

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039179.D
 Acq On : 17 Jan 2019 5:29
 Operator : JU/SJ
 Sample : K1010-04MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Quant Time: Jan 17 08:09:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	22008	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	98448	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	72824	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	206184	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	192795	20.00	ng	-0.02
87) Perylene-d12	24.95	264	252415	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	162406	139.99	ng	-0.01
7) Phenol-d6	7.18	99	225515	135.07	ng	-0.01
23) Nitrobenzene-d5	9.20	82	162362	90.24	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	204418	167.46	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	463488	87.10	ng	-0.01
79) Terphenyl-d14	20.01	244	886347	85.05	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	14705	32.367	ng	# 1
3) Pyridine	3.87	79	40673	32.947	ng	94
4) n-Nitrosodimethylamine	3.78	42	25793	46.431	ng	# 92
6) Aniline	7.35	93	25137	12.536	ng	98
8) 2-Chlorophenol	7.58	128	70539	51.579	ng	99
9) Benzaldehyde	7.16	77	20238	21.019	ng	92
10) Phenol	7.21	94	76817	45.890	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	57739	45.131	ng	98
12) 1,3-Dichlorobenzene	7.90	146	67746	41.345	ng	99
13) 1,4-Dichlorobenzene	8.05	146	68435	41.239	ng	98
14) 1,2-Dichlorobenzene	8.37	146	68180	43.091	ng	97
15) Benzyl Alcohol	8.26	79	65098	51.774	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	112873	46.010	ng	98
17) 2-Methylphenol	8.46	107	60626	52.159	ng	97
18) Hexachloroethane	9.09	117	24202	42.929	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	51901	47.338	ng	94
20) 3+4-Methylphenols	8.80	107	81727	49.317	ng	96
22) Acetophenone	8.85	105	105293	40.954	ng	# 98
24) Nitrobenzene	9.24	77	80684	44.368	ng	99
25) Isophorone	9.75	82	211235	68.160	ng	97
26) 2-Nitrophenol	9.95	139	46182	46.951	ng	93
27) 2,4-Dimethylphenol	10.00	122	78120	56.452	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	87273	46.856	ng	99
29) 2,4-Dichlorophenol	10.48	162	88583	51.526	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	86626	41.936	ng	93
31) Naphthalene	10.88	128	234985	47.591	ng	98
32) Benzoic acid	10.16	122	24717	32.773	ng	90
33) 4-Chloroaniline	11.02	127	4940	2.236	ng	95
34) Hexachlorobutadiene	11.14	225	57538	40.482	ng	98
35) Caprolactam	11.79	113	11920	17.291	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	102225	55.594	ng	91
37) 2-Methylnaphthalene	12.49	142	186236	50.308	ng	99
38) 1-Methylnaphthalene	12.70	142	173192	48.742	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	117282	42.882	ng	100

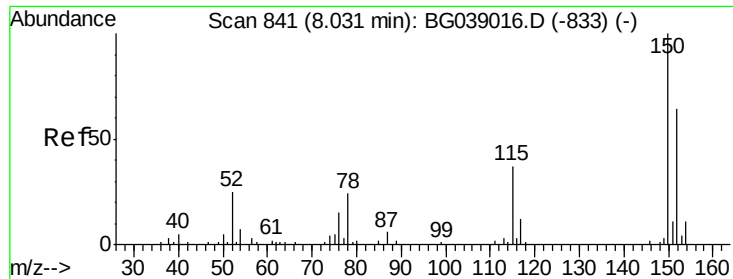
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039179.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	114353	74.652	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	81896	47.577	ng	95
44) 2,4,5-Trichlorophenol	13.17	196	89493	49.191	ng	98
46) 1,1'-Biphenyl	13.49	154	252243	43.713	ng	100
47) 2-Chloronaphthalene	13.54	162	202601	43.387	ng	97
48) 2-Nitroaniline	13.75	65	60661	46.370	ng	92
49) Acenaphthylene	14.38	152	333579	47.527	ng	100
50) Dimethylphthalate	14.11	163	281622	45.763	ng	100
51) 2,6-Dinitrotoluene	14.25	165	62128	45.156	ng	99
52) Acenaphthene	14.72	154	191618	45.440	ng	95
53) 3-Nitroaniline	14.58	138	6648	4.763	ng	95
54) 2,4-Dinitrophenol	14.79	184	36949	47.280	ng	98
55) Dibenzofuran	15.06	168	378960	50.883	ng	98
56) 4-Nitrophenol	14.89	139	78009	77.678	ng	97
57) 2,4-Dinitrotoluene	15.04	165	110275	55.866	ng	97
58) Fluorene	15.71	166	278439	49.668	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.29	232	91770	53.437	ng	99
60) Diethylphthalate	15.46	149	313586	49.458	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	159971	45.294	ng	98
62) 4-Nitroaniline	15.75	138	60197	41.401	ng	97
63) Azobenzene	15.99	77	222959	44.966	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	45366	29.699	ng	93
66) n-Nitrosodiphenylamine	15.91	169	252226	41.265	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	119048	44.917	ng	98
68) Hexachlorobenzene	16.70	284	126307	43.673	ng	98
69) Atrazine	16.86	200	115502	44.482	ng	97
70) Pentachlorophenol	17.06	266	120783	68.494	ng	95
71) Phenanthrene	17.45	178	520615	47.771	ng	99
72) Anthracene	17.54	178	516356	47.920	ng	99
73) Carbazole	17.82	167	441458	41.501	ng	99
74) Di-n-butylphthalate	18.35	149	487306	41.180	ng	99
75) Fluoranthene	19.46	202	641367	47.472	ng	100
77) Benzidine	19.65	184	55790	9.461	ng	99
78) Pyrene	19.82	202	570504	46.433	ng	99
80) Butylbenzylphthalate	20.69	149	215884	46.198	ng	98
81) Benzo(a)anthracene	21.66	228	572412	48.773	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	56565	11.829	ng	96
83) Chrysene	21.73	228	527685	47.274	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	295768	45.583	ng	97
85) Di-n-octyl phthalate	22.74	149	503700	45.909	ng	99
86) Indeno(1,2,3-cd)pyrene	28.70	276	674365	50.560	ng	# 98
88) Benzo(b)fluoranthene	23.91	252	584980	42.030	ng	99
89) Benzo(k)fluoranthene	23.97	252	566870	41.193	ng	97
90) Benzo(a)pyrene	24.79	252	681984	50.694	ng	# 98
91) Dibenzo(a,h)anthracene	28.75	278	557459	41.660	ng	99
92) Benzo(g,h,i)perylene	29.89	276	547025	41.293	ng	98

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

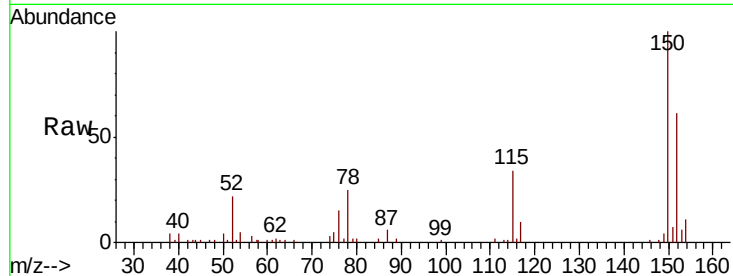


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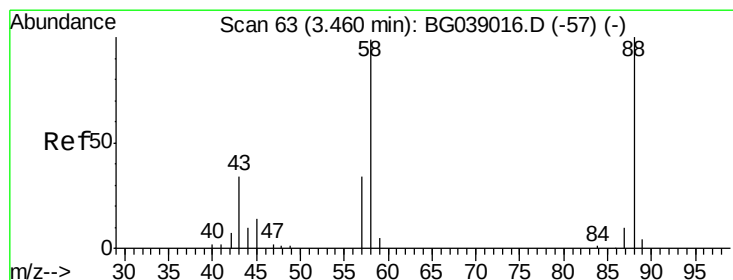
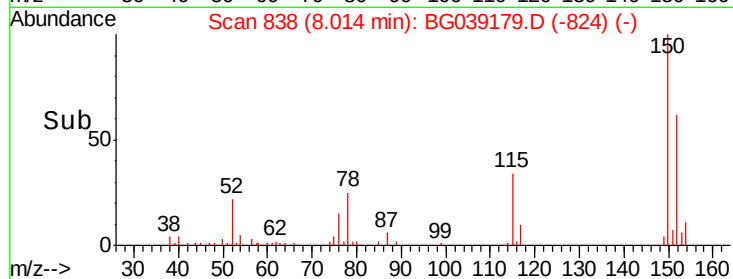
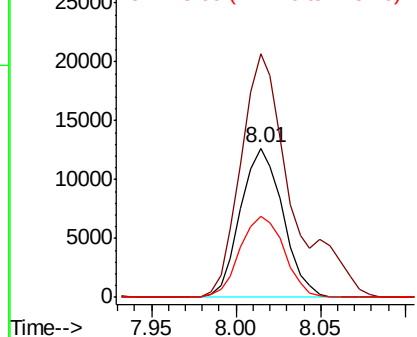
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tgt Ion:152 Resp: 22008
Ion Ratio Lower Upper
152 100
150 163.5 124.7 187.1
115 54.8 46.5 69.7



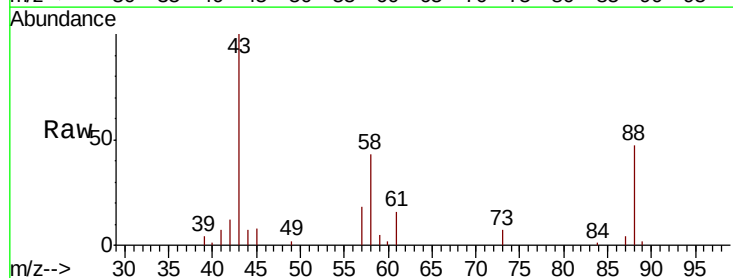
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



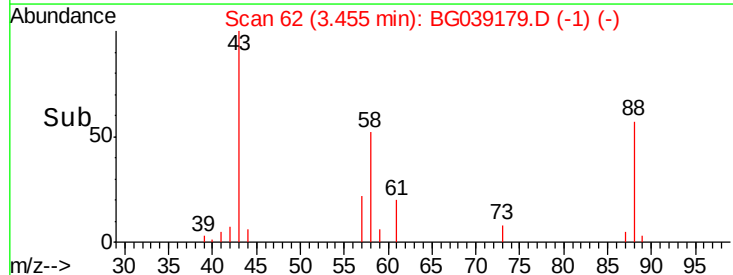
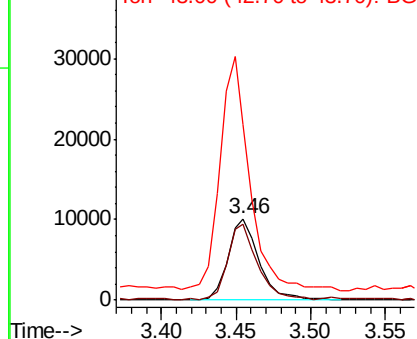
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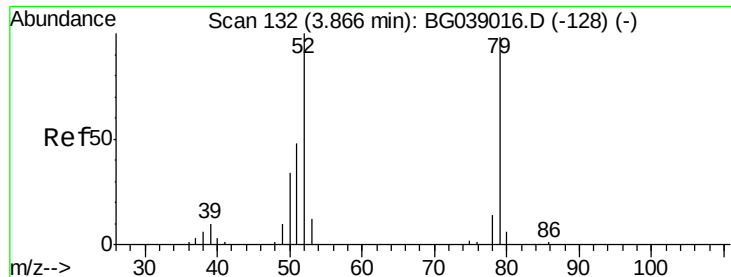
1,4-Dioxane
Concen: 32.367 ng
RT: 3.46 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion: 88 Resp: 14705
Ion Ratio Lower Upper
88 100
58 90.8 72.4 108.6
43 275.1 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

Pyridine

Concen: 32.947 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

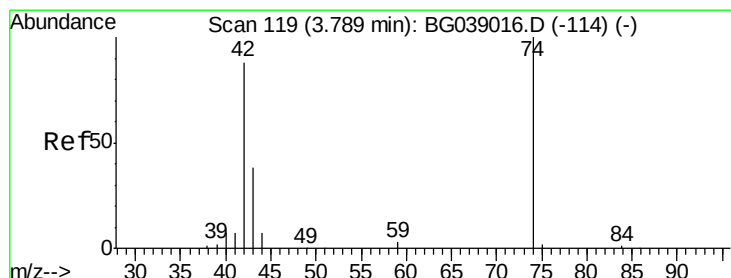
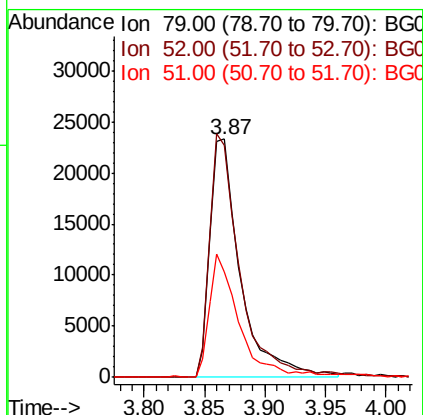
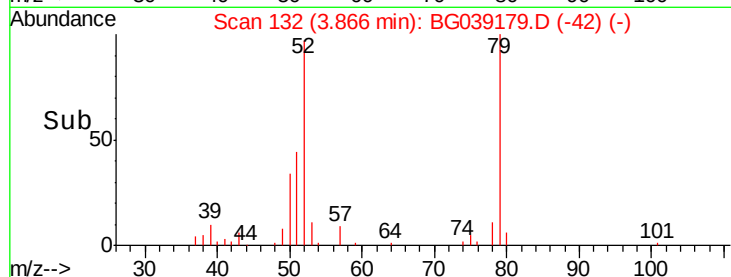
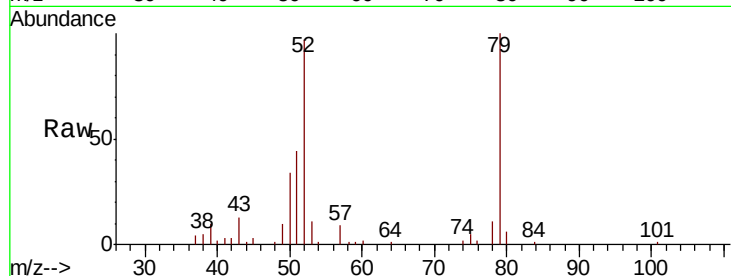
Tgt Ion: 79 Resp: 40673

Ion Ratio Lower Upper

79 100

52 97.4 81.5 122.3

51 44.0 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 46.431 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

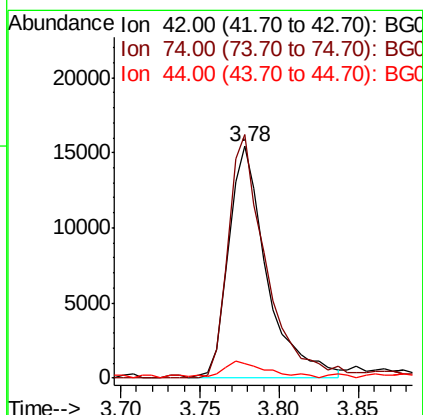
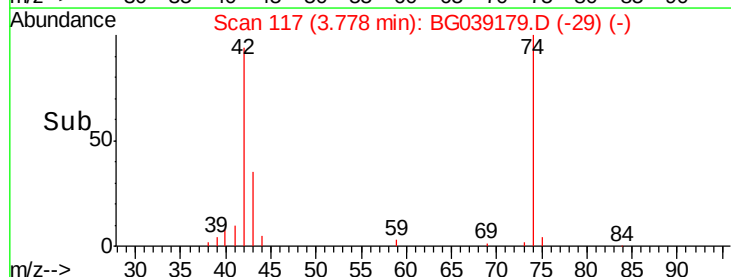
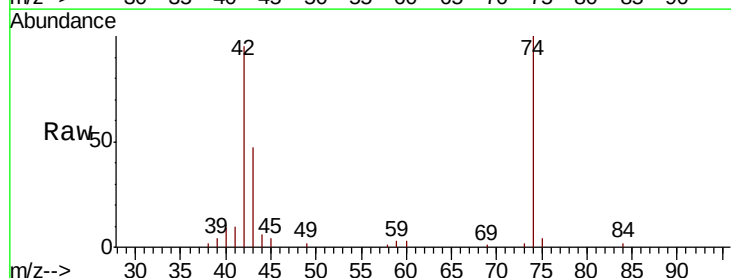
Tgt Ion: 42 Resp: 25793

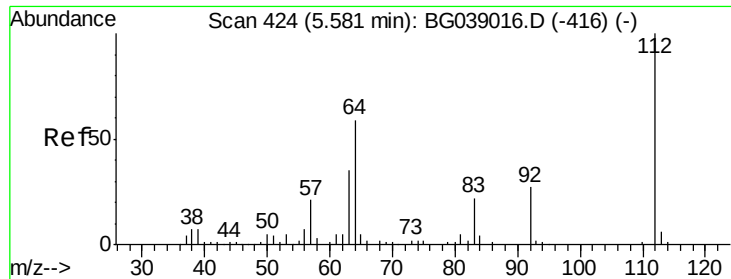
Ion Ratio Lower Upper

42 100

74 105.1 90.7 136.1

44 6.4 6.5 9.7#





#5

2-Fluorophenol

Concen: 139.986 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

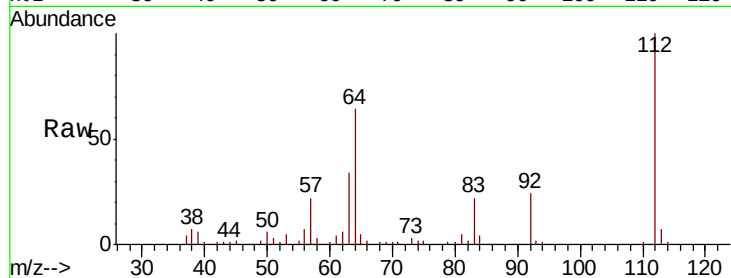
Tgt Ion: 112 Resp: 162406

Ion Ratio Lower Upper

112 100

64 63.8 47.0 70.6

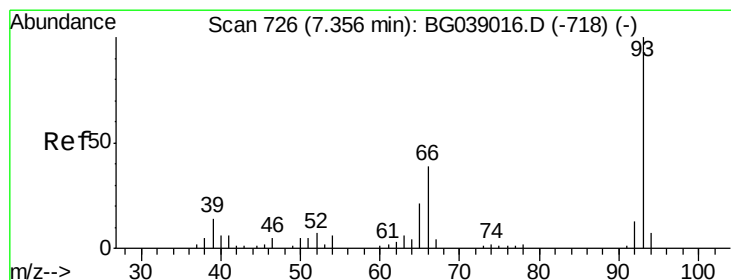
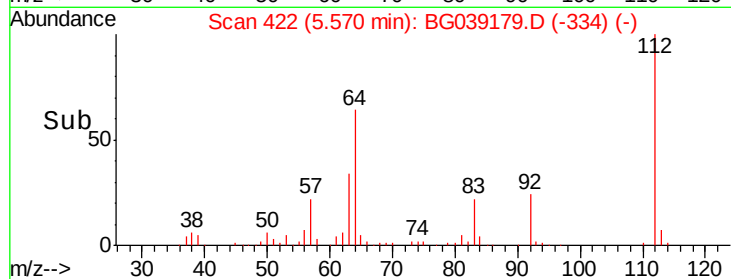
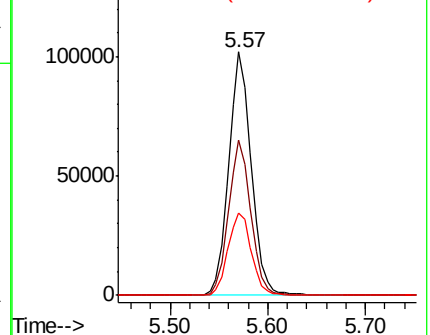
63 33.9 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.536 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

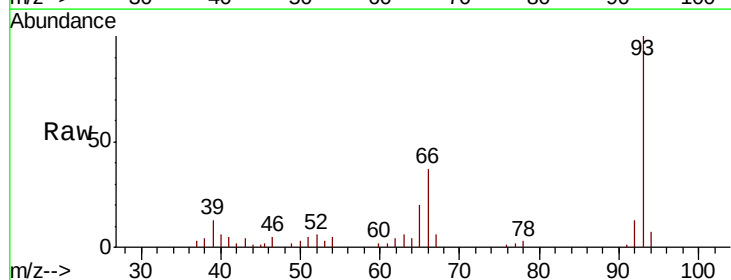
Tgt Ion: 93 Resp: 25137

Ion Ratio Lower Upper

93 100

66 37.3 30.9 46.3

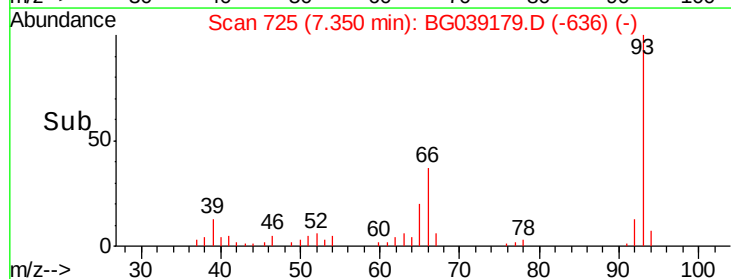
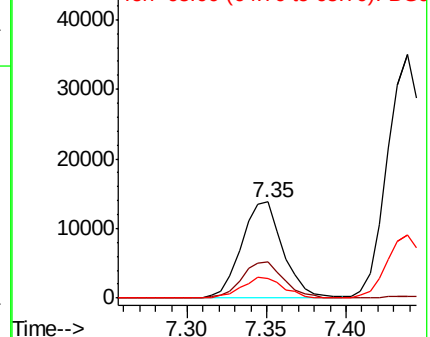
65 20.3 17.0 25.4

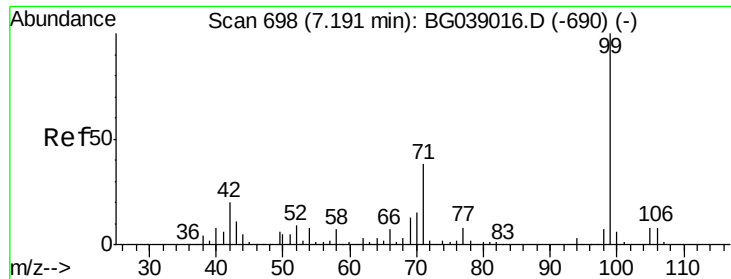


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.070 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

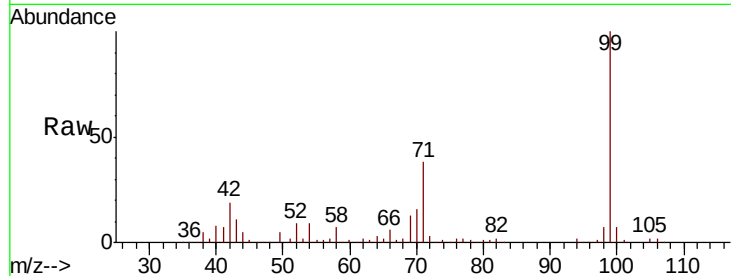
Tgt Ion: 99 Resp: 22515

Ion Ratio Lower Upper

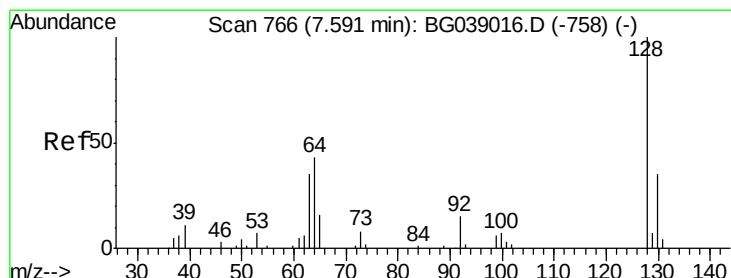
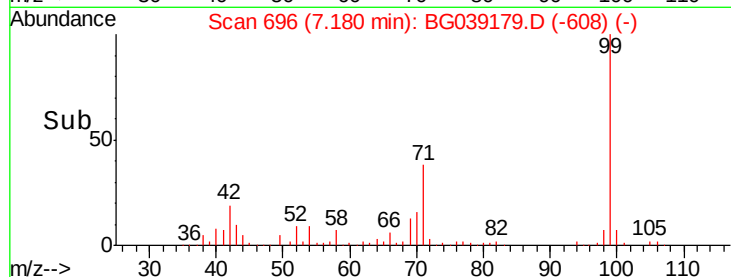
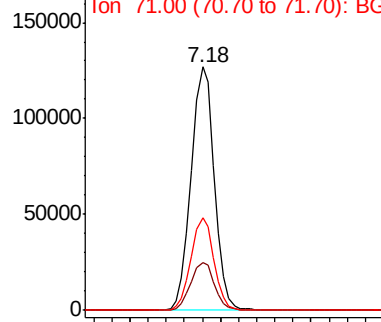
99 100

42 19.4 15.8 23.6

71 38.1 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: 51.579 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

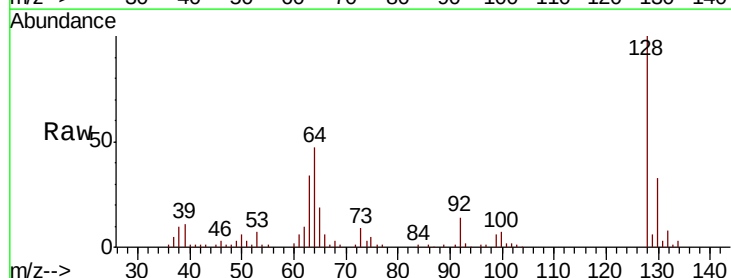
Tgt Ion: 128 Resp: 70539

Ion Ratio Lower Upper

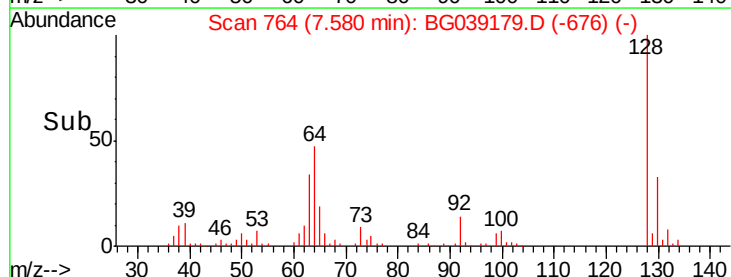
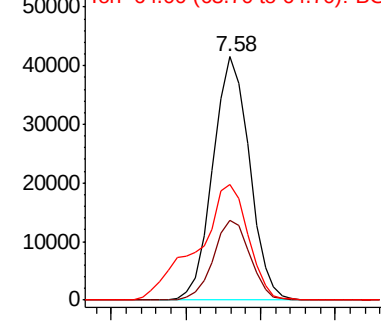
128 100

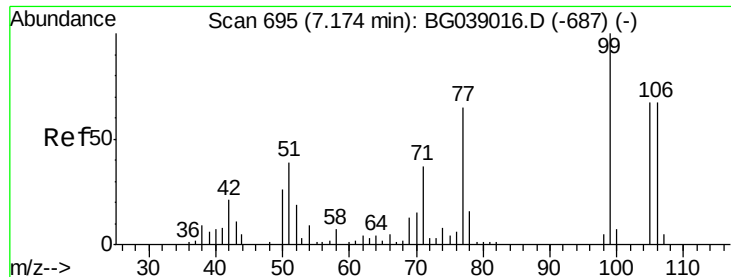
130 33.0 14.5 54.5

64 47.3 27.3 67.3



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

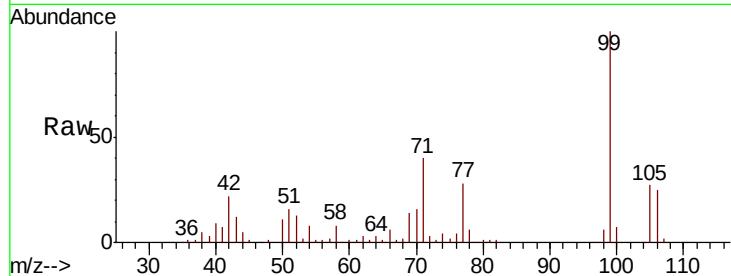




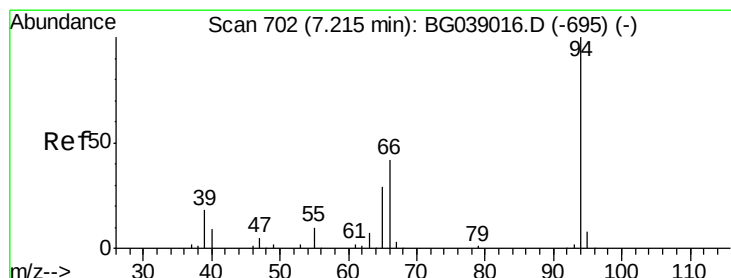
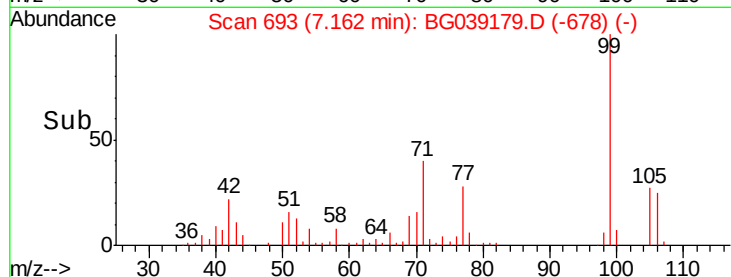
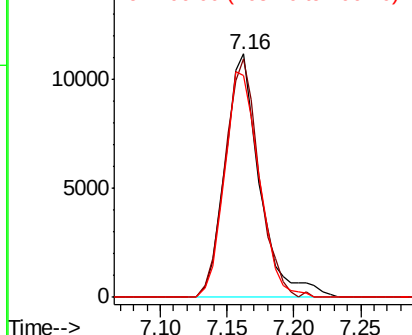
#9
Benzaldehyde
Concen: 21.019 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tgt Ion: 77 Resp: 20238
Ion Ratio Lower Upper
77 100
105 97.7 82.4 122.4
106 91.3 82.8 122.8

