

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
 Data File : BG039259.D
 Acq On : 23 Jan 2019 11:58
 Operator : JU/SJ
 Sample : PB116551BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 23 12:37:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	16968	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	72313	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	47013	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	129883	20.00	ng	0.00
76) Chrysene-d12	21.67	240	130761	20.00	ng	-0.01
87) Perylene-d12	24.92	264	142165	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	134193	150.02	ng	0.00
7) Phenol-d6	7.17	99	176224	136.90	ng	0.00
23) Nitrobenzene-d5	9.18	82	98405	74.46	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	102961	130.65	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	294381	85.70	ng	0.00
79) Terphenyl-d14	20.00	244	566520	80.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	16104	45.975	ng	95
3) Pyridine	3.84	79	30376	31.915	ng	100
4) n-Nitrosodimethylamine	3.77	42	19867	46.386	ng	86
6) Aniline	7.33	93	46265	29.926	ng	98
8) 2-Chlorophenol	7.57	128	45145	42.816	ng	97
9) Benzaldehyde	7.15	77	11472	15.453	ng	93
10) Phenol	7.20	94	59029	45.738	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	36920	37.430	ng	97
12) 1,3-Dichlorobenzene	7.89	146	44075	34.889	ng	98
13) 1,4-Dichlorobenzene	8.04	146	49481	38.674	ng	99
14) 1,2-Dichlorobenzene	8.36	146	45175	37.032	ng	96
15) Benzyl Alcohol	8.25	79	39571	40.820	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	72969	38.579	ng	98
17) 2-Methylphenol	8.45	107	37524	41.873	ng	95
18) Hexachloroethane	9.08	117	16160	37.178	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	30350	35.904	ng	# 92
20) 3+4-Methylphenols	8.78	107	53160	41.607	ng	98
22) Acetophenone	8.84	105	64205	33.999	ng	98
24) Nitrobenzene	9.23	77	48457	36.277	ng	97
25) Isophorone	9.74	82	88015	38.664	ng	99
26) 2-Nitrophenol	9.94	139	25777	35.677	ng	94
27) 2,4-Dimethylphenol	9.99	122	43792	43.082	ng	89
28) bis(2-Chloroethoxy)methane	10.22	93	71612	52.344	ng	97
29) 2,4-Dichlorophenol	10.47	162	58119	46.024	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	59958	39.517	ng	99
31) Naphthalene	10.87	128	156975	43.282	ng	98
32) Benzoic acid	10.16	122	18414	33.105	ng	95
33) 4-Chloroaniline	10.99	127	39663	24.440	ng	98
34) Hexachlorobutadiene	11.13	225	38324	36.708	ng	96
35) Caprolactam	11.78	113	10023	19.794	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	59376	43.962	ng	95
37) 2-Methylnaphthalene	12.47	142	111690	41.075	ng	98
38) 1-Methylnaphthalene	12.70	142	101326	38.823	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	69191	39.188	ng	98

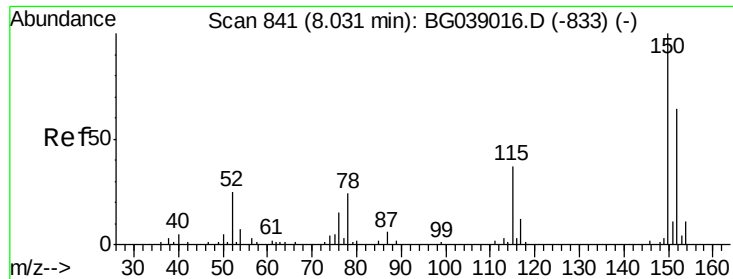
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
 Data File : BG039259.D
 Acq On : 23 Jan 2019 11:58
 Operator : JU/SJ
 Sample : PB116551BSD
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Instrument :
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Quant Time: Jan 23 12:37:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	75301	76.031	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	56794	51.109	ng	97
44) 2,4,5-Trichlorophenol	13.16	196	57268	48.760	ng	98
46) 1,1'-Biphenyl	13.48	154	157045	42.157	ng	99
47) 2-Chloronaphthalene	13.53	162	124211	41.204	ng	99
48) 2-Nitroaniline	13.74	65	37840	44.806	ng	97
49) Acenaphthylene	14.38	152	196195	43.300	ng	98
50) Dimethylphthalate	14.10	163	161113	40.554	ng	99
51) 2,6-Dinitrotoluene	14.24	165	36775	41.403	ng	100
52) Acenaphthene	14.71	154	114980	42.236	ng	97
53) 3-Nitroaniline	14.57	138	27469	30.486	ng	97
54) 2,4-Dinitrophenol	14.78	184	37566	71.364	ng	97
55) Dibenzofuran	15.05	168	196701	40.911	ng	99
56) 4-Nitrophenol	14.88	139	55402	85.454	ng	99
57) 2,4-Dinitrotoluene	15.02	165	53148	41.707	ng	95
58) Fluorene	15.69	166	154607	42.720	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	47800	43.115	ng	100
60) Diethylphthalate	15.45	149	170791	41.725	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	87675	38.453	ng	99
62) 4-Nitroaniline	15.74	138	37571	40.026	ng	96
63) Azobenzene	15.98	77	131610	41.115	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	33648	34.968	ng	94
66) n-Nitrosodiphenylamine	15.90	169	143071	37.158	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	62090	37.189	ng	95
68) Hexachlorobenzene	16.69	284	65599	36.007	ng	98
69) Atrazine	16.85	200	61232	37.435	ng	98
70) Pentachlorophenol	17.05	266	63229	57.900	ng	98
71) Phenanthrene	17.44	178	288929	42.086	ng	100
72) Anthracene	17.53	178	289054	42.584	ng	99
73) Carbazole	17.81	167	245938	36.703	ng	99
74) Di-n-butylphthalate	18.34	149	309374	41.502	ng	99
75) Fluoranthene	19.45	202	365926	42.996	ng	100
77) Benzidine	19.64	184	125393	31.352	ng	100
78) Pyrene	19.81	202	361423	43.371	ng	100
80) Butylbenzylphthalate	20.68	149	135741	42.828	ng	97
81) Benzo(a)anthracene	21.65	228	339473	42.647	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	88520	27.293	ng	99
83) Chrysene	21.72	228	317262	41.906	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	178680	40.602	ng	98
85) Di-n-octyl phthalate	22.73	149	326773	43.913	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	464216	51.316	ng	# 98
88) Benzo(b)fluoranthene	23.88	252	389001	49.624	ng	99
89) Benzo(k)fluoranthene	23.95	252	357350	46.106	ng	99
90) Benzo(a)pyrene	24.77	252	349906	46.180	ng	99
91) Dibenzo(a,h)anthracene	28.72	278	384433	51.009	ng	98
92) Benzo(g,h,i)perylene	29.85	276	382967	51.328	ng	# 94

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

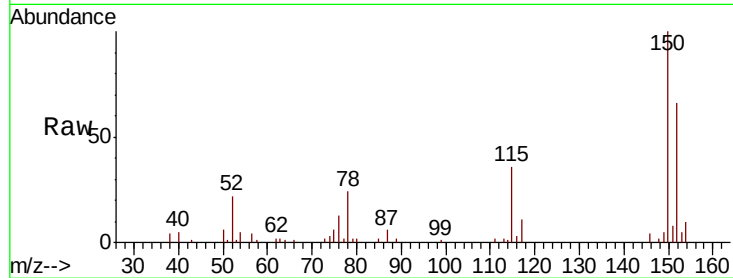


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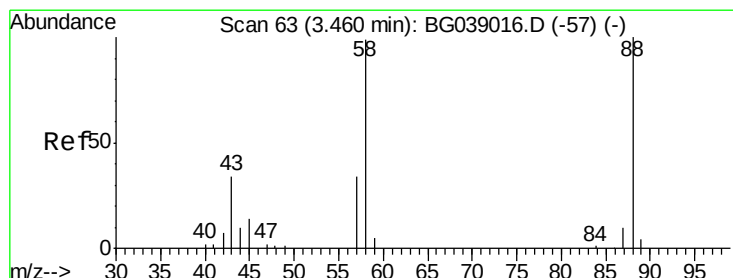
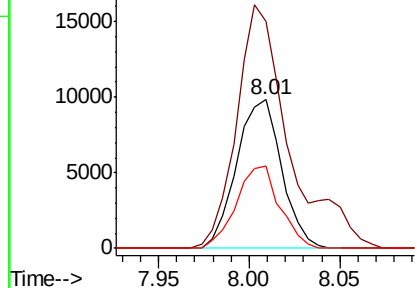
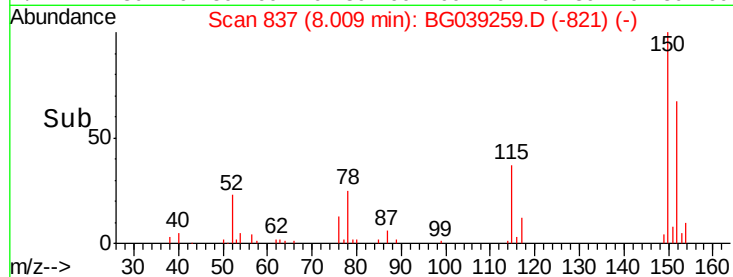
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 16968
Ion Ratio Lower Upper
152 100
150 152.5 124.7 187.1
115 55.2 46.5 69.7



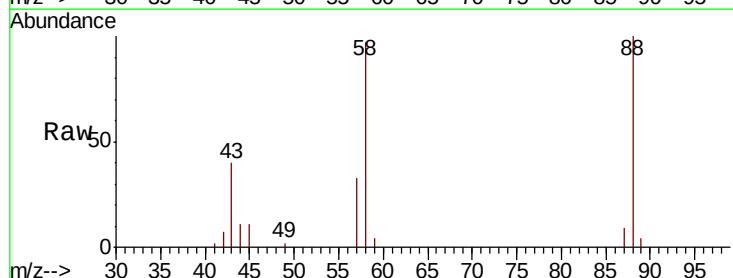
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



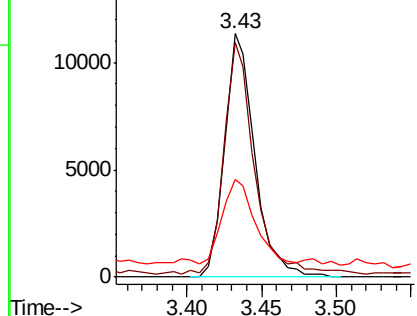
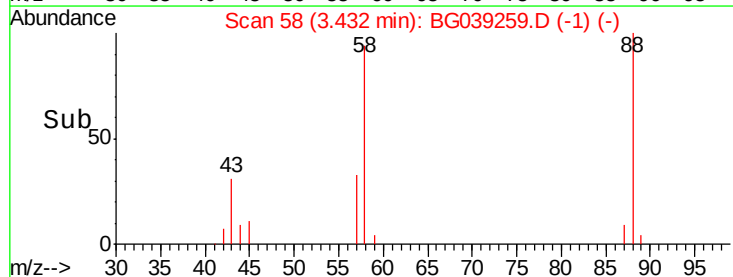
#2

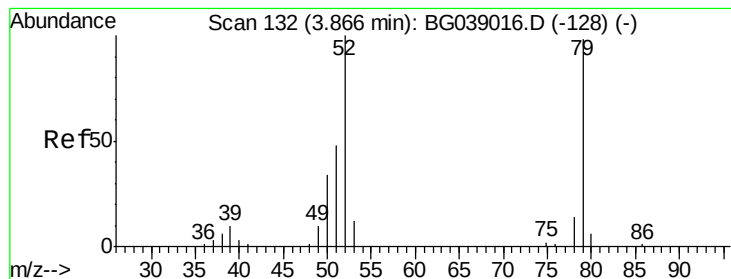
1,4-Dioxane
Concen: 45.975 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 88 Resp: 16104
Ion Ratio Lower Upper
88 100
58 95.4 72.4 108.6
43 37.2 27.6 41.4



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





#3

Pvridine

Concen: 31.915 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

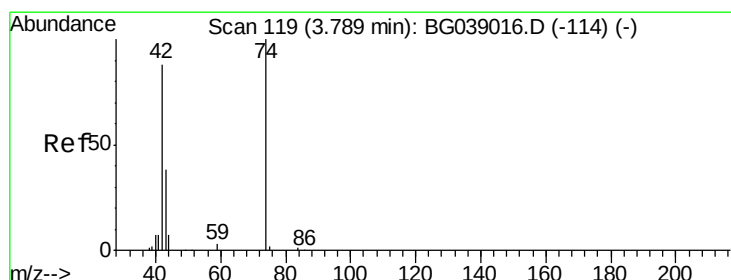
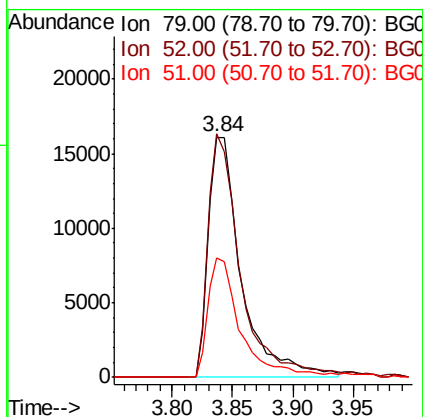
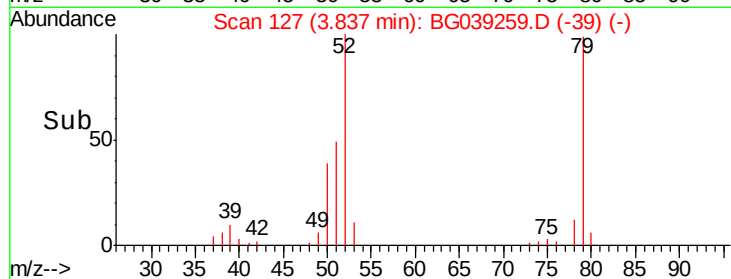
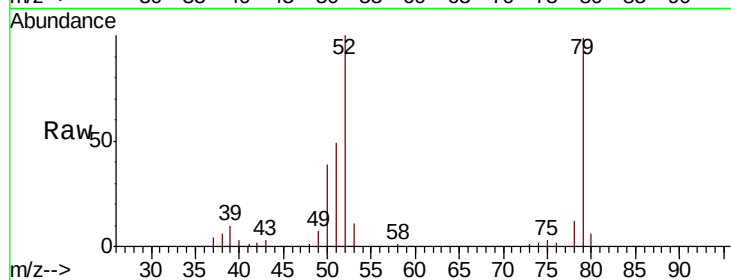
Tot Ion: 79 Resp: 30376

Ion Ratio Lower Upper

79 100

52 101.5 81.5 122.3

51 50.0 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 46.386 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

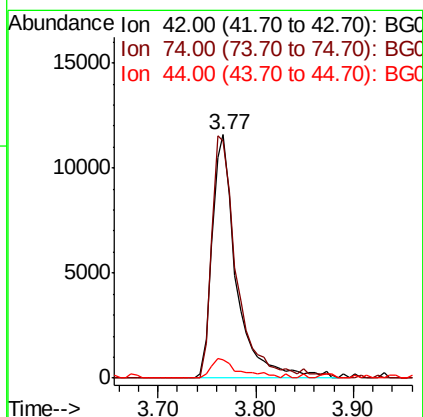
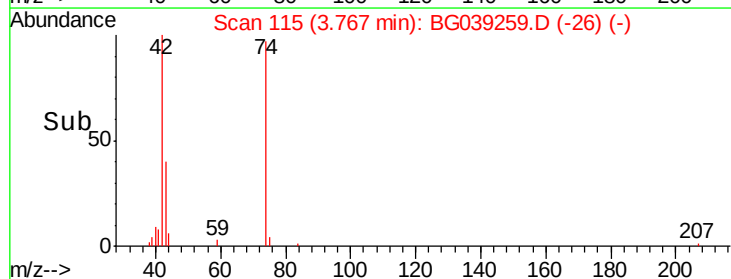
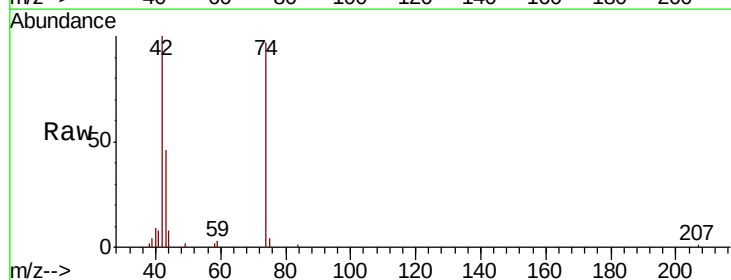
Tgt Ion: 42 Resp: 19867

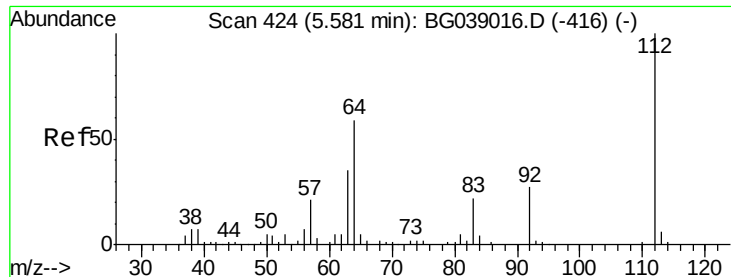
Ion Ratio Lower Upper

42 100

74 97.4 90.7 136.1

44 7.6 6.5 9.7





#5

2-Fluorophenol

Concen: 150.025 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

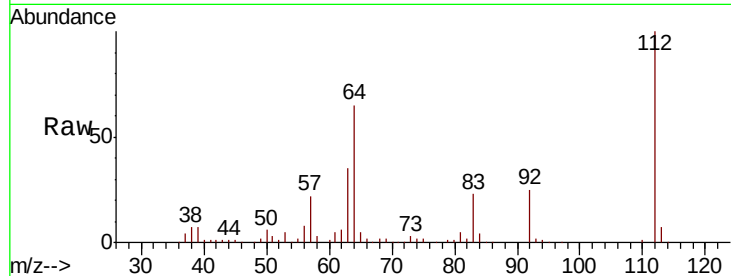
Tot Ion: 112 Resp: 134193

Ion Ratio Lower Upper

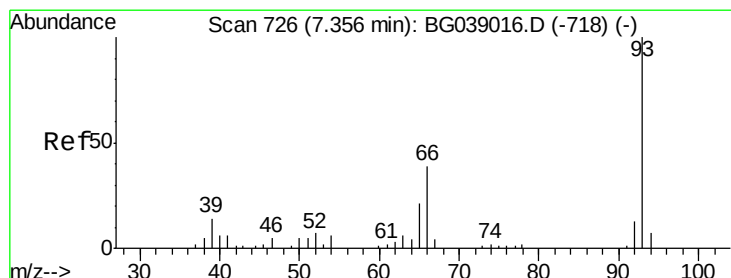
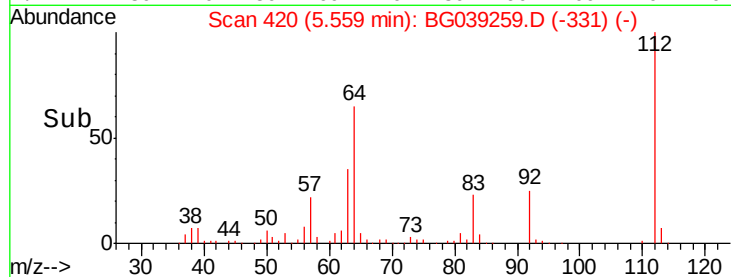
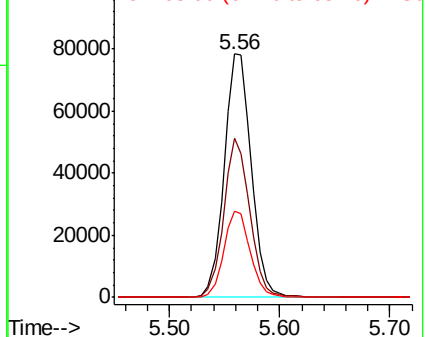
112 100

64 65.3 47.0 70.6

63 35.2 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: 29.926 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

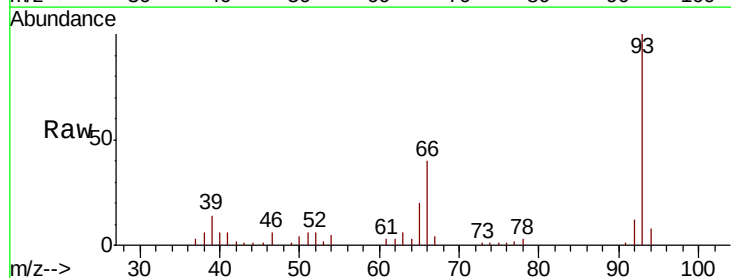
Tgt Ion: 93 Resp: 46265

Ion Ratio Lower Upper

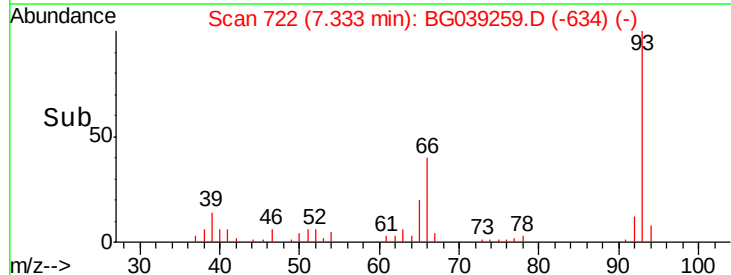
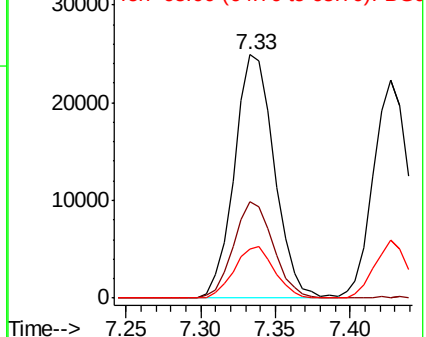
93 100

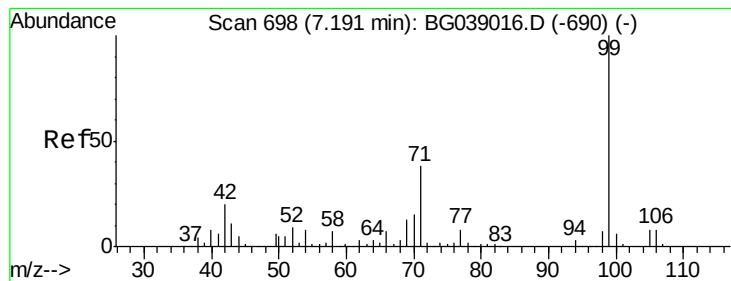
66 39.6 30.9 46.3

65 20.2 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: 136.898 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampled :

