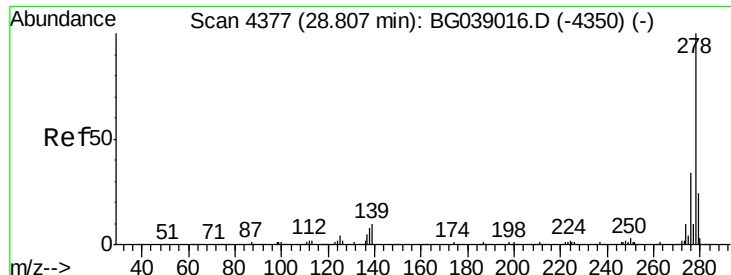


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



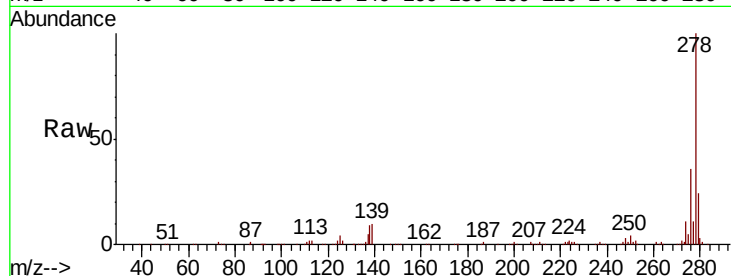


#91
Dibenzo(a,h)anthracene
Concen: 47.031 ng
RT: 28.73 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

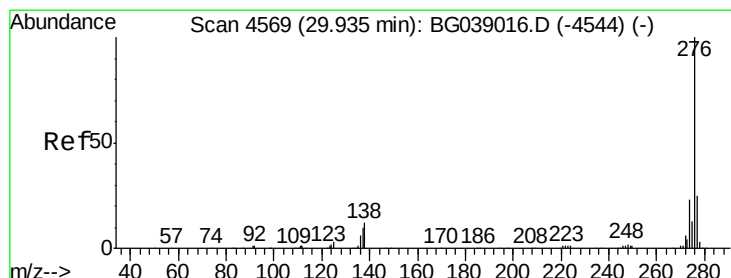
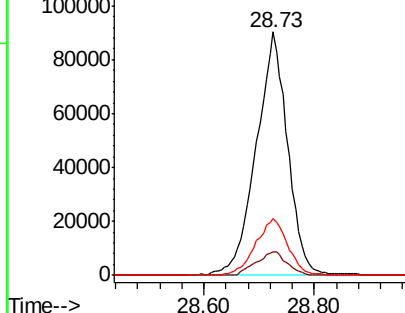
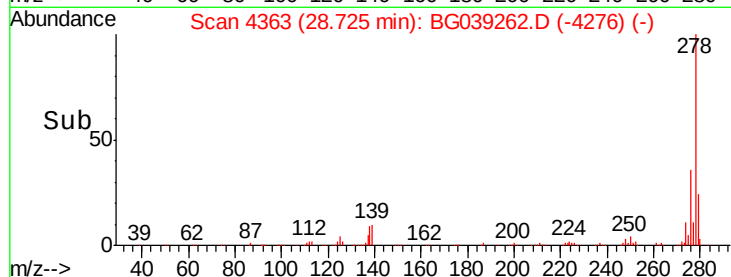
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 356562

Ion	Ratio	Lower	Upper
278	100		
139	9.7	7.9	11.9
279	23.5	19.3	28.9



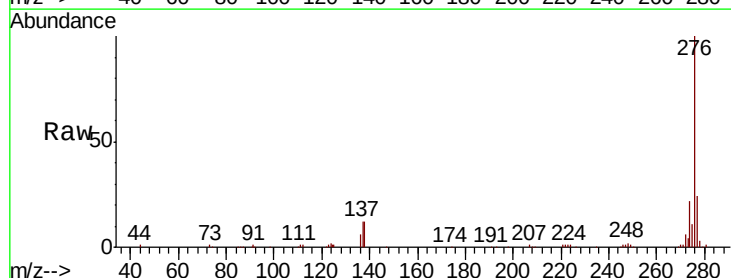
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.193 ng
RT: 29.84 min Scan# 4553
Delta R.T. -0.03 min
Lab File: BG039262.D
Acq: 23 Jan 2019 14:14

Tgt Ion:276 Resp: 346701

Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.3	30.5
138	11.7	9.4	14.2



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