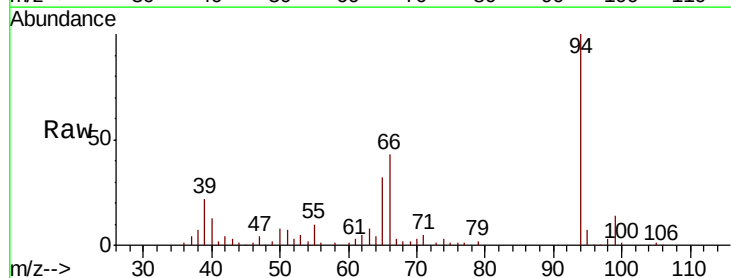


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

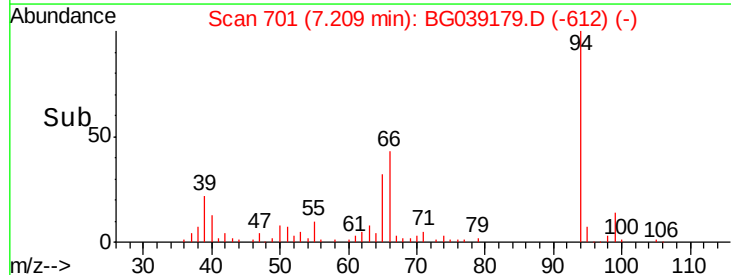
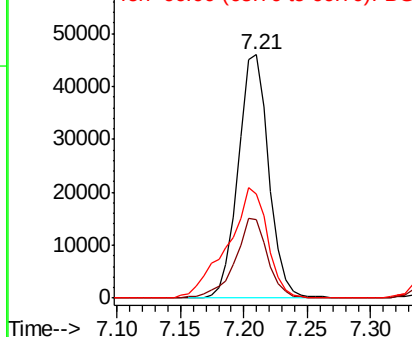


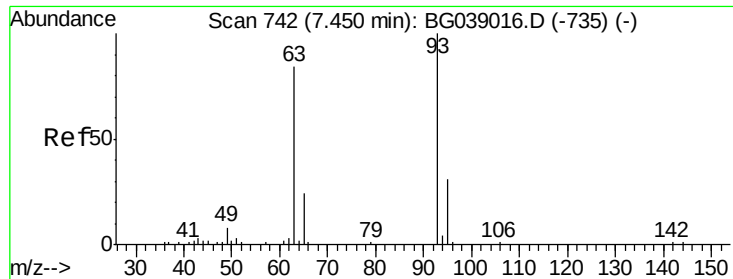
#10
Phenol
Concen: 45.890 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion: 94 Resp: 76817
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: 45.131 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

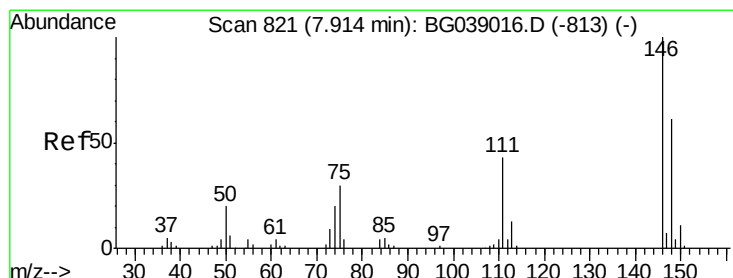
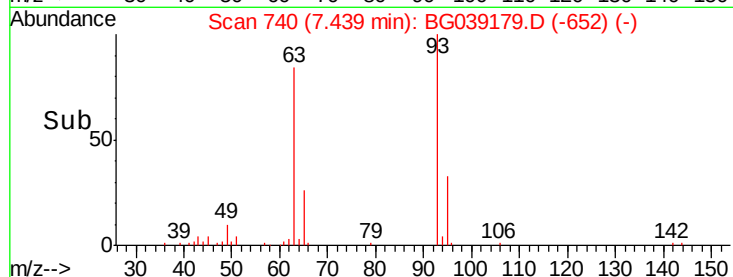
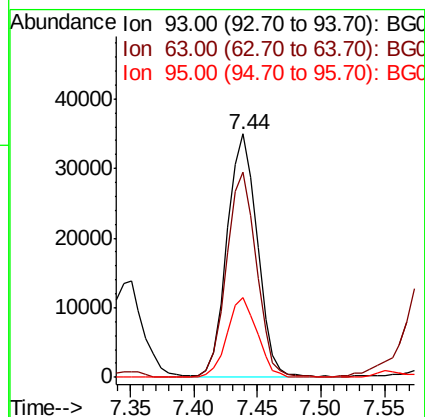
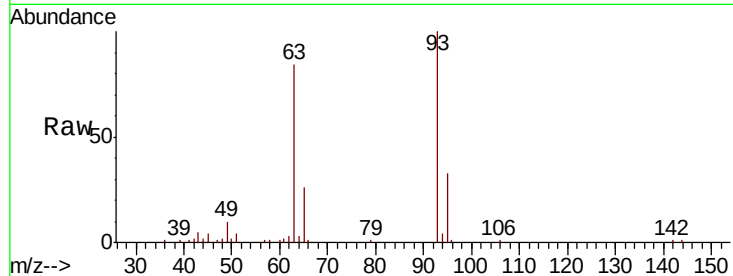
Tgt Ion: 93 Resp: 57739

Ion Ratio Lower Upper

93 100

63 84.1 63.2 103.2

95 32.8 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 41.345 ng

RT: 7.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

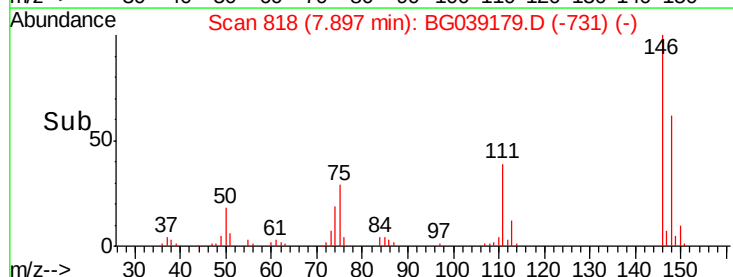
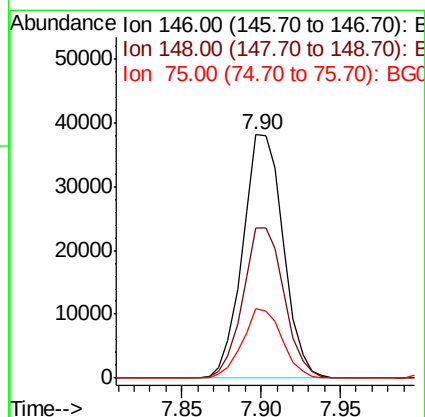
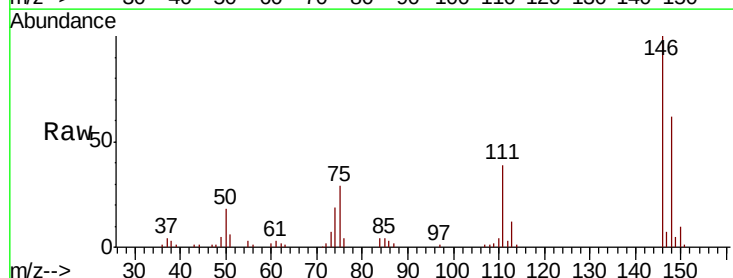
Tgt Ion: 146 Resp: 67746

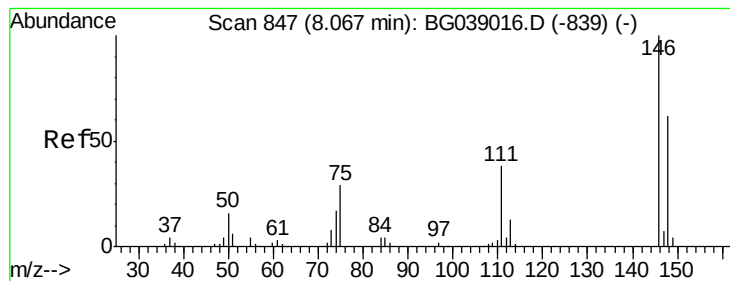
Ion Ratio Lower Upper

146 100

148 61.7 49.1 73.7

75 28.7 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 41.239 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

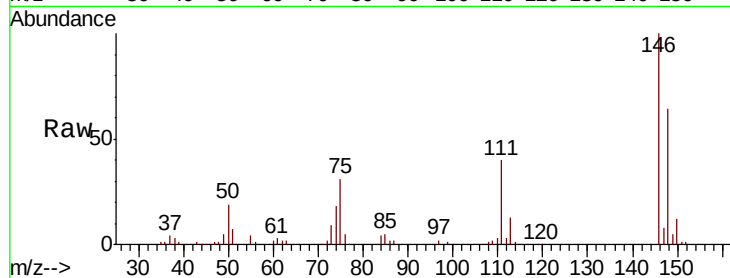
Tgt Ion:146 Resp: 68435

Ion Ratio Lower Upper

146 100

148 63.8 49.8 74.6

111 40.0 30.6 45.8

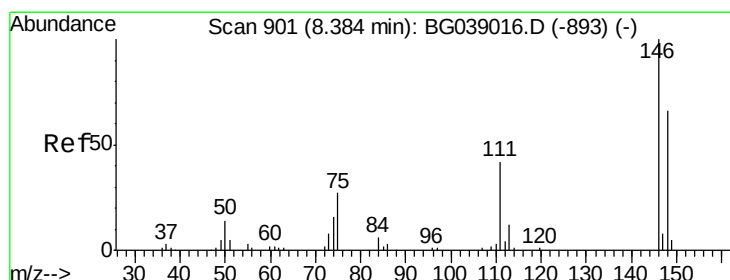
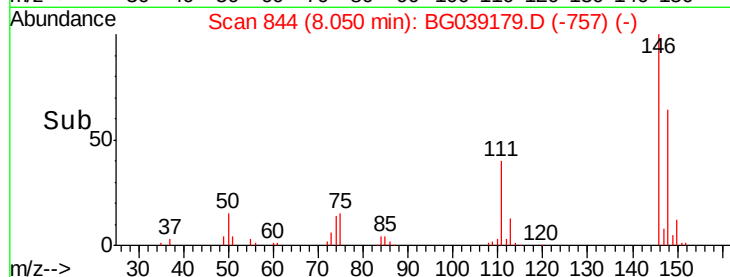
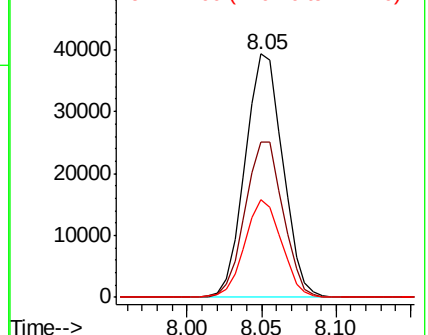


Abundance

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: 43.091 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

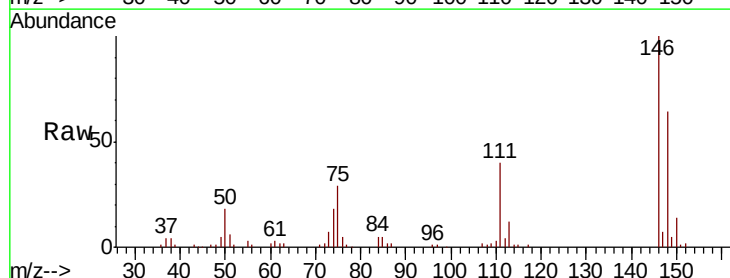
Tgt Ion:146 Resp: 68180

Ion Ratio Lower Upper

146 100

148 64.3 52.6 79.0

111 39.6 34.6 51.8

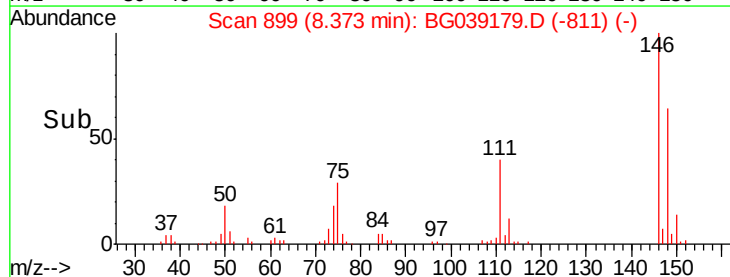
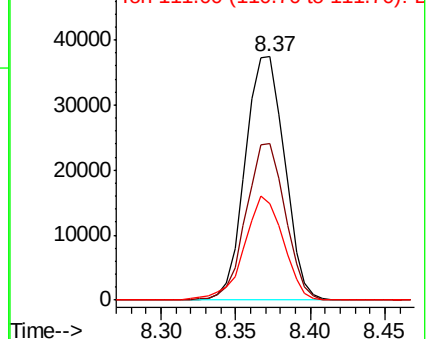


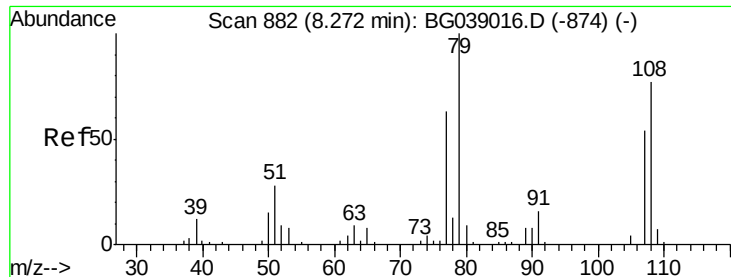
Abundance

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: 51.774 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

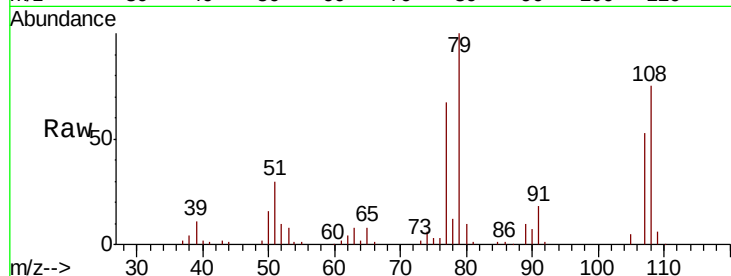
Tgt Ion: 79 Resp: 65098

Ion Ratio Lower Upper

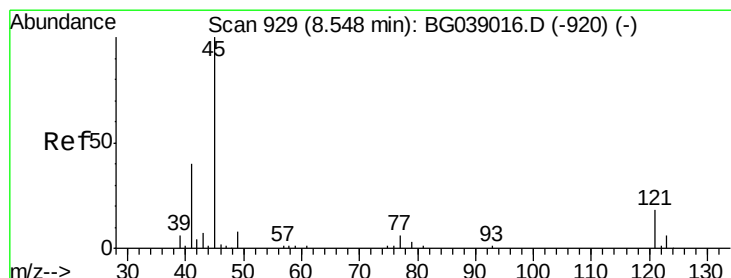
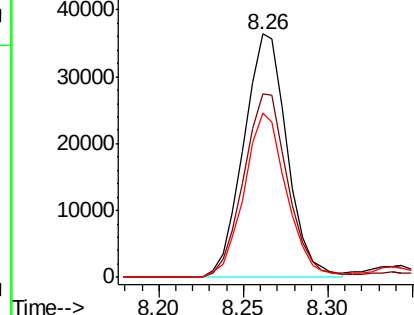
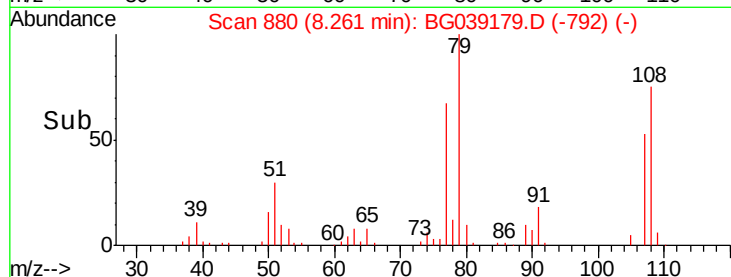
79 100

108 75.3 62.0 93.0

77 67.4 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.010 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

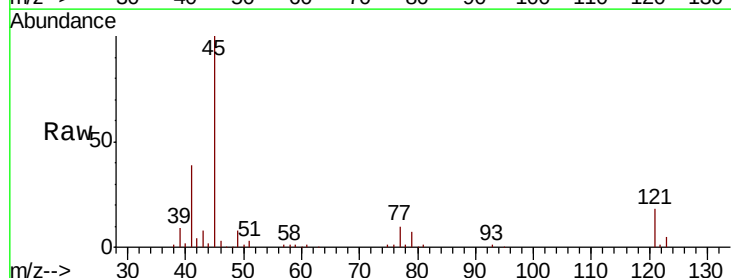
Tgt Ion: 45 Resp: 112873

Ion Ratio Lower Upper

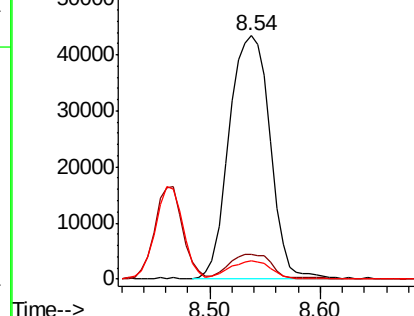
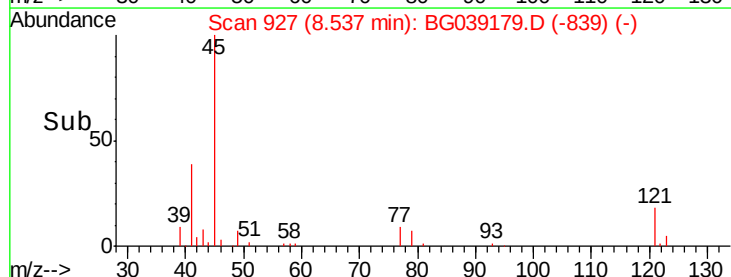
45 100

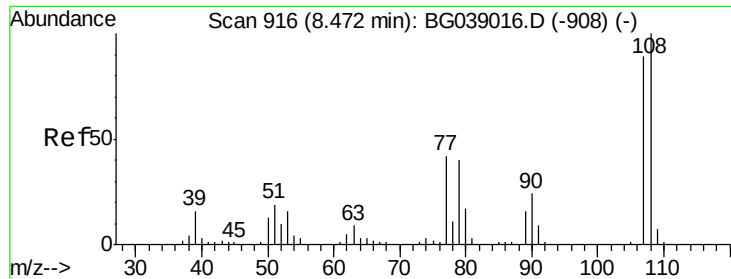
77 9.9 0.0 30.7

79 7.5 0.0 28.5



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

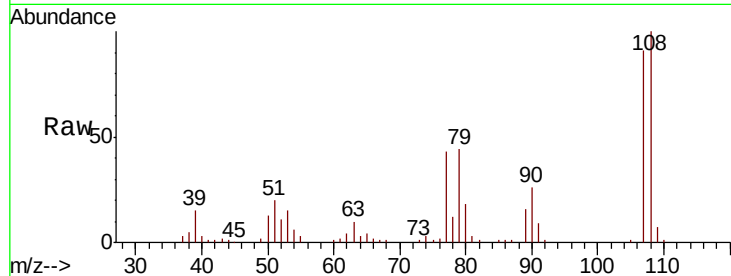




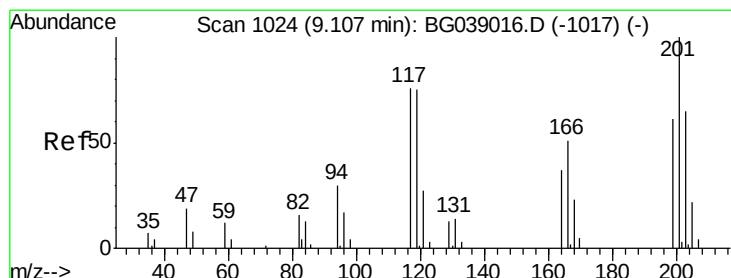
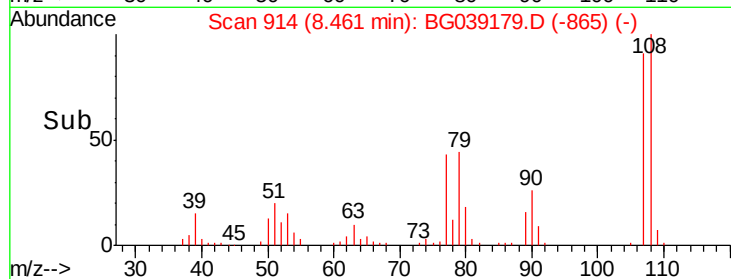
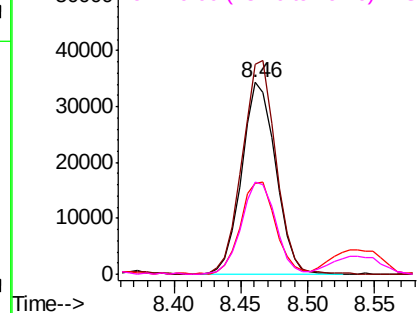
#17
2-Methylphenol
Concen: 52.159 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tgt Ion:	107	Resp:	60626
Ion	Ratio	Lower	Upper
107	100		
108	109.7	90.3	135.5
77	47.3	38.3	57.5
79	47.8	35.8	53.6

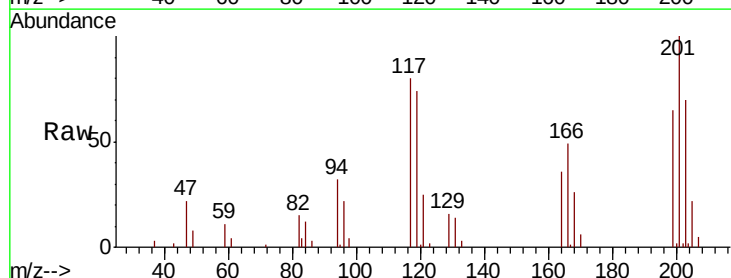


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

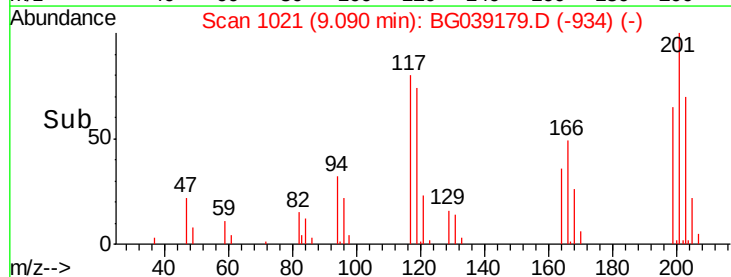
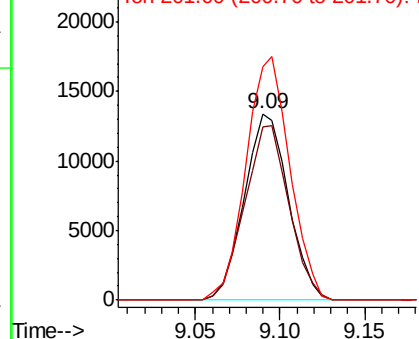


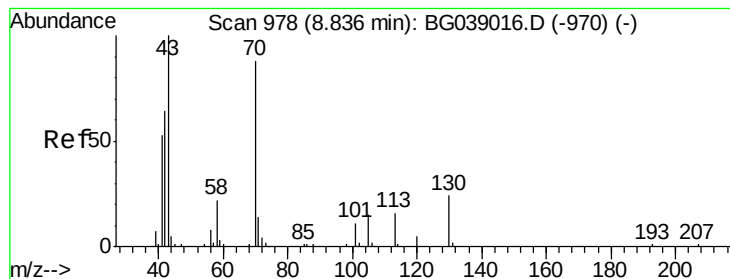
#18
Hexachloroethane
Concen: 42.929 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion:	117	Resp:	24202
Ion	Ratio	Lower	Upper
117	100		
119	93.1	78.7	118.1
201	125.5	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: 47.338 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

Tgt Ion: 70 Resp: 51901

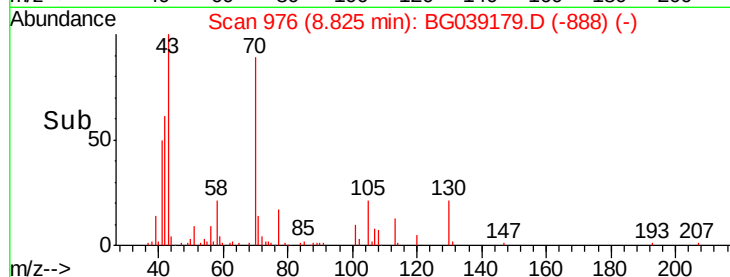
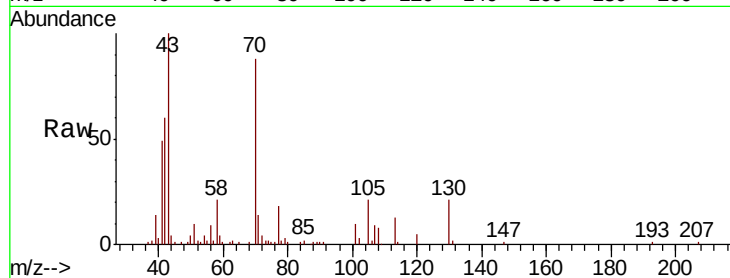
Ion Ratio Lower Upper

70 100

42 68.7 59.0 88.4

101 11.0 10.4 15.6

130 23.9 21.6 32.4



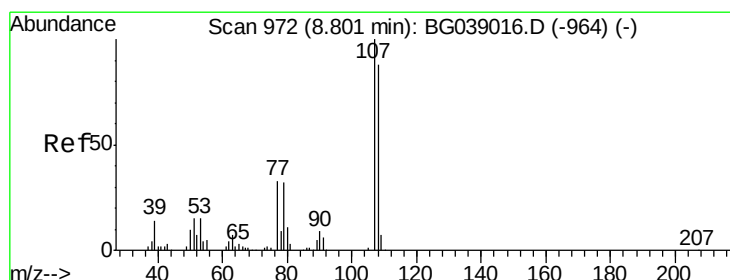
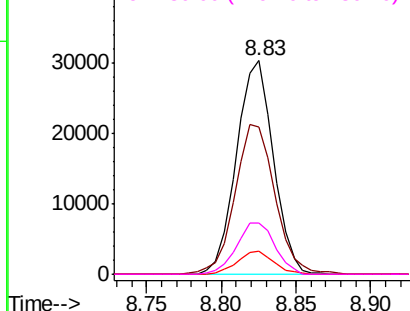
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 49.317 ng

RT: 8.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion: 107 Resp: 81727

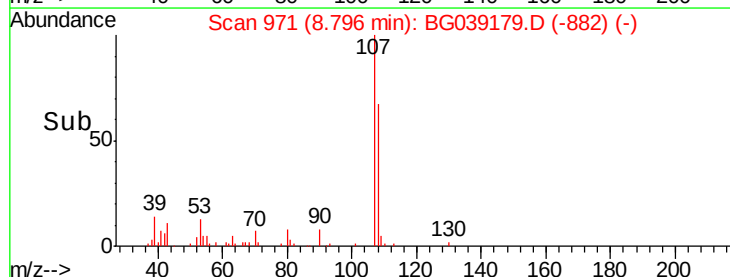
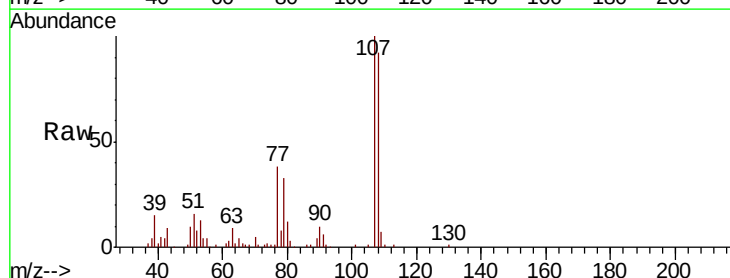
Ion Ratio Lower Upper

107 100

108 91.8 68.4 108.4

77 37.7 13.3 53.3

79 33.4 11.6 51.6



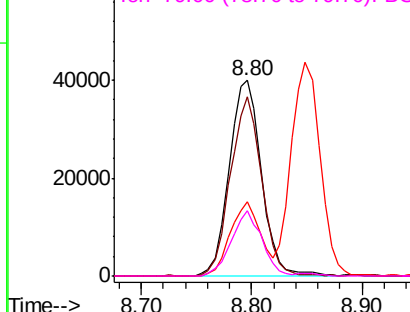
Abundance

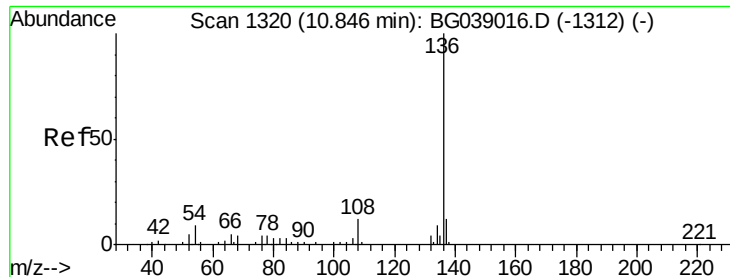
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

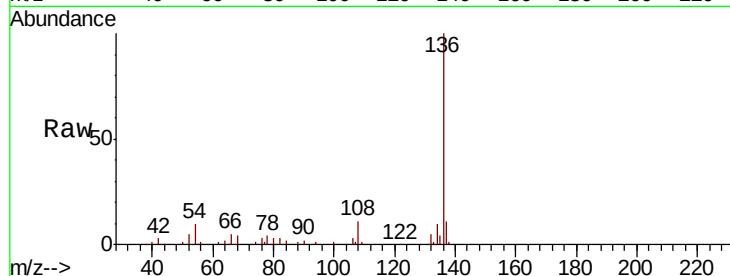




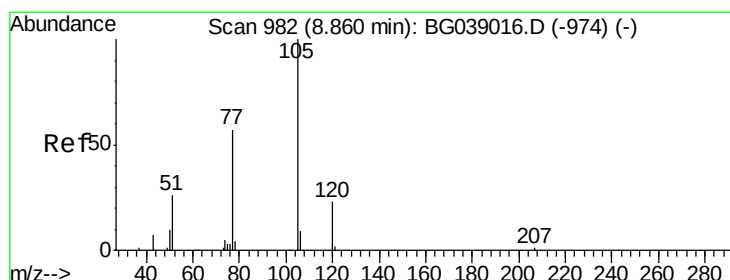
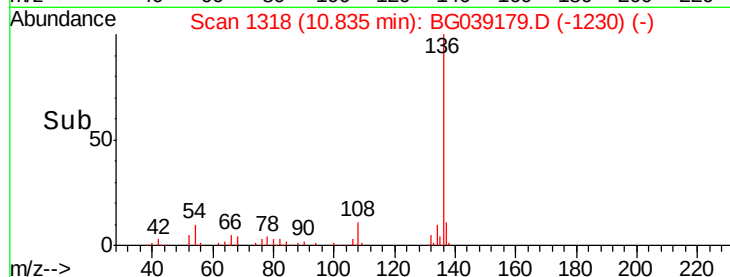
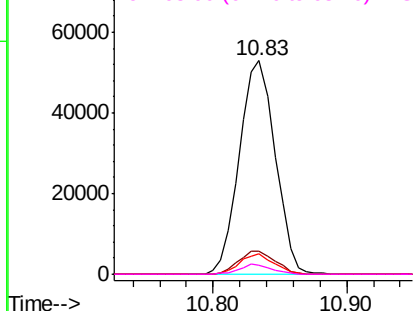
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tgt Ion:	136	Resp:	98448
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.4	14.2
54	9.7	7.2	10.8
68	4.4	3.5	5.3