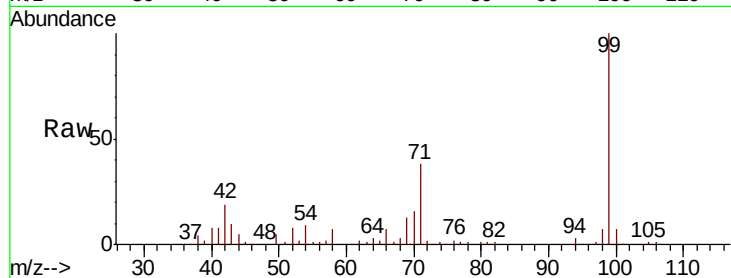
Tot Ion: 99 Resp: 176224

Ion Ratio Lower Upper

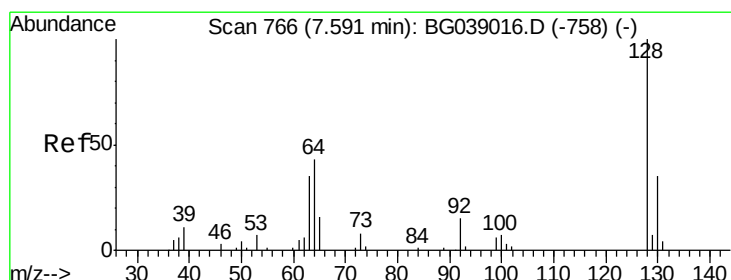
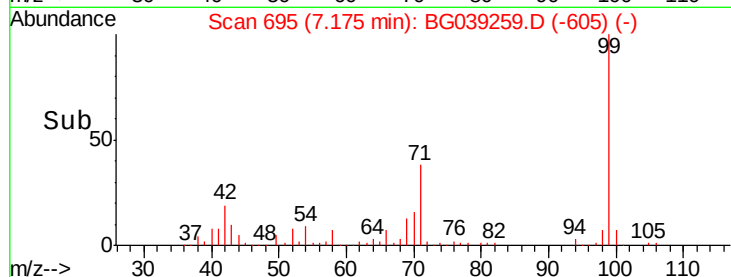
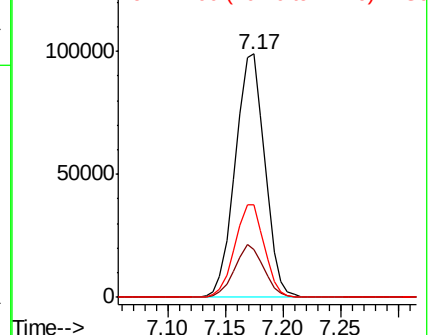
99 100

42 19.4 15.8 23.6

71 38.2 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: 42.816 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

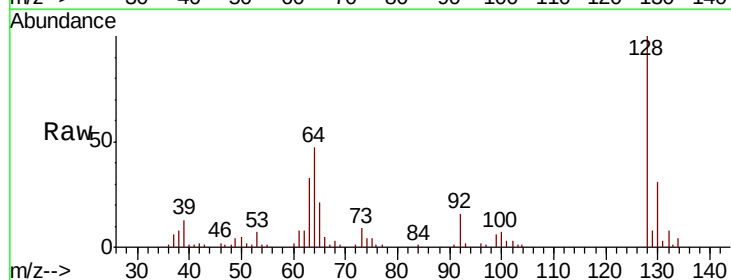
Tgt Ion:128 Resp: 45145

Ion Ratio Lower Upper

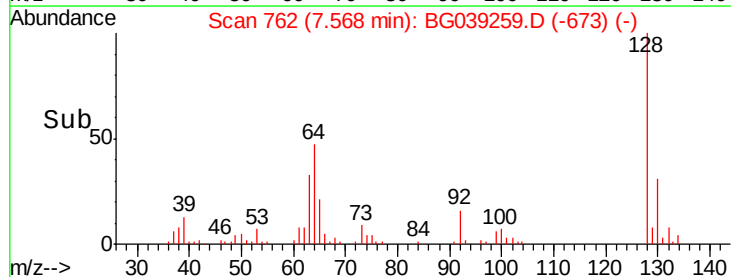
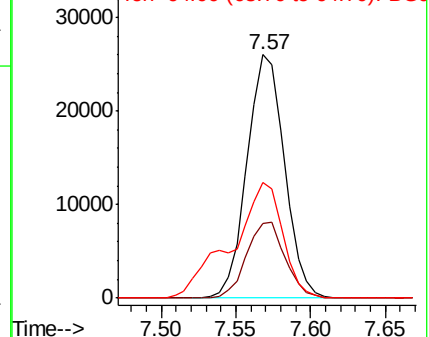
128 100

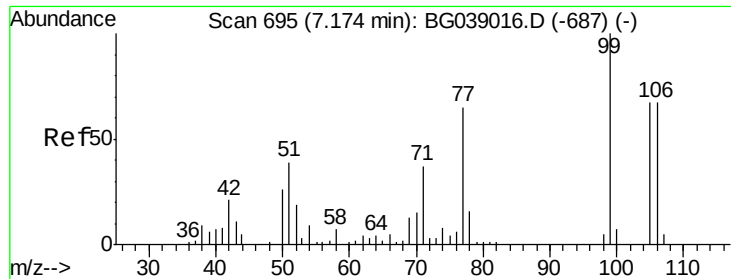
130 30.7 14.5 54.5

64 47.5 27.3 67.3



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





#9

Benzaldehyde

Concen: 15.453 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

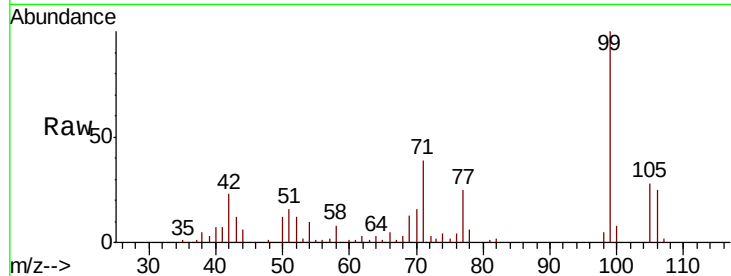
Tot Ion: 77 Resp: 11472

Ion Ratio Lower Upper

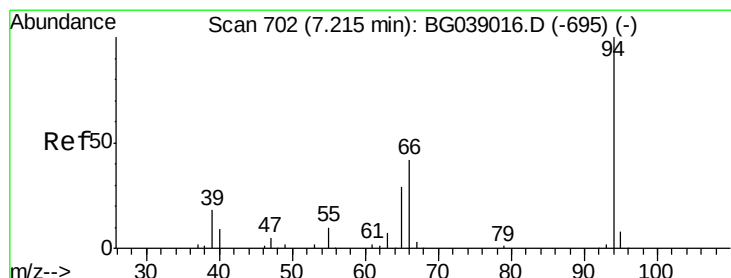
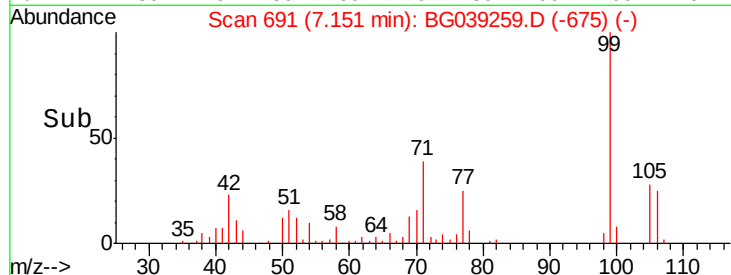
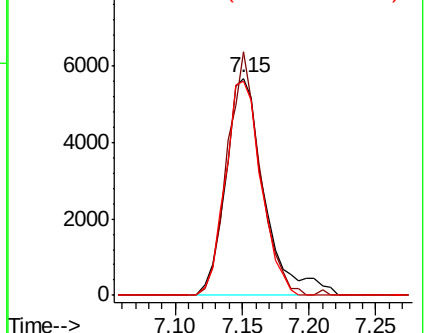
77 100

105 112.0 82.4 122.4

106 98.8 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: 45.738 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

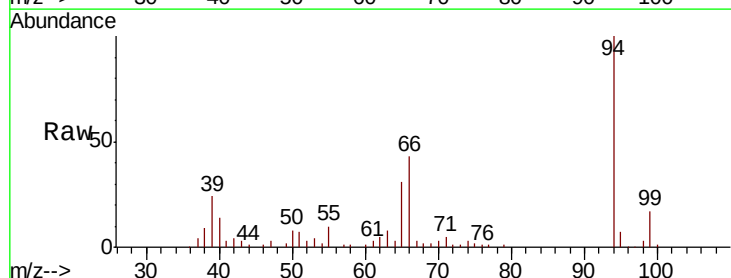
Tgt Ion: 94 Resp: 59029

Ion Ratio Lower Upper

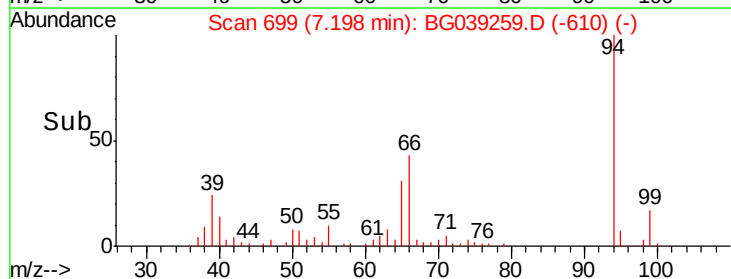
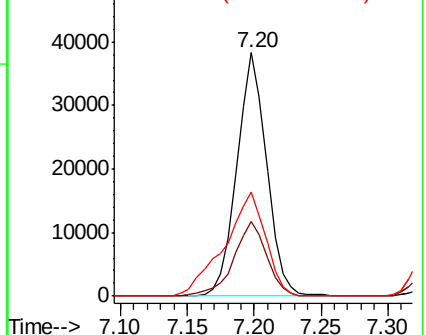
94 100

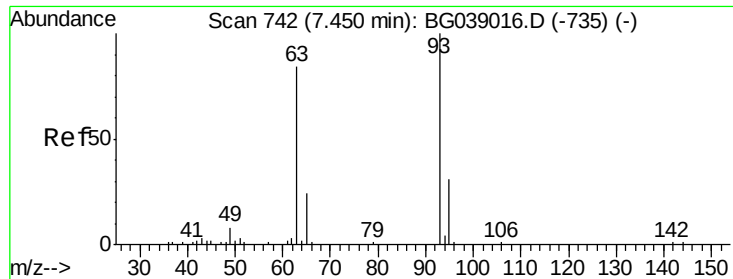
65 30.9 10.3 50.3

66 42.6 25.1 65.1



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

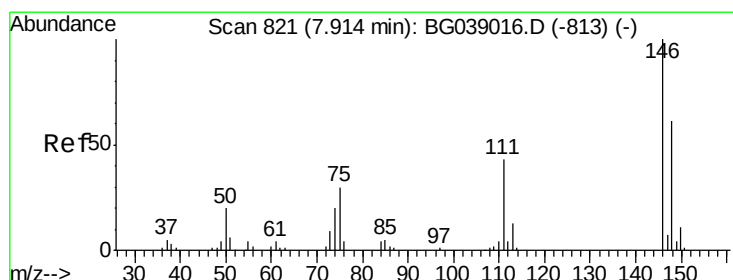
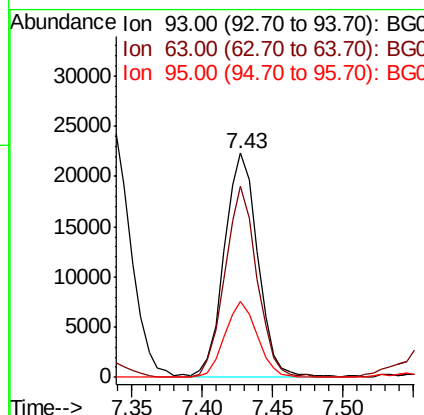
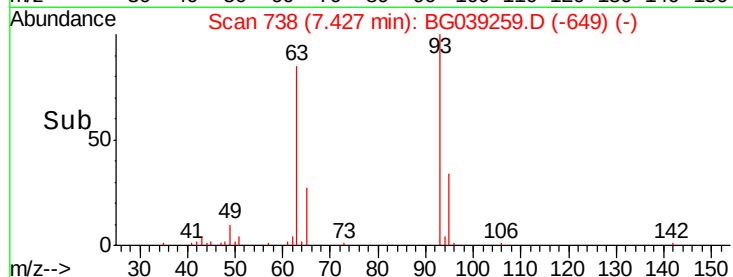
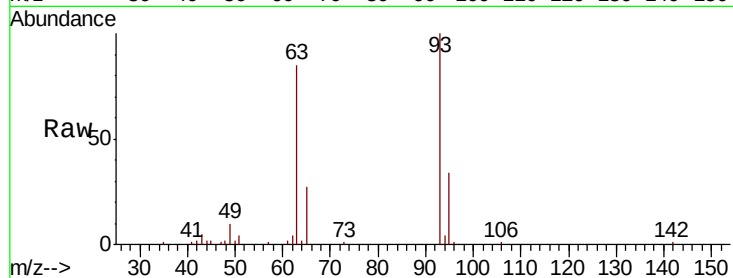




#11
 bis(2-Chloroethyl)ether
 Concen: 37.430 ng
 RT: 7.43 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

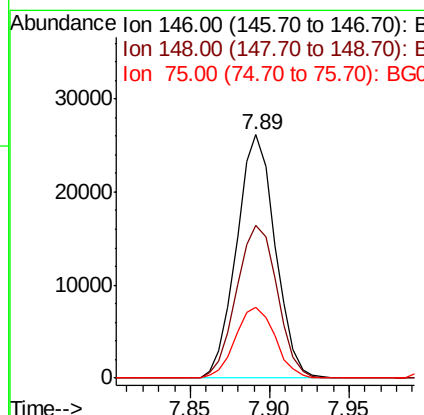
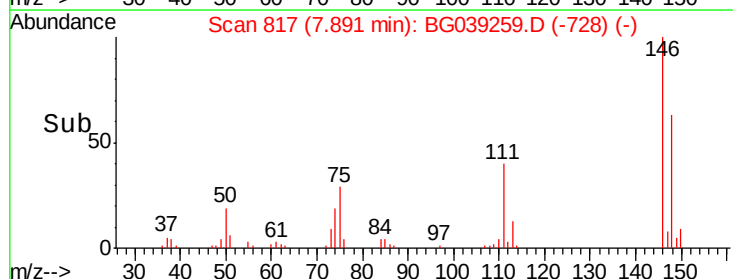
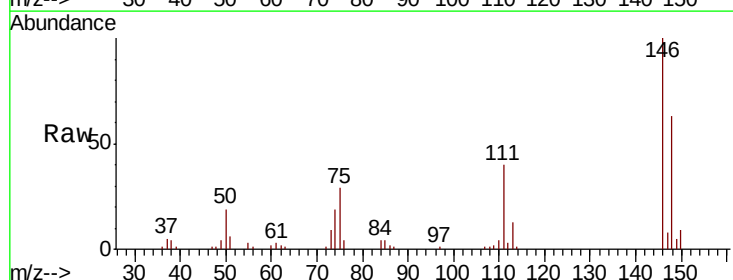
Instrument :
 BNA_G
 ClientSampleId :

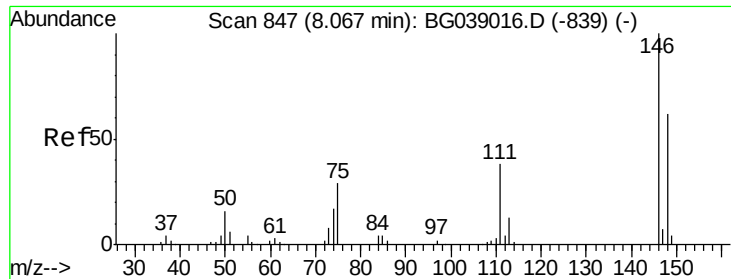
Tot Ion: 93 Resp: 36920
 Ion Ratio Lower Upper
 93 100
 63 85.5 63.2 103.2
 95 34.1 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 34.889 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 146 Resp: 44075
 Ion Ratio Lower Upper
 146 100
 148 62.9 49.1 73.7
 75 28.9 23.9 35.9

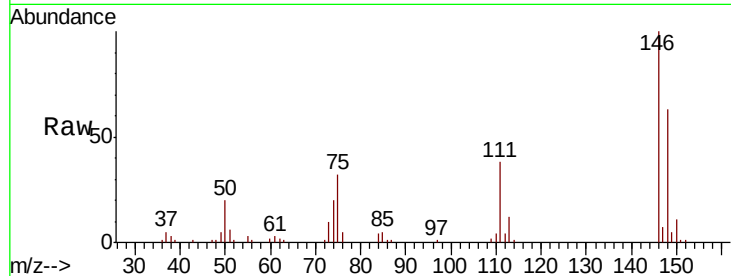




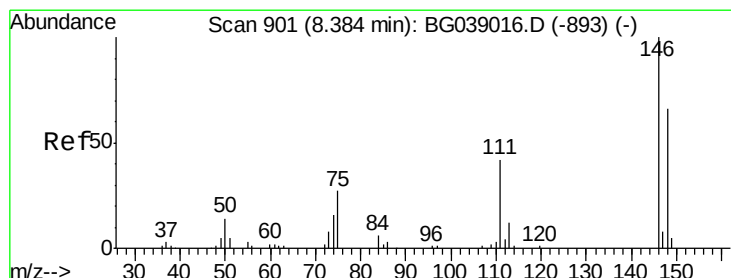
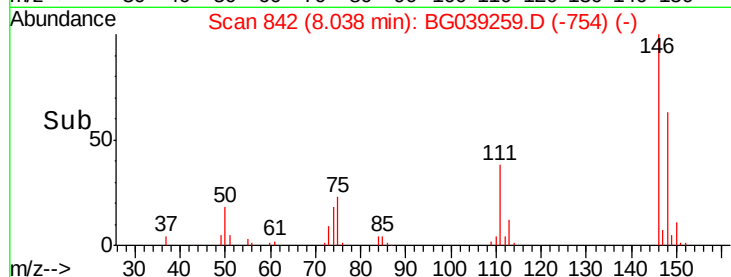
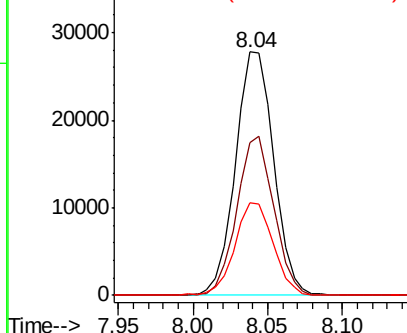
#13
 1,4-Dichlorobenzene
 Concen: 38.674 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.8	74.6
111	37.9	30.6	45.8

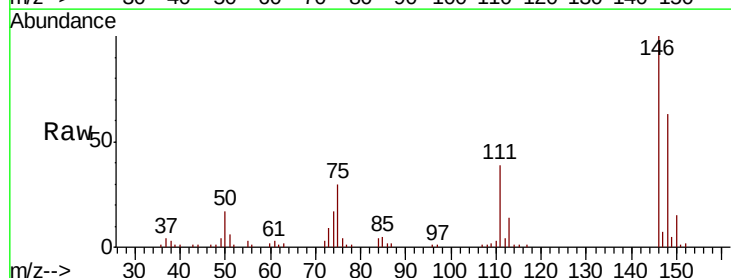


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

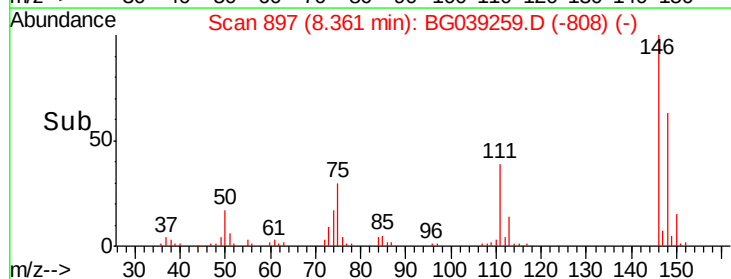
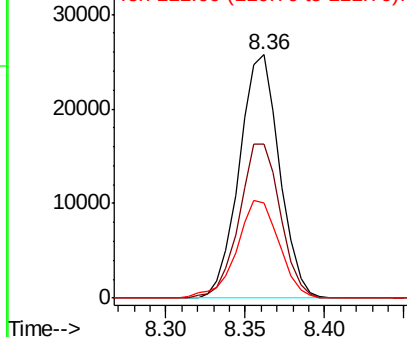


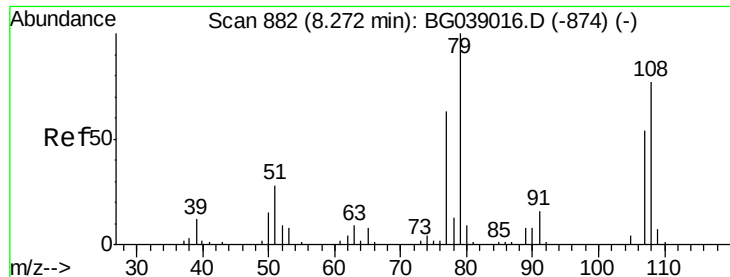
#14
 1,2-Dichlorobenzene
 Concen: 37.032 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	79.0
111	39.2	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

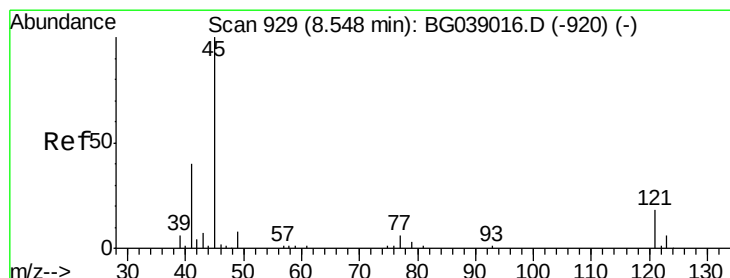
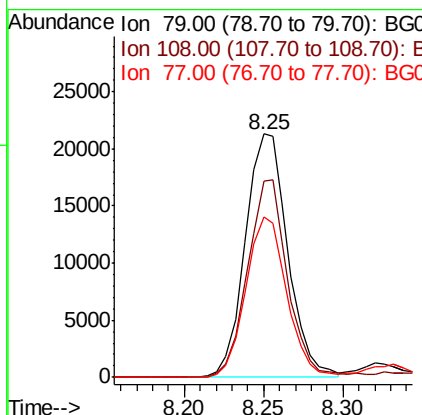
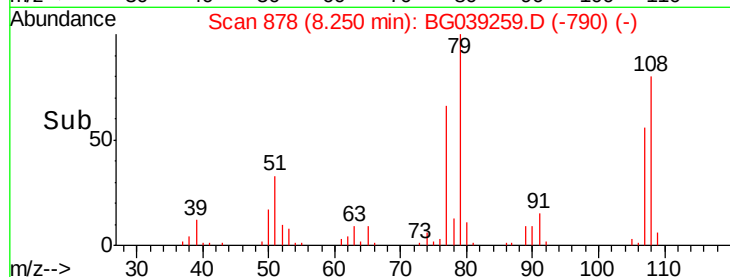
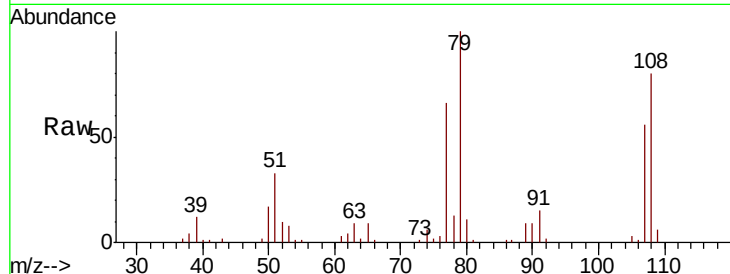




#15
Benzyl Alcohol
Concen: 40.820 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

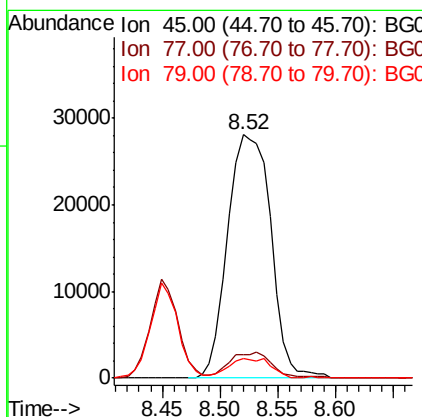
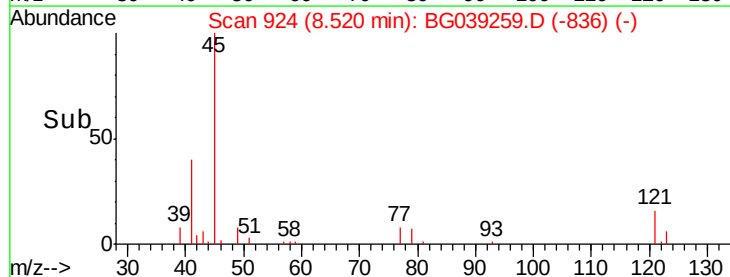
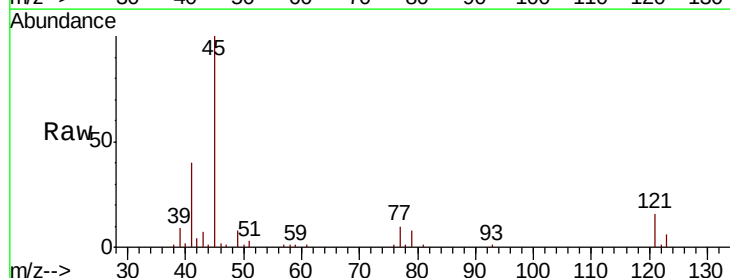
Instrument :
BNA_G
ClientSampled :

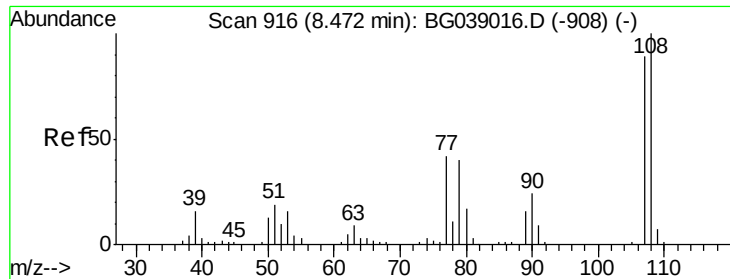
Tot Ion: 79 Resp: 39571
Ion Ratio Lower Upper
79 100
108 80.4 62.0 93.0
77 65.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.579 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 45 Resp: 72969
Ion Ratio Lower Upper
45 100
77 9.8 0.0 30.7
79 7.9 0.0 28.5

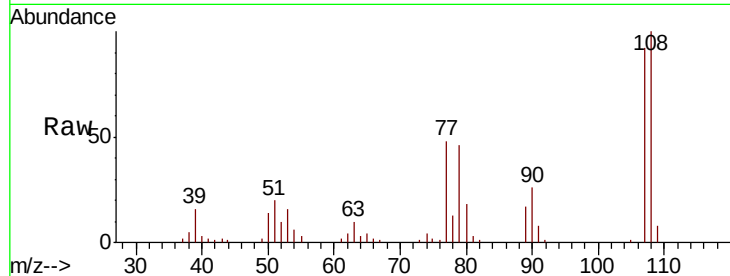




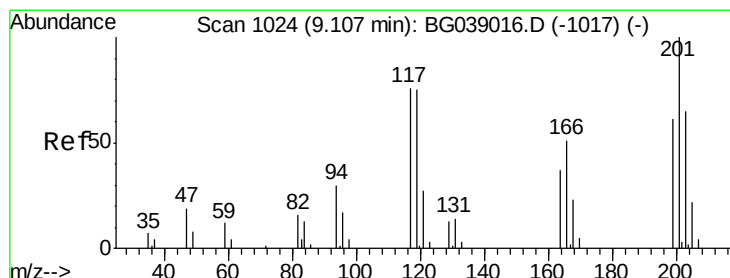
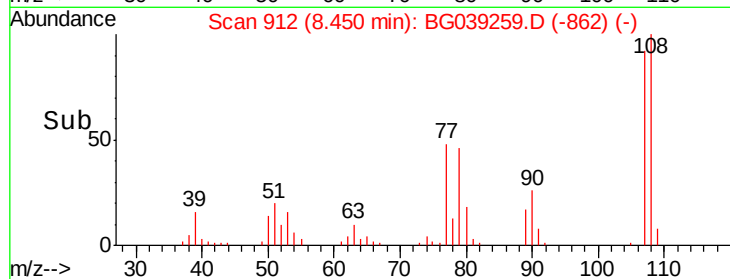
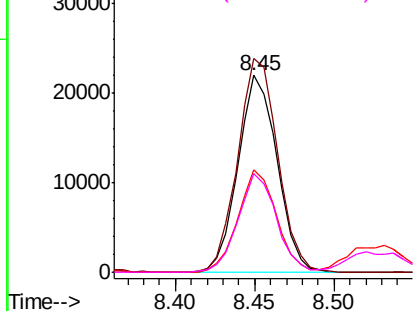
#17
2-Methylphenol
Concen: 41.873 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 37524
Ion Ratio Lower Upper
107 100
108 108.6 90.3 135.5
77 52.0 38.3 57.5
79 50.3 35.8 53.6

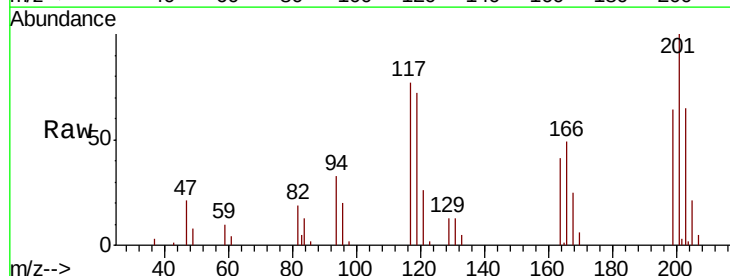


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

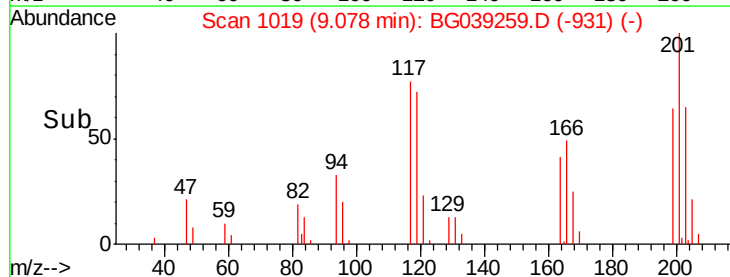
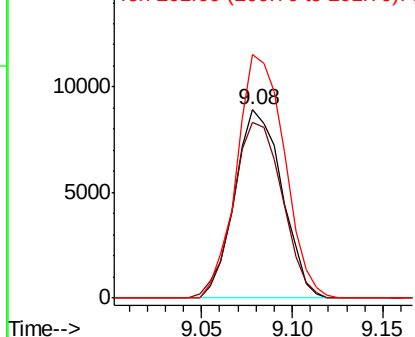


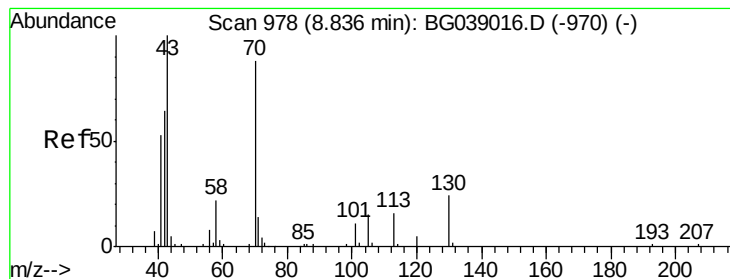
#18
Hexachloroethane
Concen: 37.178 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:117 Resp: 16160
Ion Ratio Lower Upper
117 100
119 93.0 78.7 118.1
201 132.7 108.1 162.1



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: 35.904 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG039259.D

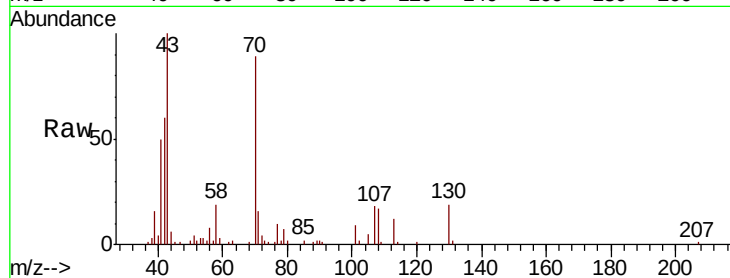
Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	30350
Ion	Ratio	Lower	Upper
70	100		
42	67.7	59.0	88.4
101	10.5	10.4	15.6
130	21.5	21.6	32.4#



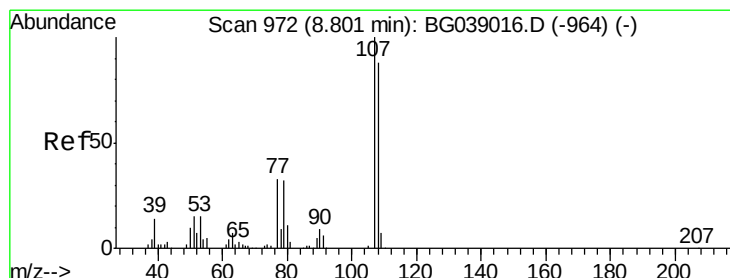
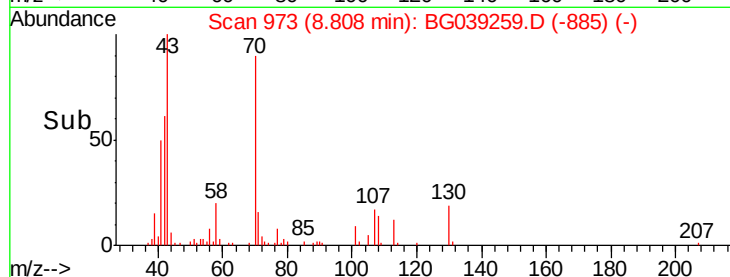
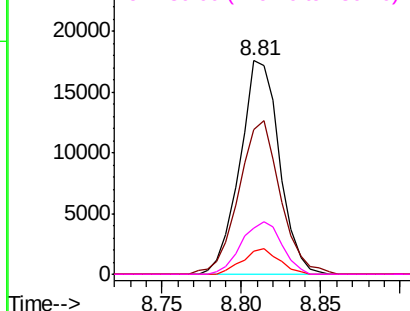
Abundance

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: 41.607 ng

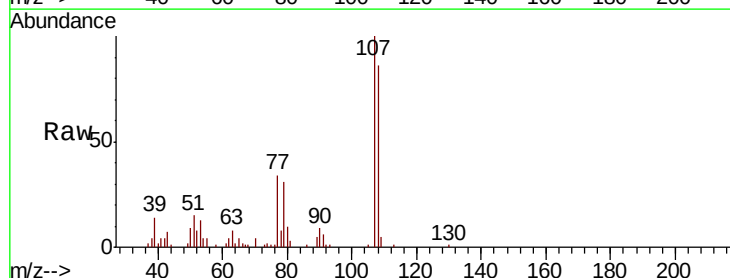
RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	107	Resp:	53160
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.4	108.4
77	33.9	13.3	53.3
79	30.7	11.6	51.6



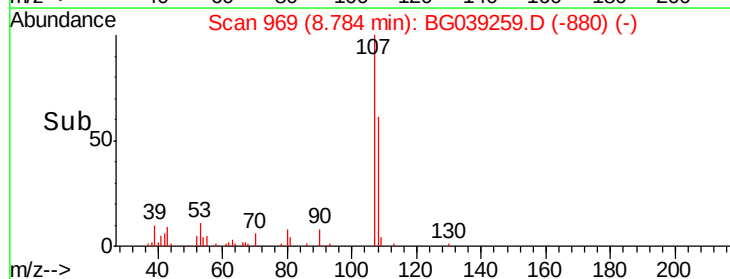
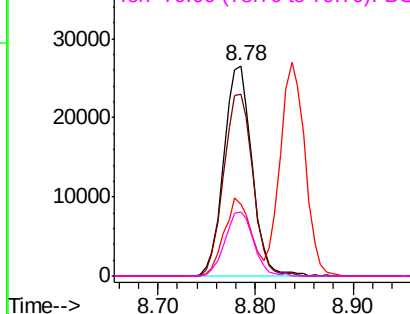
Abundance

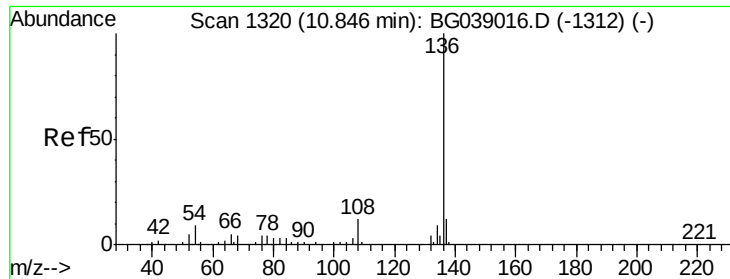
Ion 107.00 (106.70 to 107.70): BGC

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

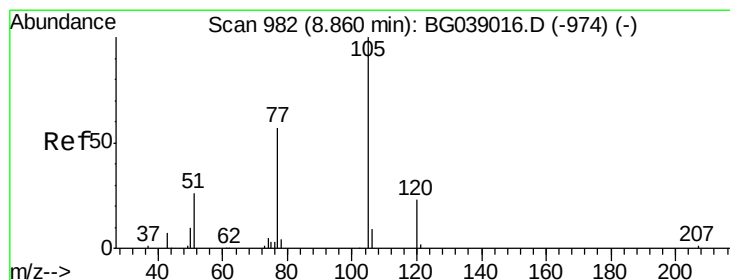
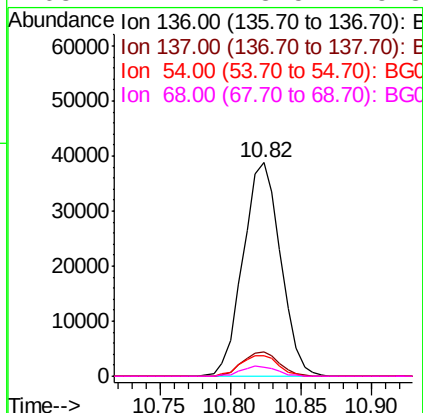
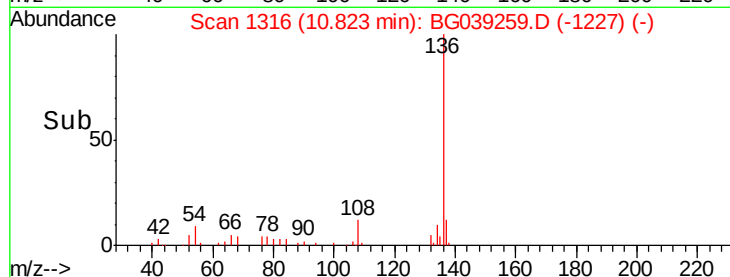
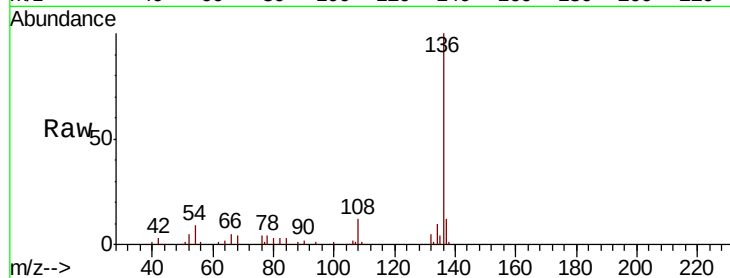




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

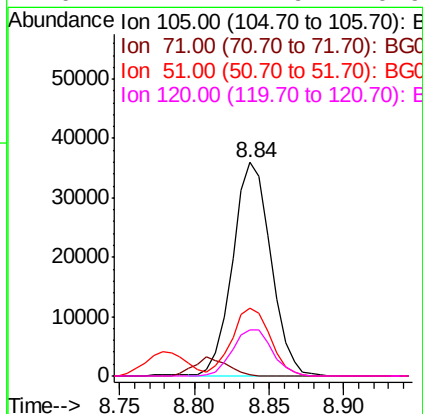
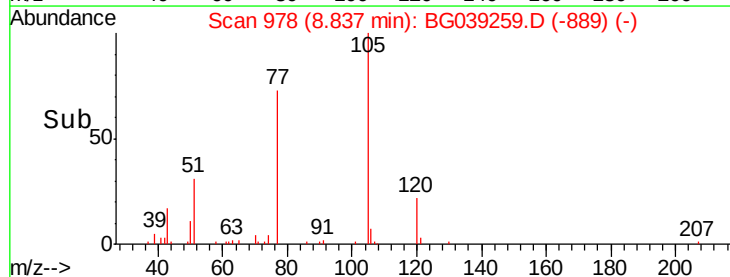
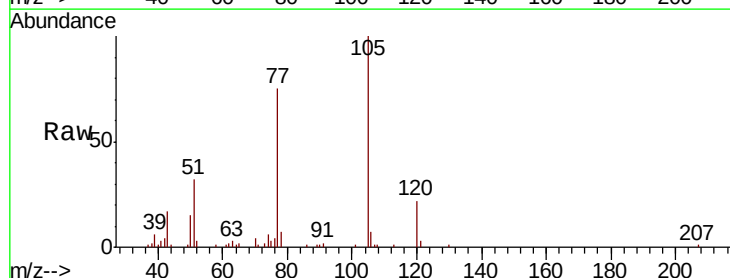
Instrument :
BNA_G
ClientSampleId :

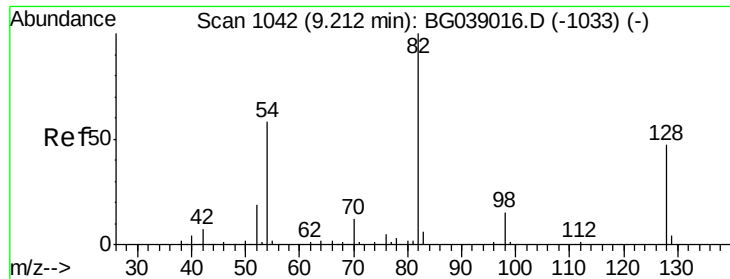
Tot Ion:136	Resp: 72313
Ion Ratio	Lower Upper
136 100	
137 11.6	9.4 14.2
54 9.3	7.2 10.8
68 4.4	3.5 5.3



#22
Acetophenone
Concen: 33.999 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt	Ion:105	Resp:	64205
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.6	1.0
51	32.0	26.6	39.8
120	21.7	17.9	26.9

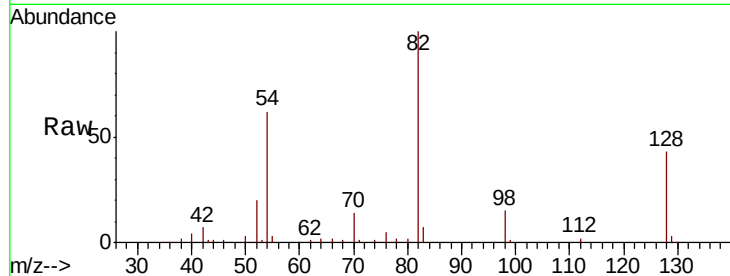




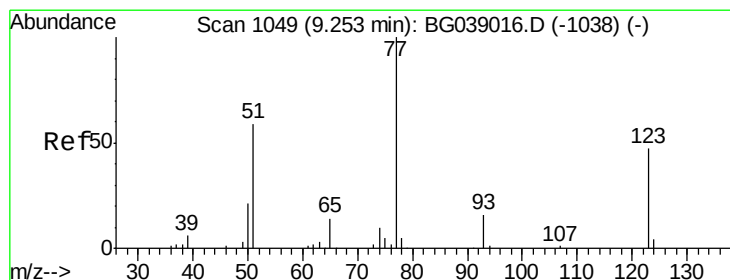
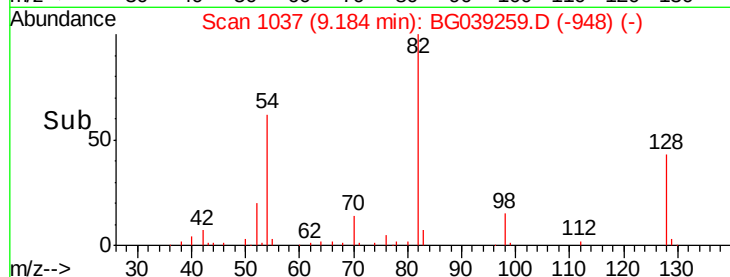
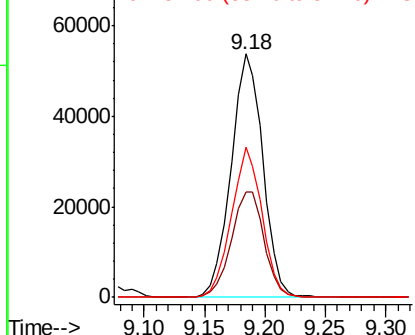
#23
 Nitrobenzene-d5
 Concen: 74.463 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	98405
Ion Ratio	Lower	Upper	
82	100		
128	43.4	37.3	55.9
54	61.7	46.4	69.6

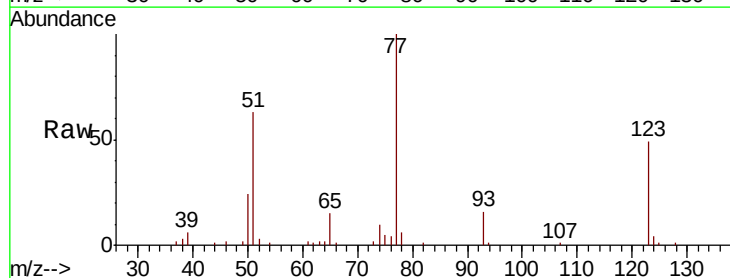


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

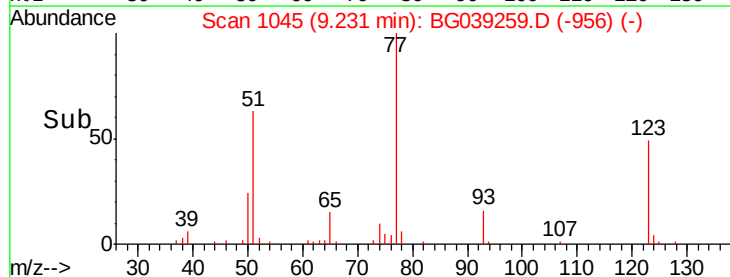
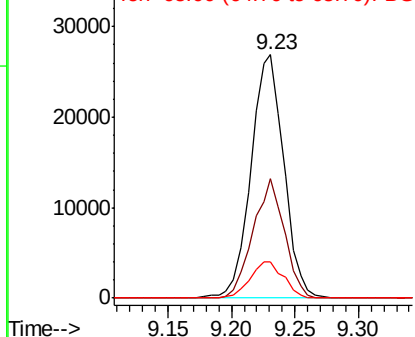


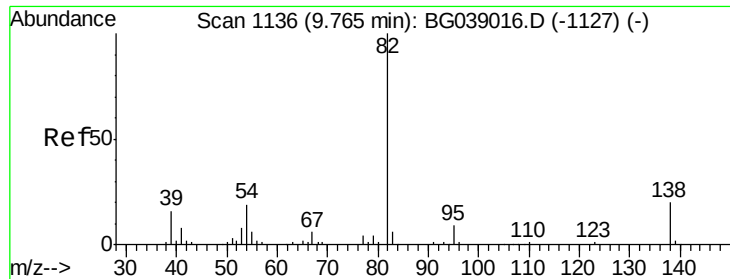
#24
 Nitrobenzene
 Concen: 36.277 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	77	Resp	48457
Ion Ratio	Lower	Upper	
77	100		
123	48.8	37.6	56.4
65	14.7	11.0	16.6