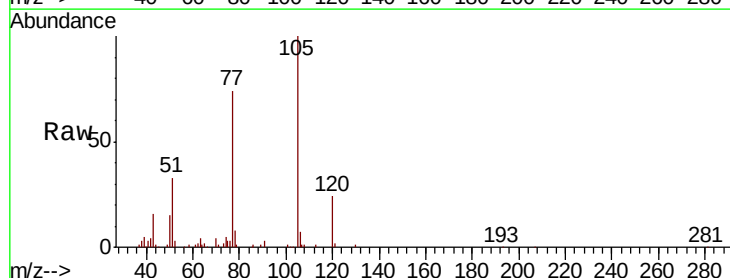


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

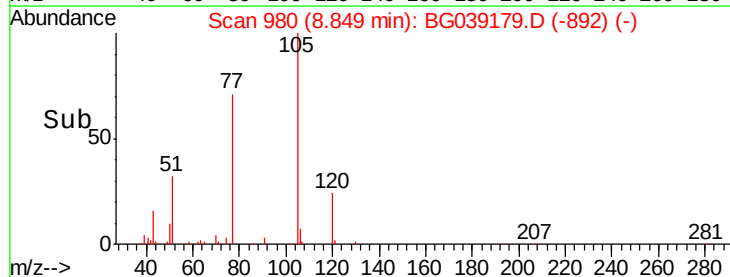
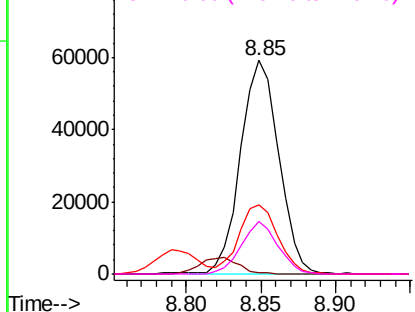


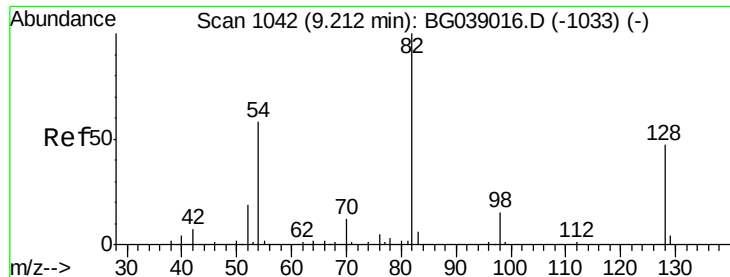
#22
Acetophenone
Concen: 40.954 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion:	105	Resp:	105293
Ion Ratio	Lower	Upper	
105	100		
71	0.5	0.6	1.0#
51	32.7	26.6	39.8
120	24.4	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

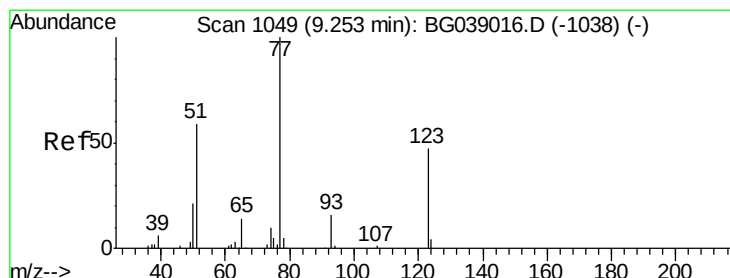
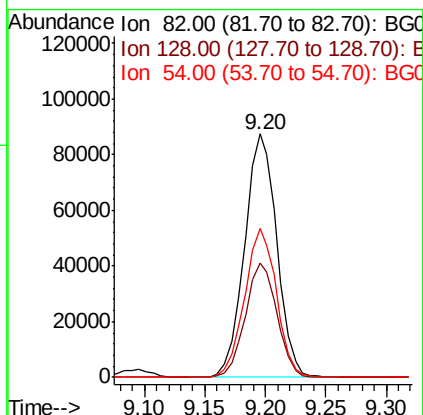
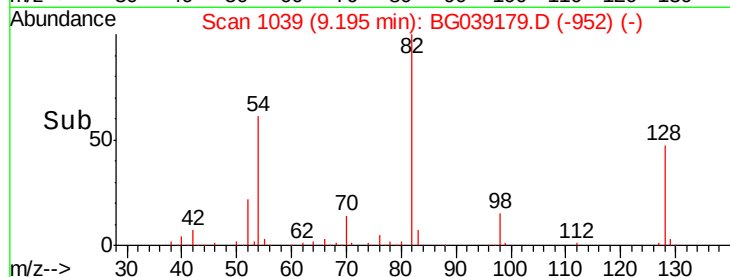
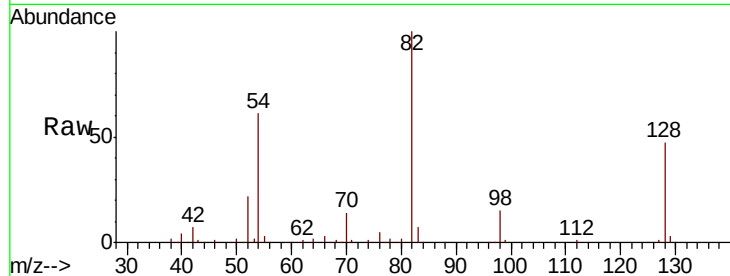




#23
 Nitrobenzene-d5
 Concen: 90.244 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

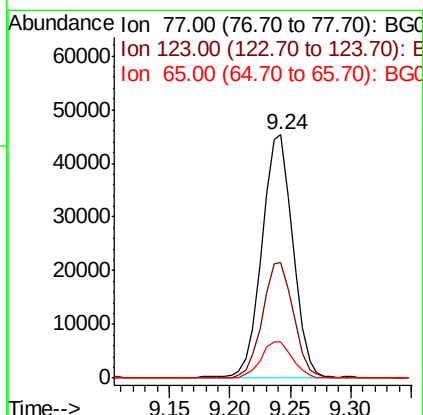
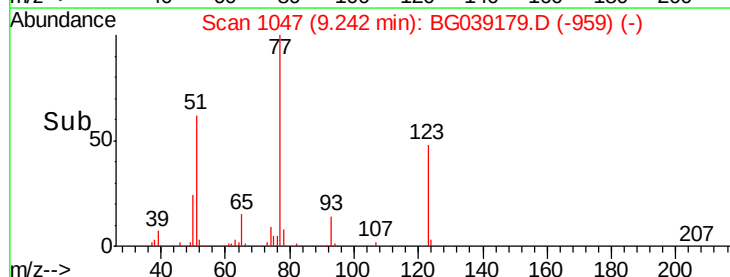
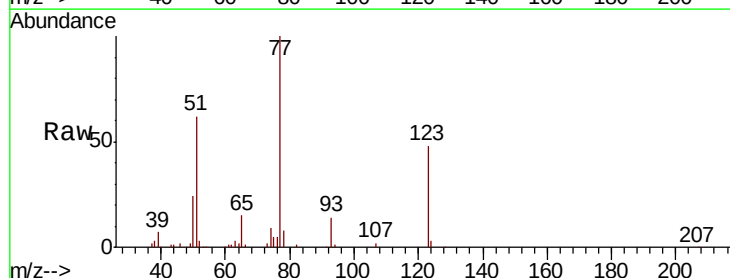
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

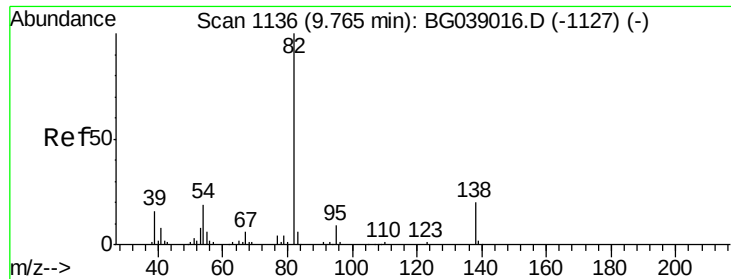
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.3	55.9
54	61.0	46.4	69.6



#24
 Nitrobenzene
 Concen: 44.368 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	37.6	56.4
65	14.8	11.0	16.6





#25

Isophorone

Concen: 68.160 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

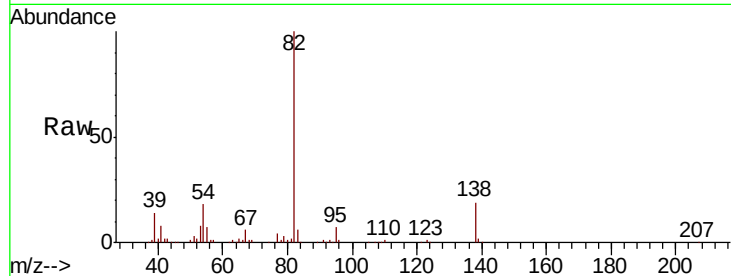
Tgt Ion: 82 Resp: 211235

Ion Ratio Lower Upper

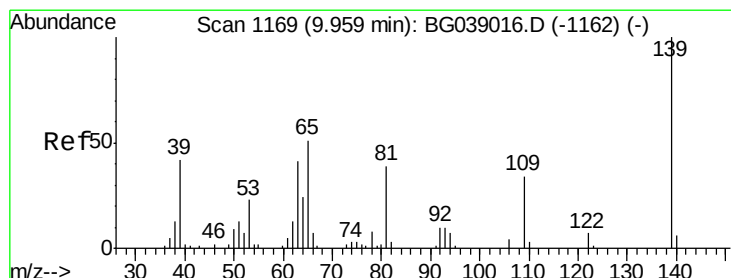
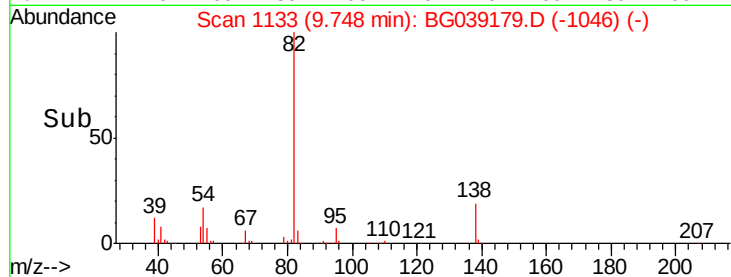
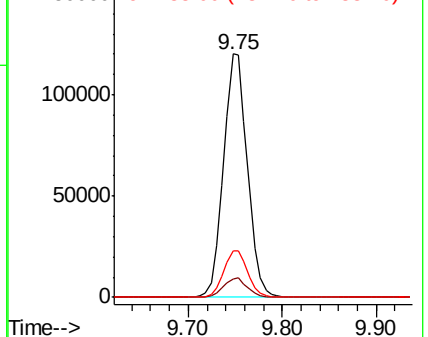
82 100

95 7.4 7.0 10.6

138 19.1 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: 46.951 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

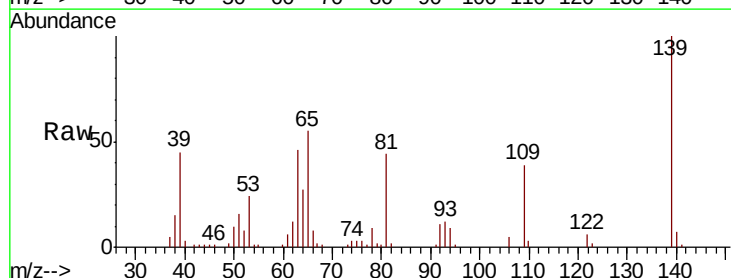
Tgt Ion: 139 Resp: 46182

Ion Ratio Lower Upper

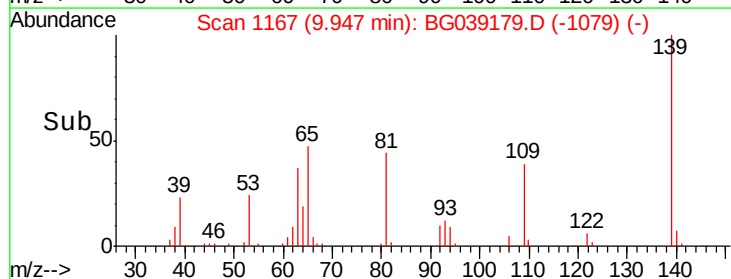
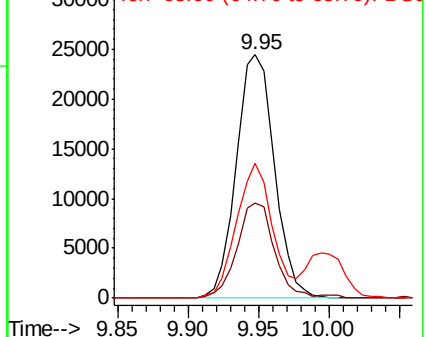
139 100

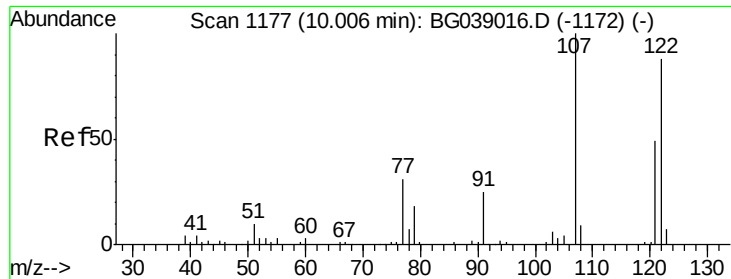
109 39.0 27.3 40.9

65 55.3 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

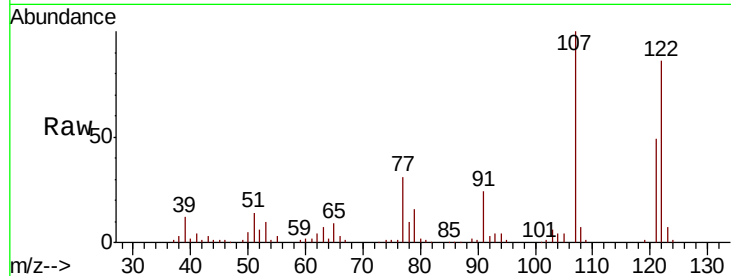




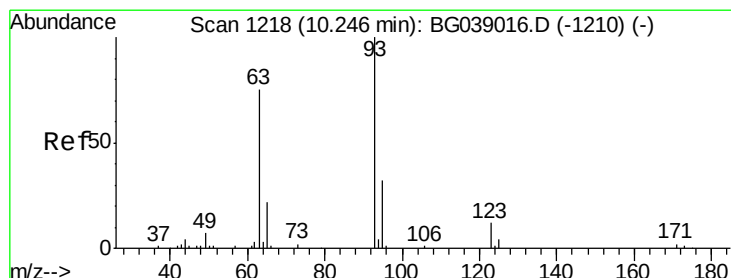
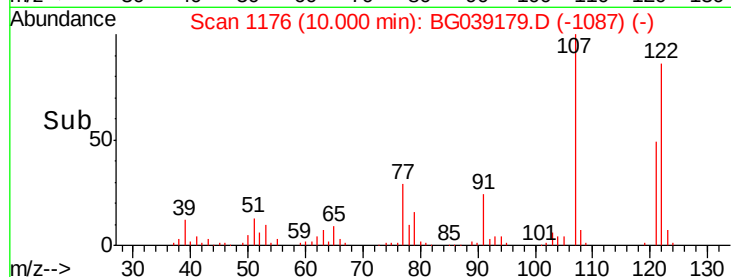
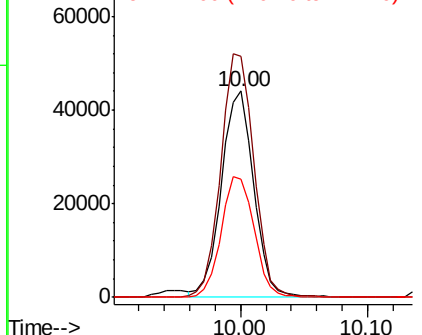
#27
 2,4-Dimethylphenol
 Concen: 56.452 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tgt Ion: 122 Resp: 78120
 Ion Ratio Lower Upper
 122 100
 107 116.6 88.8 133.2
 121 57.5 43.1 64.7

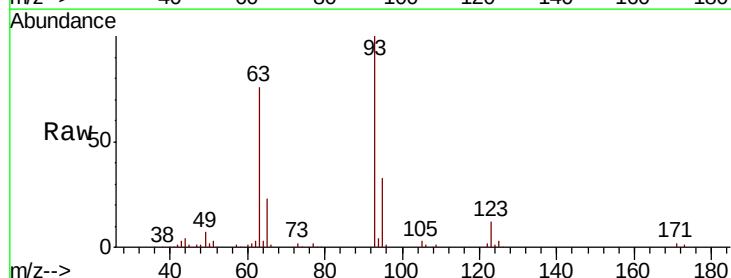


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

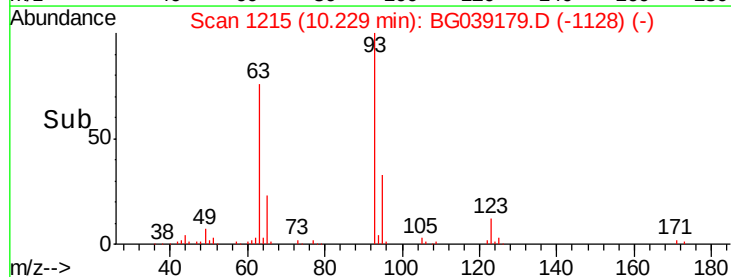
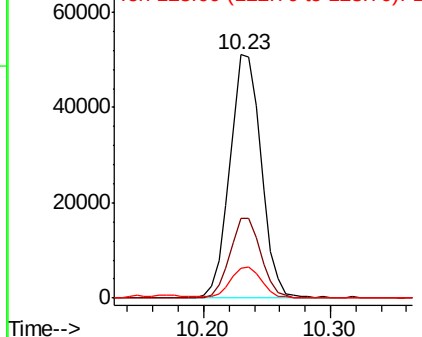


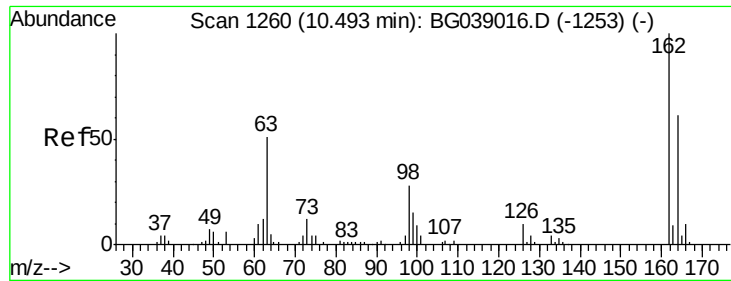
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.856 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion: 93 Resp: 87273
 Ion Ratio Lower Upper
 93 100
 95 32.7 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: 51.526 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

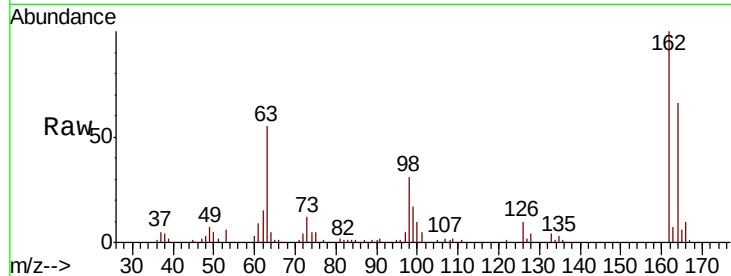
Tgt Ion:162 Resp: 88583

Ion Ratio Lower Upper

162 100

164 66.0 41.3 81.3

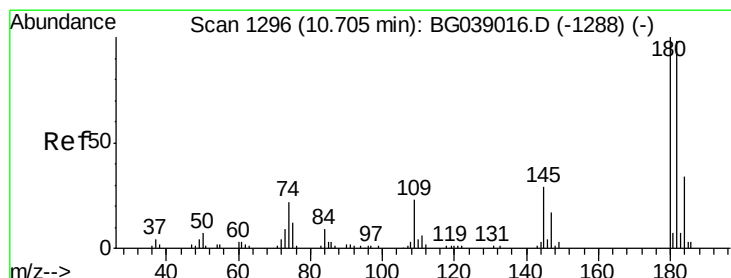
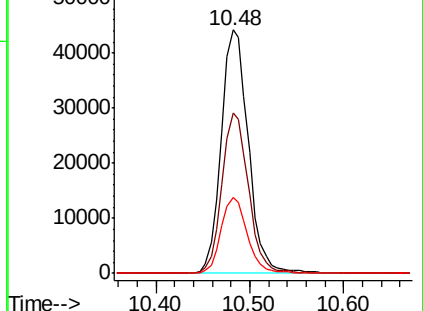
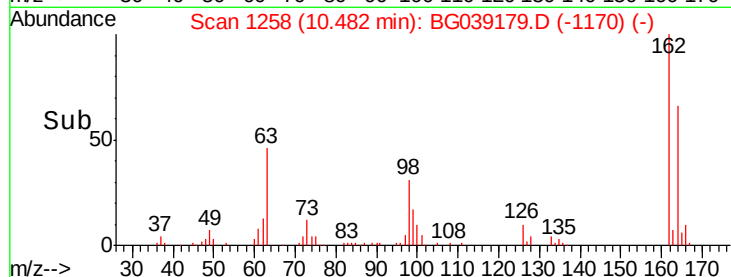
98 31.3 8.3 48.3



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: 41.936 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

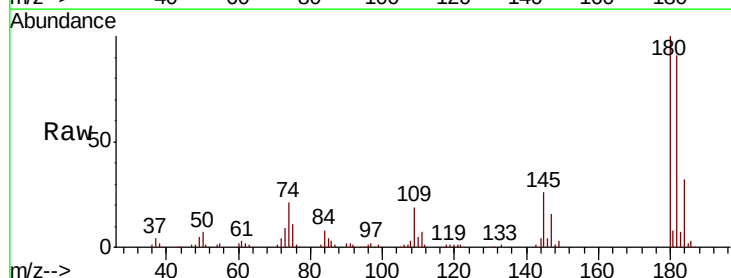
Tgt Ion:180 Resp: 86626

Ion Ratio Lower Upper

180 100

182 90.9 78.1 117.1

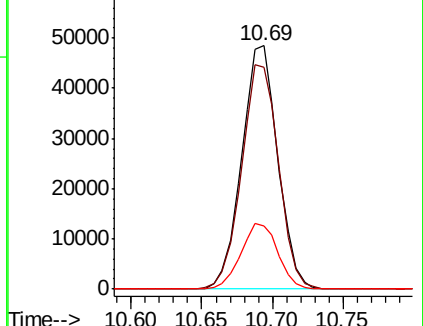
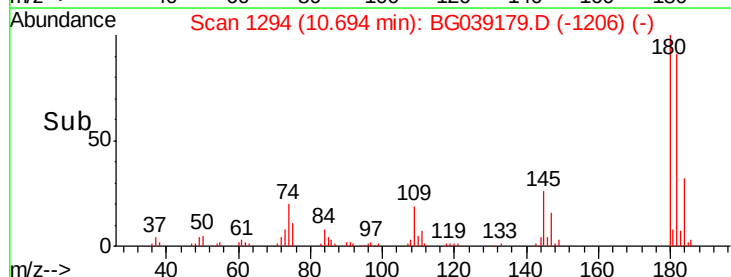
145 25.7 23.1 34.7

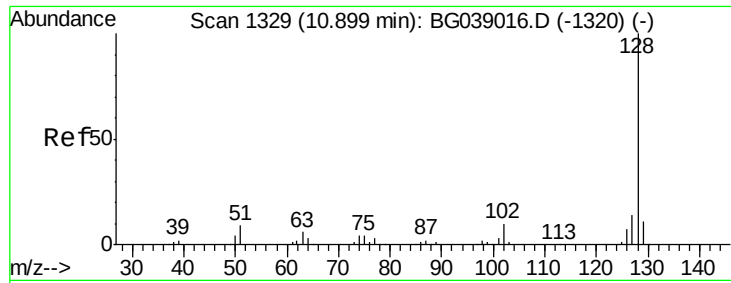


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

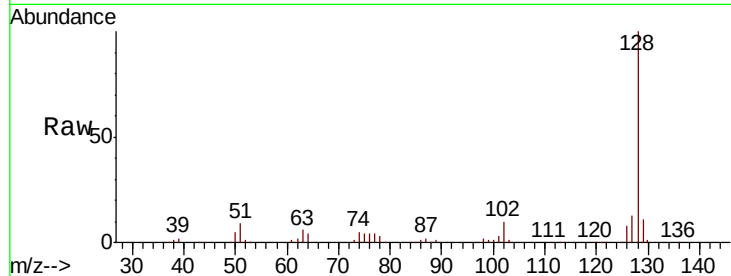




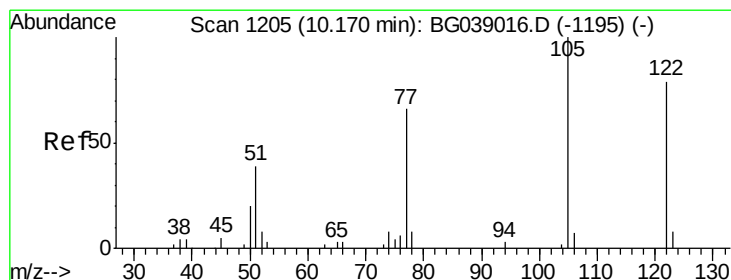
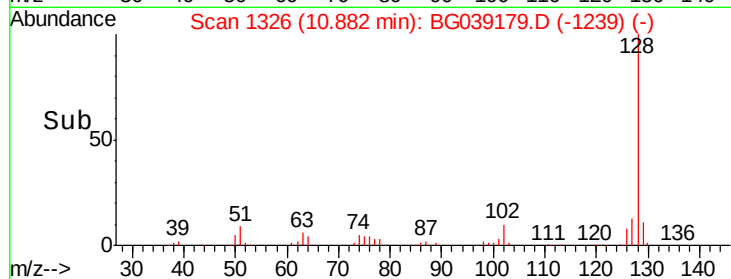
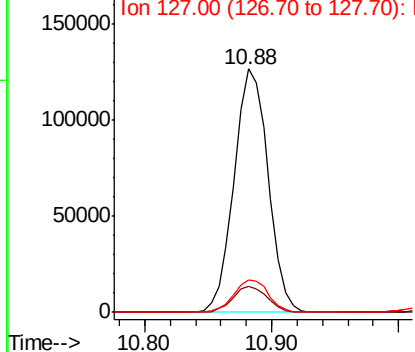
#31
Naphthalene
Concen: 47.591 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tgt Ion:128 Resp: 234985
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 13.5 11.2 16.8

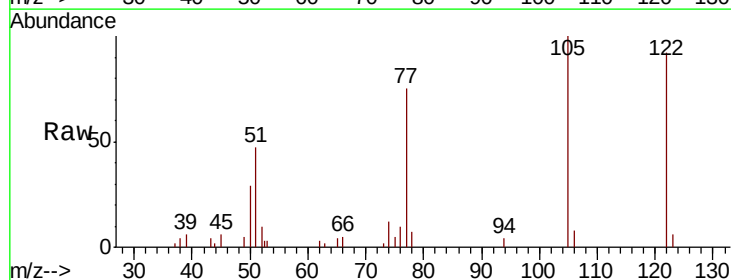


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

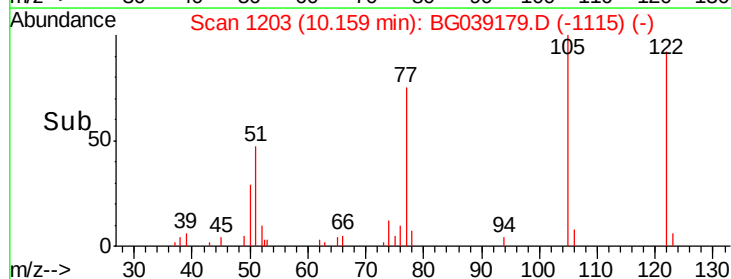
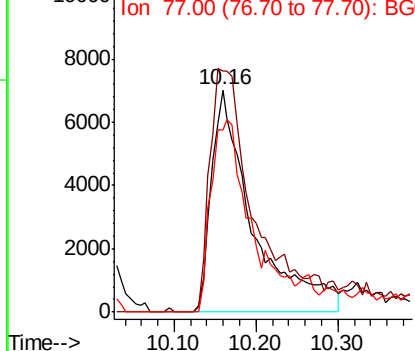


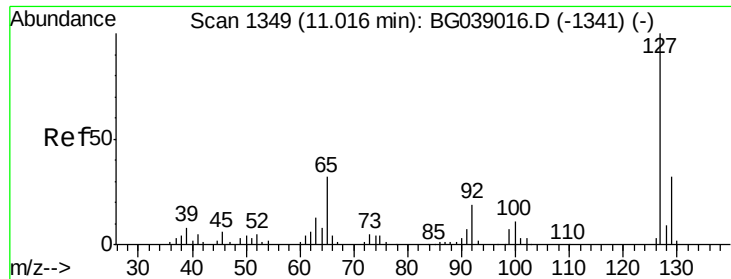
#32
Benzoic acid
Concen: 32.773 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion:122 Resp: 24717
Ion Ratio Lower Upper
122 100
105 108.8 106.4 146.4
77 82.0 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

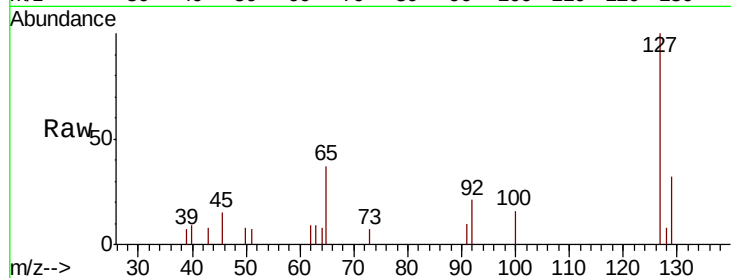




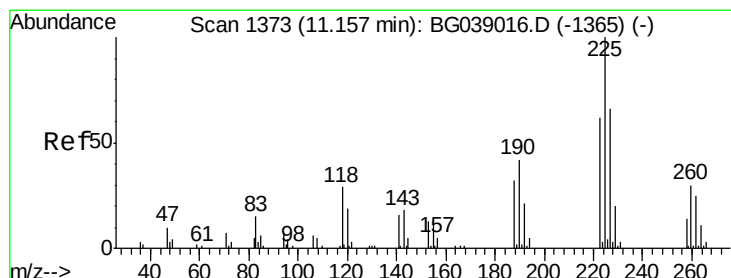
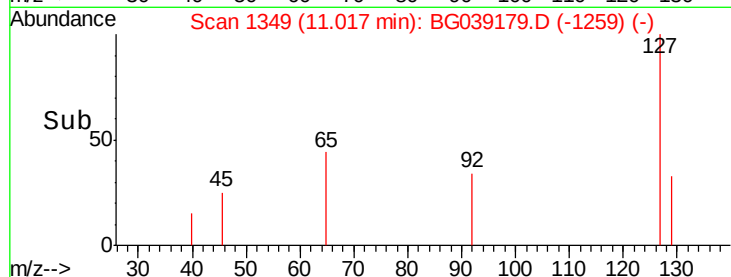
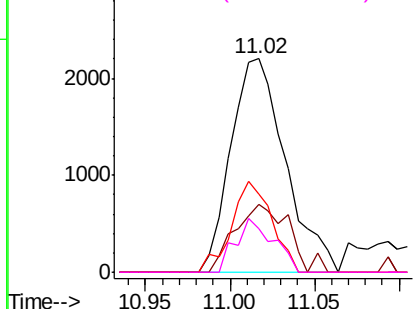
#33
4-Chloroaniline
Concen: 2.236 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tgt Ion:	127	Resp:	4940
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.0
65	36.8	25.4	38.0
92	20.6	15.2	22.8