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





#25

Isophorone

Concen: 38.664 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

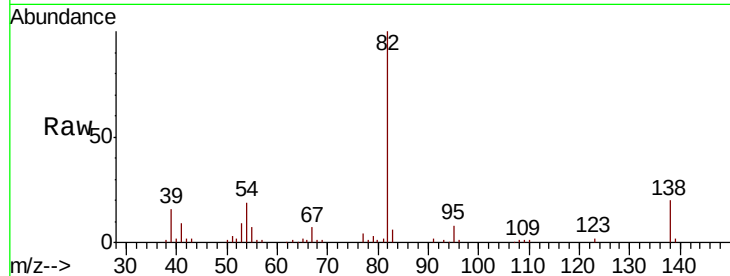
Tot Ion: 82 Resp: 88015

Ion Ratio Lower Upper

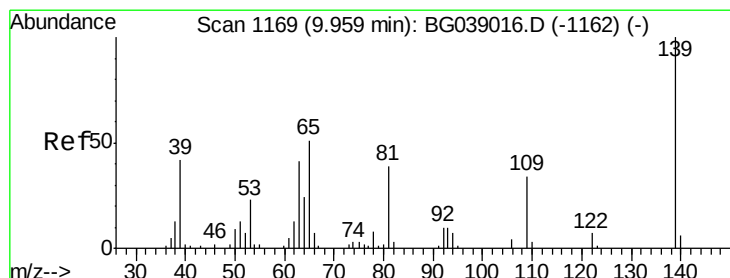
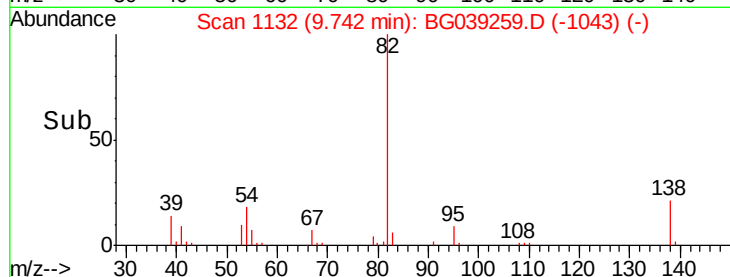
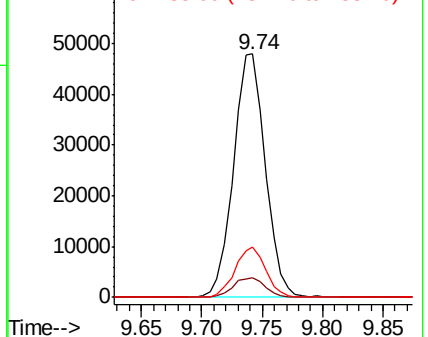
82 100

95 8.3 7.0 10.6

138 20.5 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: 35.677 ng

RT: 9.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

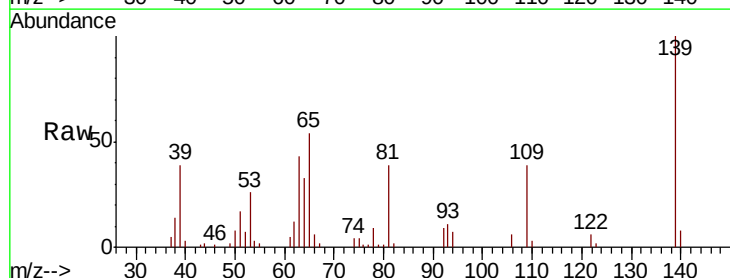
Tgt Ion: 139 Resp: 25777

Ion Ratio Lower Upper

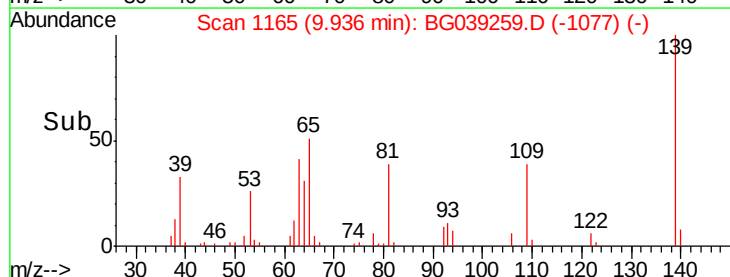
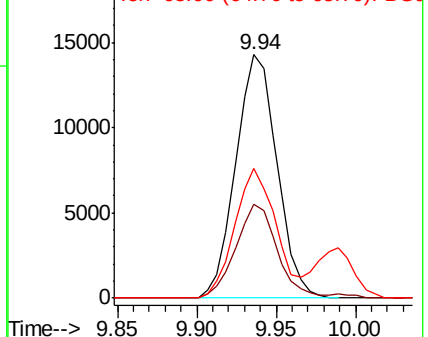
139 100

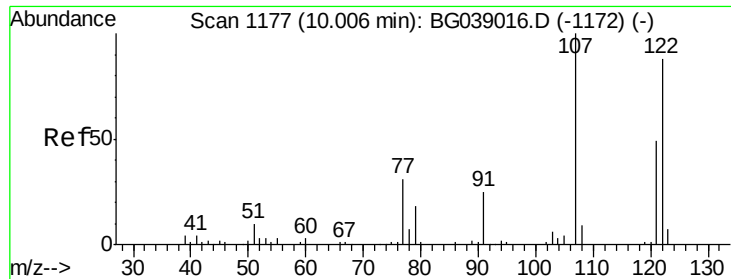
109 38.7 27.3 40.9

65 53.5 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

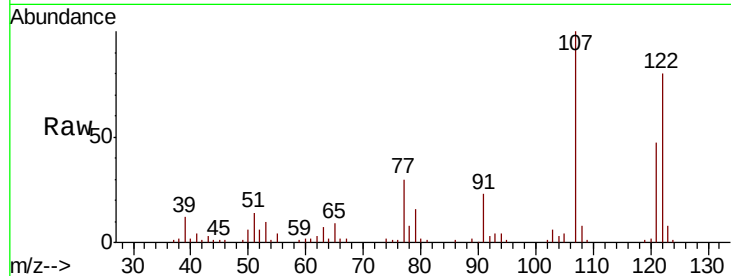




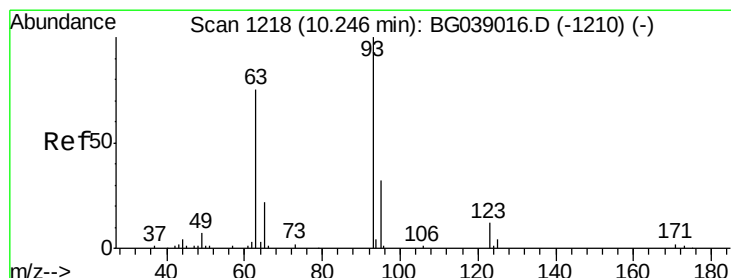
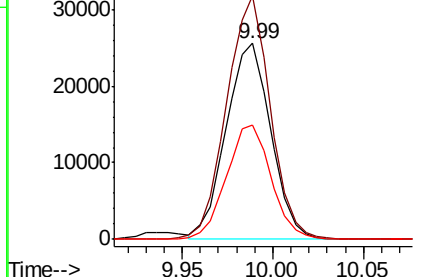
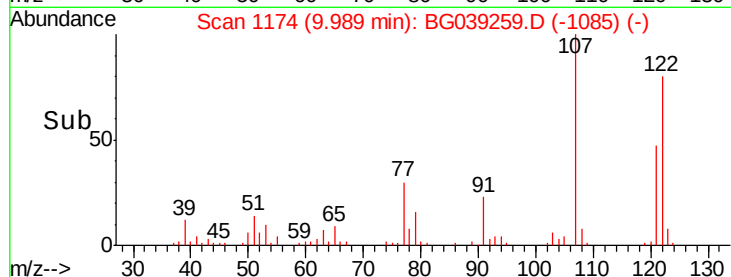
#27
 2,4-Dimethylphenol
 Concen: 43.082 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 43792
 Ion Ratio Lower Upper
 122 100
 107 124.4 88.8 133.2
 121 58.7 43.1 64.7

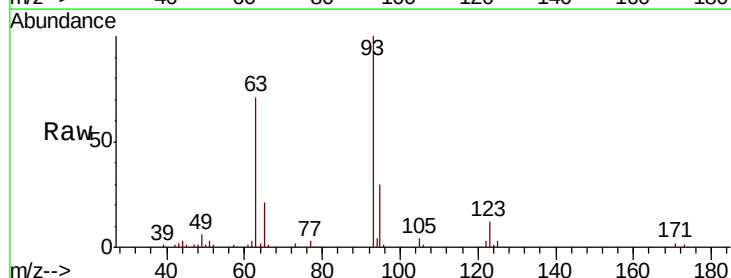


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

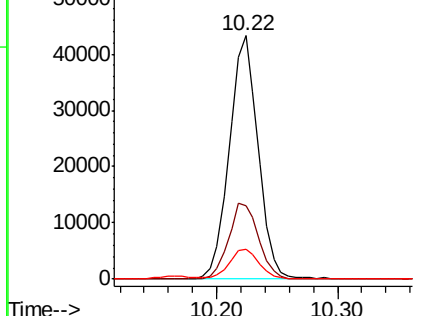
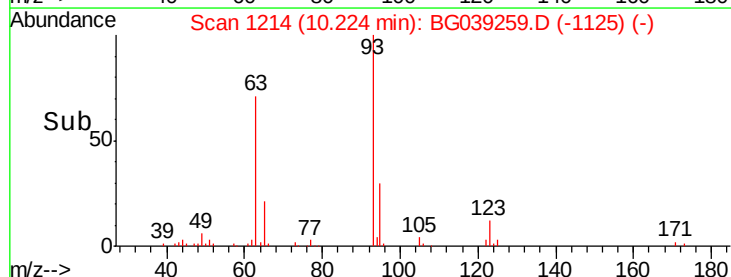


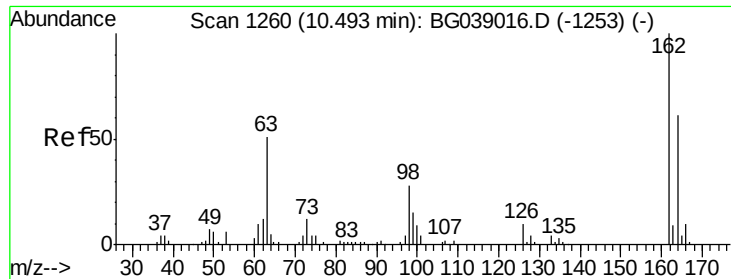
#28
 bis(2-Chloroethoxy)methane
 Concen: 52.344 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 93 Resp: 71612
 Ion Ratio Lower Upper
 93 100
 95 29.9 25.6 38.4
 123 12.1 10.1 15.1



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

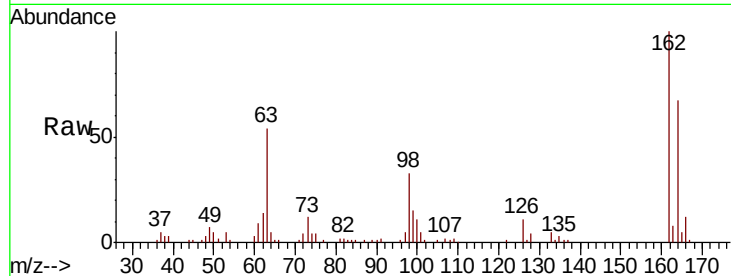




#29
 2,4-Dichlorophenol
 Concen: 46.024 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	58119
Ion Ratio	Lower	Upper	
162	100		
164	66.7	41.3	81.3
98	33.4	8.3	48.3

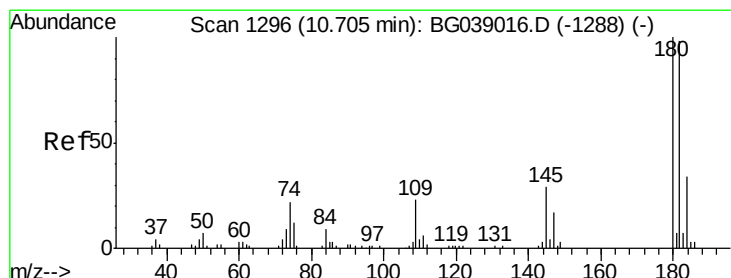
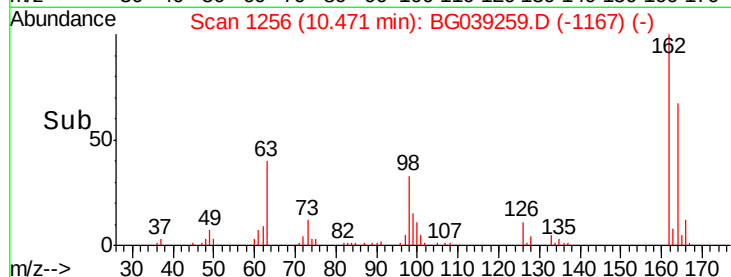
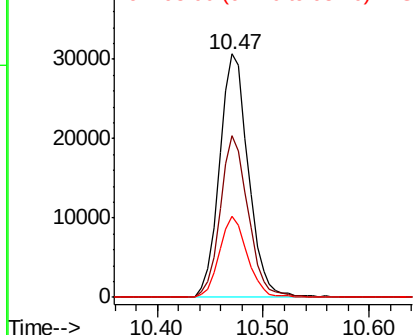


Abundance

Ion 162.00 (161.70 to 162.70): E

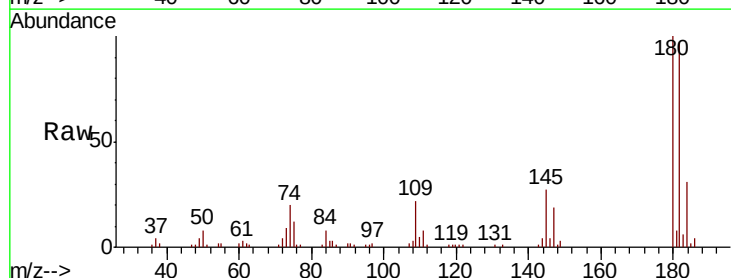
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 39.517 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	180	Resp	59958
Ion Ratio	Lower	Upper	
180	100		
182	97.1	78.1	117.1
145	26.9	23.1	34.7

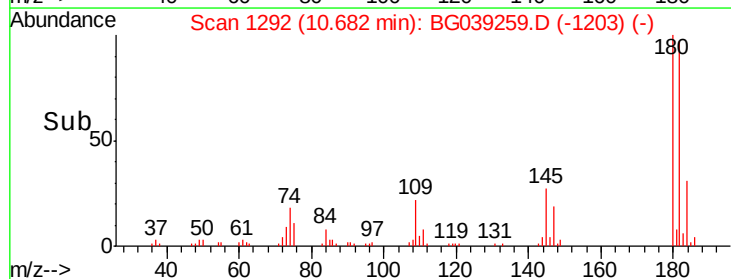
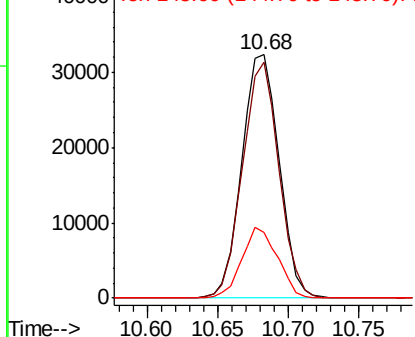


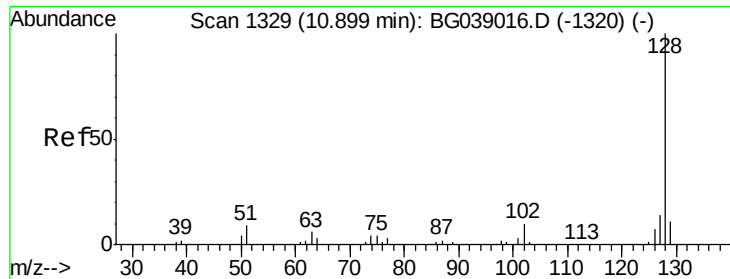
Abundance

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

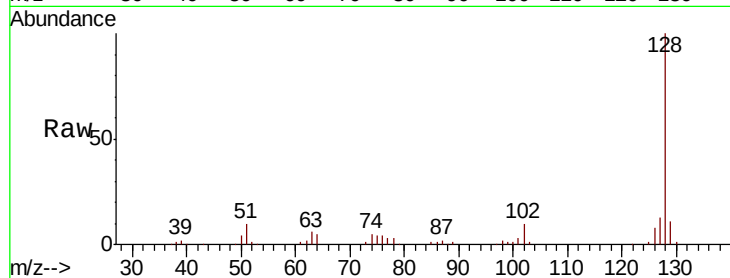




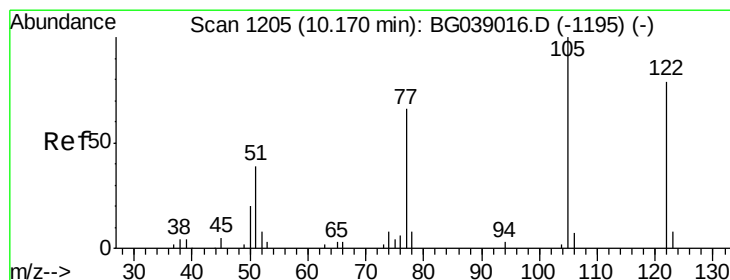
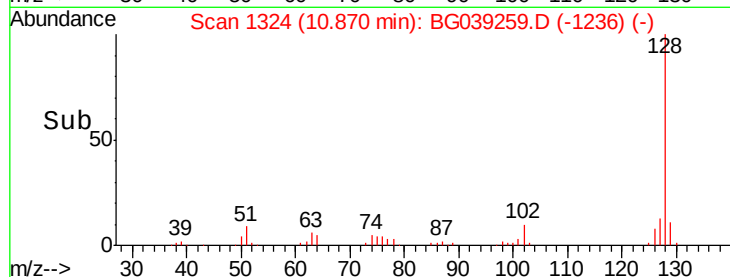
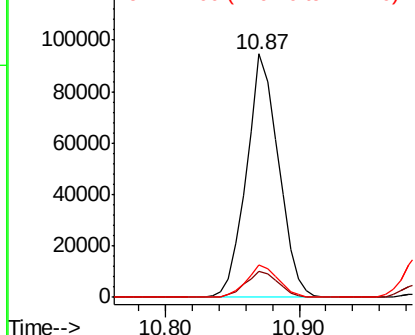
#31
Naphthalene
Concen: 43.282 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 156975
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.2 11.2 16.8

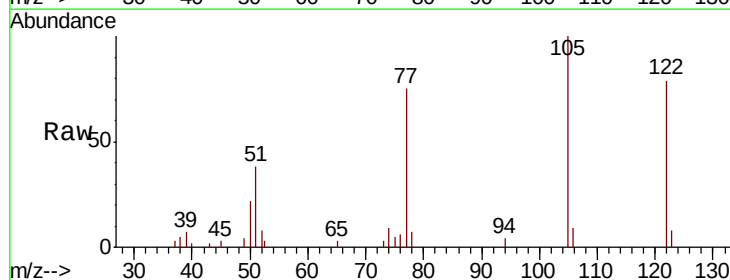


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

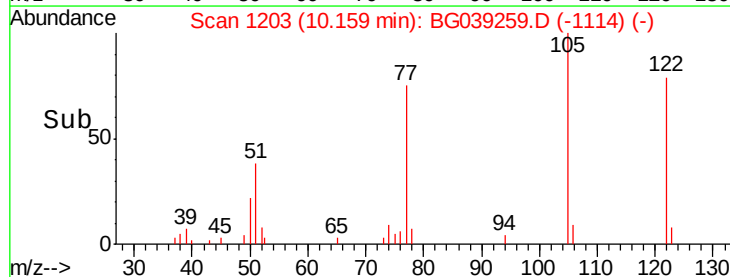
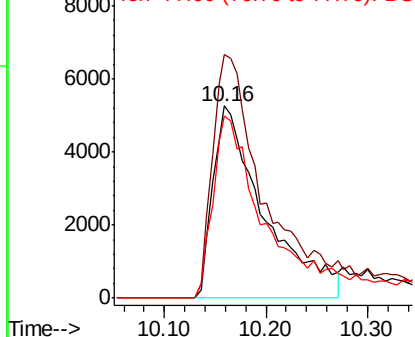


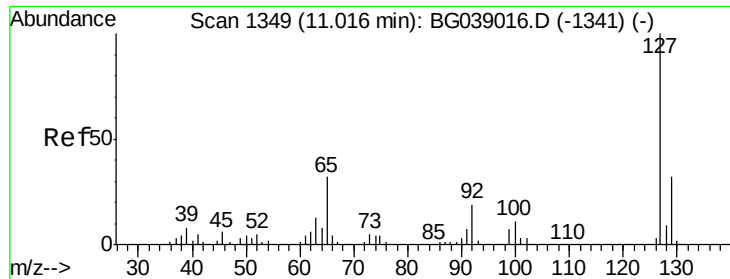
#32
Benzoic acid
Concen: 33.105 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:122 Resp: 18414
Ion Ratio Lower Upper
122 100
105 126.6 106.4 146.4
77 94.8 63.6 103.6



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

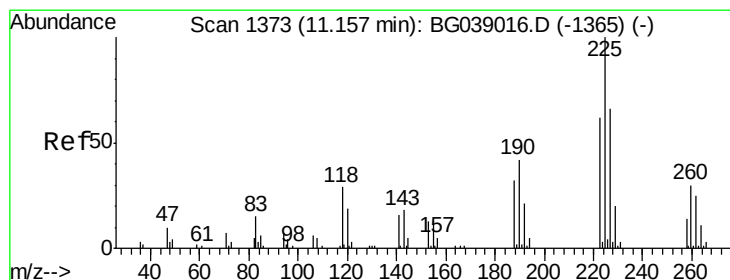
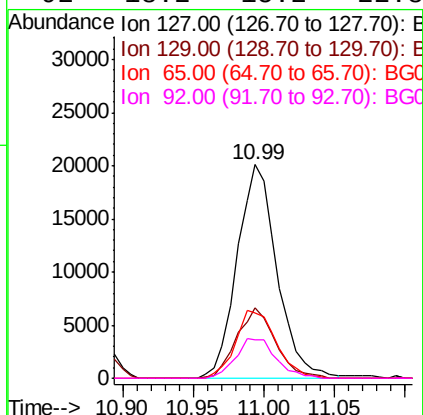
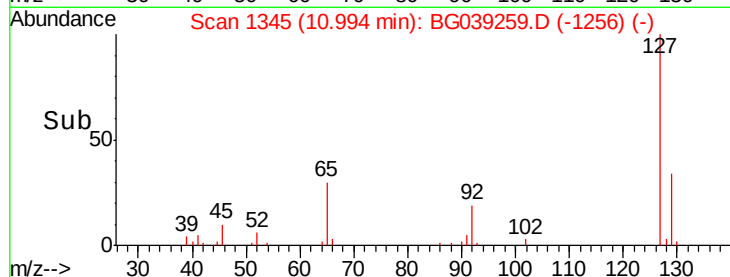
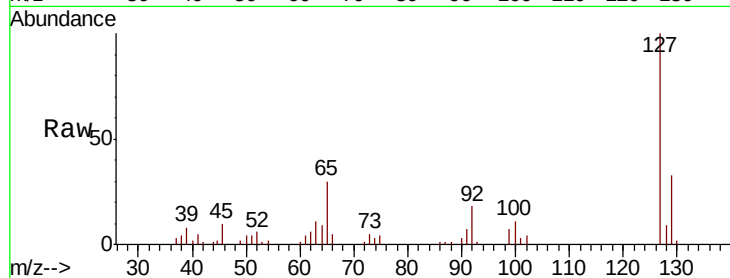




#33
4-Chloroaniline
Concen: 24.440 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

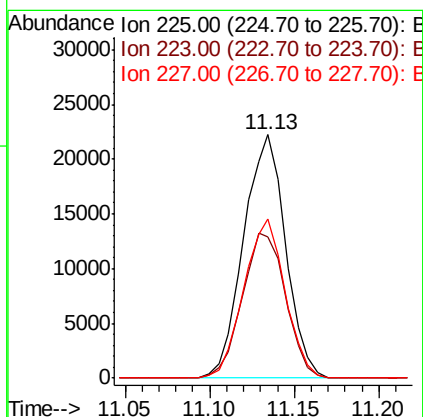
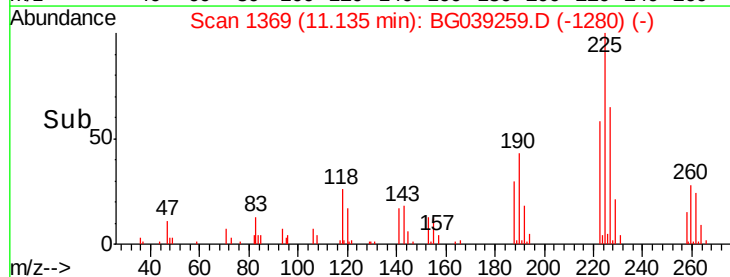
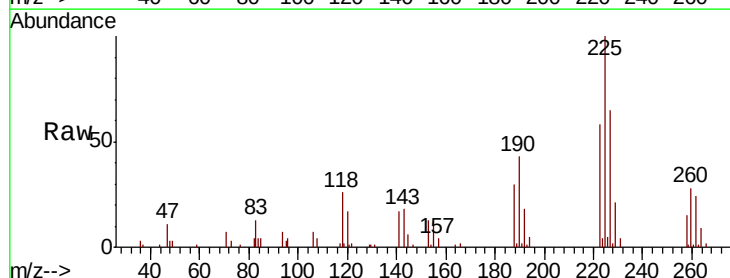
Instrument :
BNA_G
ClientSampleId :

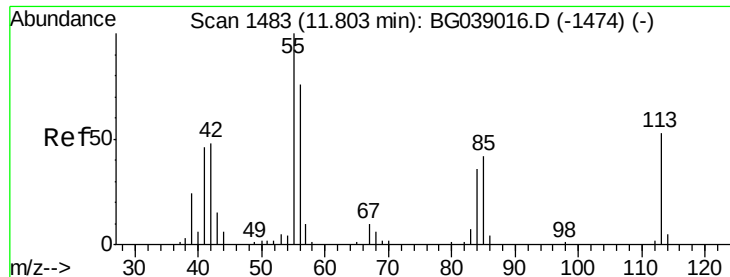
Tot Ion:	127	Resp:	39663
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.0
65	30.4	25.4	38.0
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.708 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:	225	Resp:	38324
Ion	Ratio	Lower	Upper
225	100		
223	58.0	50.2	75.4
227	67.6	53.2	79.8

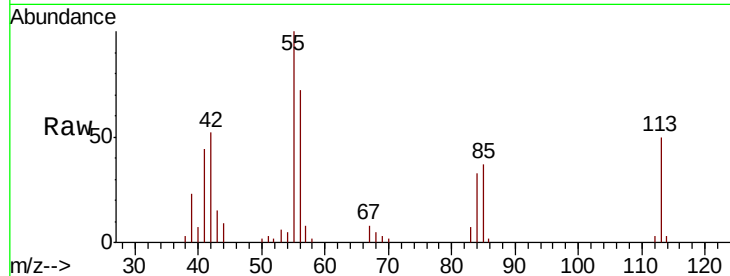




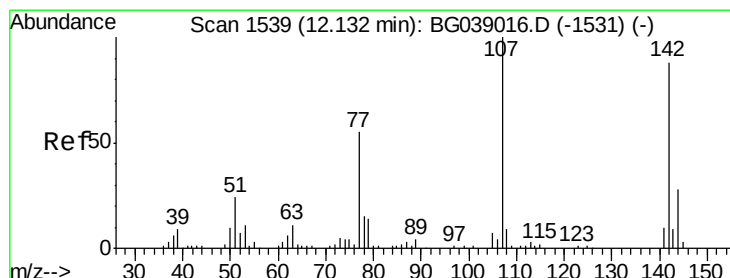
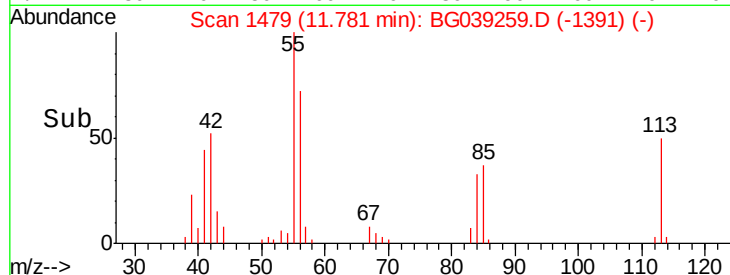
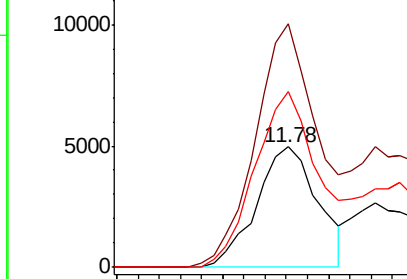
#35
 Caprolactam
 Concen: 19.794 ng
 RT: 11.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 10023
 Ion Ratio Lower Upper
 113 100
 55 201.8 168.6 208.6
 56 146.0 123.2 163.2

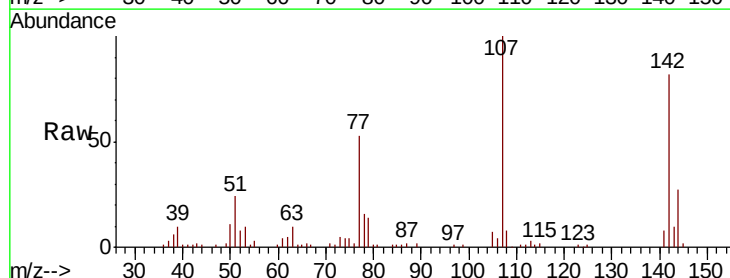


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

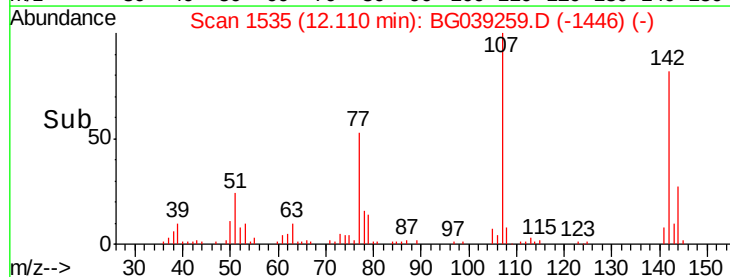
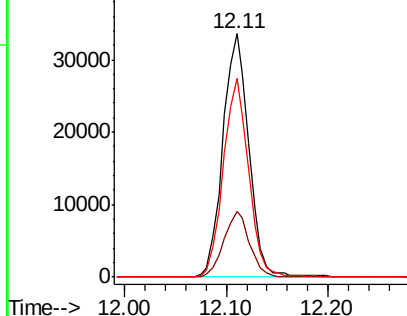


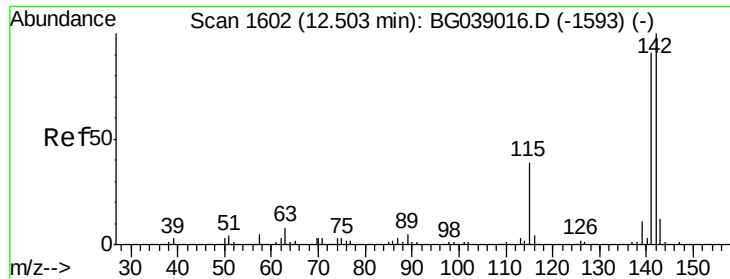
#36
 4-Chloro-3-methylphenol
 Concen: 43.962 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:107 Resp: 59376
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.6 34.0
 142 81.9 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

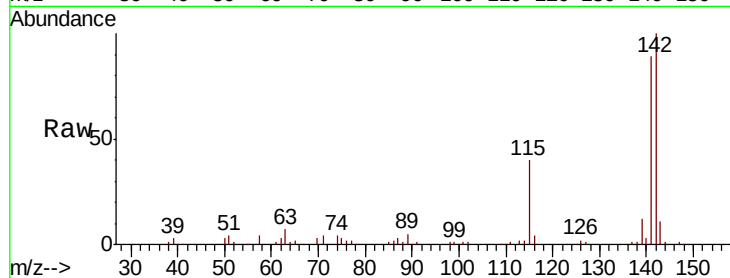




#37
2-Methylnaphthalene
Concen: 41.075 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	109.0
115	40.2	31.1	46.7

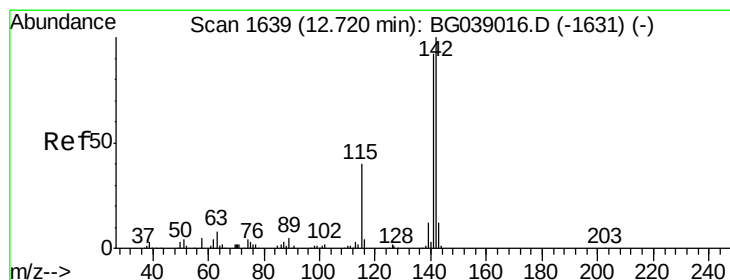
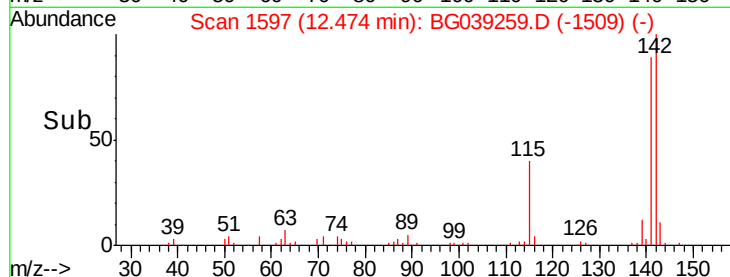
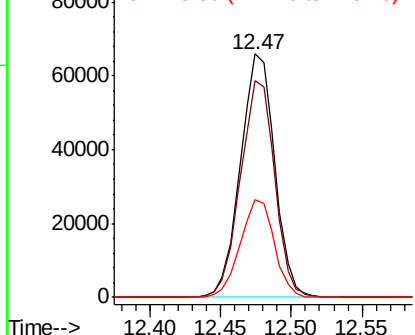


Abundance

Ion 142.00 (141.70 to 142.70): E

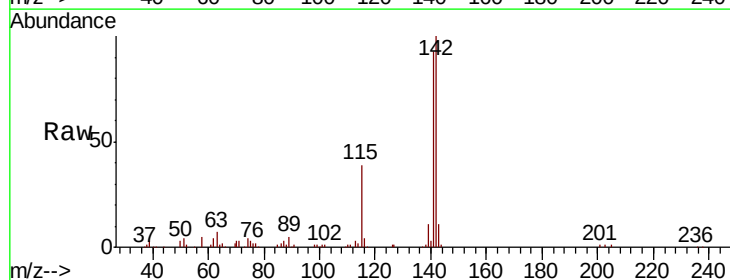
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.823 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.3	109.9
116	4.3	3.1	4.7

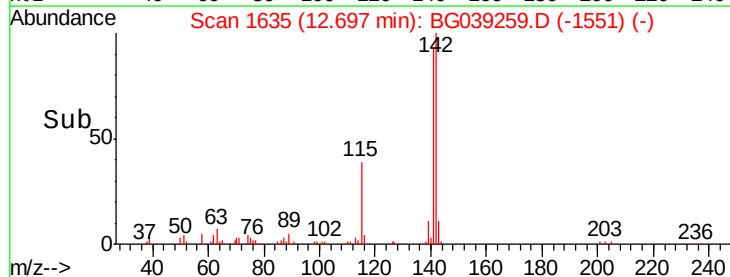
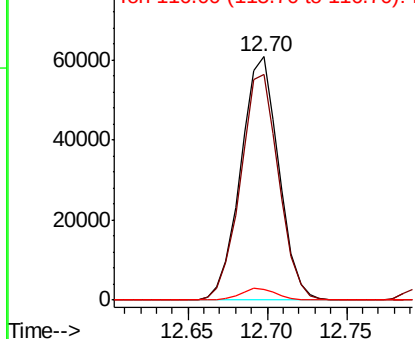


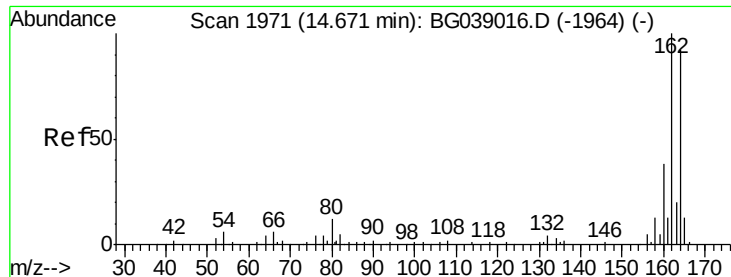
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

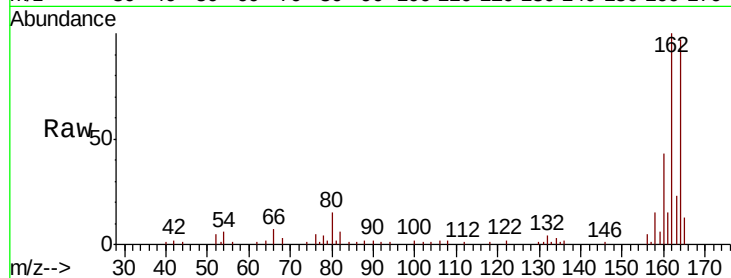
Tot Ion:164 Resp: 47013

Ion Ratio Lower Upper

164 100

162 103.1 87.2 130.8

160 44.3 33.3 49.9

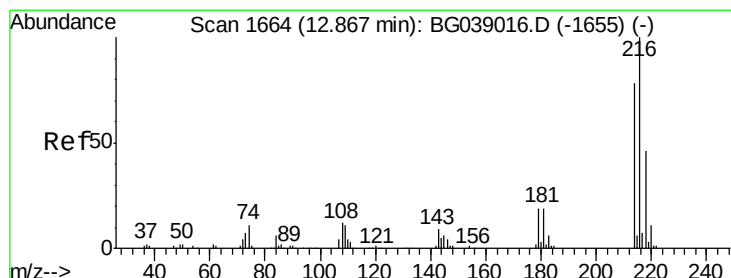
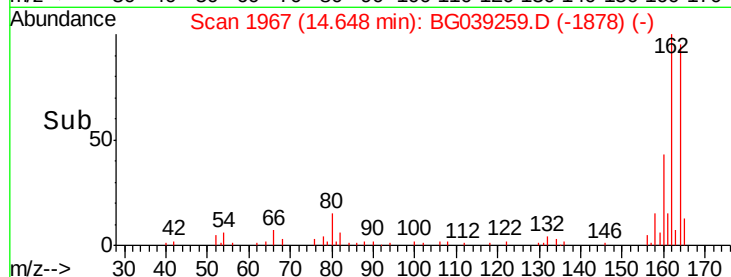
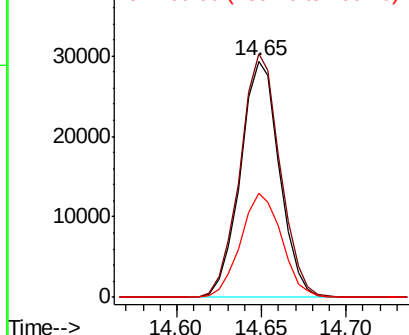


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.188 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:216 Resp: 69191

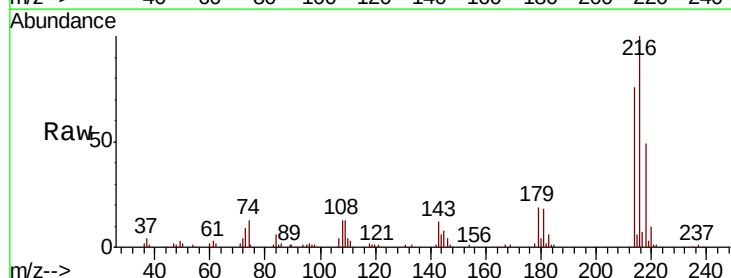
Ion Ratio Lower Upper

216 100

214 77.5 63.4 95.2

179 19.0 15.5 23.3

108 15.2 11.4 17.2



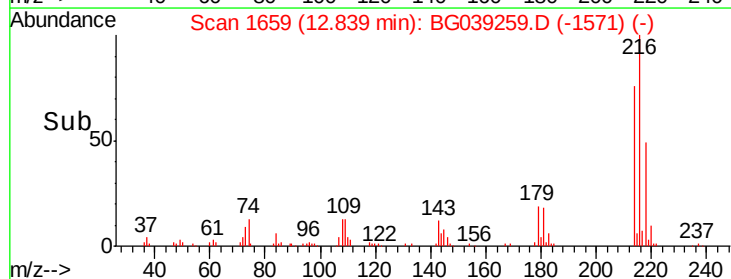
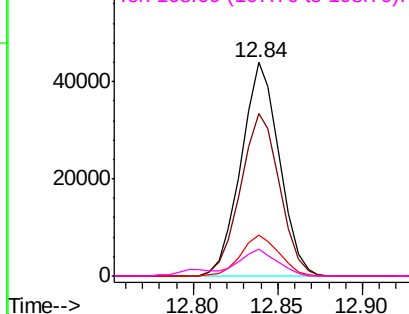
Abundance

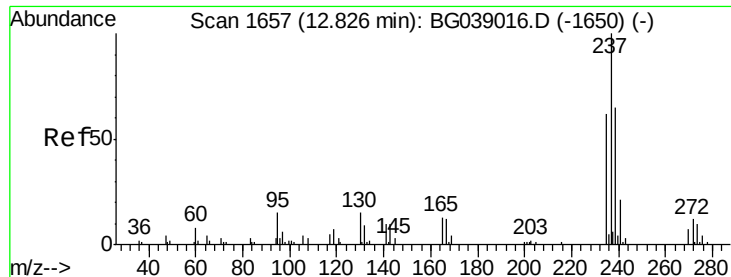
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.031 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

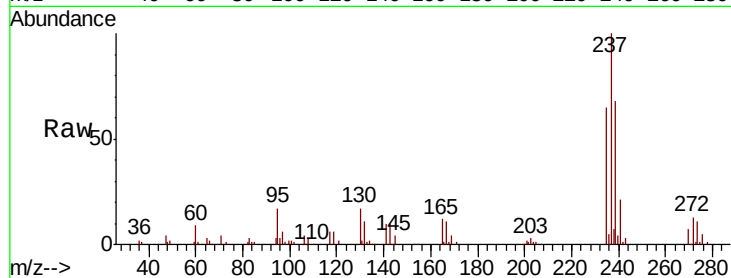
Tot Ion:237 Resp: 75301

Ion Ratio Lower Upper

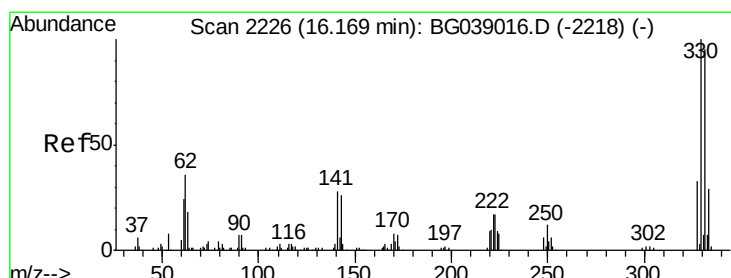
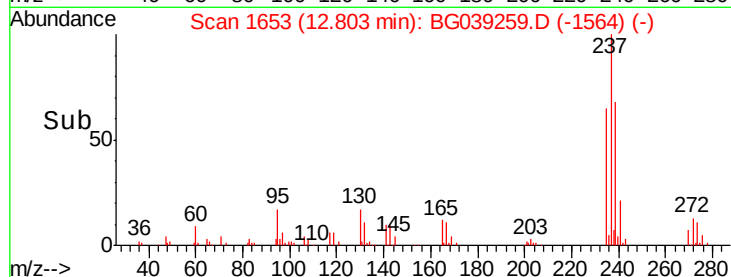
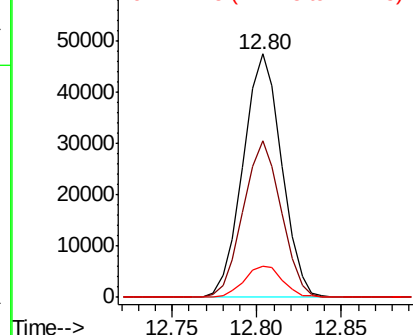
237 100

235 64.6 41.7 81.7

272 12.5 0.0 32.1



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



#42

2,4,6-Tribromophenol

Concen: 130.650 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

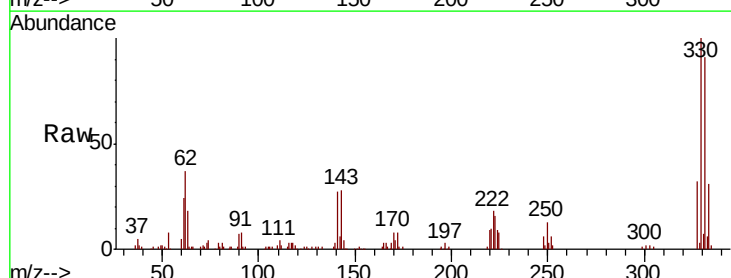
Tgt Ion:330 Resp: 102961

Ion Ratio Lower Upper

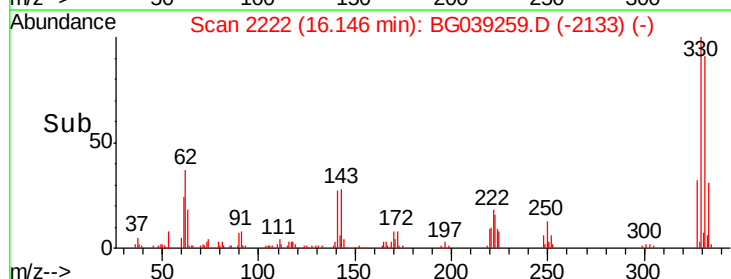
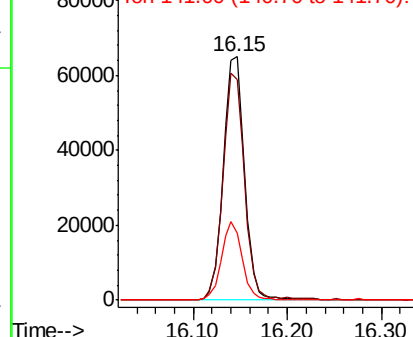
330 100