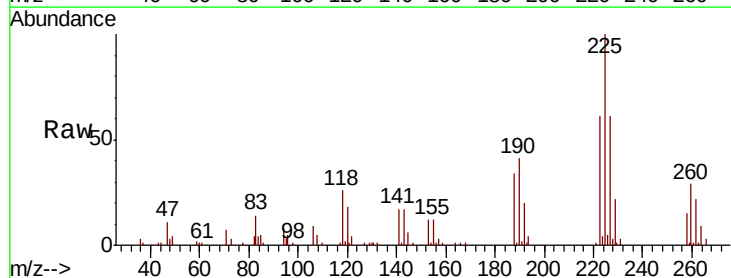


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

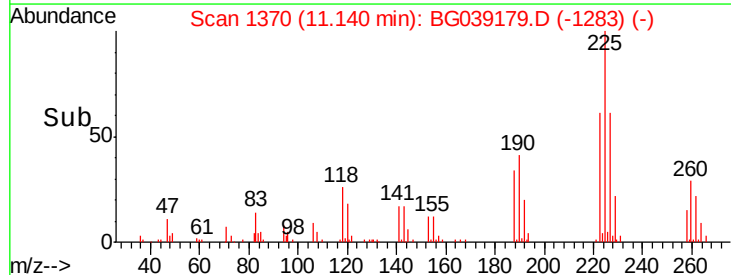
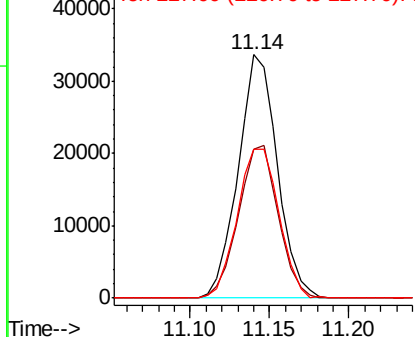


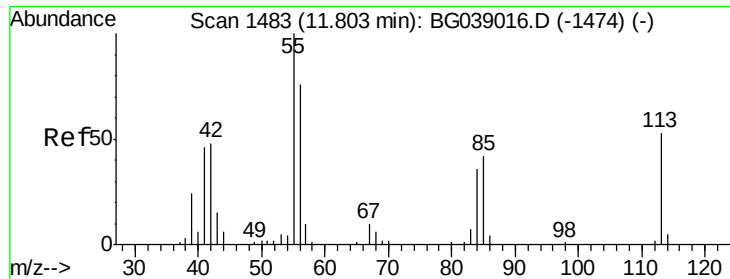
#34
Hexachlorobutadiene
Concen: 40.482 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion:	225	Resp:	57538
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.2	75.4
227	64.1	53.2	79.8



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





#35

Caprolactam

Concen: 17.291 ng

RT: 11.79 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

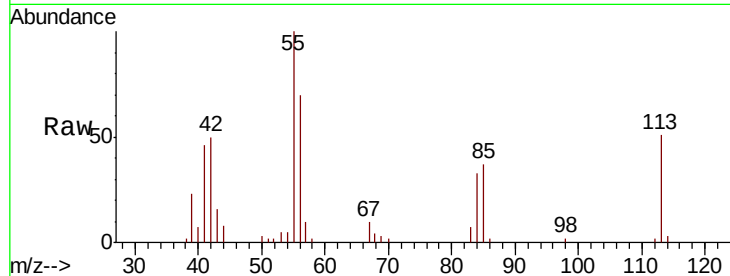
Tgt Ion:113 Resp: 11920

Ion Ratio Lower Upper

113 100

55 196.5 168.6 208.6

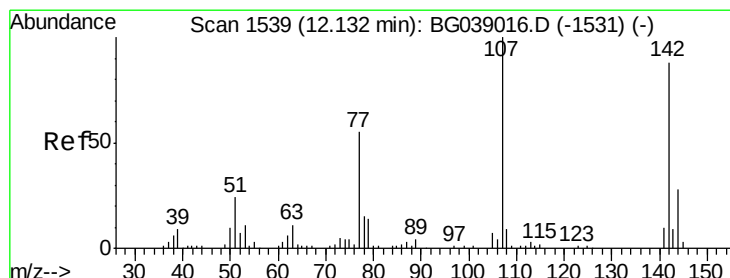
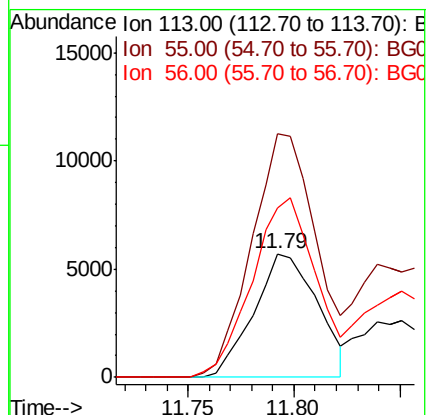
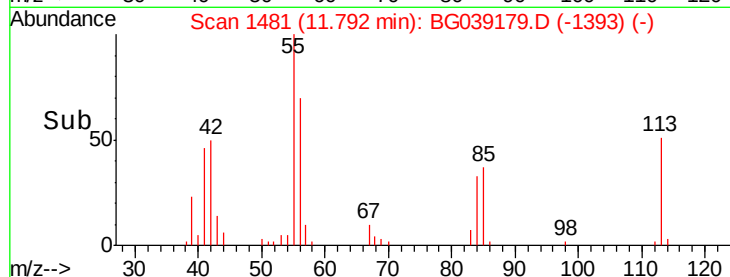
56 137.1 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 55.594 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

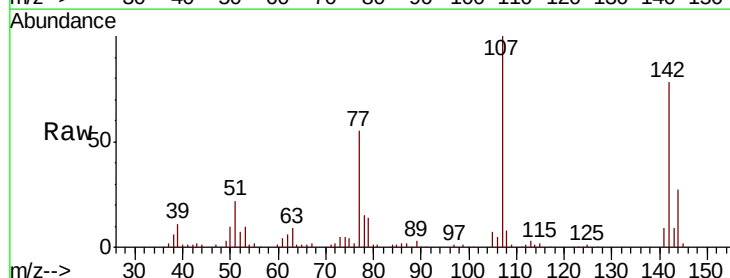
Tgt Ion:107 Resp: 102225

Ion Ratio Lower Upper

107 100

144 27.1 22.6 34.0

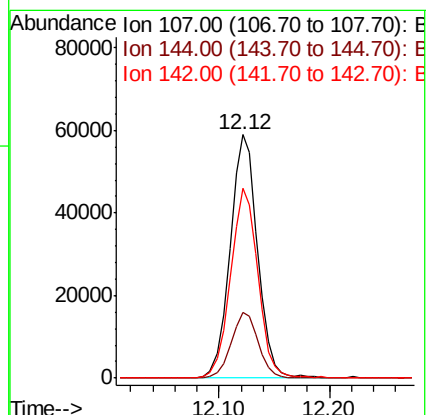
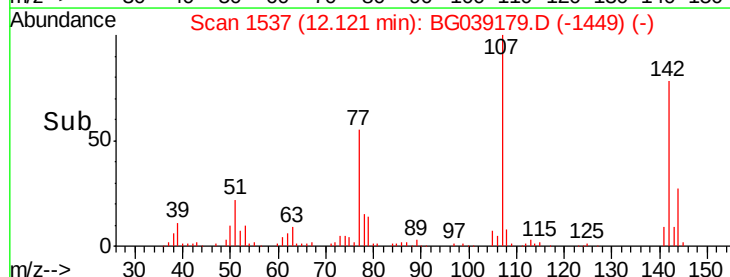
142 77.8 70.2 105.4

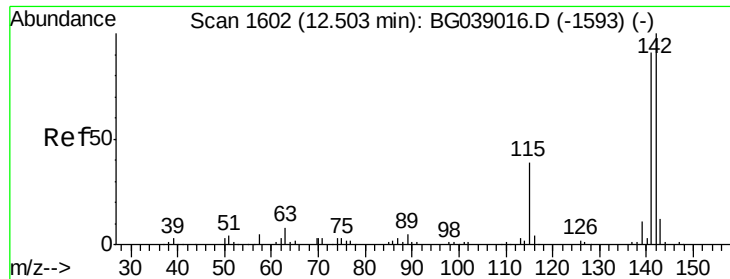


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

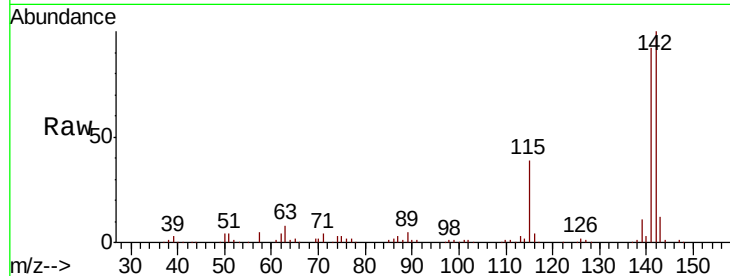




#37
 2-Methylnaphthalene
 Concen: 50.308 ng
 RT: 12.49 min Scan# 1599
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	109.0
115	38.9	31.1	46.7

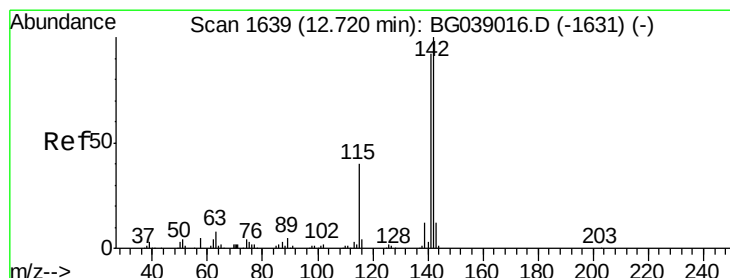
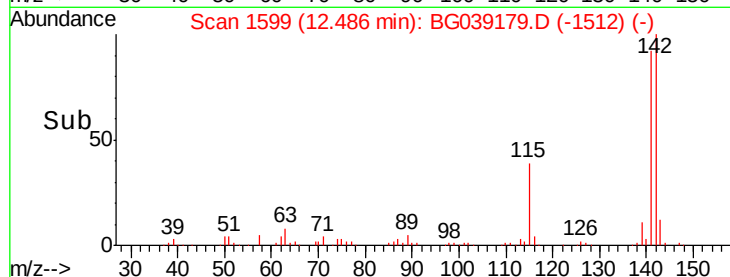
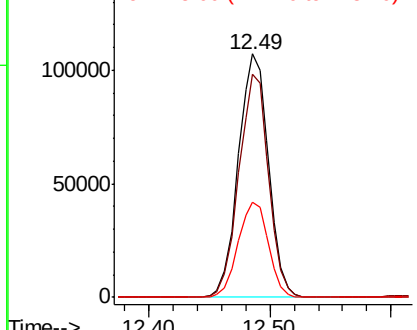


Abundance

Ion 142.00 (141.70 to 142.70): E

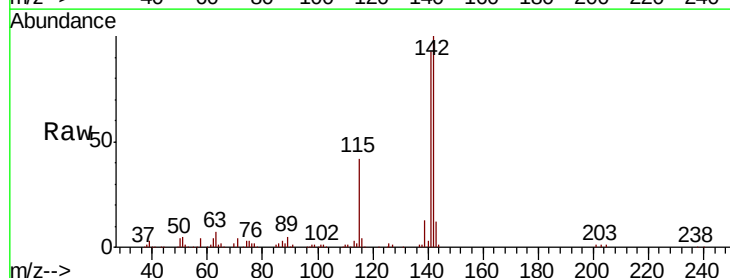
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 48.742 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.3	109.9
116	4.1	3.1	4.7

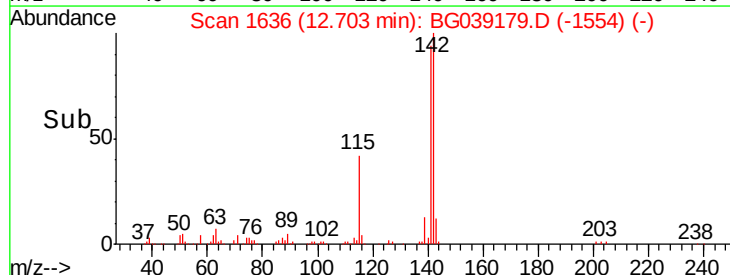
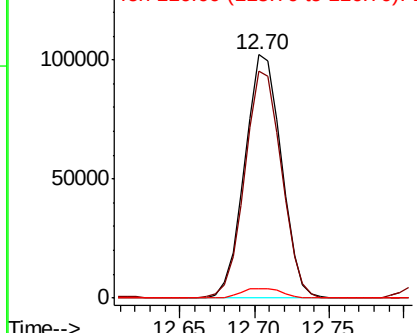


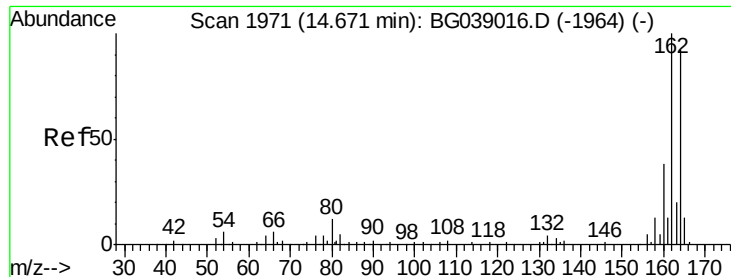
Abundance

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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

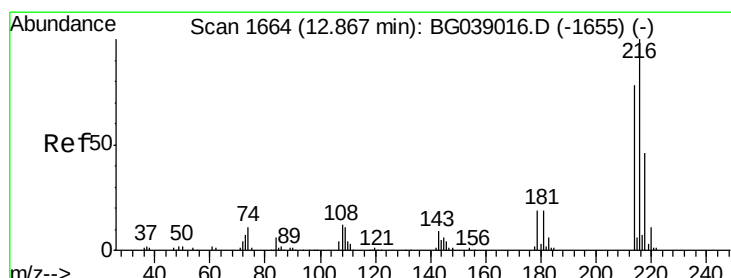
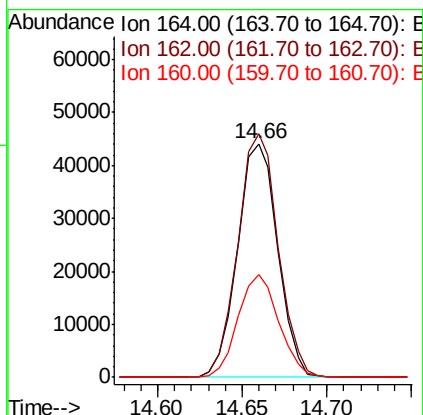
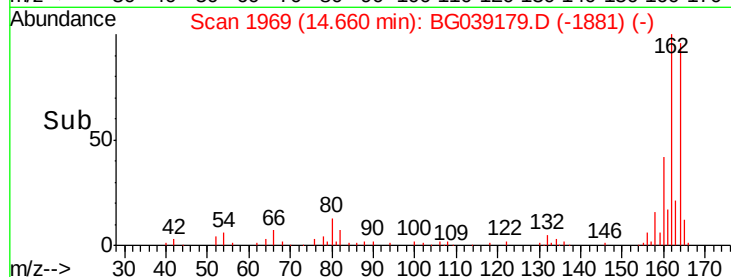
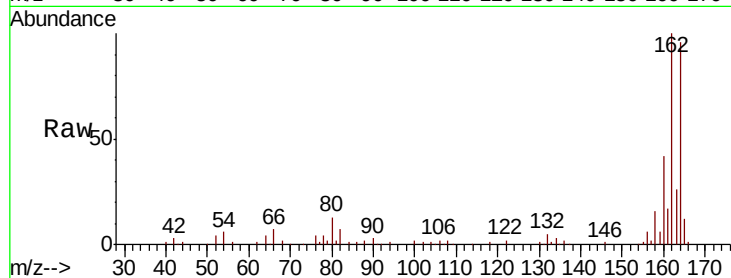
Tgt Ion:164 Resp: 72824

Ion Ratio Lower Upper

164 100

162 104.1 87.2 130.8

160 44.0 33.3 49.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.882 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:216 Resp: 117282

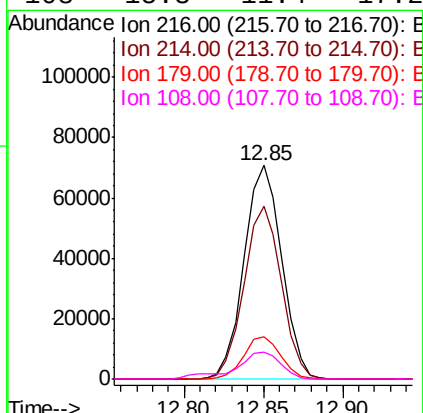
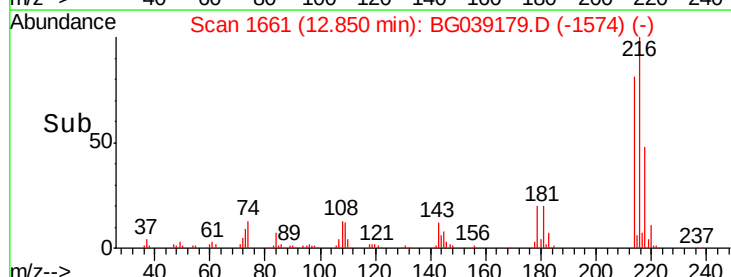
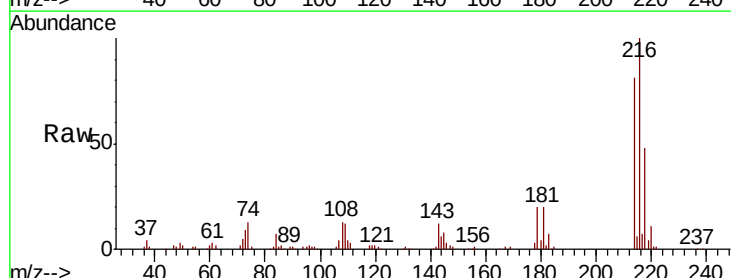
Ion Ratio Lower Upper

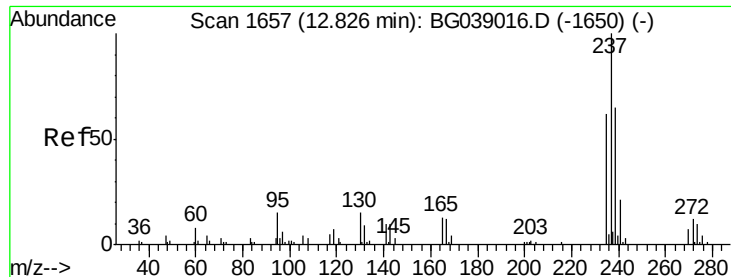
216 100

214 79.4 63.4 95.2

179 19.3 15.5 23.3

108 15.3 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 74.652 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

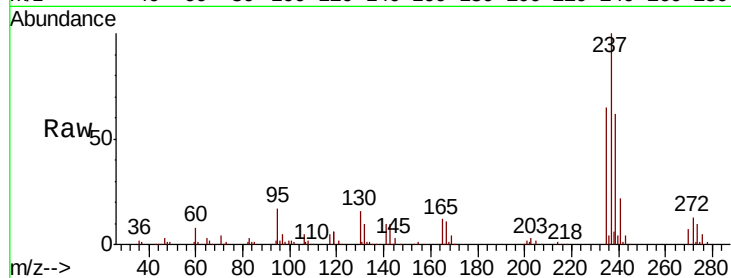
Tgt Ion: 237 Resp: 114353

Ion Ratio Lower Upper

237 100

235 64.6 41.7 81.7

272 12.6 0.0 32.1

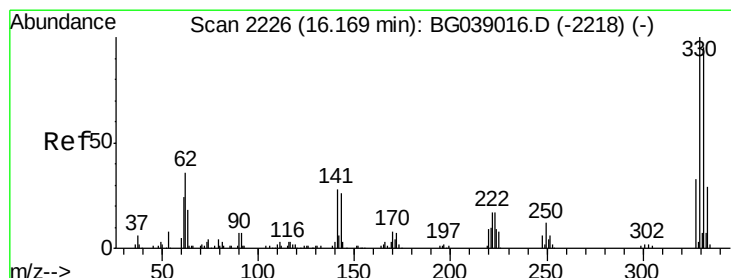
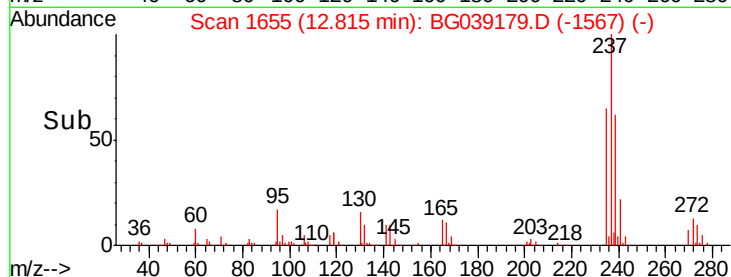
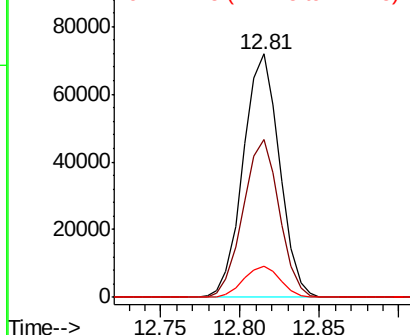


Abundance

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: 167.455 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

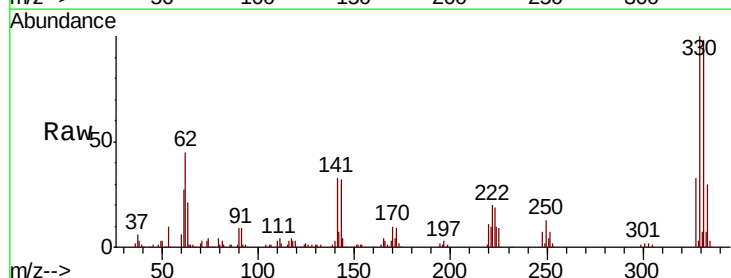
Tgt Ion: 330 Resp: 204418

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

141 32.6 24.9 37.3

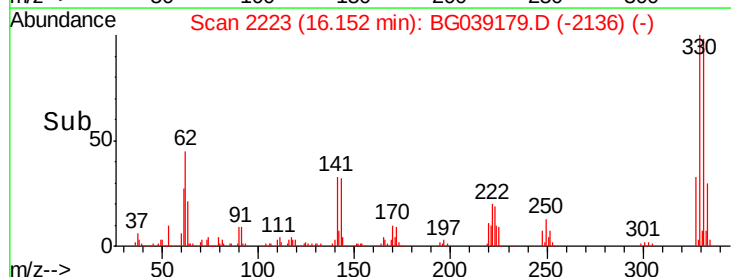
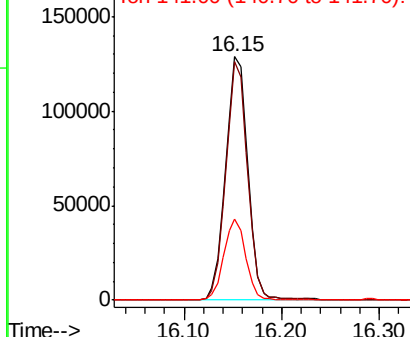


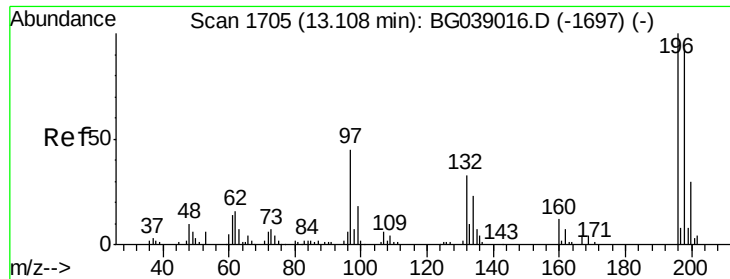
Abundance

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

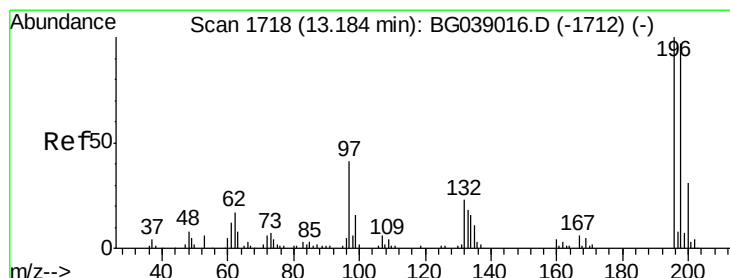
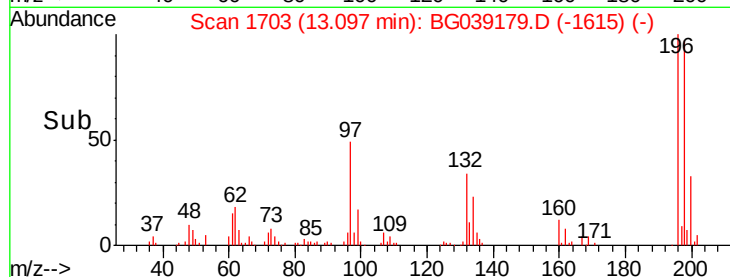
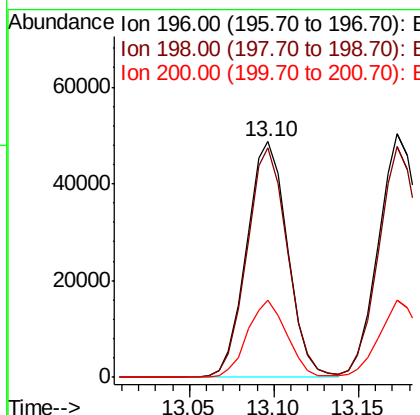
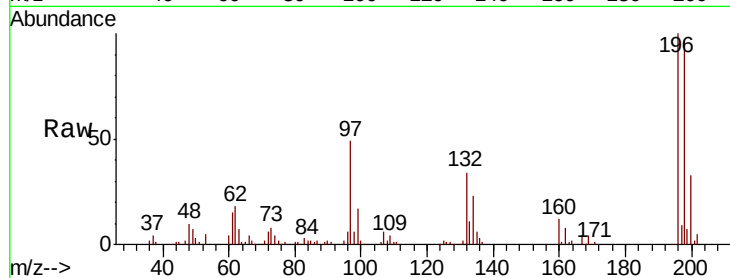




#43
 2,4,6-Trichlorophenol
 Concen: 47.577 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

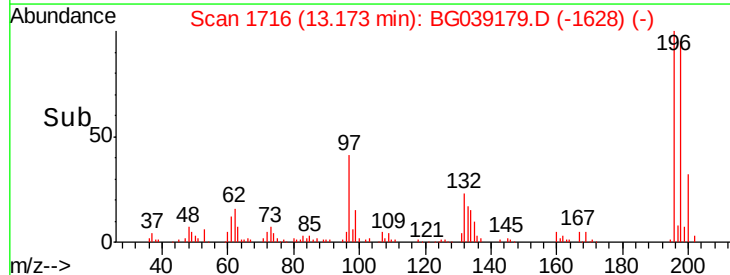
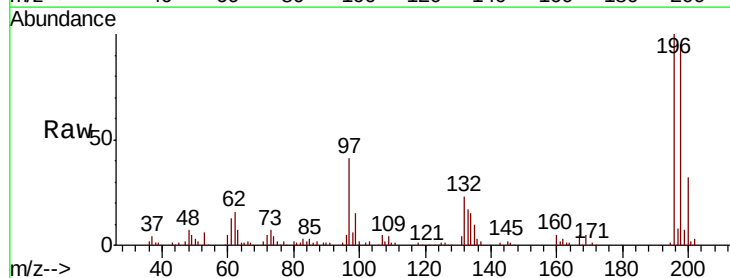
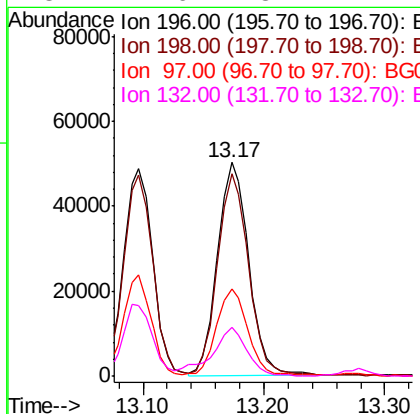
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

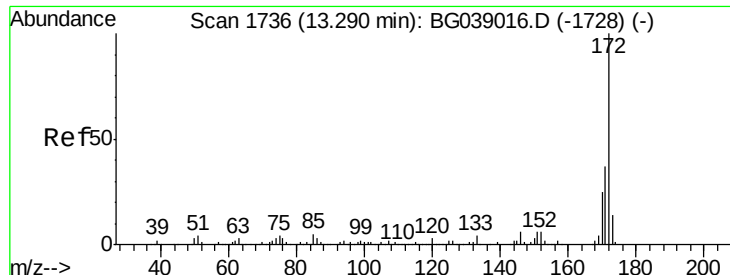
Tgt Ion:196 Resp: 81896
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.5 111.7
 200 32.9 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 49.191 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion:196 Resp: 89493
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.1 117.1
 97 40.6 33.2 49.8
 132 22.6 18.2 27.4