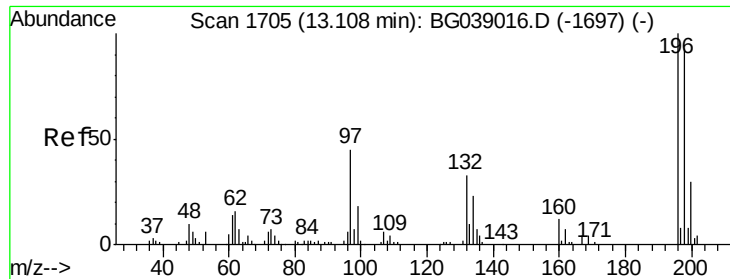
332 94.2 75.7 113.5

141 30.9 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

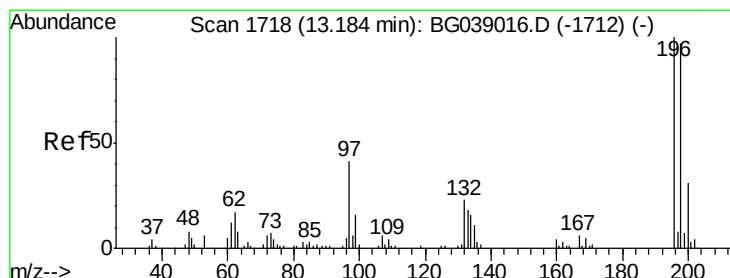
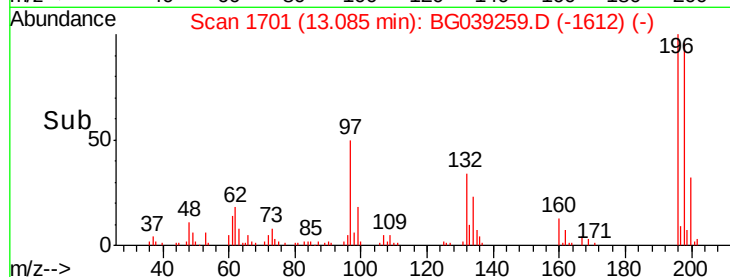
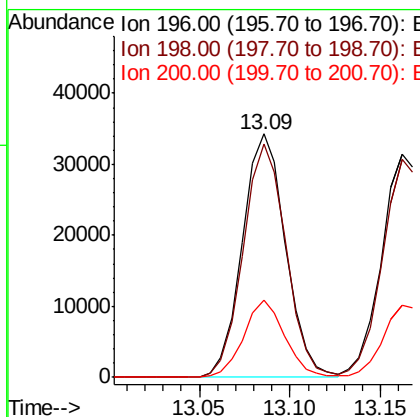
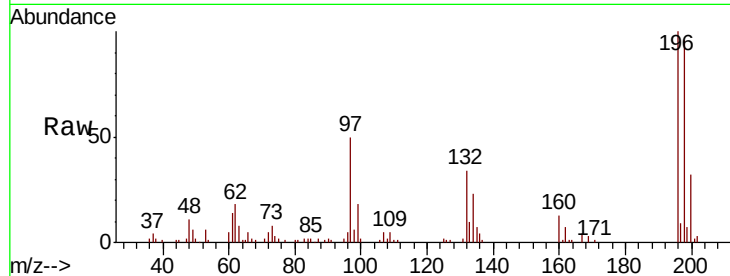




#43
 2,4,6-Trichlorophenol
 Concen: 51.109 ng
 RT: 13.09 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

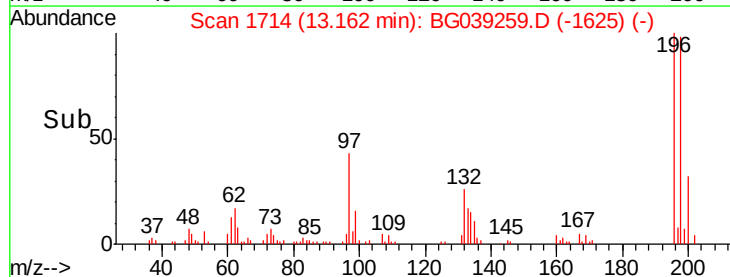
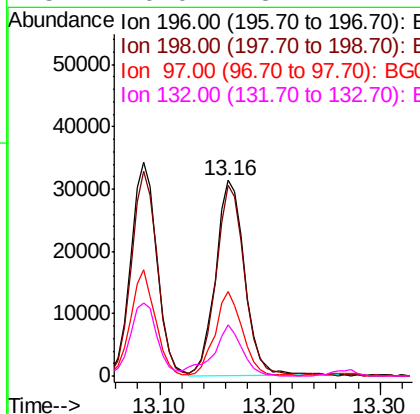
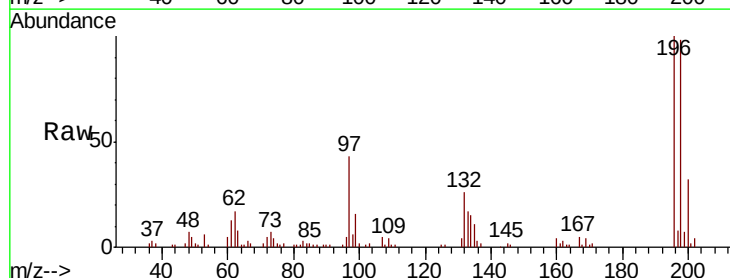
Instrument :
 BNA_G
 ClientSampled :

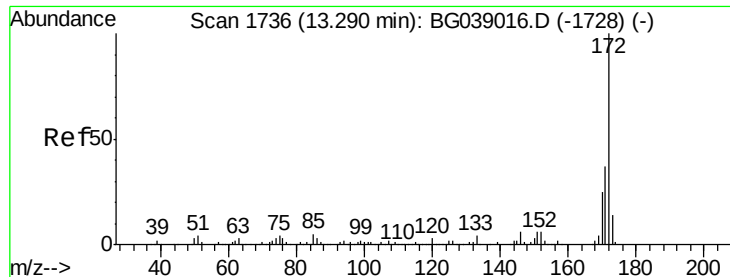
Tot Ion:196 Resp: 56794
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.5 111.7
 200 31.5 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 48.760 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:196 Resp: 57268
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.1 117.1
 97 43.5 33.2 49.8
 132 26.0 18.2 27.4

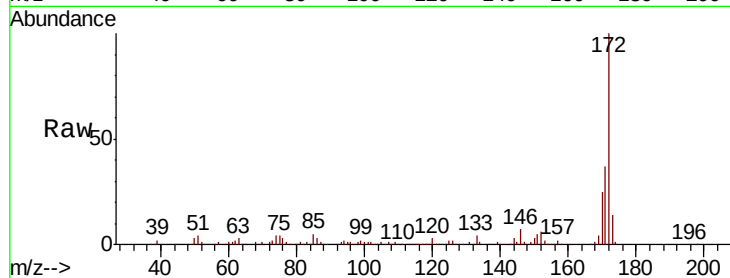




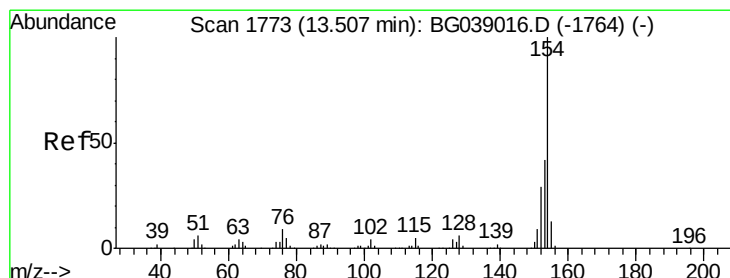
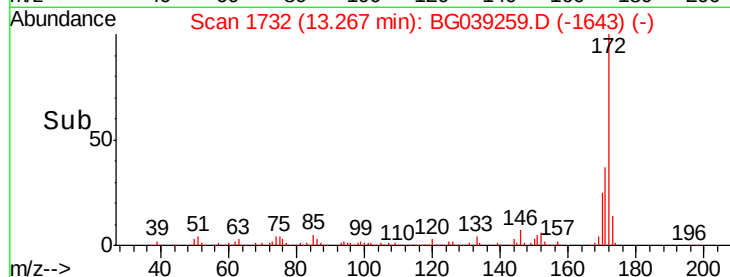
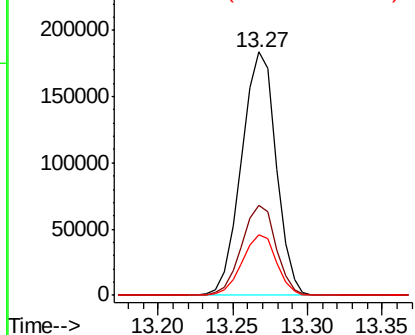
#45
 2-Fluorobiphenyl
 Concen: 85.695 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 294381
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.7 20.1 30.1

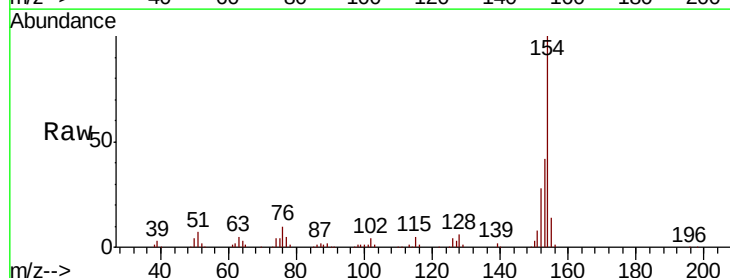


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

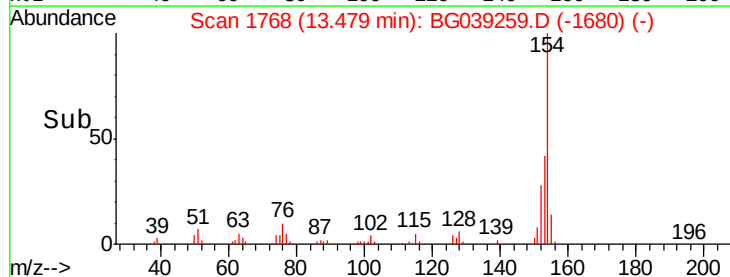
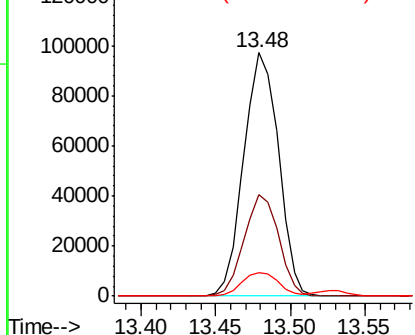


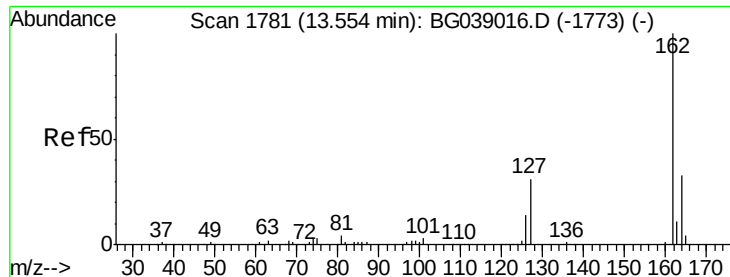
#46
 1,1'-Biphenyl
 Concen: 42.157 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:154 Resp: 157045
 Ion Ratio Lower Upper
 154 100
 153 41.8 22.4 62.4
 76 9.9 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

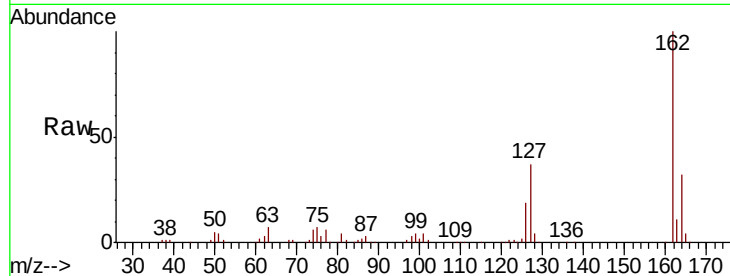




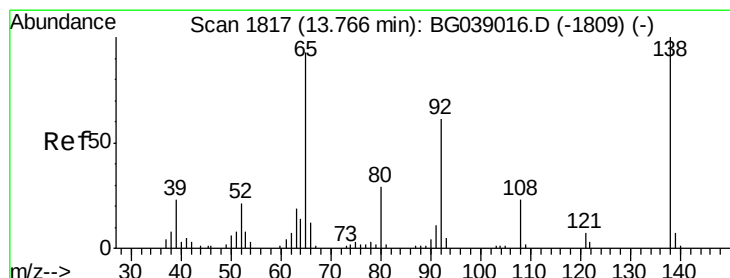
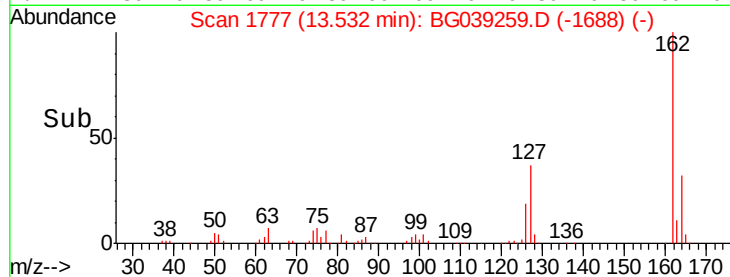
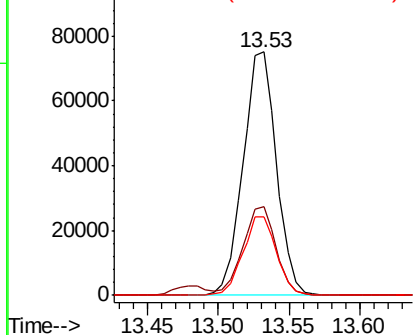
#47
 2-Chloronaphthalene
 Concen: 41.204 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 124211
 Ion Ratio Lower Upper
 162 100
 127 36.7 28.4 42.6
 164 32.4 26.3 39.5

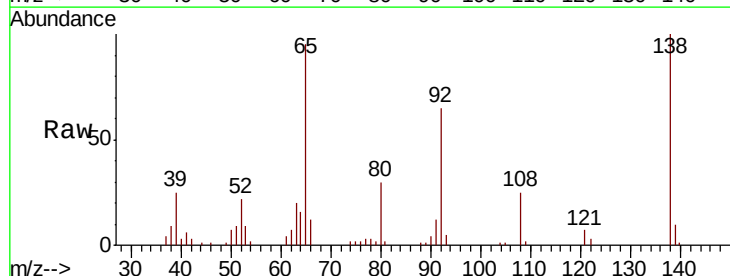


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

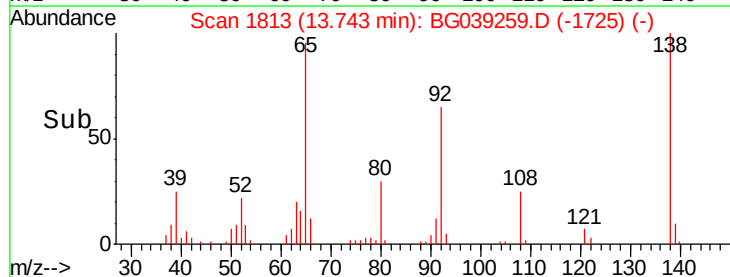
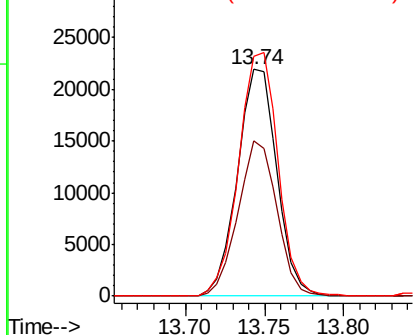


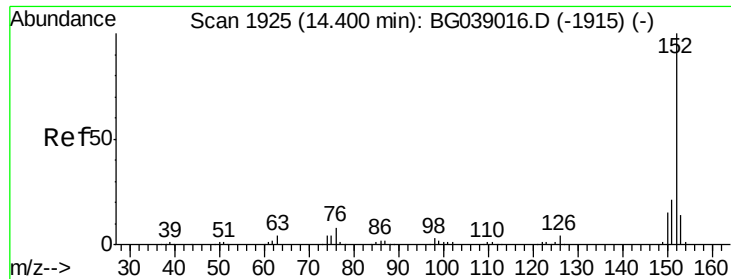
#48
 2-Nitroaniline
 Concen: 44.806 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion: 65 Resp: 37840
 Ion Ratio Lower Upper
 65 100
 92 68.7 52.2 78.4
 138 105.6 86.0 129.0



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





#49

Acenaphthylene

Concen: 43.300 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

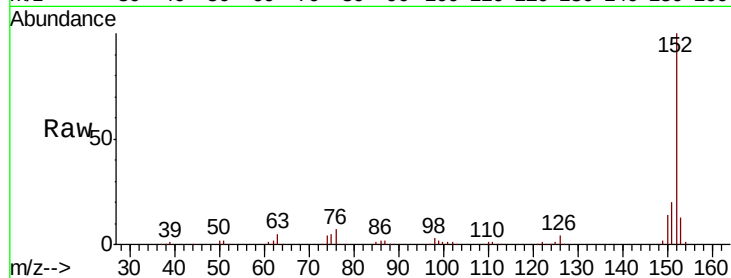
Tot Ion:152 Resp: 196195

Ion Ratio Lower Upper

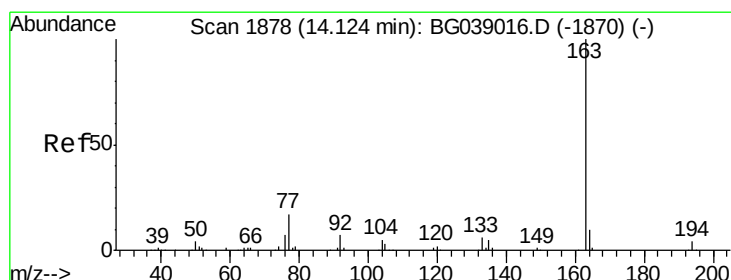
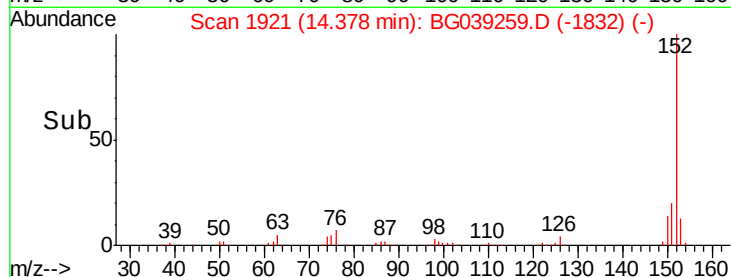
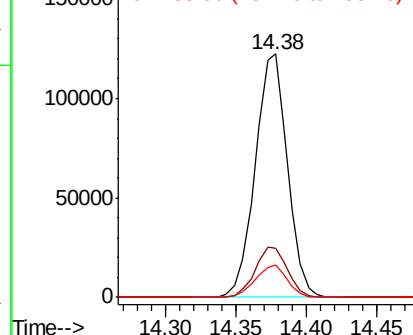
152 100

151 20.1 17.0 25.4

153 13.4 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: 40.554 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

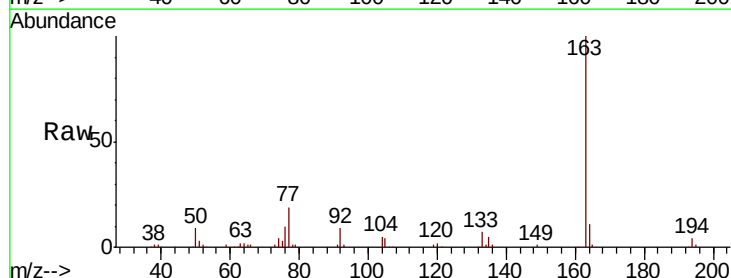
Tgt Ion:163 Resp: 161113

Ion Ratio Lower Upper

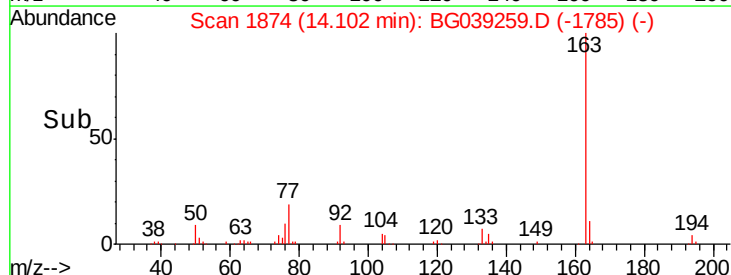
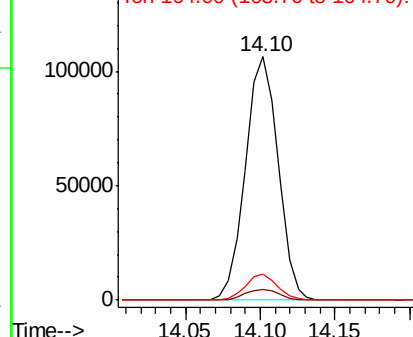
163 100

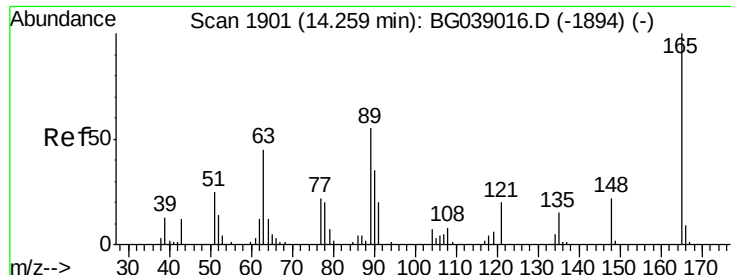
194 4.4 3.6 5.4

164 10.6 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

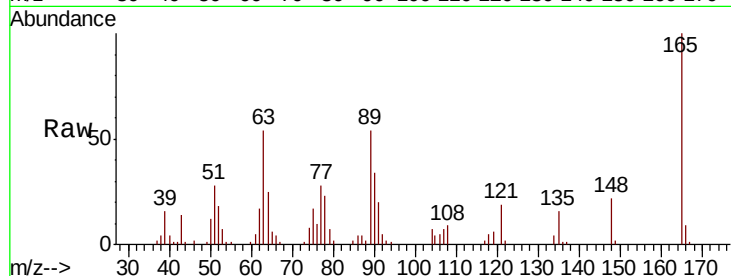




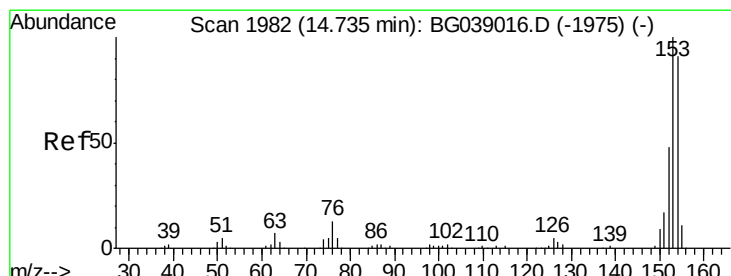
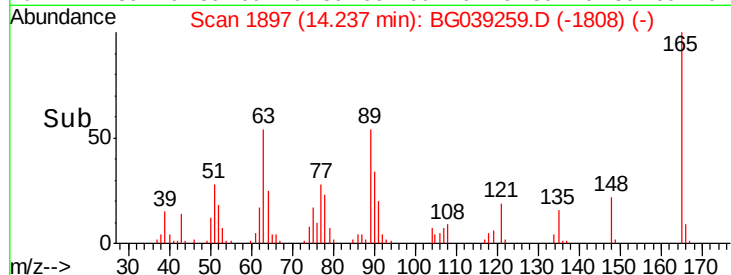
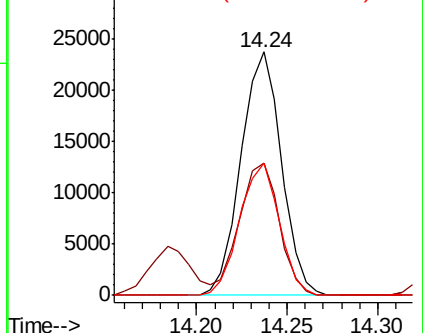
#51
 2,6-Dinitrotoluene
 Concen: 41.403 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 36775
 Ion Ratio Lower Upper
 165 100
 63 54.5 43.6 65.4
 89 54.5 43.7 65.5