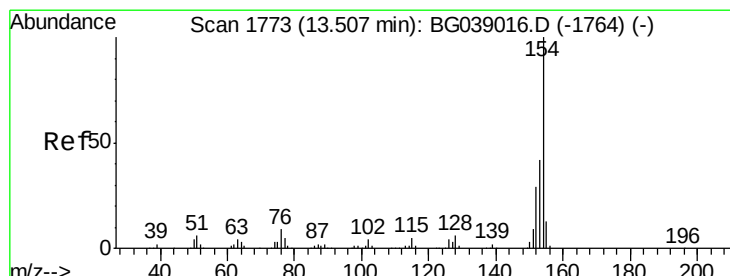
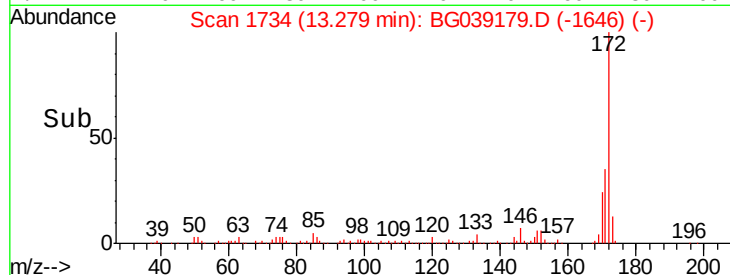
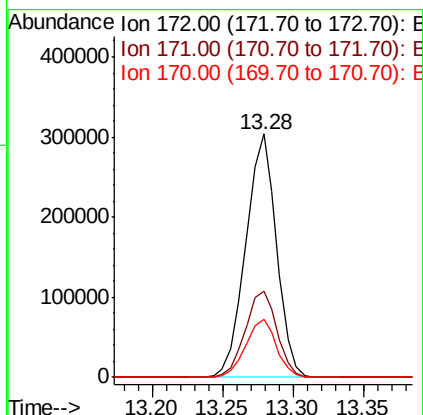
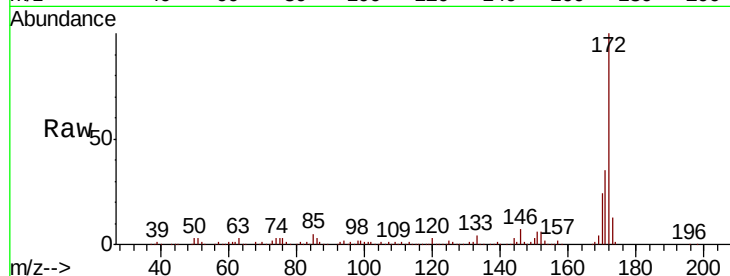




#45
 2-Fluorobiphenyl
 Concen: 87.102 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

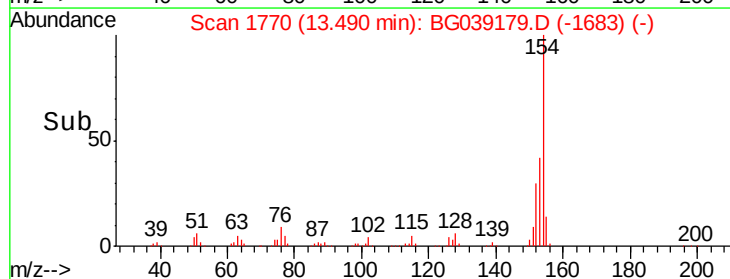
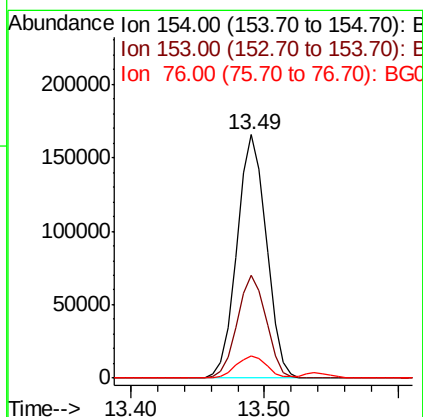
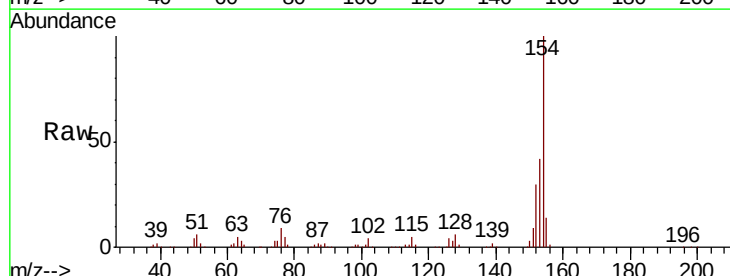
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

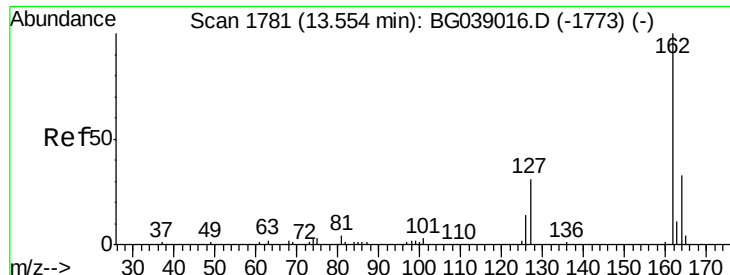
Tgt Ion:172 Resp: 463488
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.8 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 43.713 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion:154 Resp: 252243
 Ion Ratio Lower Upper
 154 100
 153 42.4 22.4 62.4
 76 9.1 0.0 29.4

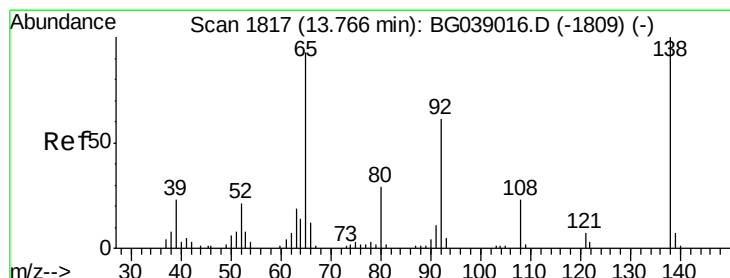
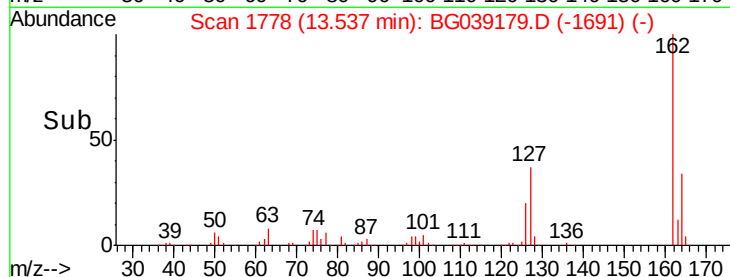
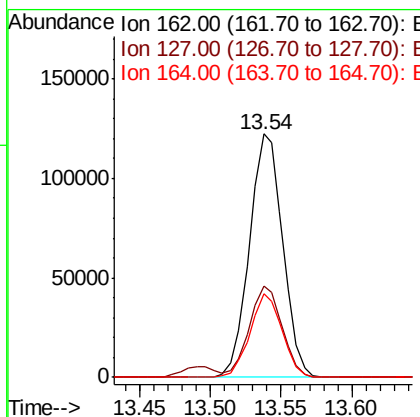
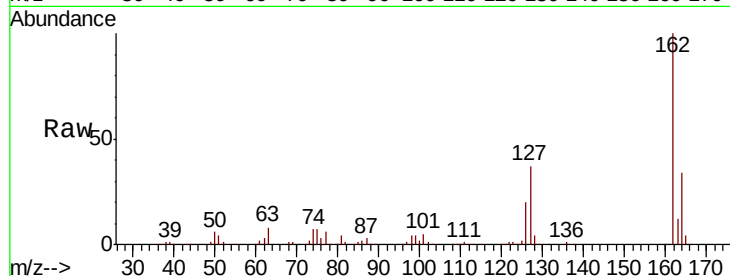




#47
 2-Chloronaphthalene
 Concen: 43.387 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

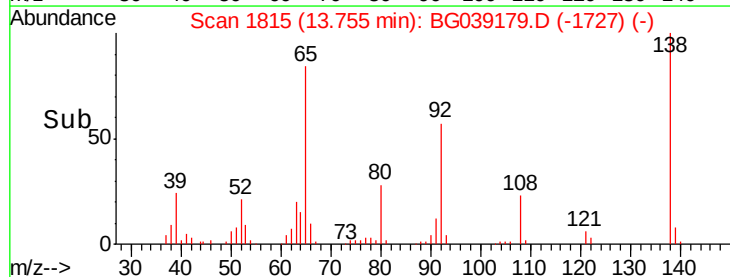
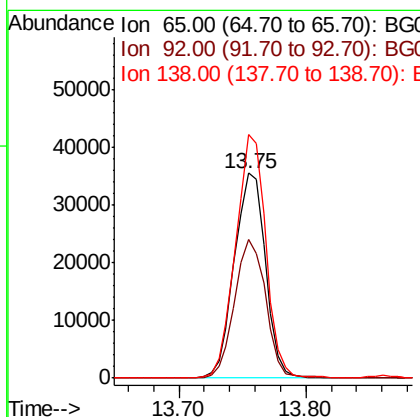
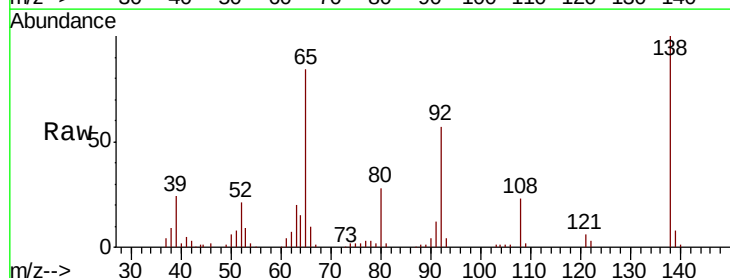
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

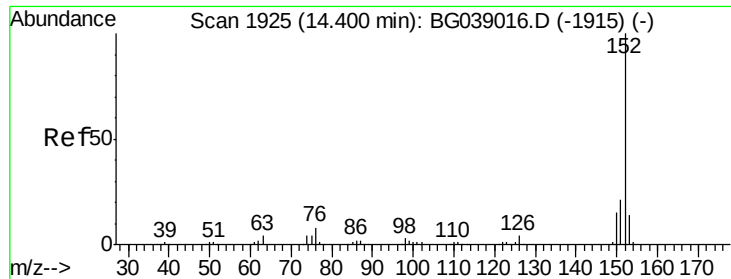
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	28.4	42.6
164	34.2	26.3	39.5



#48
 2-Nitroaniline
 Concen: 46.370 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	52.2	78.4
138	119.0	86.0	129.0





#49

Acenaphthylene

Concen: 47.527 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

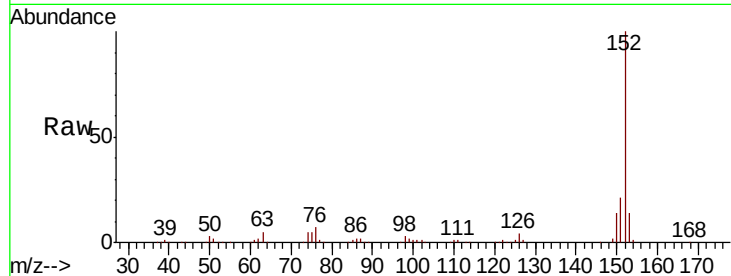
Tgt Ion:152 Resp: 333579

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

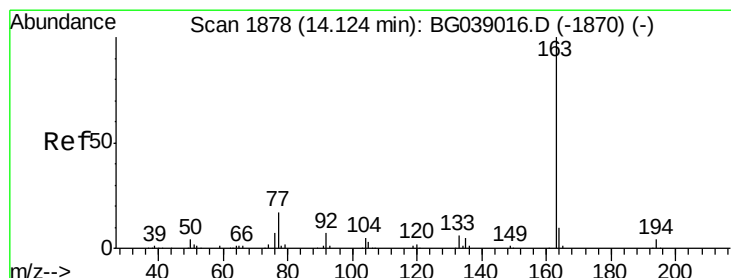
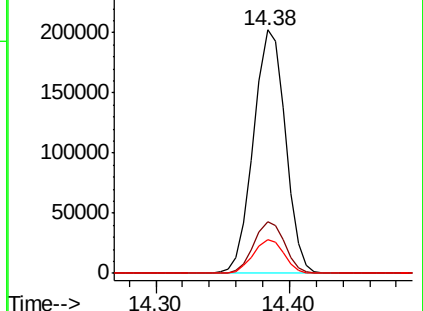
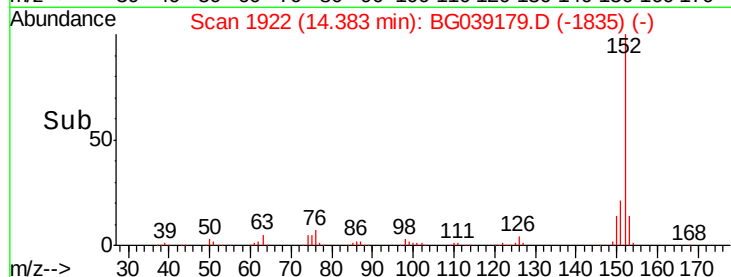
153 13.8 11.2 16.8



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: 45.763 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

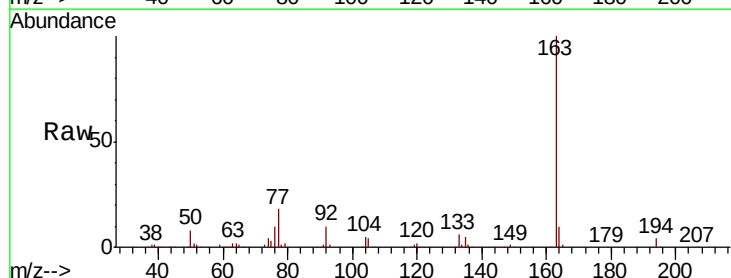
Tgt Ion:163 Resp: 281622

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

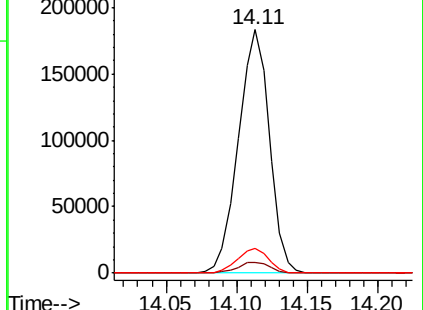
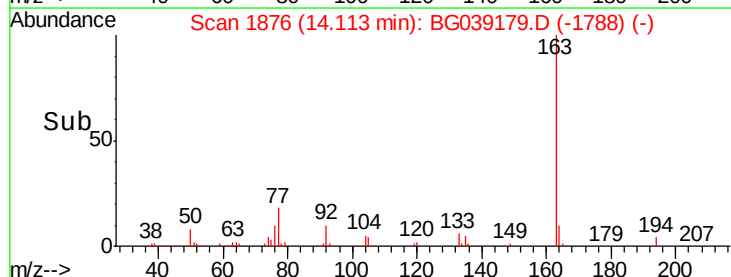
164 10.2 8.2 12.2

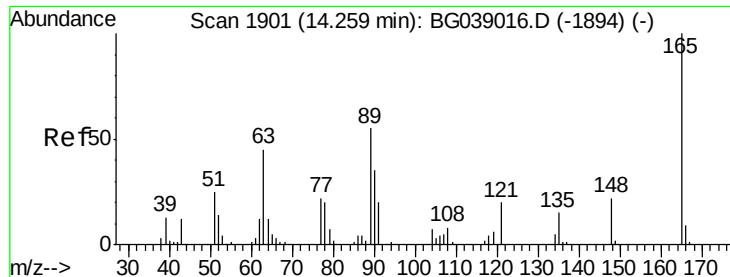


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

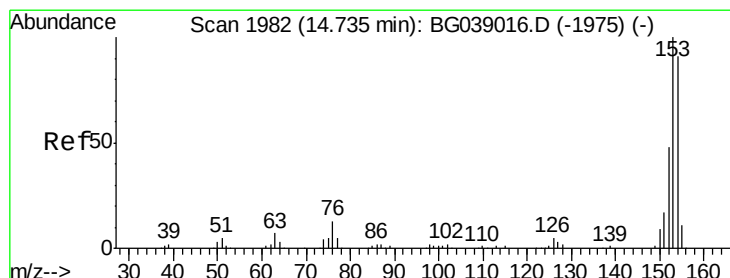
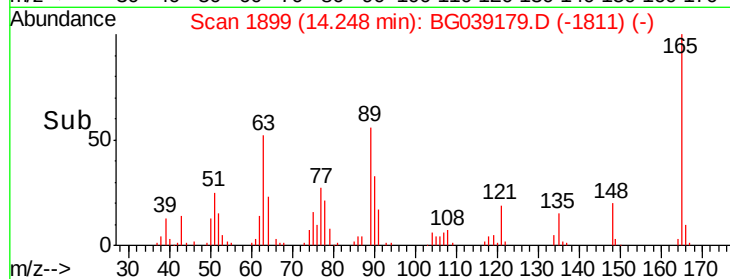
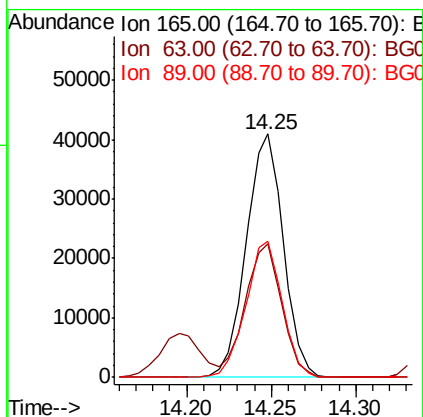
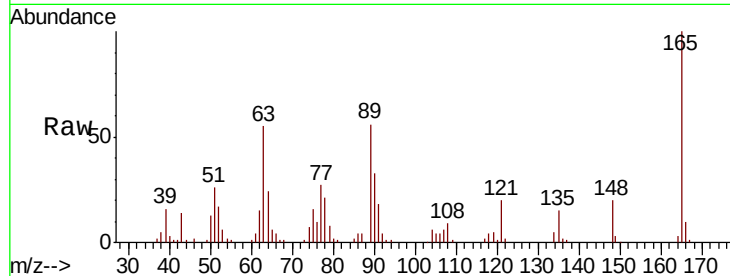




#51
 2,6-Dinitrotoluene
 Concen: 45.156 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

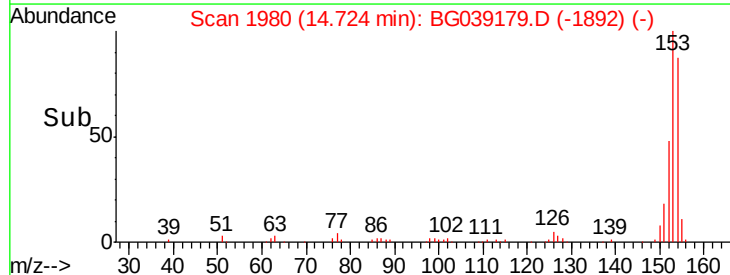
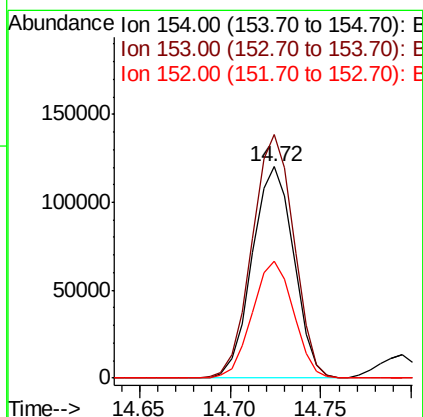
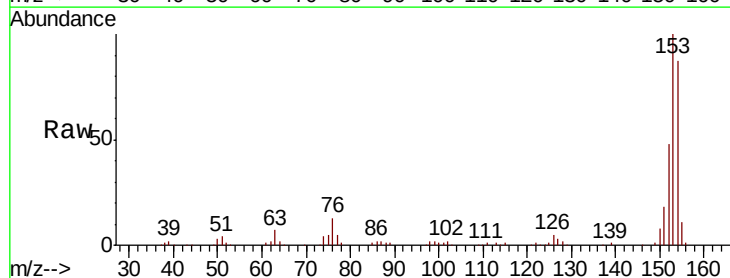
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

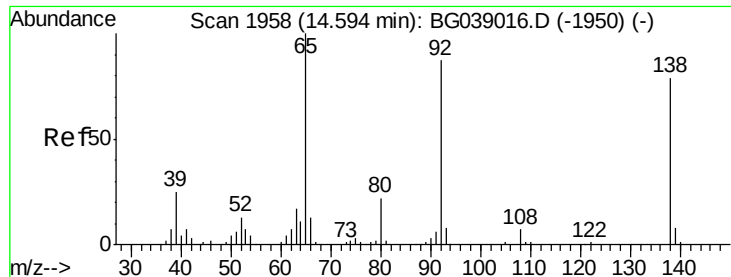
Tgt Ion:165 Resp: 62128
 Ion Ratio Lower Upper
 165 100
 63 54.8 43.6 65.4
 89 55.9 43.7 65.5



#52
 Acenaphthene
 Concen: 45.440 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion:154 Resp: 191618
 Ion Ratio Lower Upper
 154 100
 153 115.1 87.9 131.9
 152 55.3 42.2 63.2





#53

3-Nitroaniline

Concen: 4.763 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

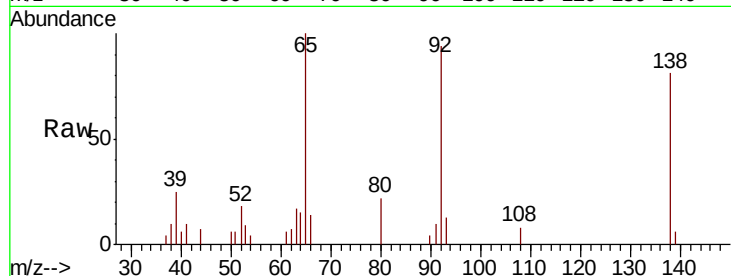
Tgt Ion:138 Resp: 6648

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.0

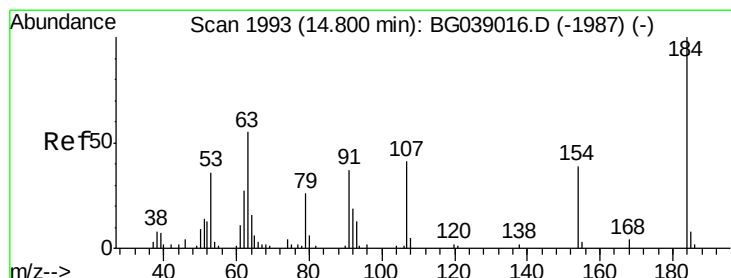
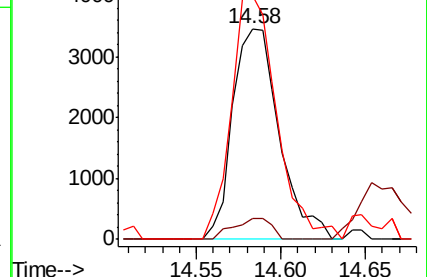
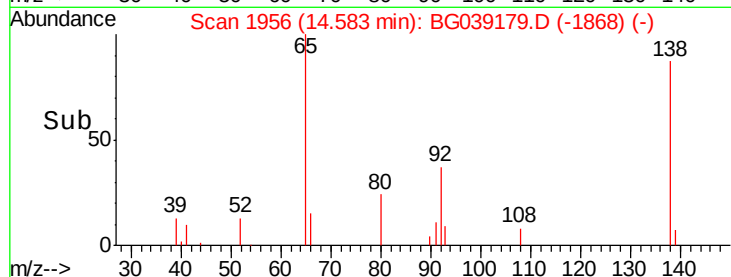
92 115.6 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 47.280 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

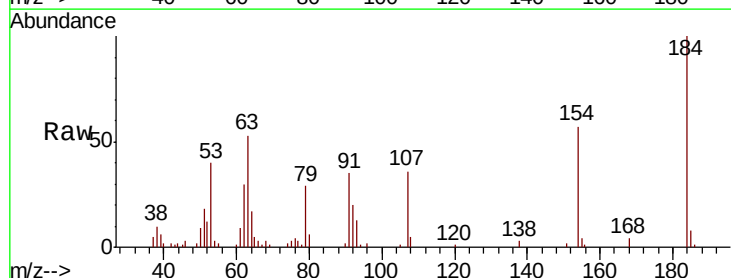
Tgt Ion:184 Resp: 36949

Ion Ratio Lower Upper

184 100

63 53.1 44.0 66.0

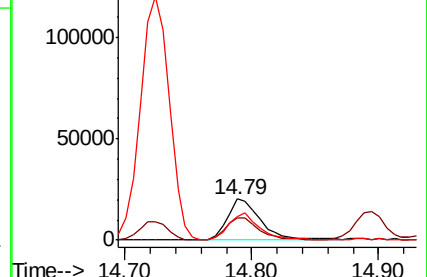
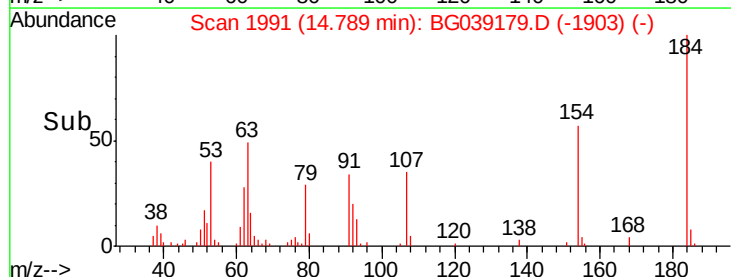
154 57.1 46.1 69.1

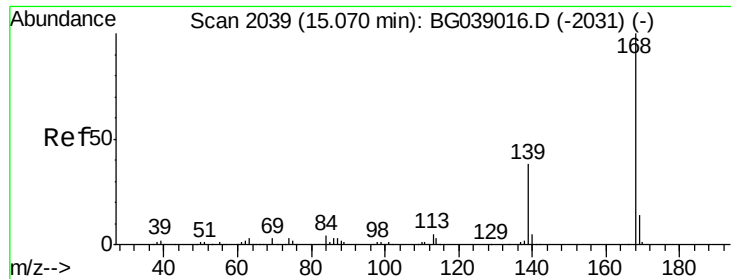


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 50.883 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

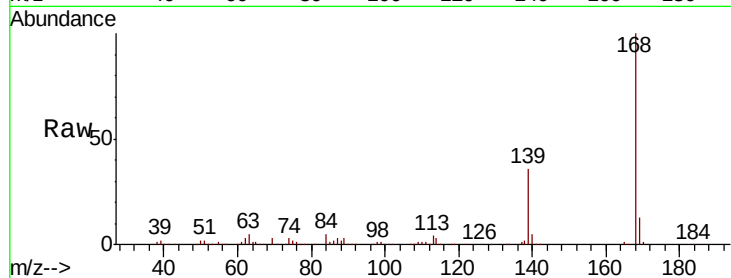
Tgt Ion:168 Resp: 378960

Ion Ratio Lower Upper

168 100

139 36.4 30.1 45.1

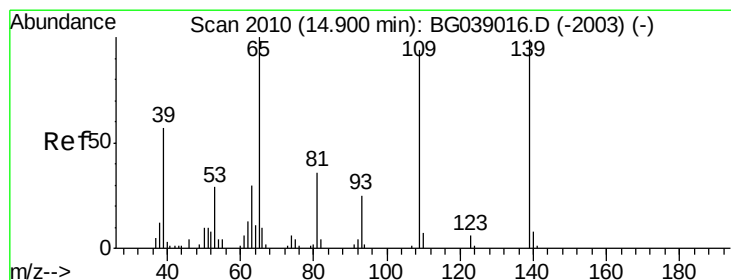
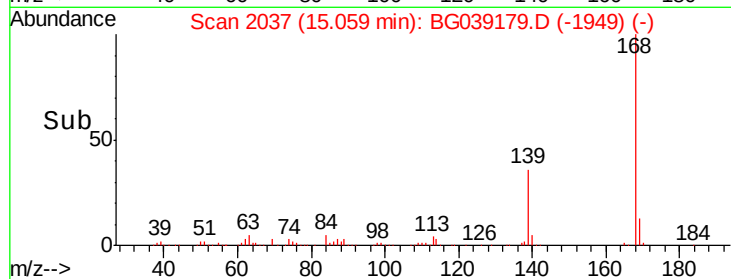
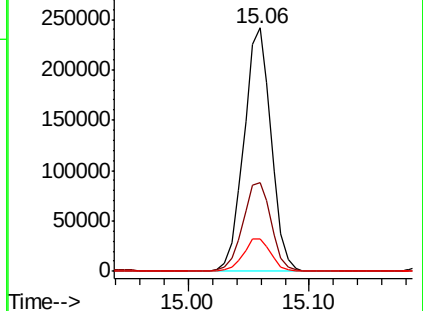
169 13.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.678 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

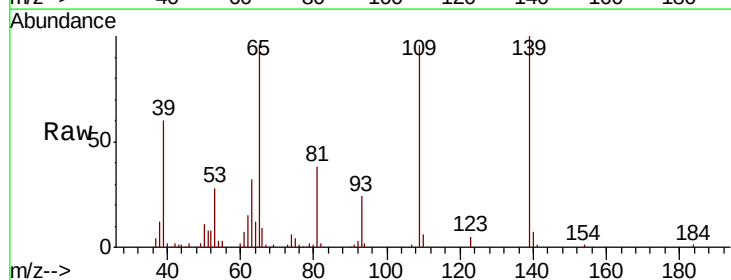
Tgt Ion:139 Resp: 78009

Ion Ratio Lower Upper

139 100

109 95.5 75.6 115.6

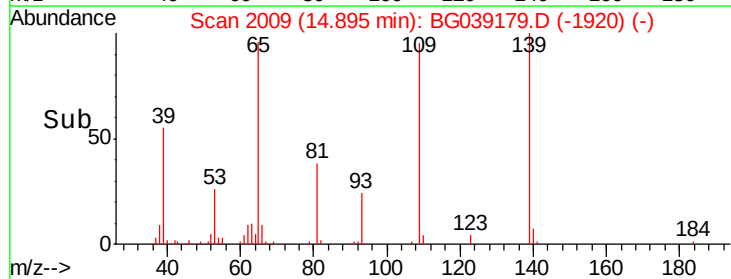
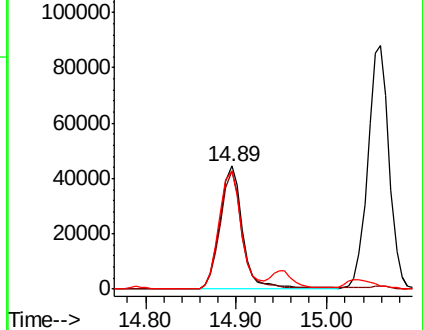
65 96.1 81.2 121.2

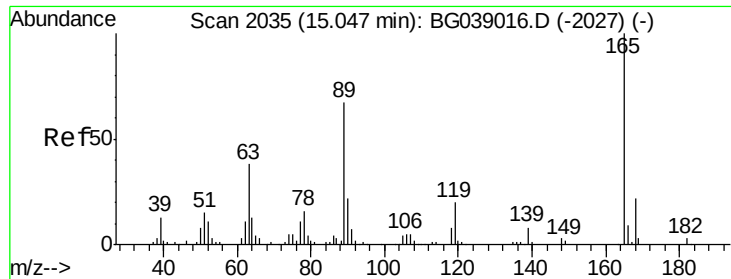


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

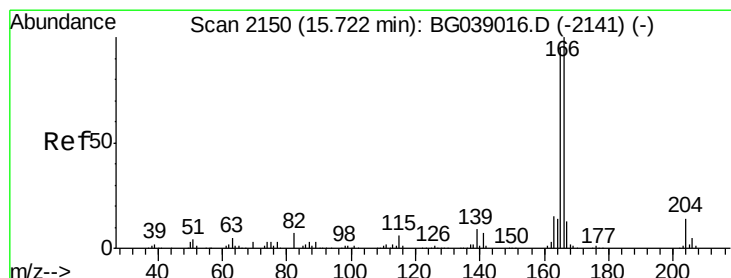
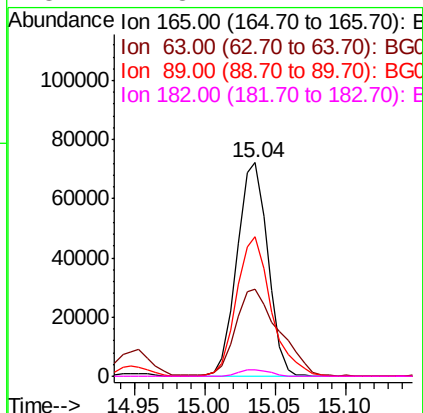
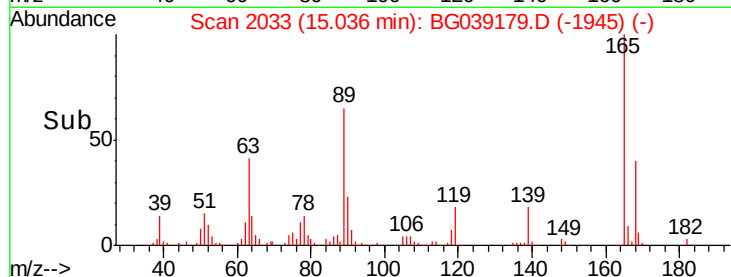
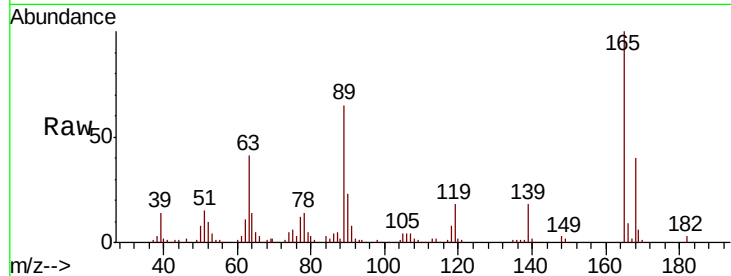




#57
2,4-Dinitrotoluene
Concen: 55.866 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

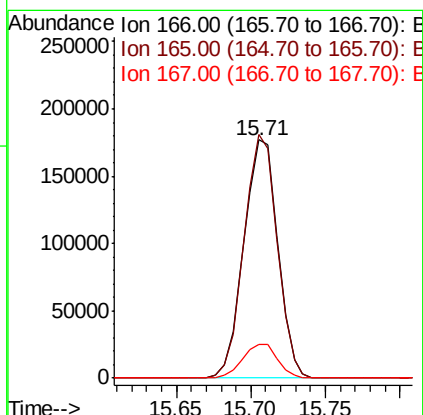
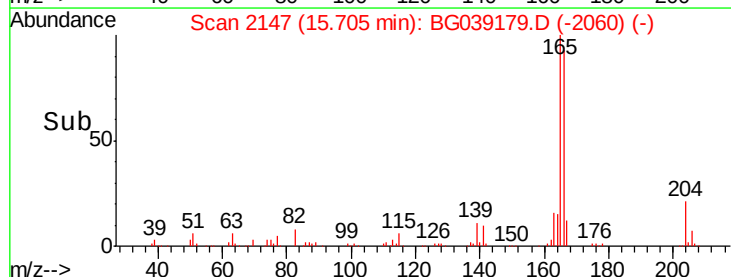
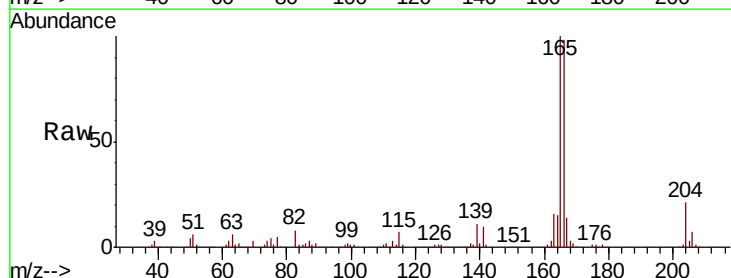
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

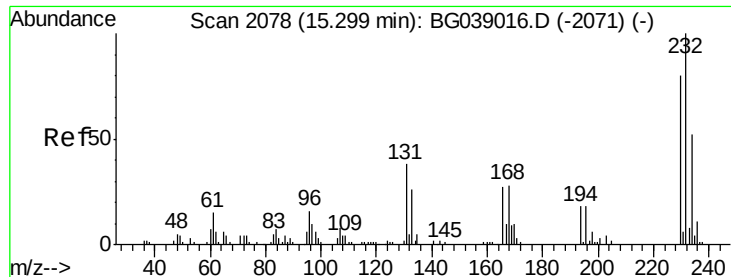
Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.8	30.2	45.4
89	65.3	53.2	79.8
182	2.8	2.7	4.1



#58
Fluorene
Concen: 49.668 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	76.2	114.2
167	14.3	10.6	16.0

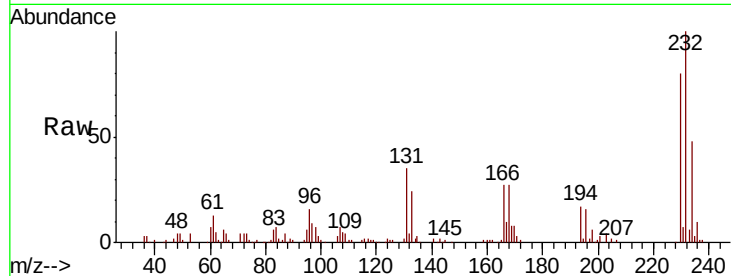




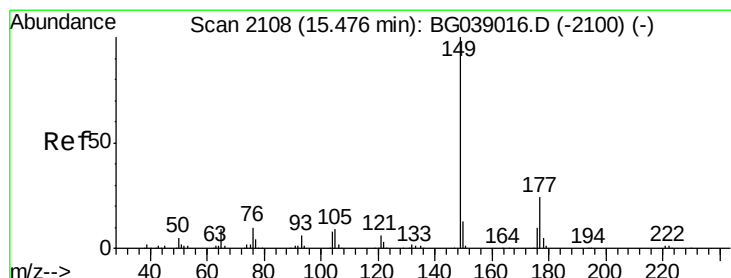
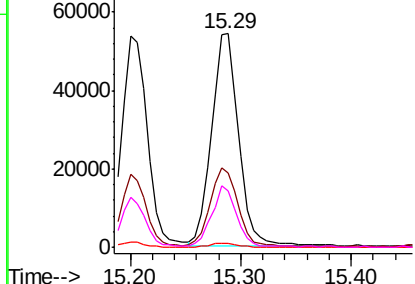
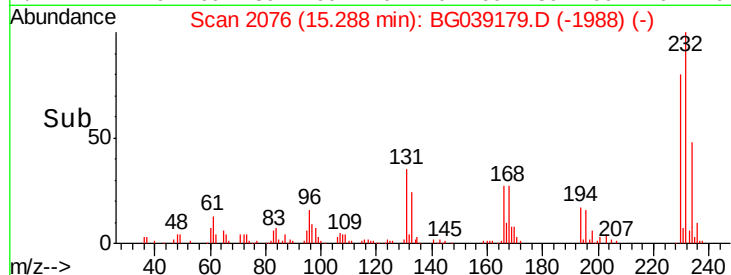
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.437 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tgt Ion:	232	Resp:	91770
Ion	Ratio	Lower	Upper
232	100		
131	37.8	30.9	46.3
130	2.1	1.9	2.9
166	27.3	22.1	33.1

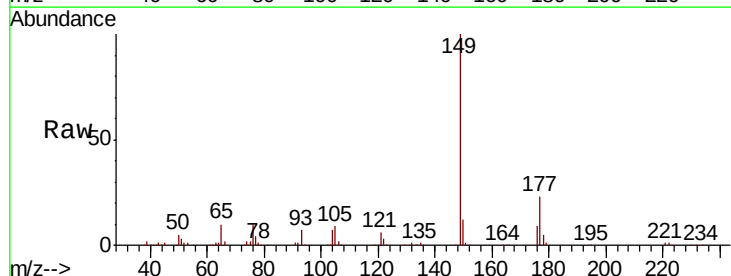


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

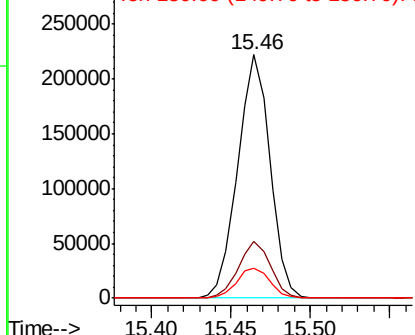
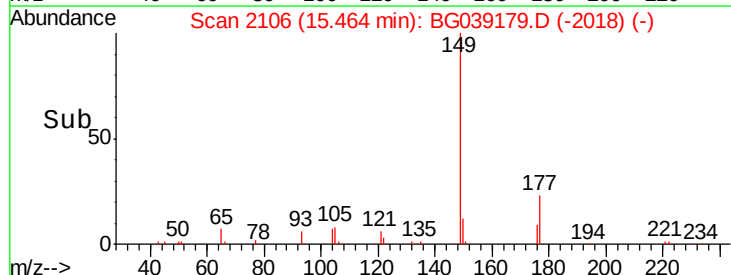


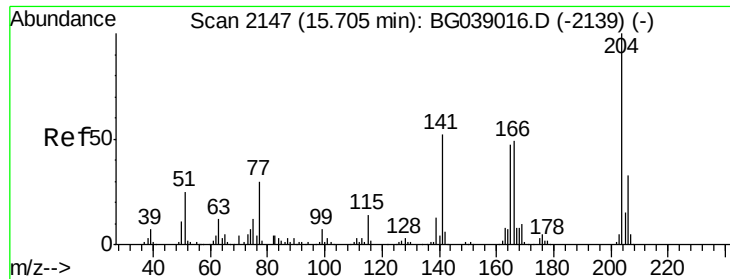
#60
Diethylphthalate
Concen: 49.458 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion:	149	Resp:	313586
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.6
150	12.2	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

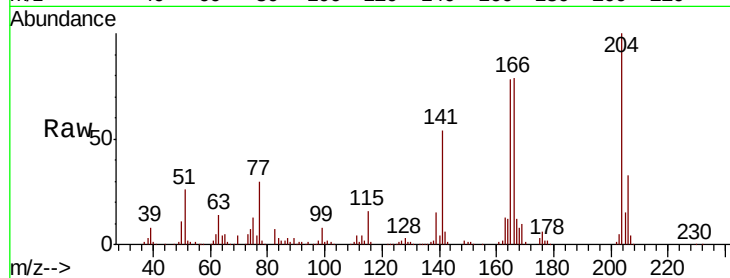




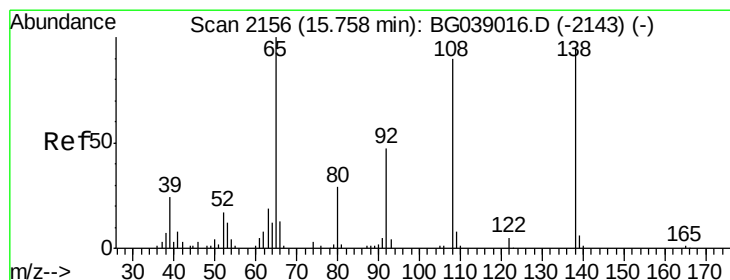
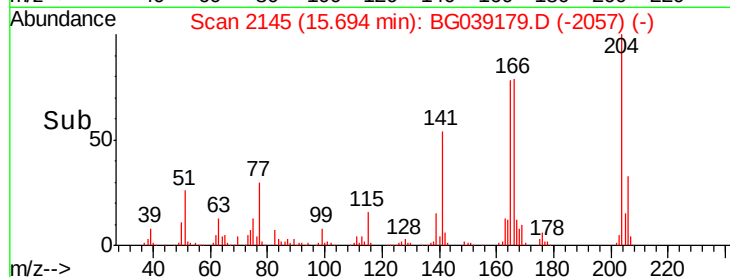
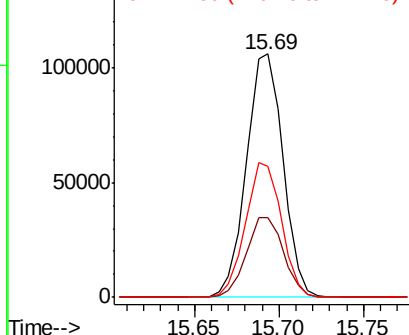
#61
 4-Chlorophenyl-phenylether
 Concen: 45.294 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tgt Ion: 204 Resp: 159971
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.6 39.8
 141 53.5 41.4 62.0

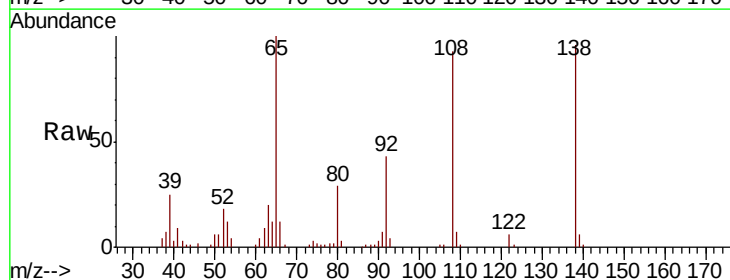


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

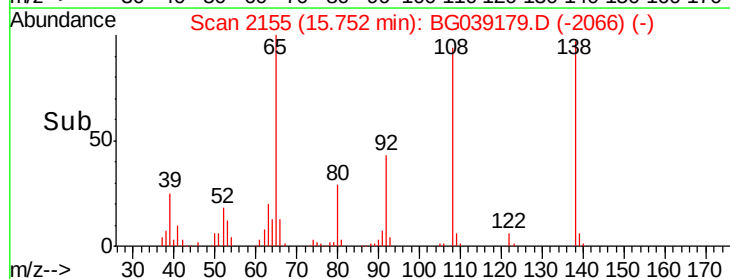
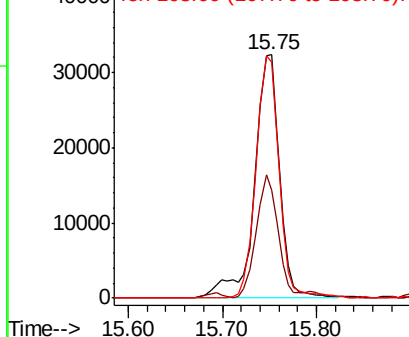


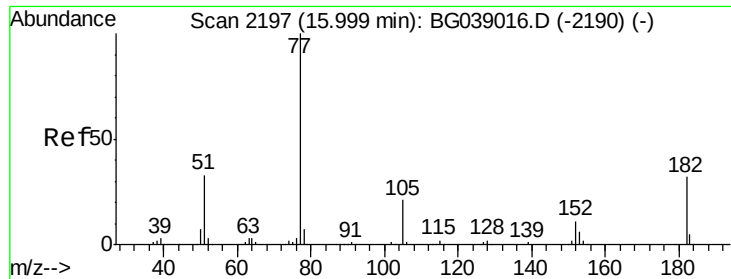
#62
 4-Nitroaniline
 Concen: 41.401 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion: 138 Resp: 60197
 Ion Ratio Lower Upper
 138 100
 92 44.2 29.7 69.7
 108 96.8 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: 44.966 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

Tgt Ion: 77 Resp: 222959

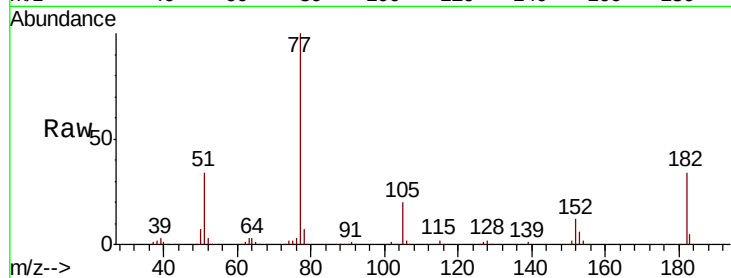
Ion Ratio Lower Upper

77 100

182 33.6 12.2 52.2

105 20.1 1.2 41.2

51 33.8 13.4 53.4

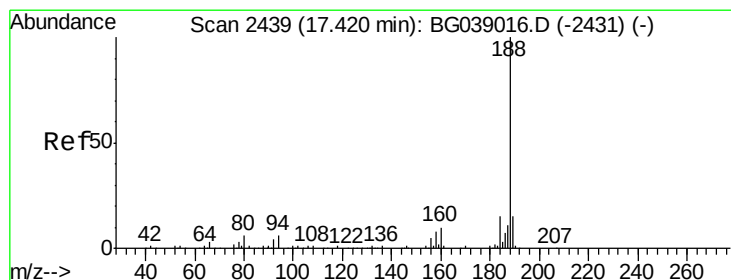
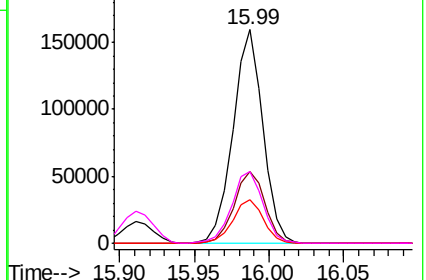
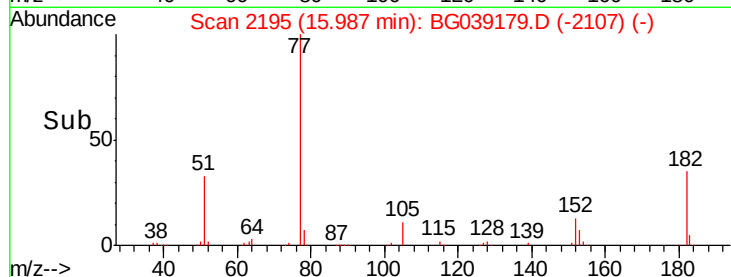


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

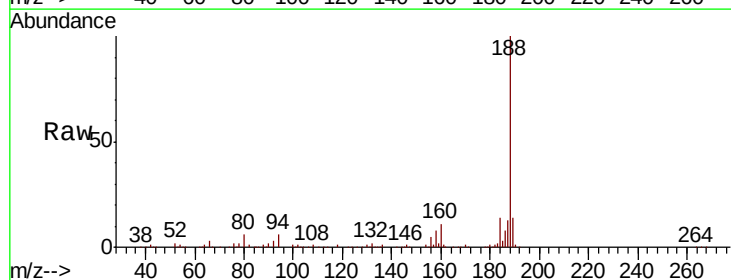
Tgt Ion: 188 Resp: 206184

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

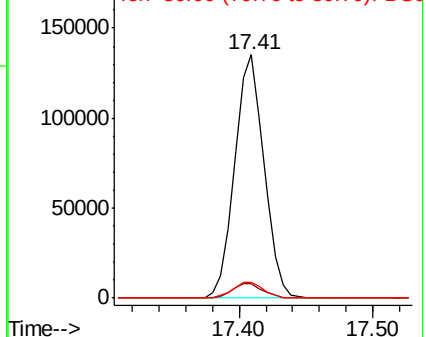
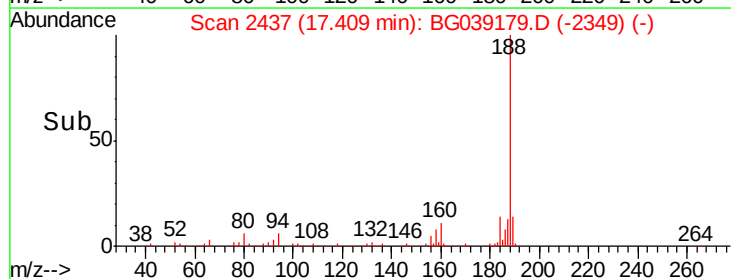
80 6.3 4.7 7.1

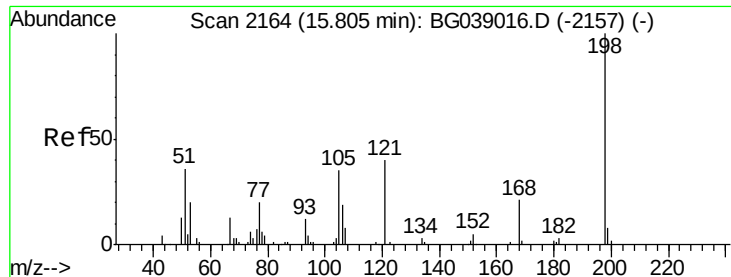


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 29.699 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

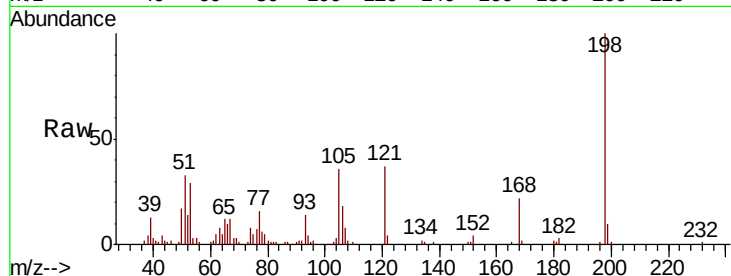
Tgt Ion:198 Resp: 45366

Ion Ratio Lower Upper

198 100

51 33.4 20.8 60.8

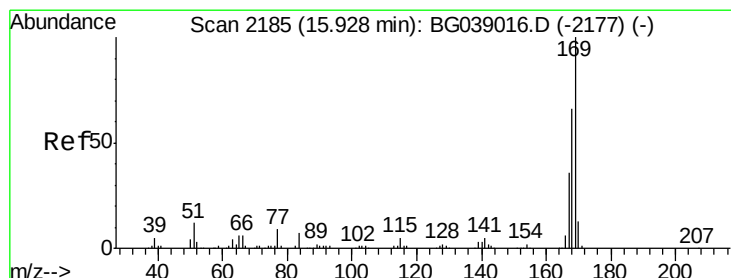
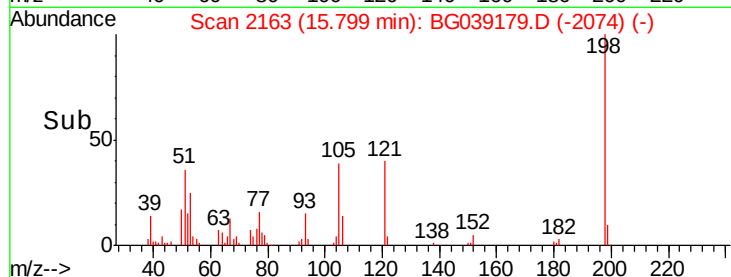
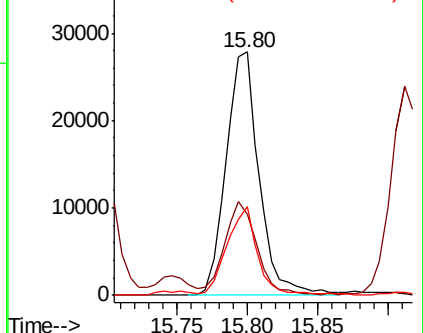
105 36.4 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039179.D (-2095) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.265 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

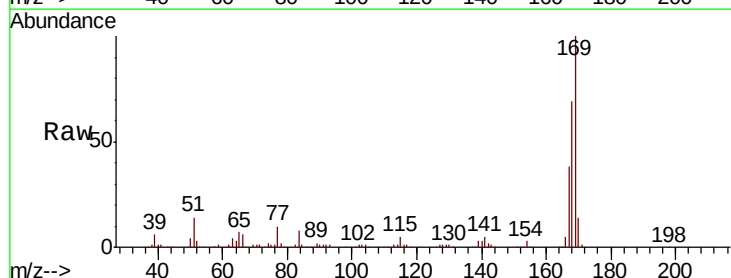
Tgt Ion:169 Resp: 252226

Ion Ratio Lower Upper

169 100

168 69.1 53.2 79.8

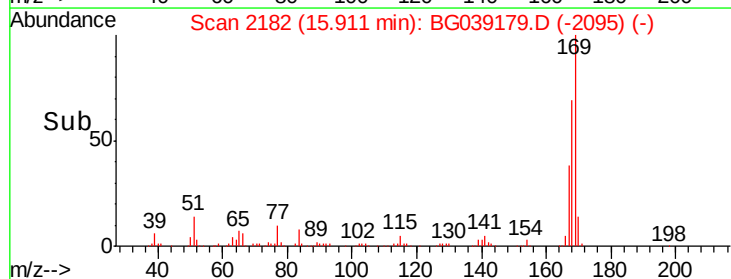
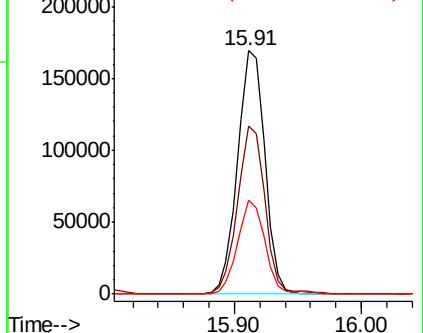
167 38.4 29.1 43.7

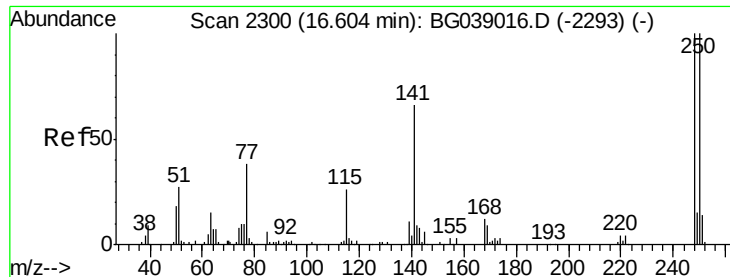


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

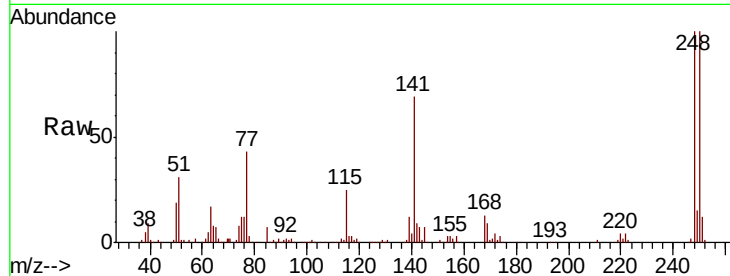




#67
 4-Bromophenyl-phenylether
 Concen: 44.917 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	79.9	119.9
141	69.6	52.7	79.1

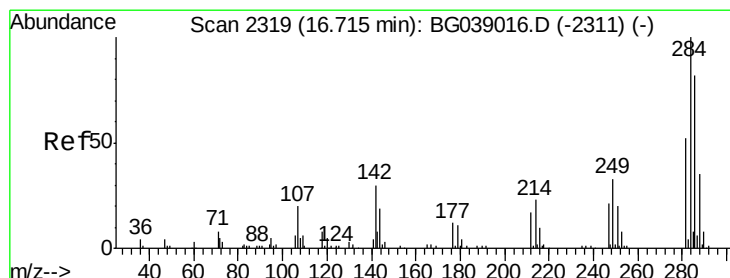
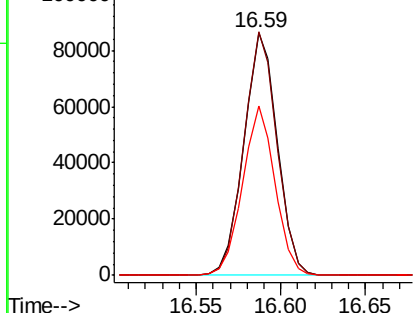
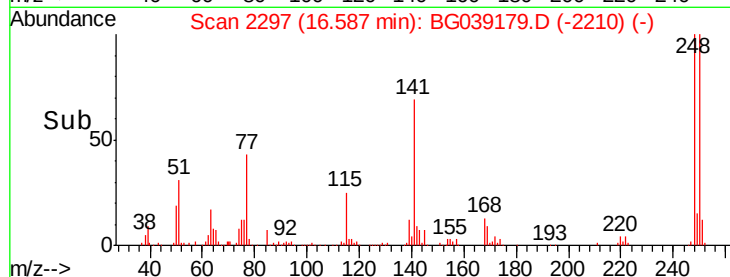


Abundance

Ion 248.00 (247.70 to 248.70): E

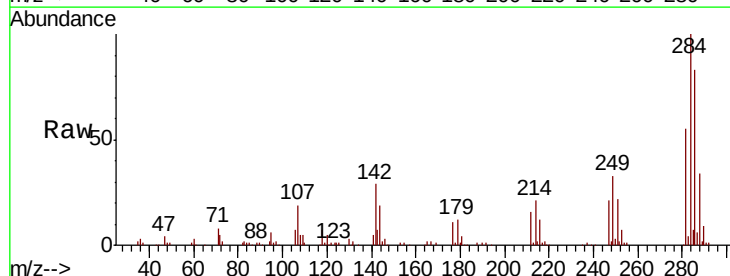
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.673 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.3	36.5
249	35.7	27.8	41.8

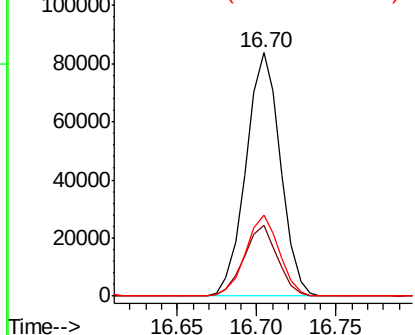
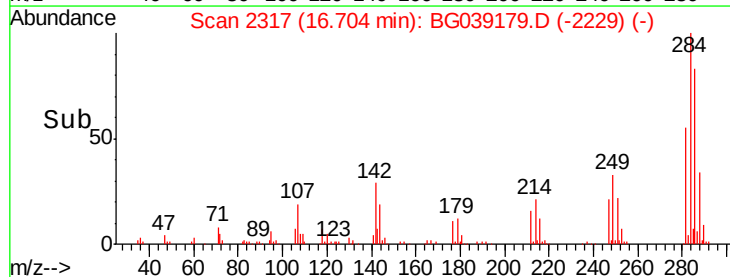