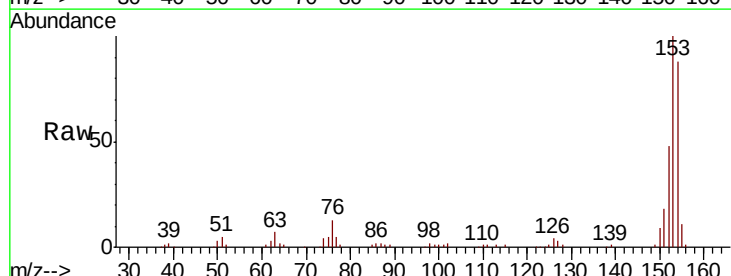


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

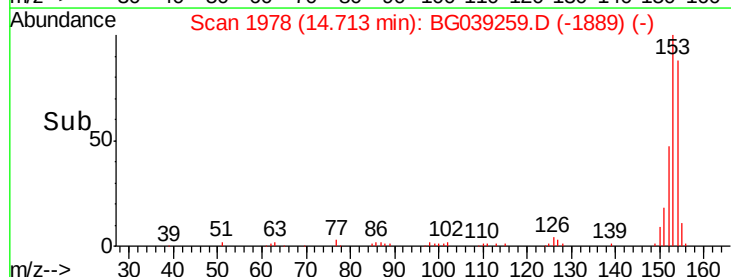
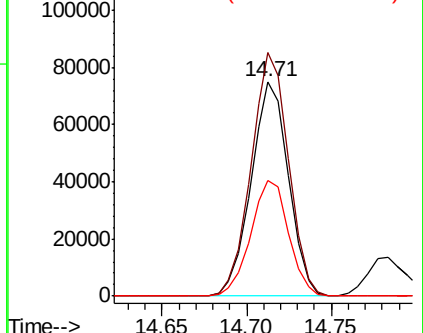


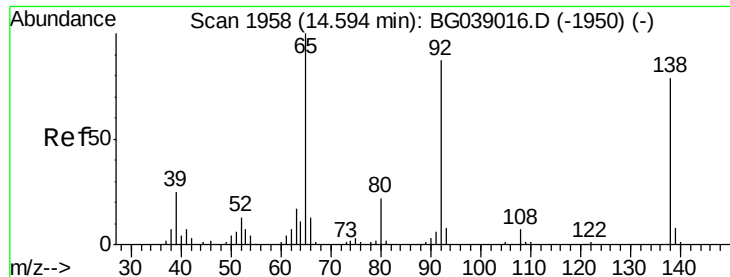
#52
 Acenaphthene
 Concen: 42.236 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:154 Resp: 114980
 Ion Ratio Lower Upper
 154 100
 153 113.5 87.9 131.9
 152 54.1 42.2 63.2



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





#53

3-Nitroaniline

Concen: 30.486 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

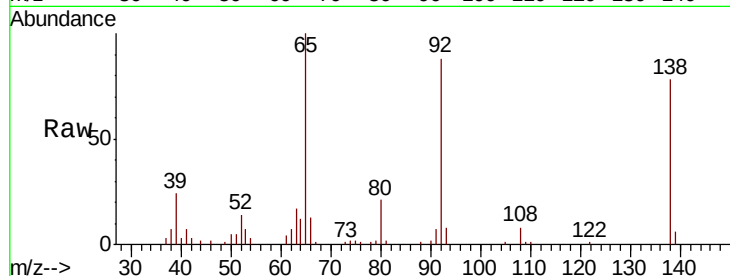
Tot Ion:138 Resp: 27469

Ion Ratio Lower Upper

138 100

108 9.6 7.4 11.0

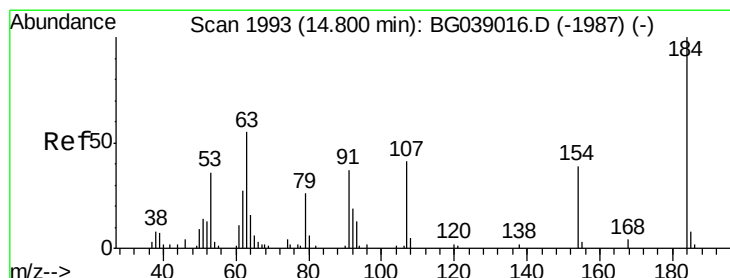
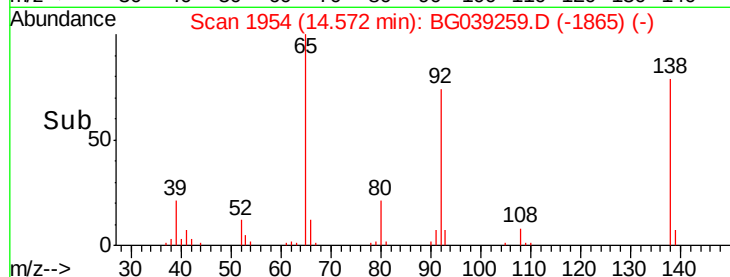
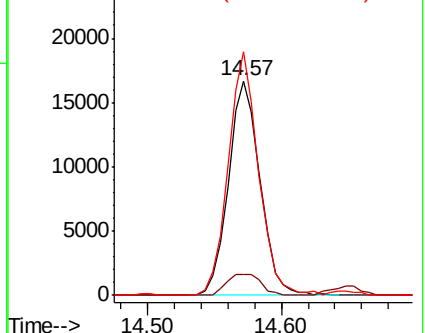
92 113.5 88.2 132.4



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: 71.364 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

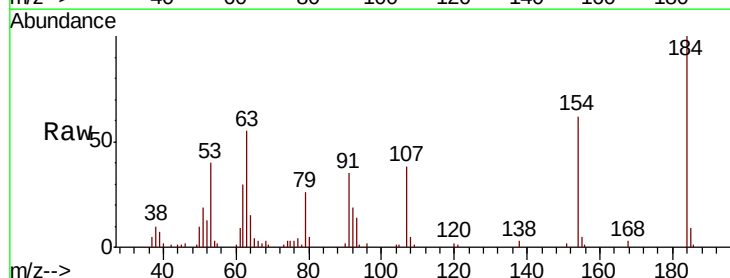
Tgt Ion:184 Resp: 37566

Ion Ratio Lower Upper

184 100

63 55.0 44.0 66.0

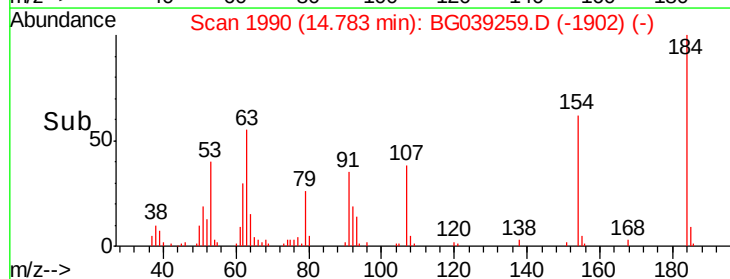
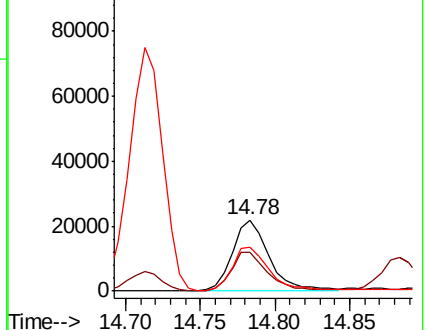
154 61.7 46.1 69.1

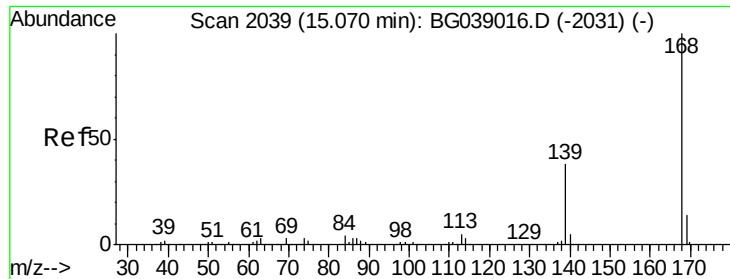


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

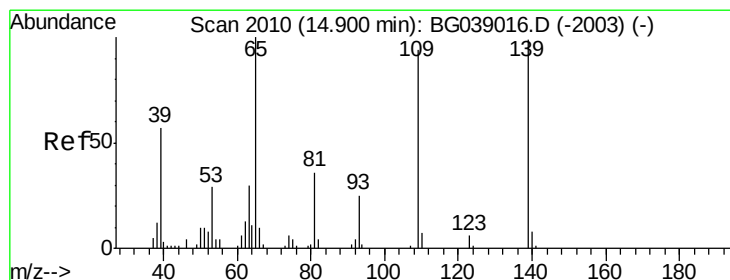
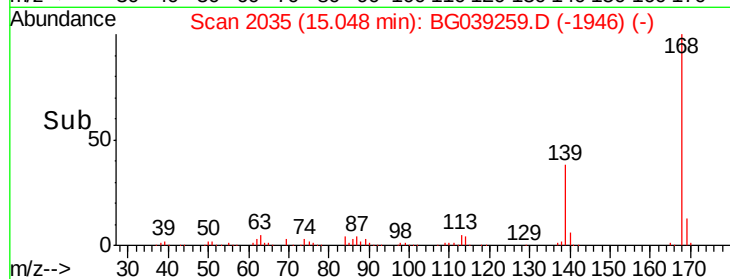
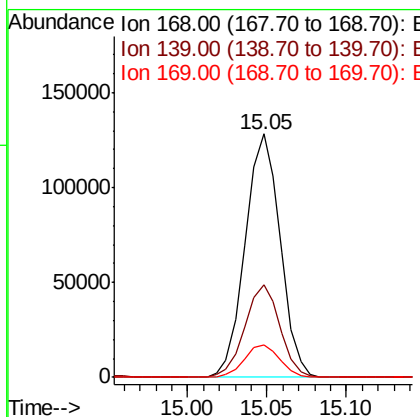
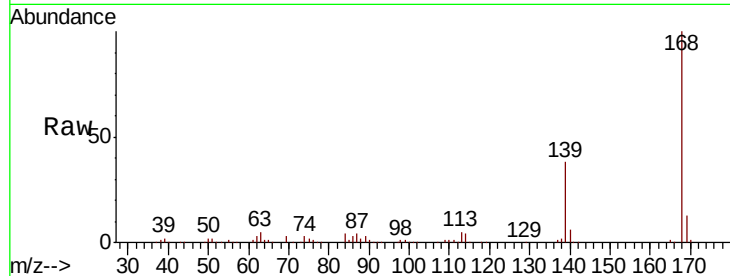




#55
Dibenzenofuran
Concen: 40.911 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

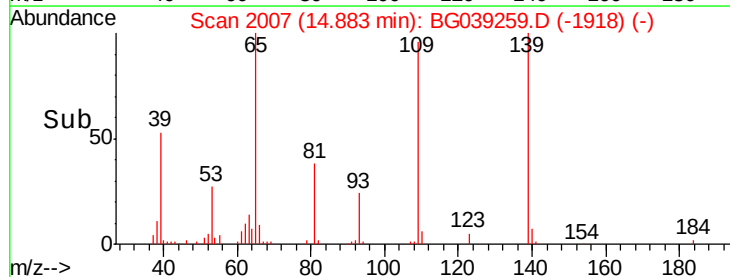
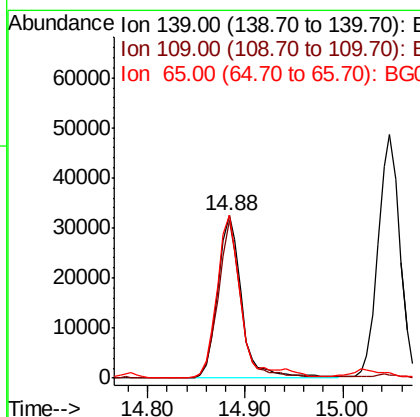
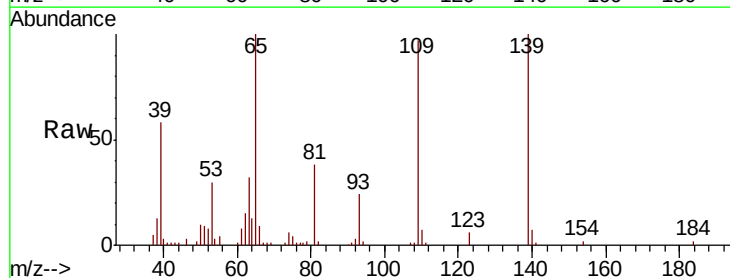
Instrument :
BNA_G
ClientSampleId :

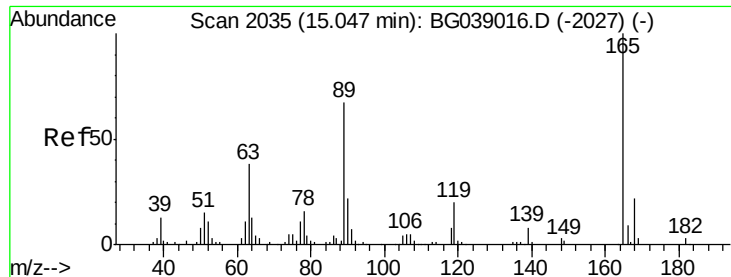
Tot Ion:168 Resp: 196701
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 85.454 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:139 Resp: 55402
Ion Ratio Lower Upper
139 100
109 97.0 75.6 115.6
65 100.1 81.2 121.2





#57

2,4-Dinitrotoluene

Concen: 41.707 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 53148

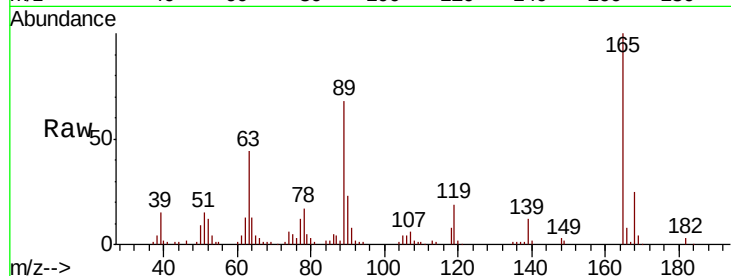
Ion Ratio Lower Upper

165 100

63 44.3 30.2 45.4

89 68.2 53.2 79.8

182 2.8 2.7 4.1

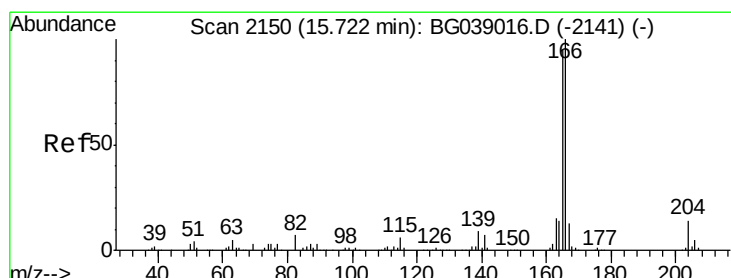
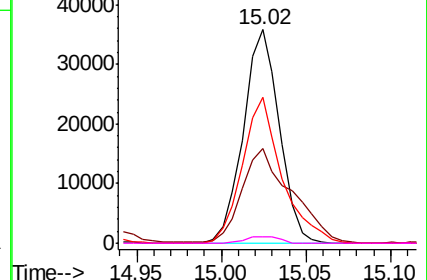
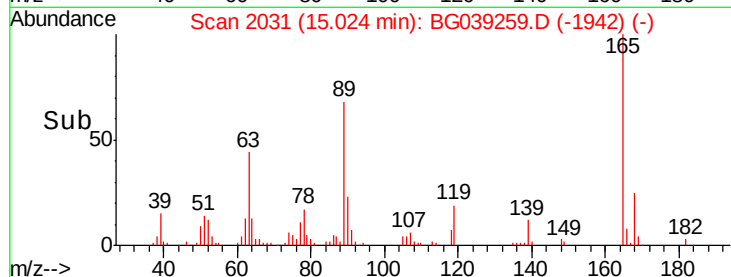


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.720 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

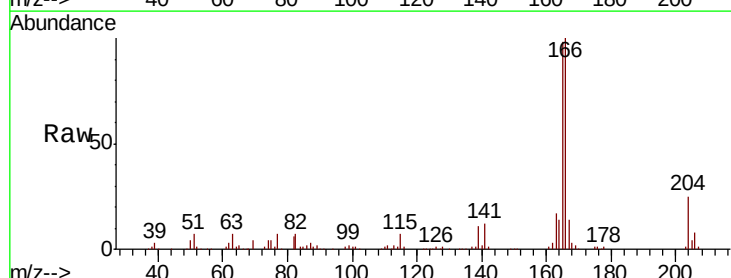
Tgt Ion:166 Resp: 154607

Ion Ratio Lower Upper

166 100

165 98.1 76.2 114.2

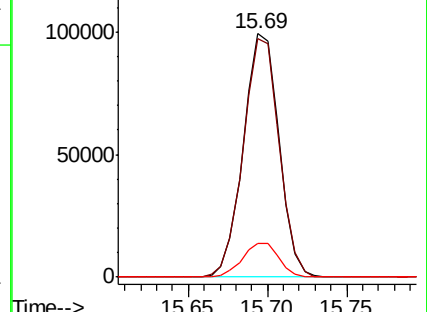
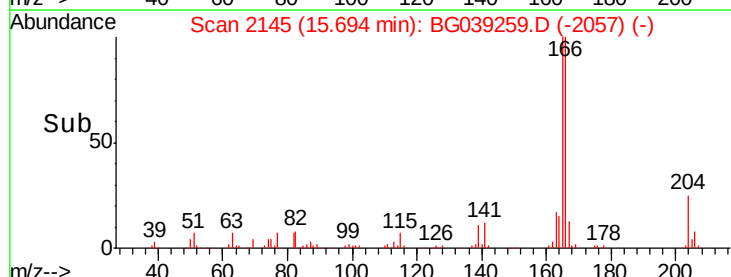
167 13.9 10.6 16.0

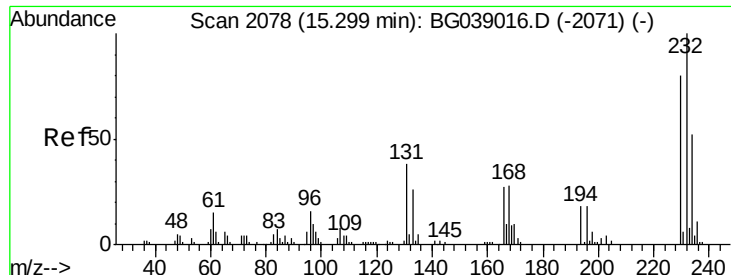


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

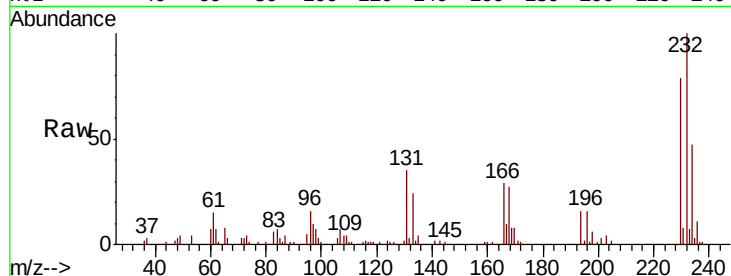




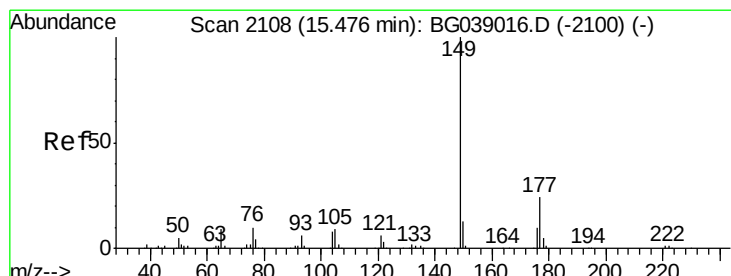
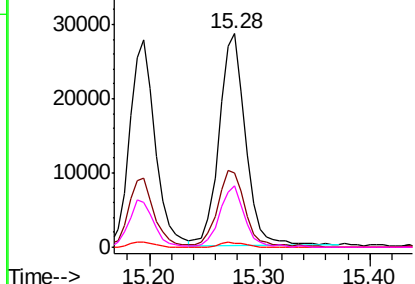
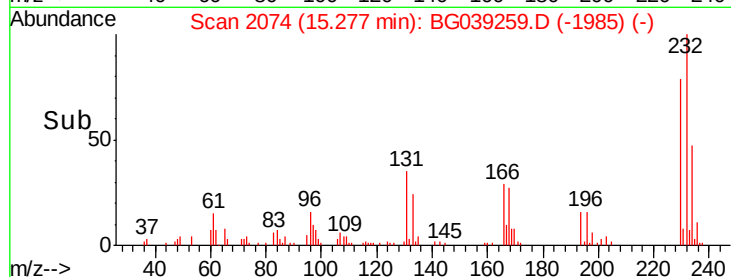
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.115 ng
RT: 15.28 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:232 Resp: 47800
Ion Ratio Lower Upper
232 100
131 38.7 30.9 46.3
130 2.1 1.9 2.9
166 27.5 22.1 33.1

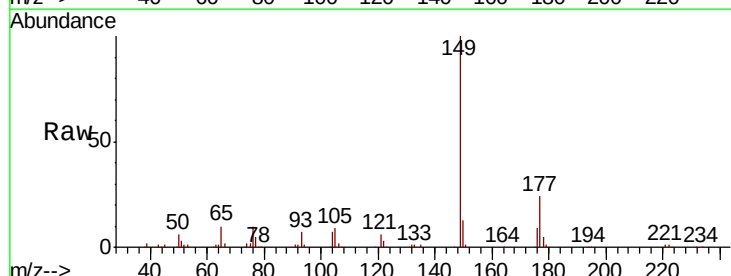


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

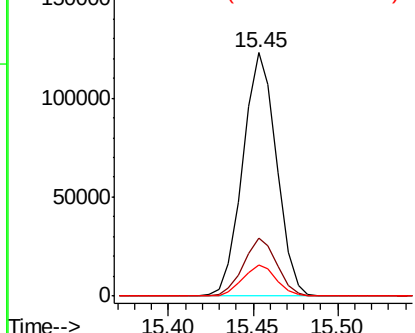
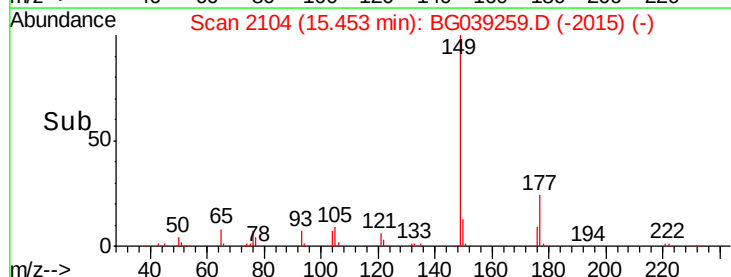


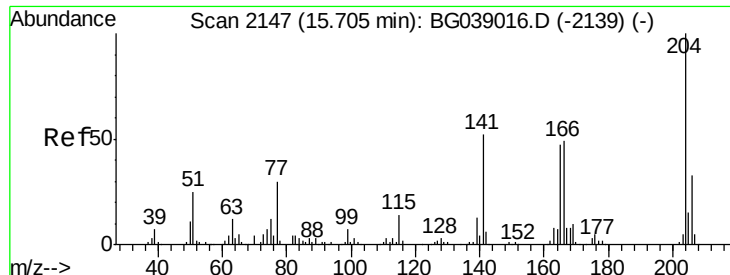
#60
Diethylphthalate
Concen: 41.725 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:149 Resp: 170791
Ion Ratio Lower Upper
149 100
177 23.8 19.0 28.6
150 12.7 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