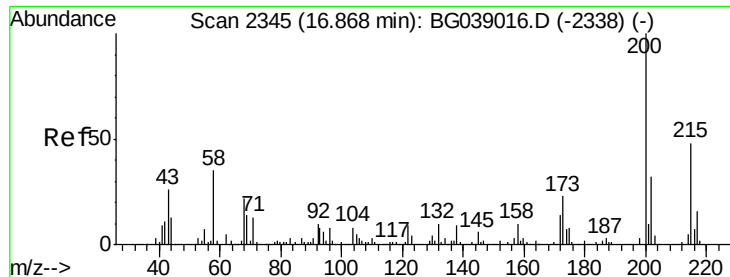
Abundance

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: 44.482 ng

RT: 16.86 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

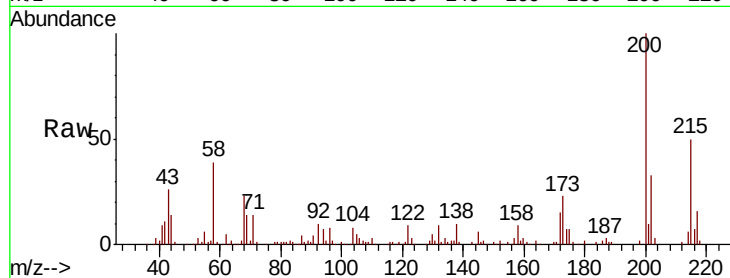
Tgt Ion:200 Resp: 115502

Ion Ratio Lower Upper

200 100

173 22.7 2.6 42.6

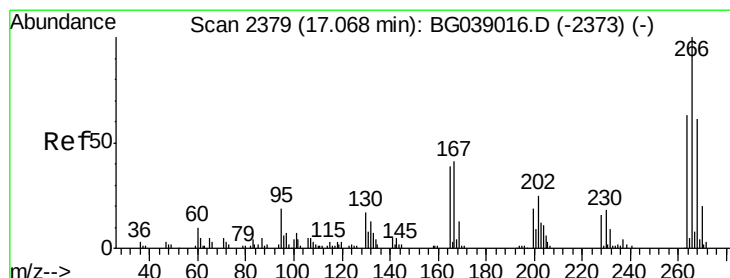
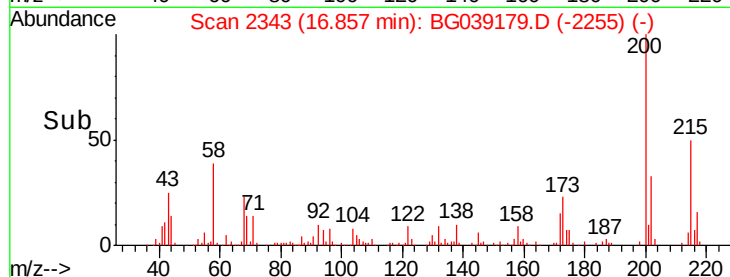
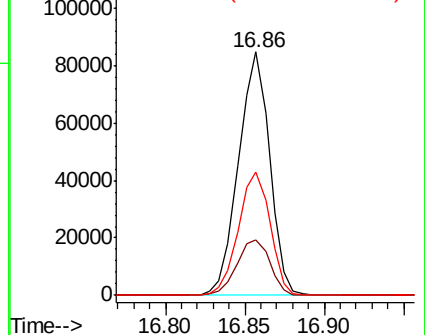
215 50.5 28.0 68.0



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: 68.494 ng

RT: 17.06 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

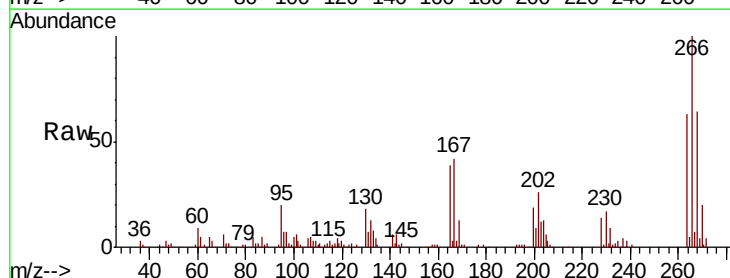
Tgt Ion:266 Resp: 120783

Ion Ratio Lower Upper

266 100

268 68.0 52.0 78.0

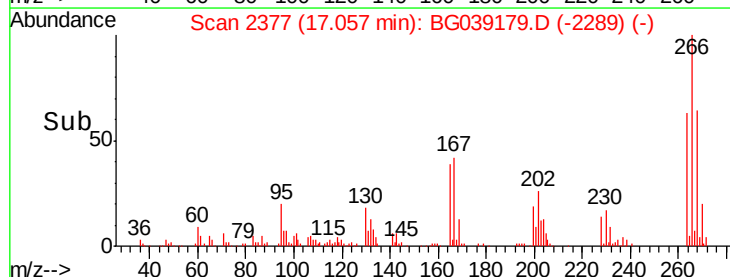
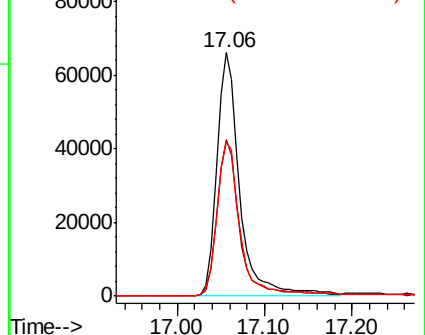
264 63.3 54.6 81.8

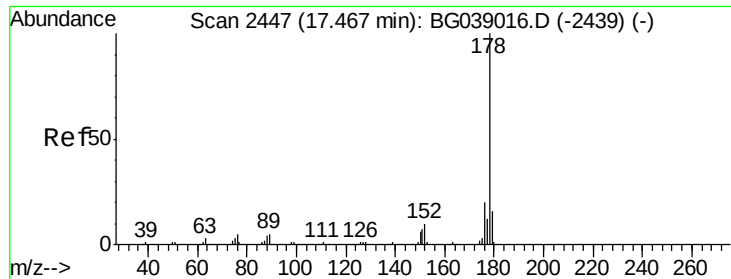


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

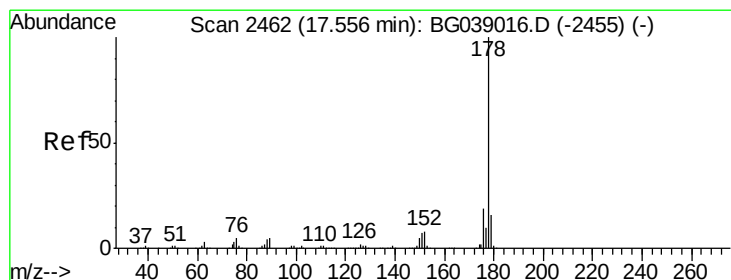
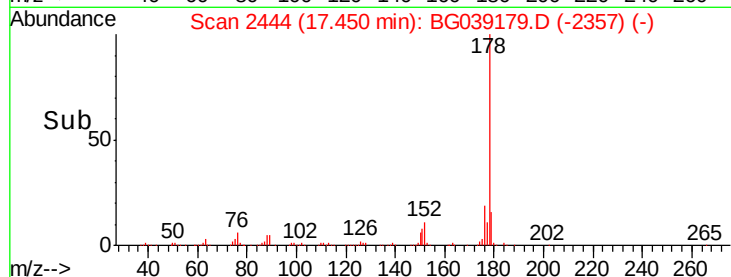
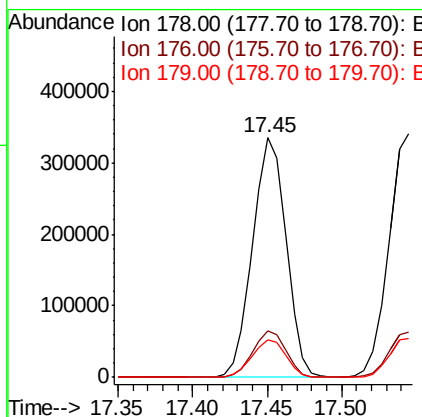
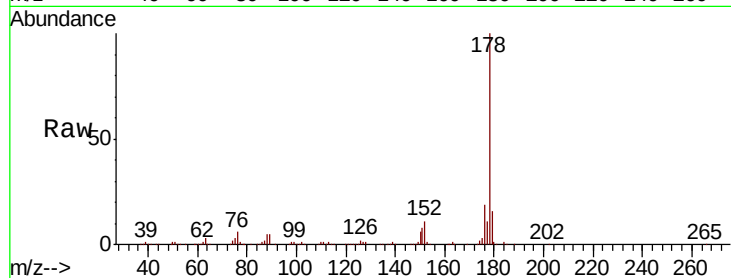




#71
Phenanthrene
Concen: 47.771 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

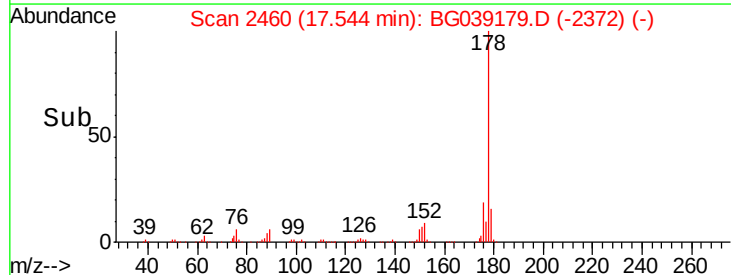
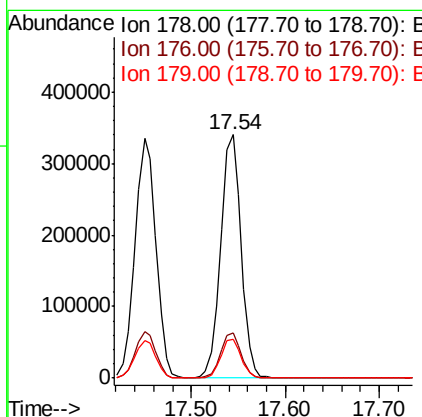
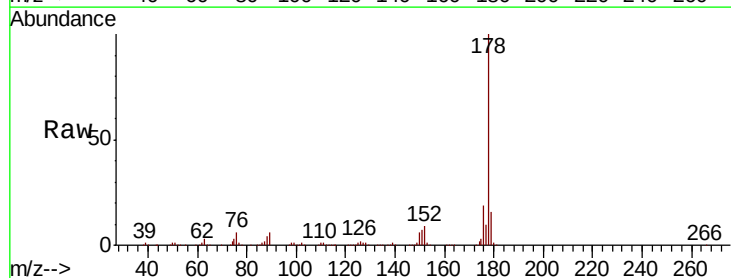
Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

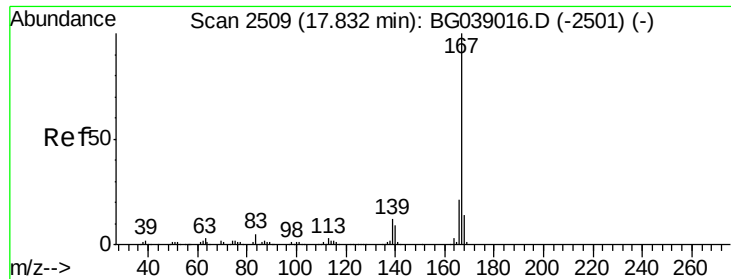
Tgt Ion:178 Resp: 520615
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.7 12.9 19.3



#72
Anthracene
Concen: 47.920 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion:178 Resp: 516356
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.8 13.0 19.4

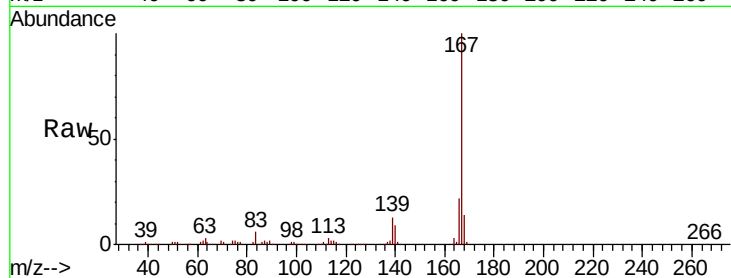




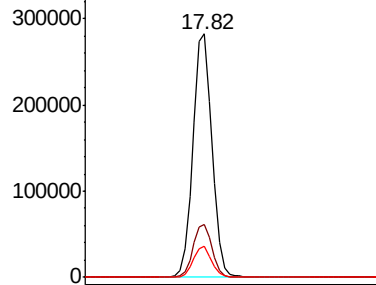
#73
 Carbazole
 Concen: 41.501 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

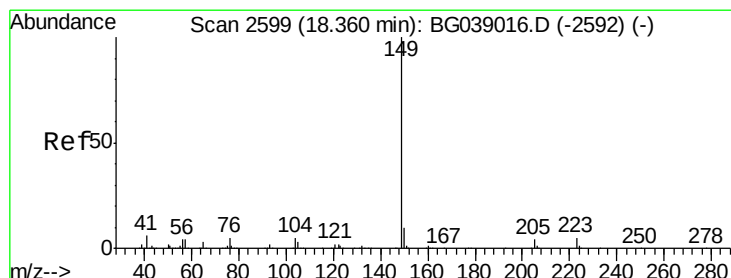
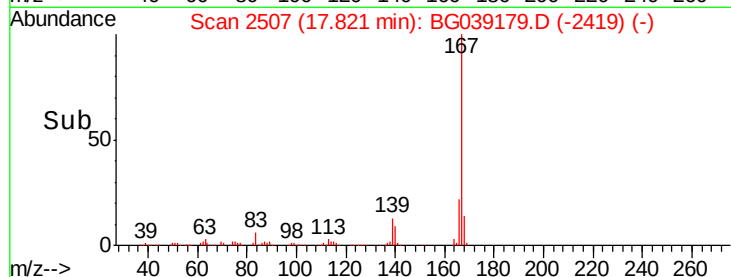
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	12.5	10.0	15.0



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

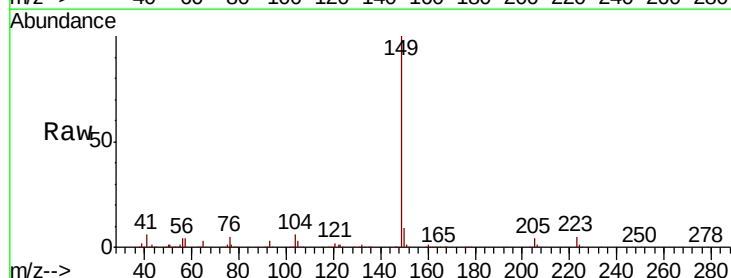


Time--> 17.70 17.80 17.90 18.00

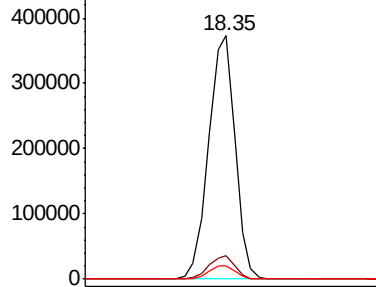


#74
 Di-n-butylphthalate
 Concen: 41.180 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

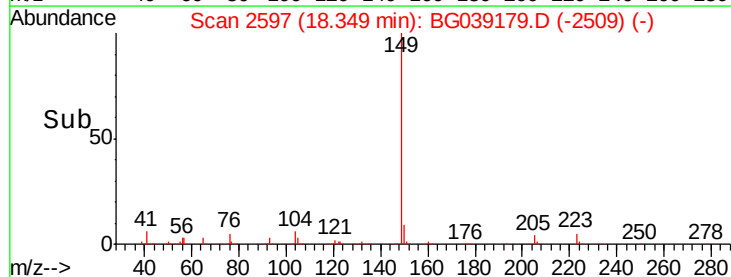
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.6	4.2	6.2

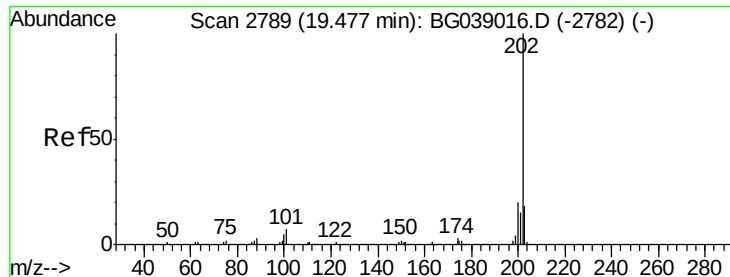


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time--> 18.25 18.30 18.35 18.40





#75

Fluoranthene

Concen: 47.472 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

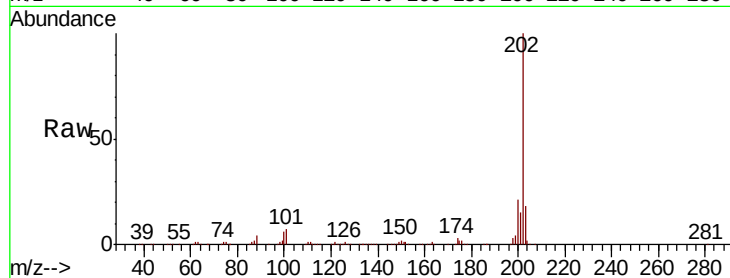
Tgt Ion:202 Resp: 641367

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.9

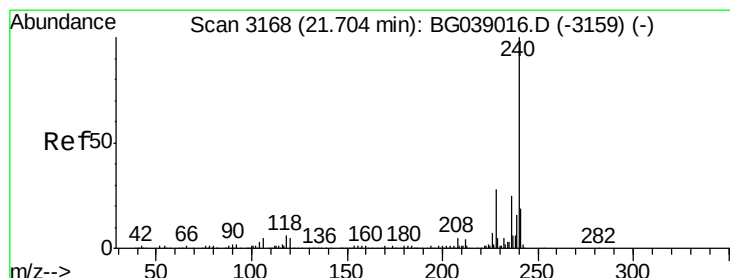
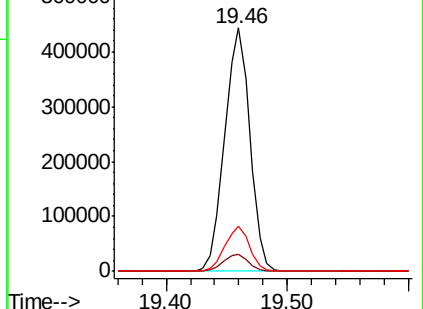
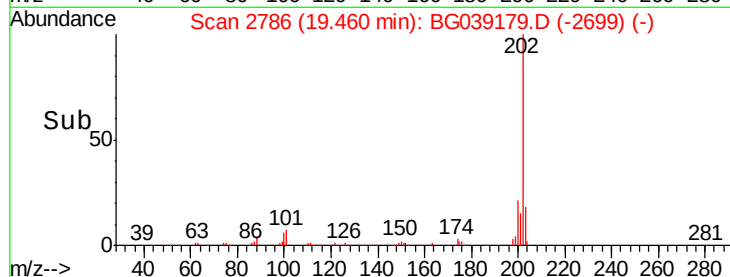
203 18.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

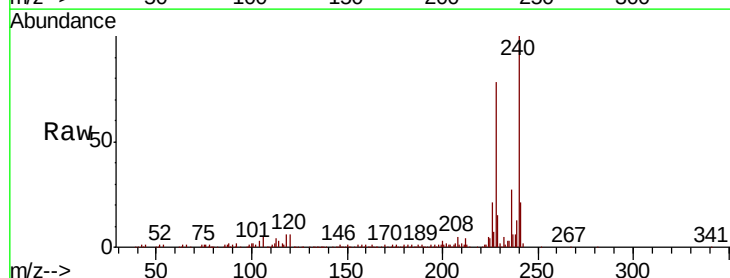
Tgt Ion:240 Resp: 192795

Ion Ratio Lower Upper

240 100

120 5.9 4.3 6.5

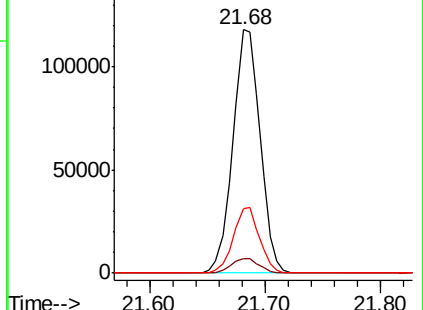
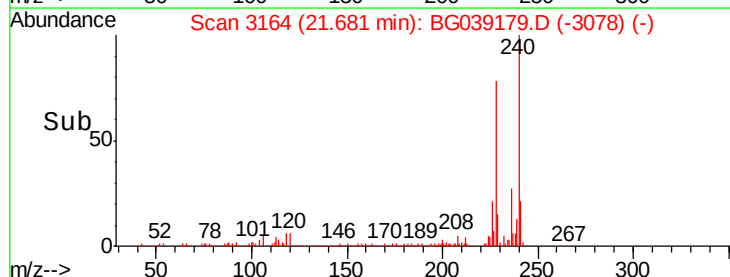
236 26.7 20.1 30.1

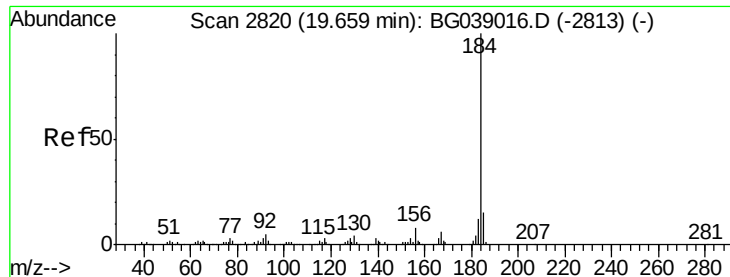


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.461 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

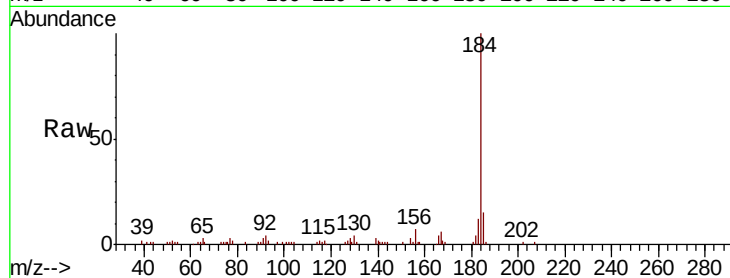
Tgt Ion:184 Resp: 55790

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

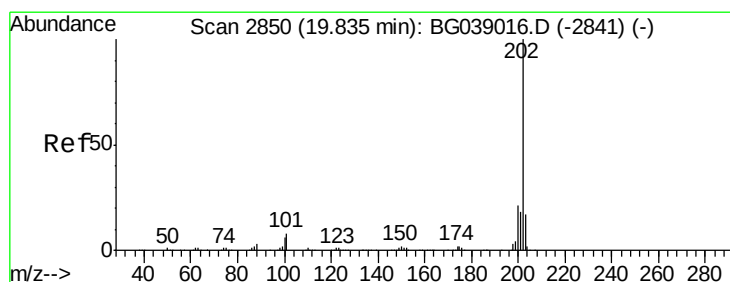
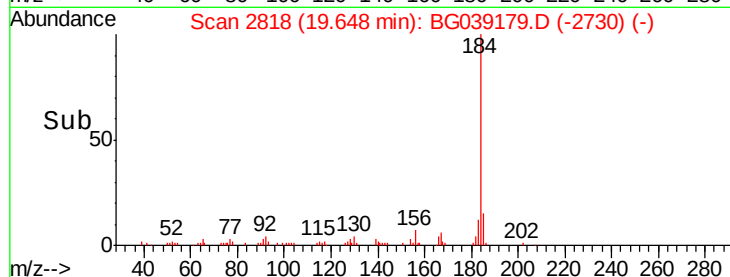
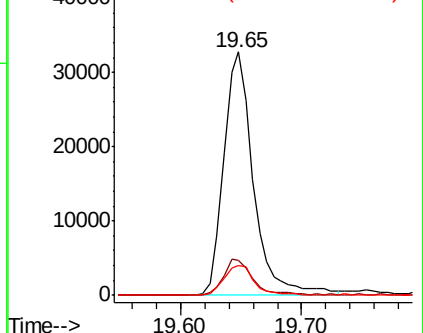
183 12.4 9.5 14.3



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: 46.433 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

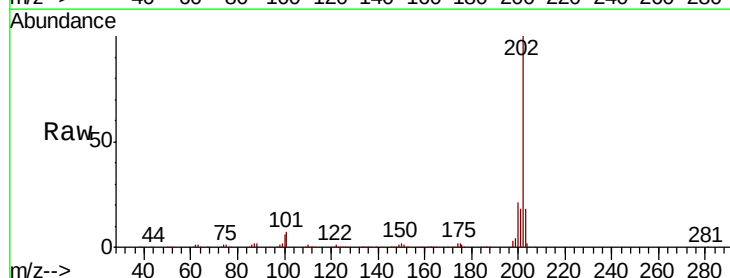
Tgt Ion:202 Resp: 570504

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

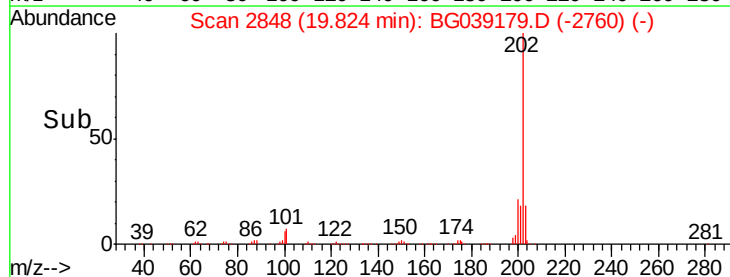
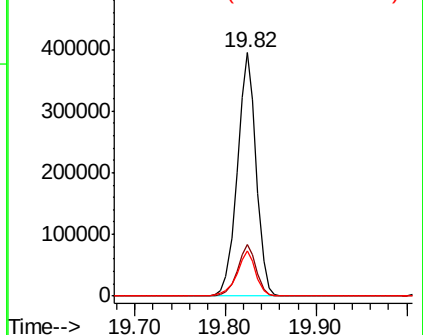
203 18.4 14.0 21.0

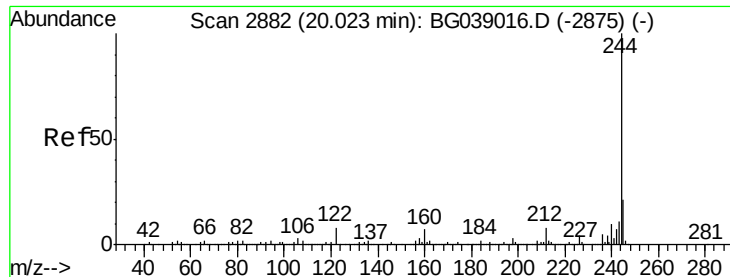


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.046 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

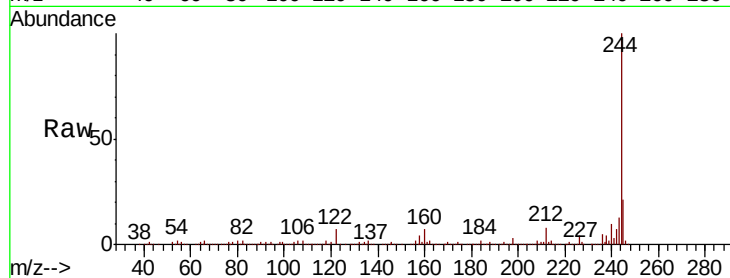
Tgt Ion:244 Resp: 886347

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

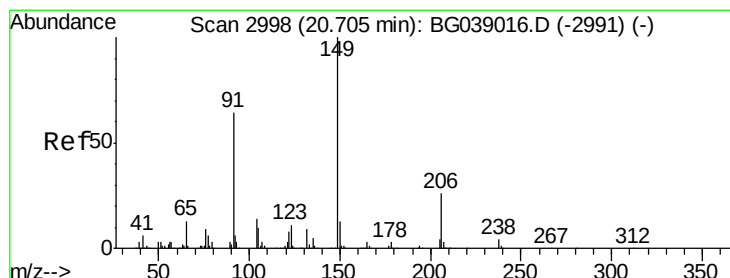
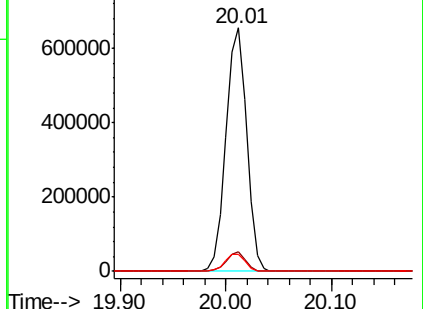
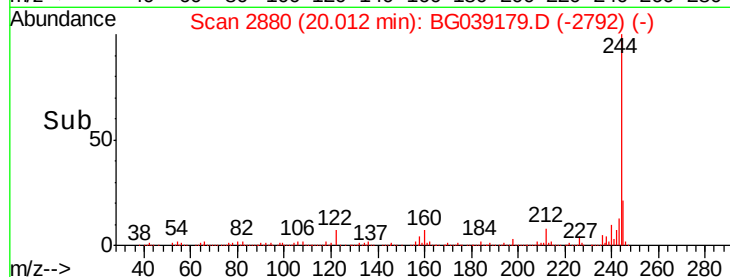
122 7.0 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.198 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

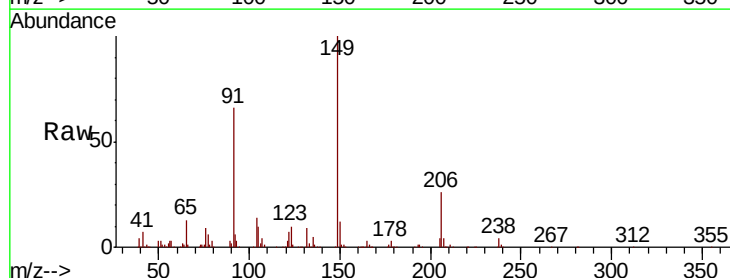
Tgt Ion:149 Resp: 215884

Ion Ratio Lower Upper

149 100

91 65.8 51.4 77.0

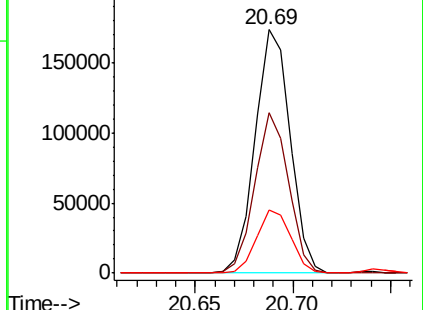
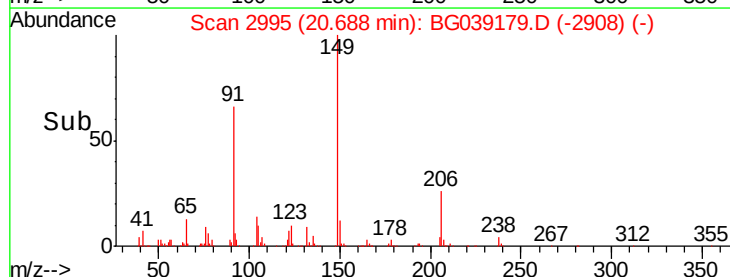
206 25.8 20.4 30.6

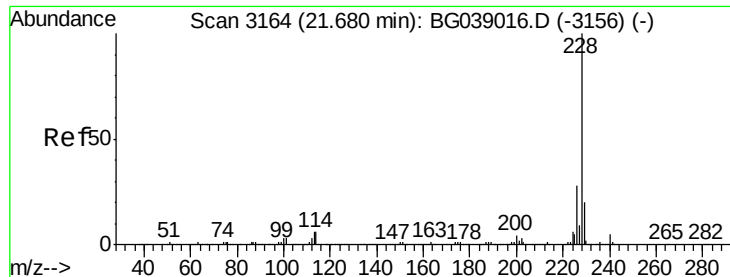


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

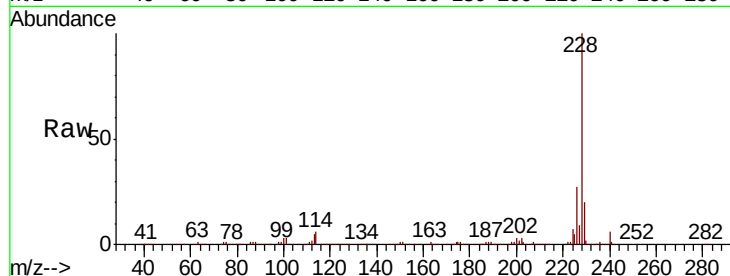




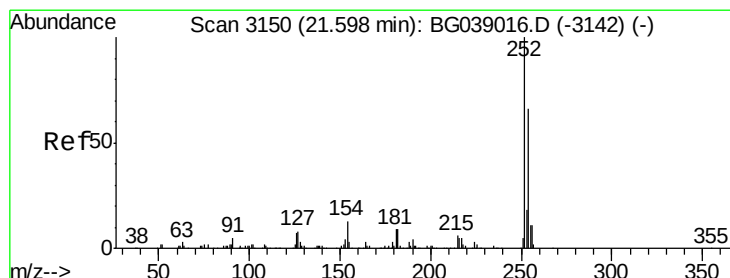
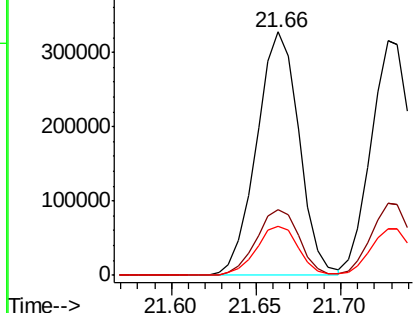
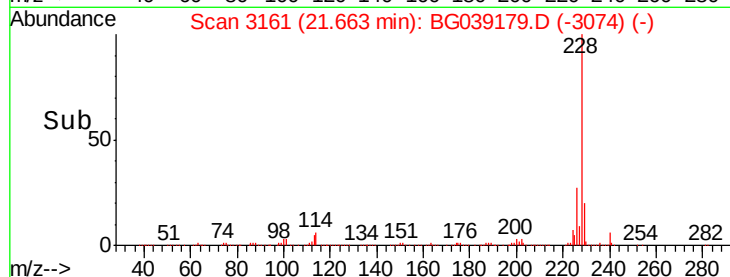
#81
Benzo(a)anthracene
Concen: 48.773 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tgt Ion: 228 Resp: 572412
Ion Ratio Lower Upper
228 100
226 27.1 22.4 33.6
229 20.1 16.2 24.2

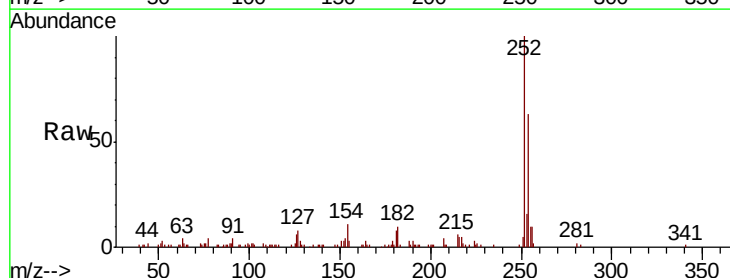


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

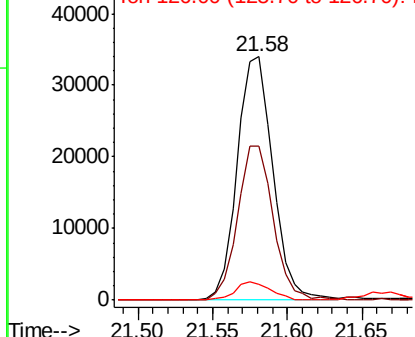
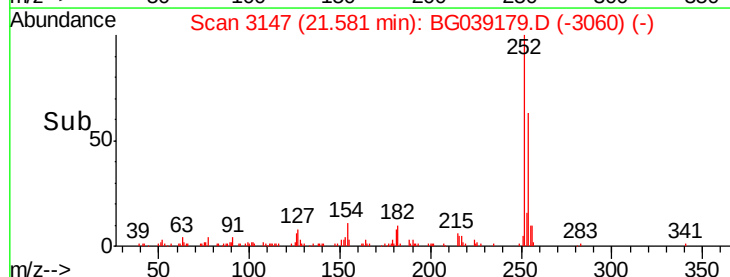


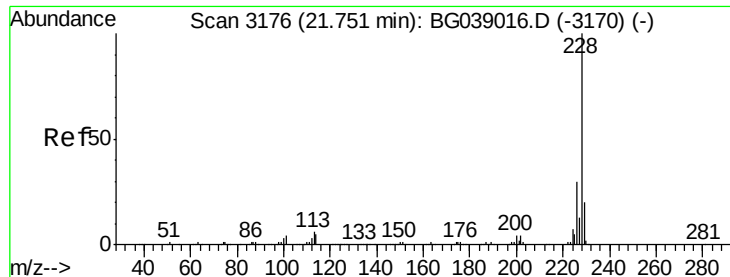
#82
3,3'-Dichlorobenzidine
Concen: 11.829 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion: 252 Resp: 56565
Ion Ratio Lower Upper
252 100
254 63.3 53.0 79.6
126 6.4 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.274 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

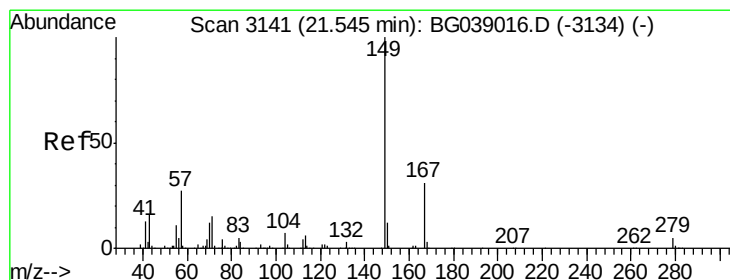
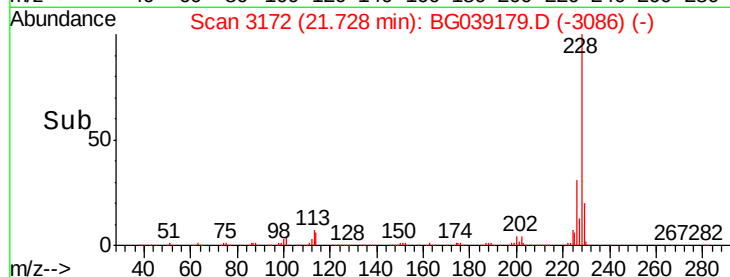
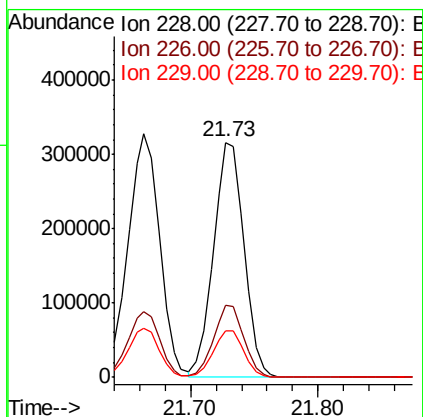
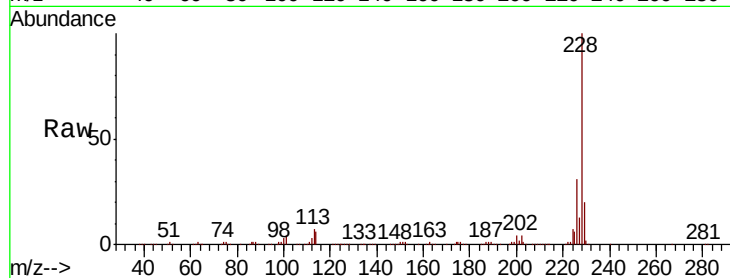
Tgt Ion:228 Resp: 527685

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.583 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

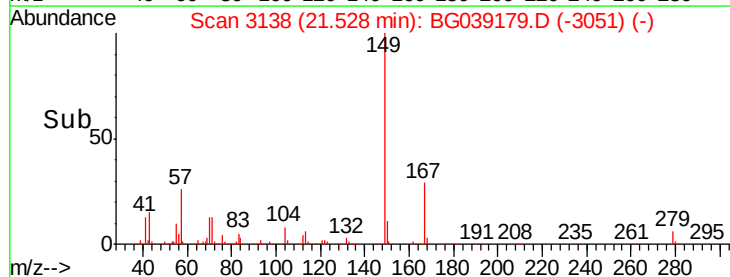
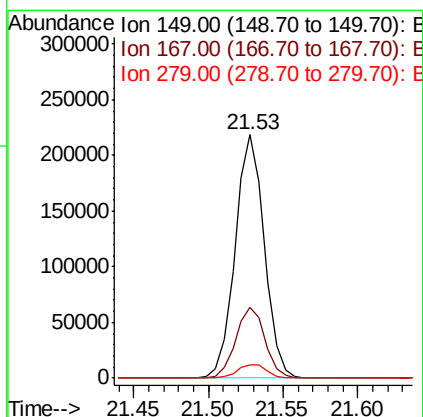
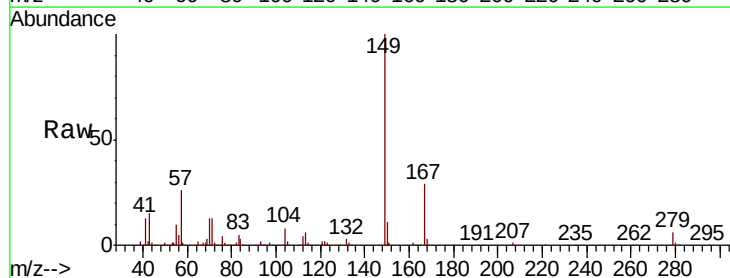
Tgt Ion:149 Resp: 295768

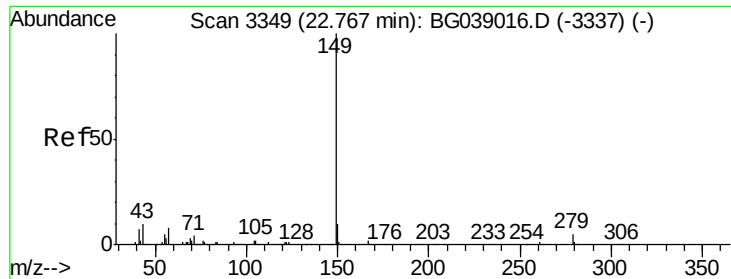
Ion Ratio Lower Upper

149 100

167 29.3 25.0 37.4

279 5.7 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 45.909 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

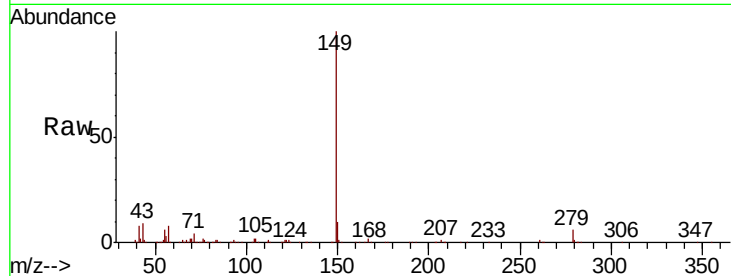
Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

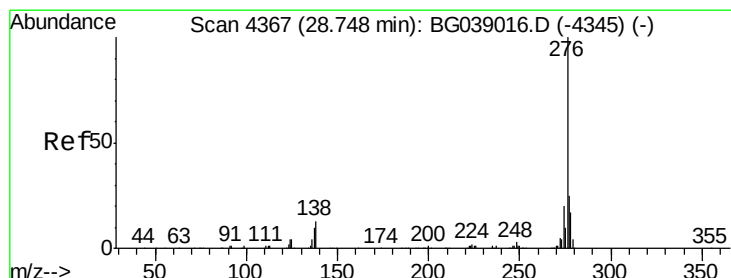
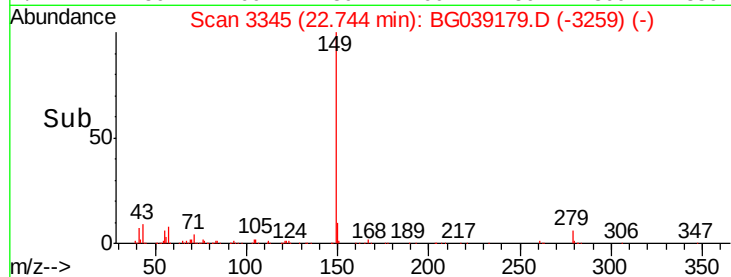
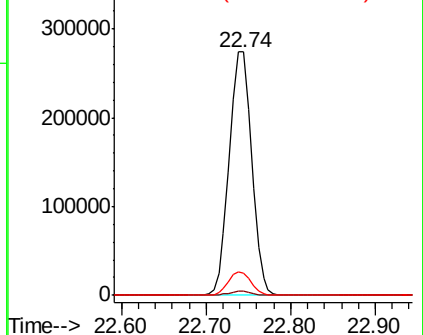
Tgt Ion:	149	Resp:	503700
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.8	7.5	11.3



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: 50.560 ng

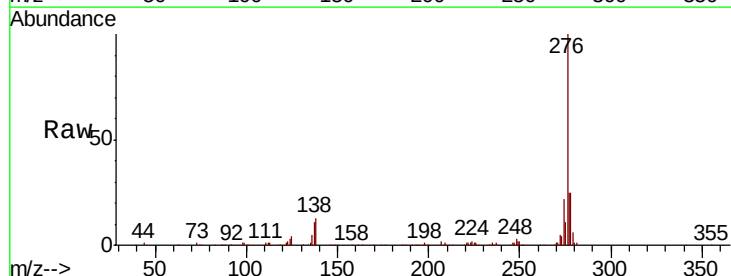
RT: 28.70 min Scan# 4359

Delta R.T. -0.05 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

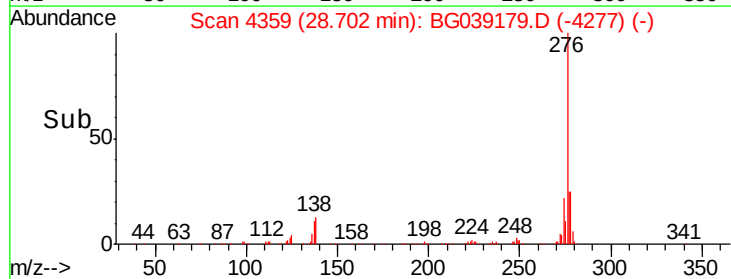
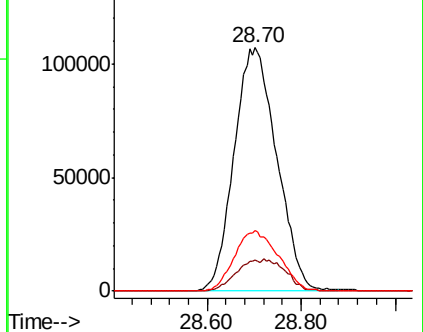
Tgt Ion:	276	Resp:	674365
Ion Ratio	Lower	Upper	
276	100		
138	7.5	8.0	12.0#
277	25.5	20.3	30.5

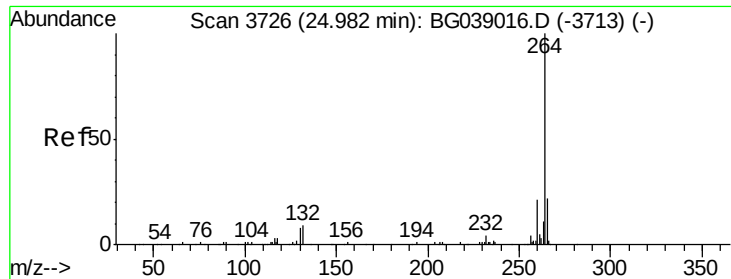


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.03 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

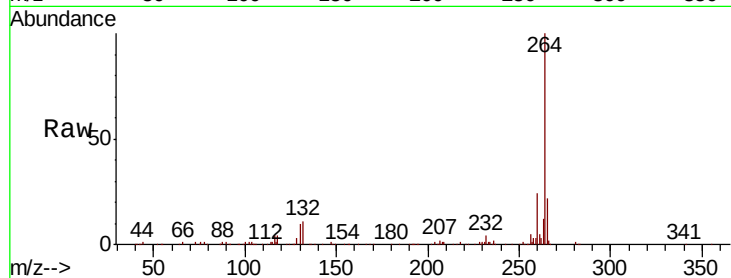
Tgt Ion:264 Resp: 252415

Ion Ratio Lower Upper

264 100

260 24.1 17.0 25.6

265 21.7 17.2 25.8

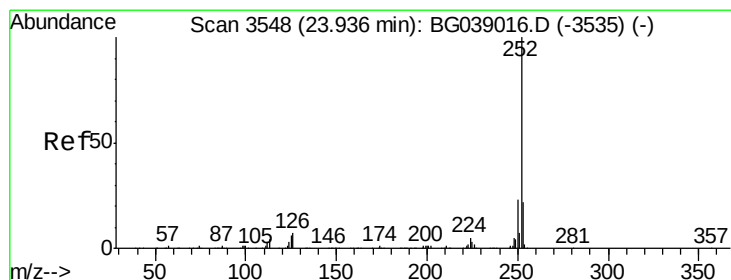
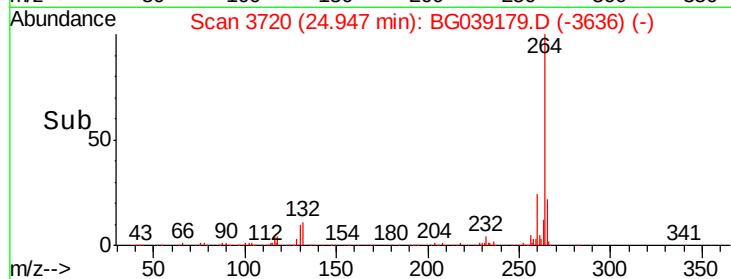
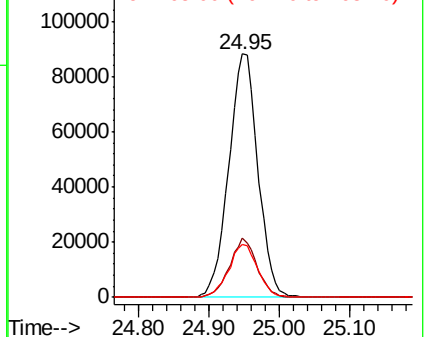


Abundance

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: 42.030 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.03 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

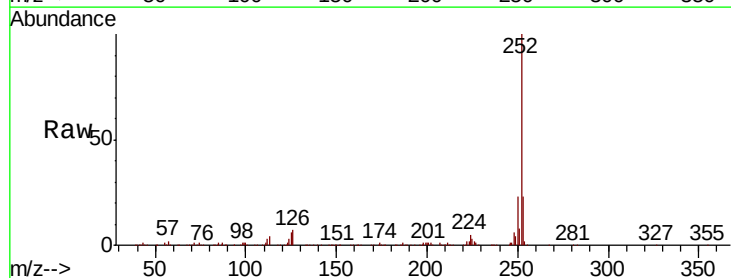
Tgt Ion:252 Resp: 584980

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 5.9 4.9 7.3

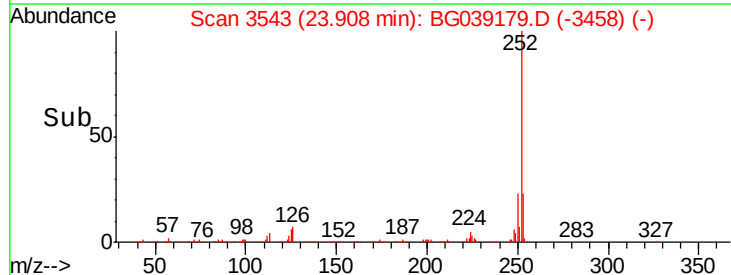
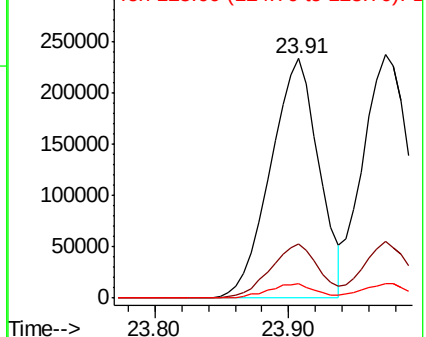


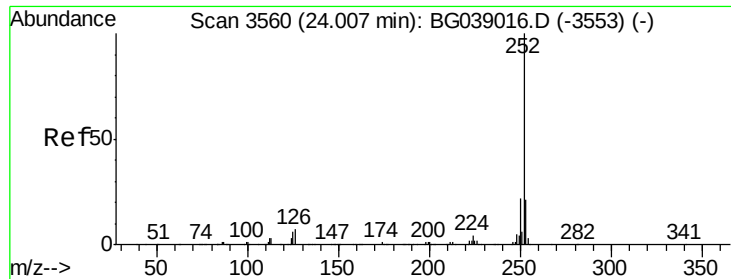
Abundance

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: 41.193 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.03 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

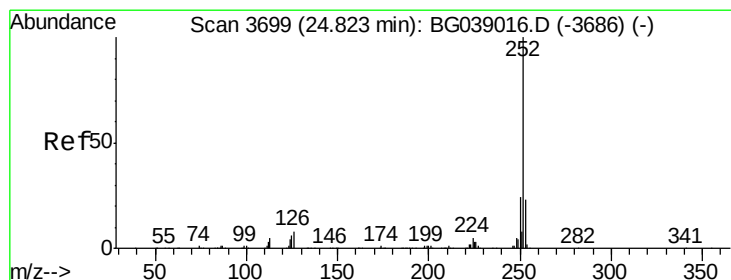
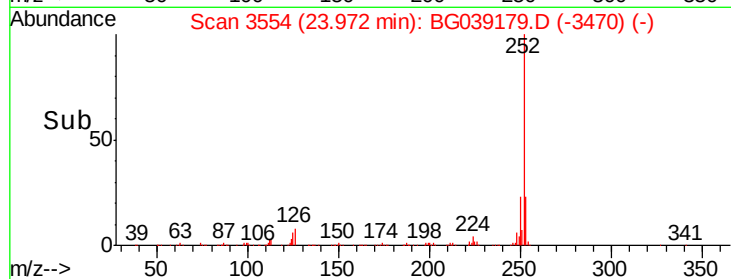
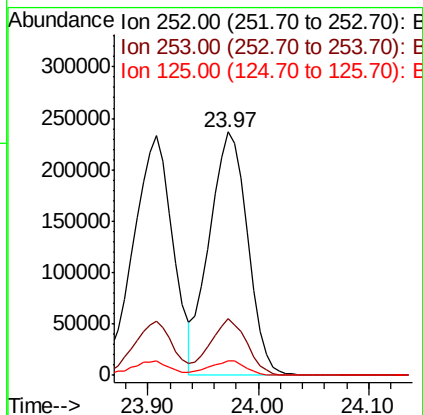
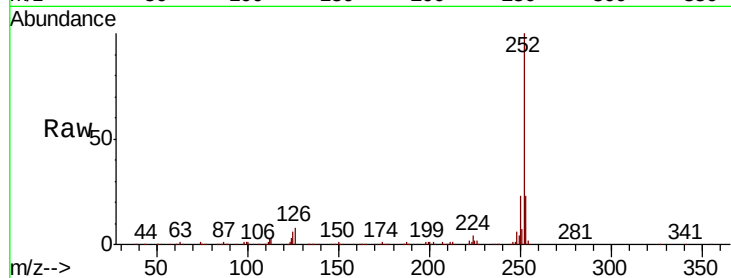
Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

Tgt Ion:	252	Resp:	566870
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	5.8	4.6	7.0



#90

Benzo(a)pyrene

Concen: 50.694 ng

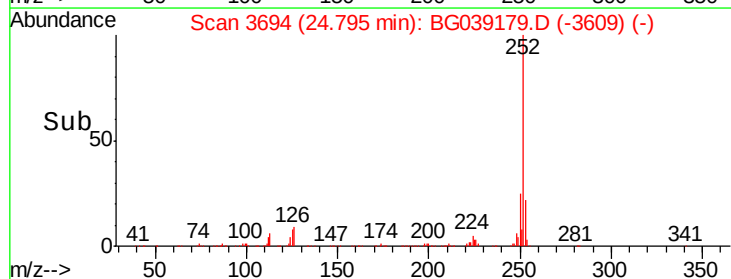
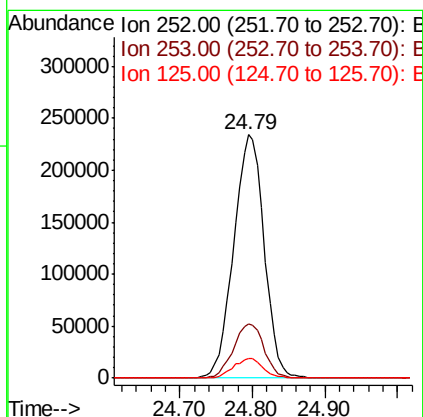
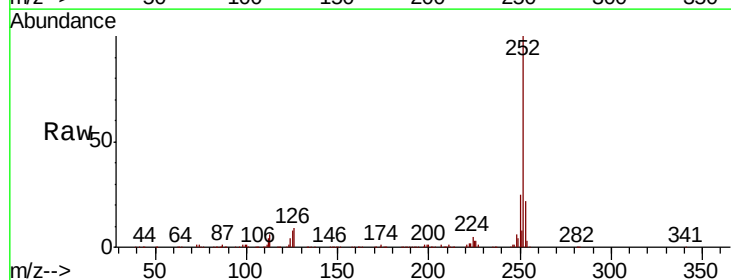
RT: 24.79 min Scan# 3694

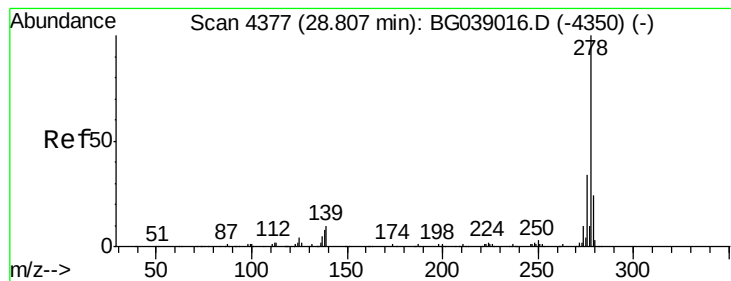
Delta R.T. -0.03 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	252	Resp:	681984
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	8.1	4.9	7.3#





#91

Dibenzo(a,h)anthracene

Concen: 41.660 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.05 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMSD

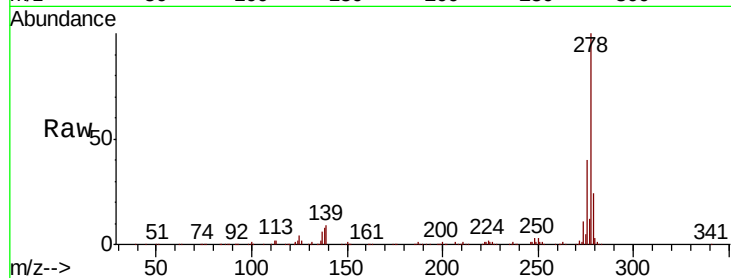
Tgt Ion:278 Resp: 557459

Ion Ratio Lower Upper

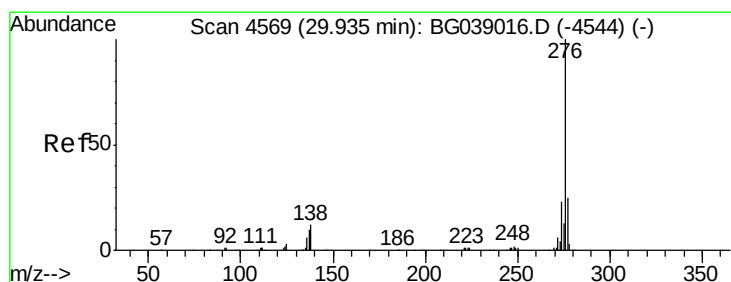
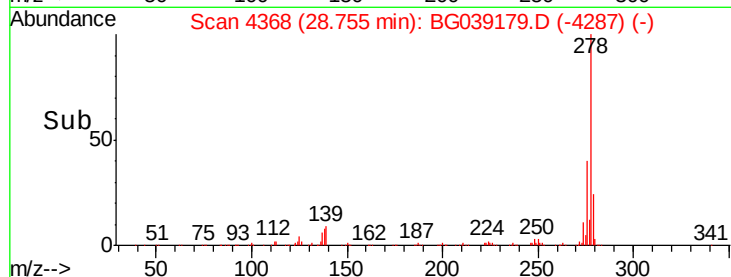
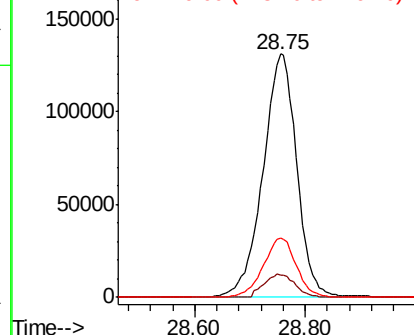
278 100

139 9.0 7.9 11.9

279 24.2 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: 41.293 ng

RT: 29.89 min Scan# 4561

Delta R.T. -0.05 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

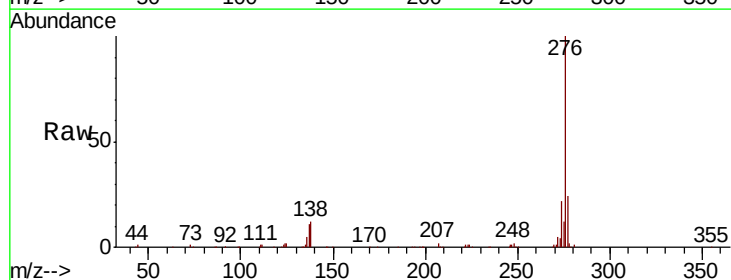
Tgt Ion:276 Resp: 547025

Ion Ratio Lower Upper

276 100

277 23.7 20.3 30.5

138 11.8 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