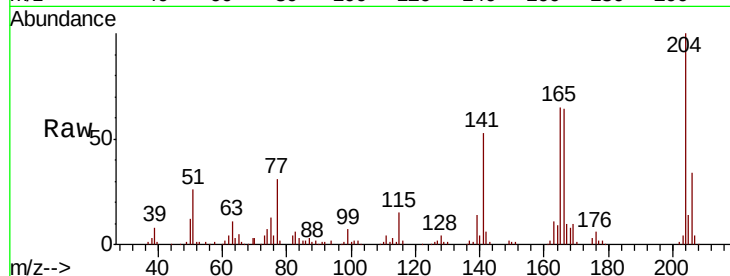




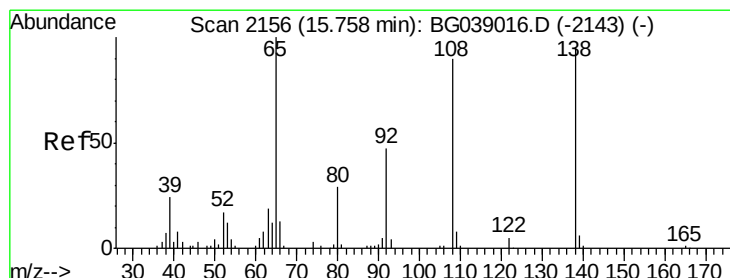
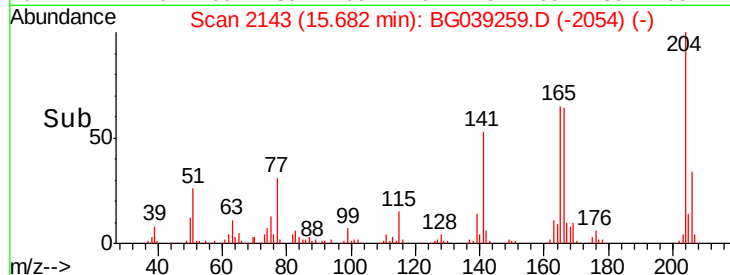
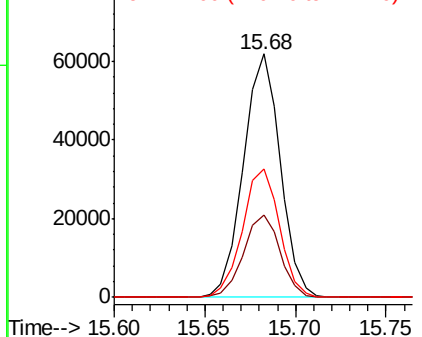
#61
 4-Chlorophenyl-phenylether
 Concen: 38.453 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 87675
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.6 39.8
 141 52.9 41.4 62.0

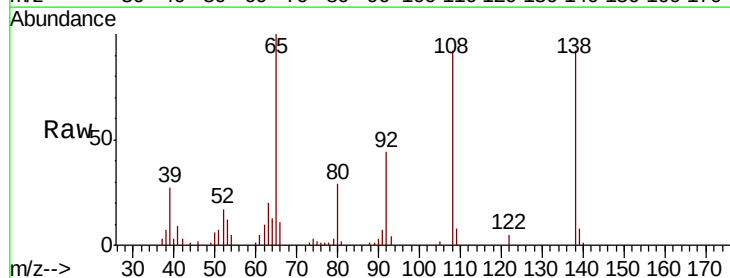


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

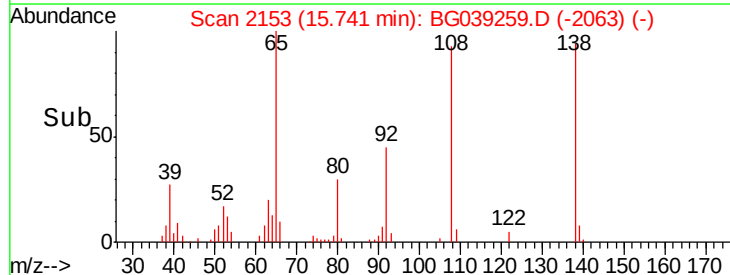
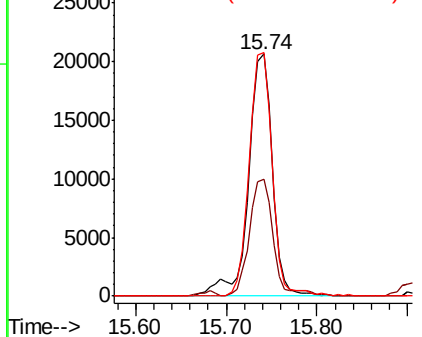


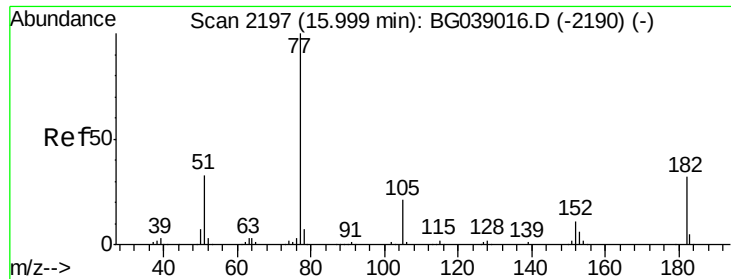
#62
 4-Nitroaniline
 Concen: 40.026 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:138 Resp: 37571
 Ion Ratio Lower Upper
 138 100
 92 48.2 29.7 69.7
 108 100.5 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: 41.115 ng

RT: 15.98 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 131610

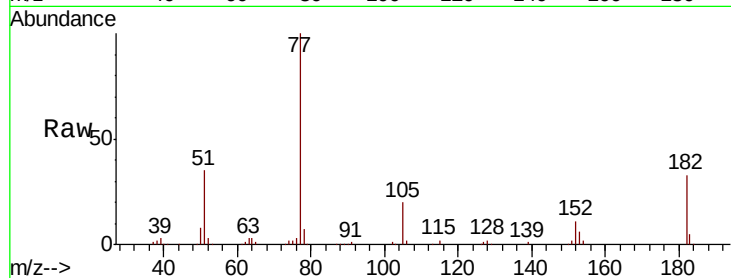
Ion Ratio Lower Upper

77 100

182 33.1 12.2 52.2

105 20.4 1.2 41.2

51 35.2 13.4 53.4

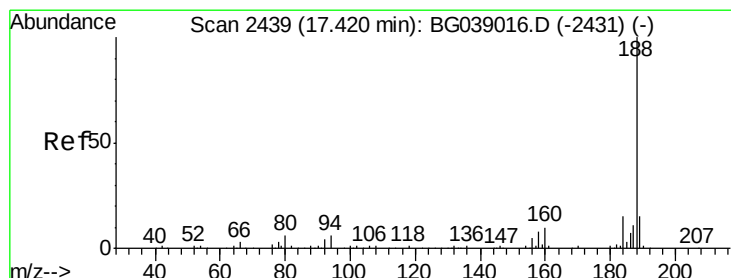
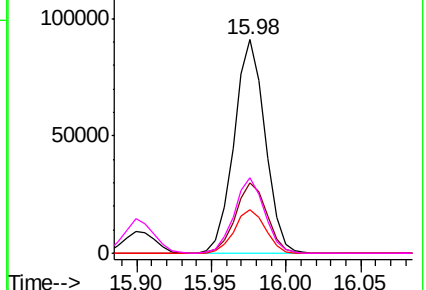
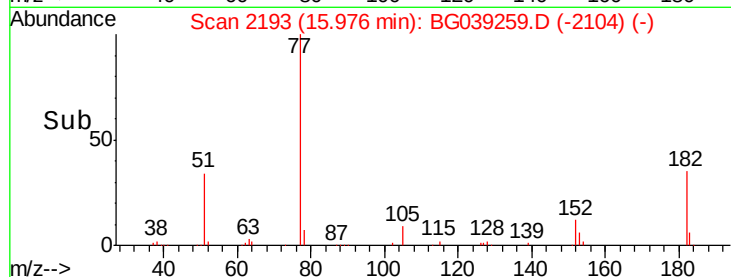


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

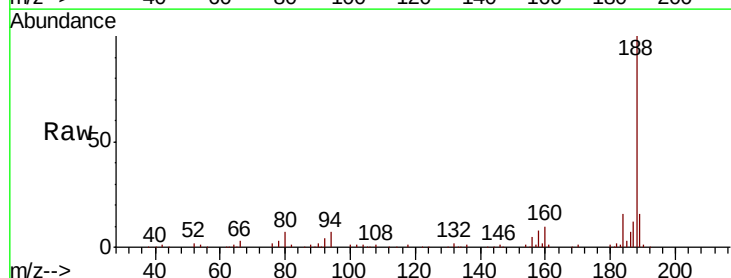
Tgt Ion: 188 Resp: 129883

Ion Ratio Lower Upper

188 100

94 6.9 5.0 7.4

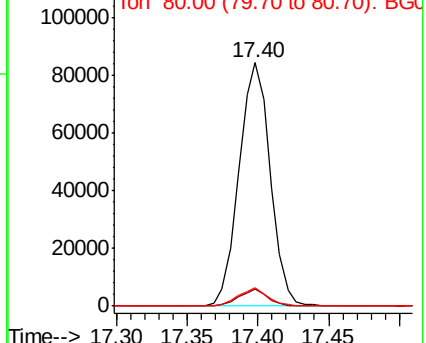
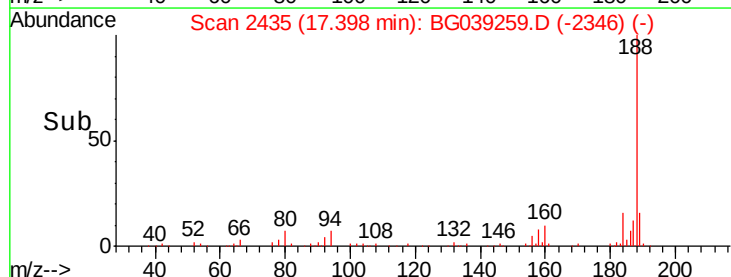
80 7.3 4.7 7.1#

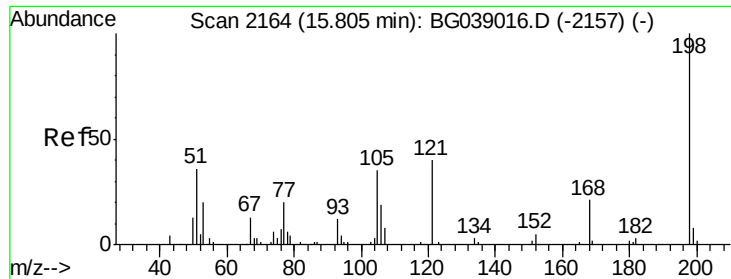


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

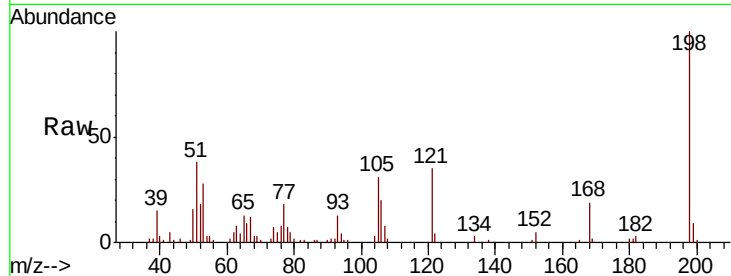




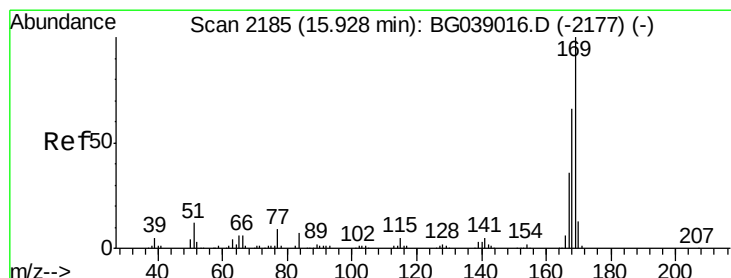
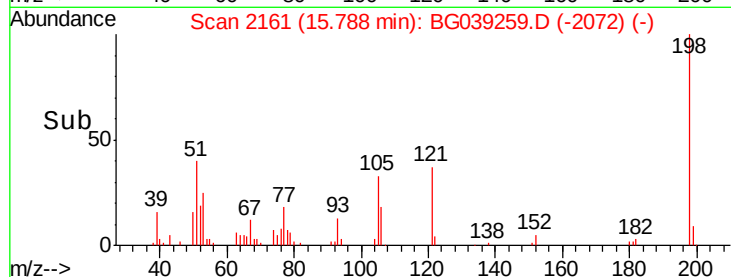
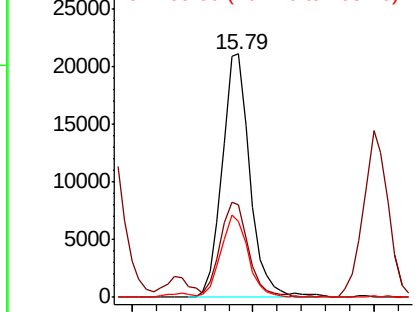
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.968 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 33648
 Ion Ratio Lower Upper
 198 100
 51 38.0 20.8 60.8
 105 31.3 16.1 56.1

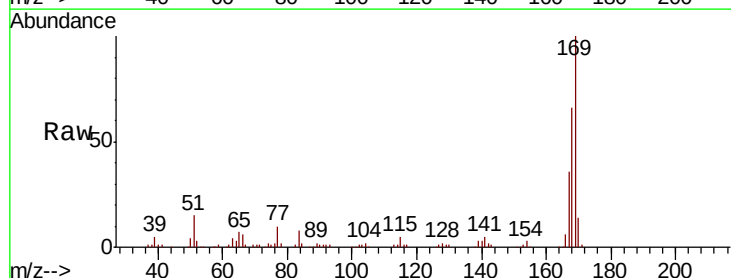


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

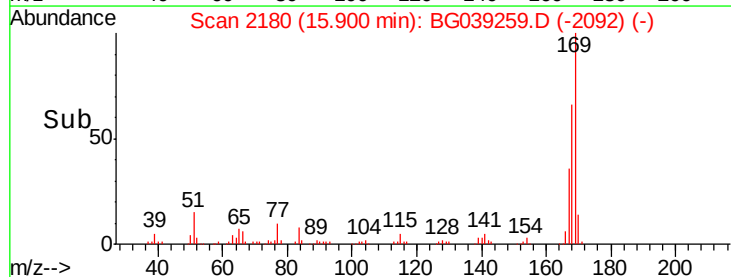
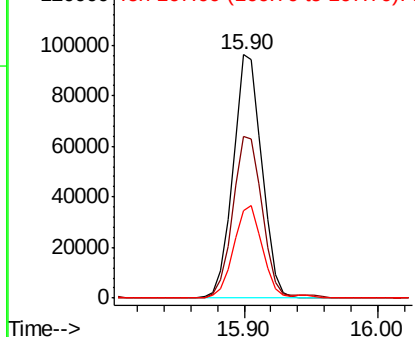


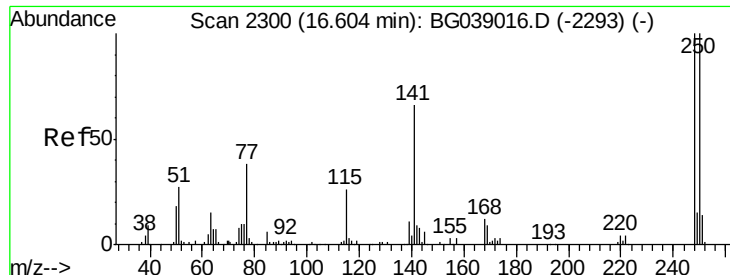
#66
 n-Nitrosodiphenylamine
 Concen: 37.158 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:169 Resp: 143071
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.2 79.8
 167 35.8 29.1 43.7



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

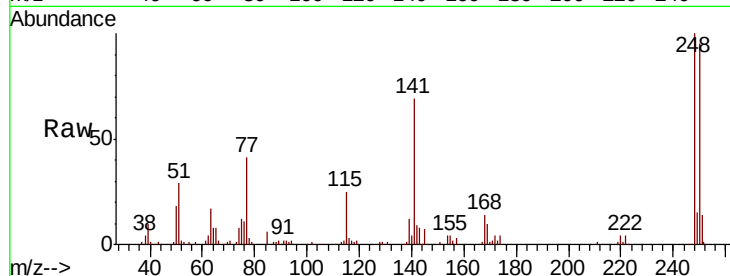




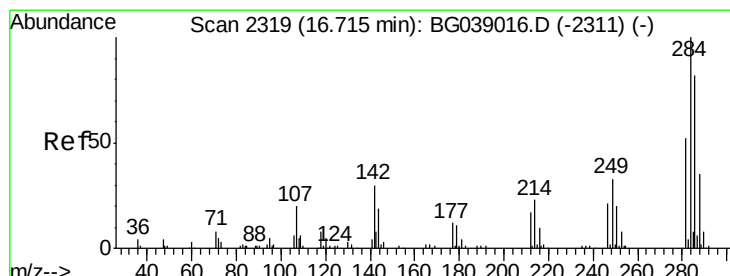
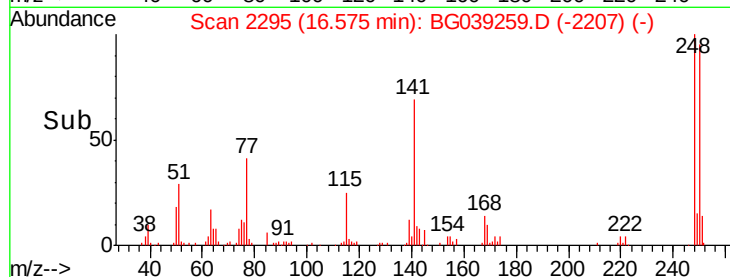
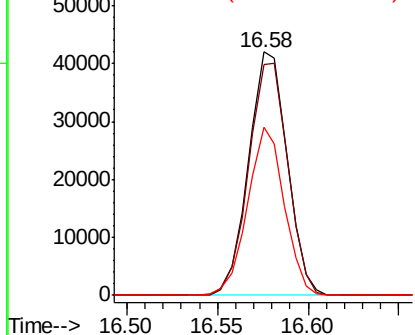
#67
 4-Bromophenyl-phenylether
 Concen: 37.189 ng
 RT: 16.58 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 62090
 Ion Ratio Lower Upper
 248 100
 250 94.6 79.9 119.9
 141 69.1 52.7 79.1

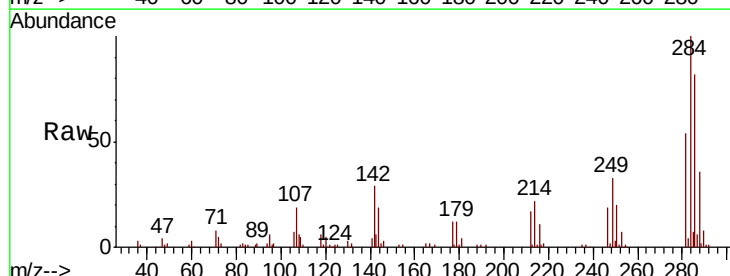


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

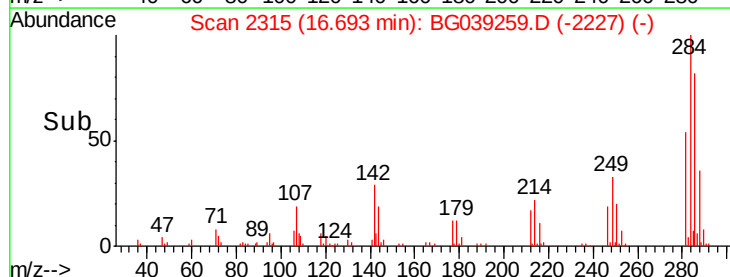
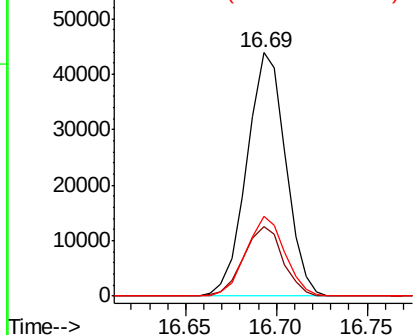


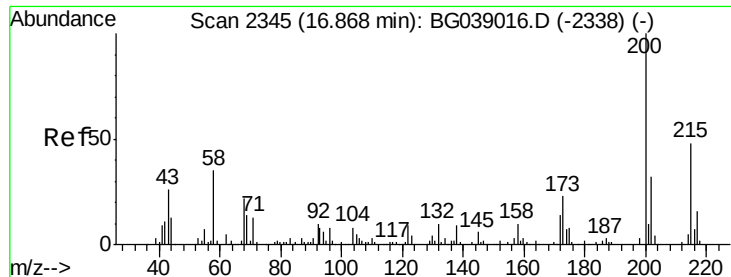
#68
 Hexachlorobenzene
 Concen: 36.007 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:284 Resp: 65599
 Ion Ratio Lower Upper
 284 100
 142 28.7 24.3 36.5
 249 35.2 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: 37.435 ng

RT: 16.85 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

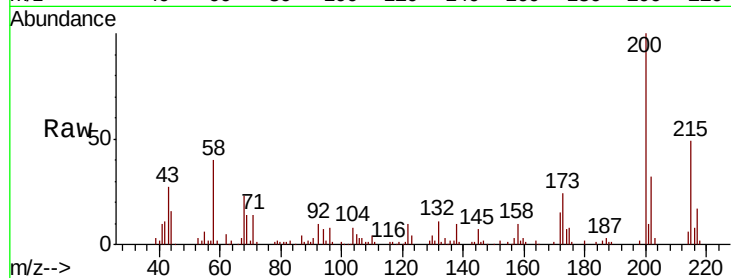
Tot Ion:200 Resp: 61232

Ion Ratio Lower Upper

200 100

173 23.8 2.6 42.6

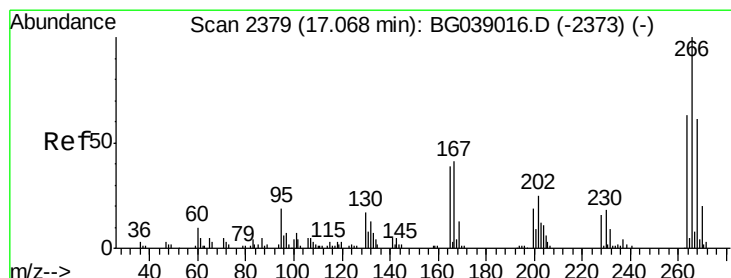
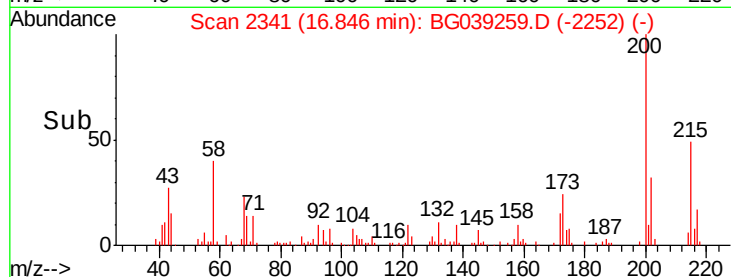
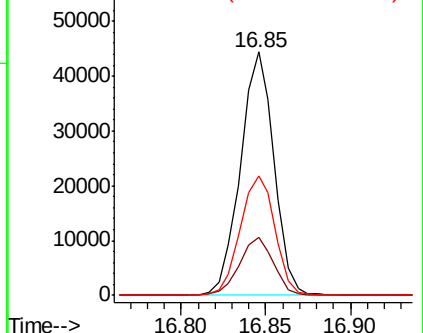
215 49.3 28.0 68.0



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: 57.900 ng

RT: 17.05 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

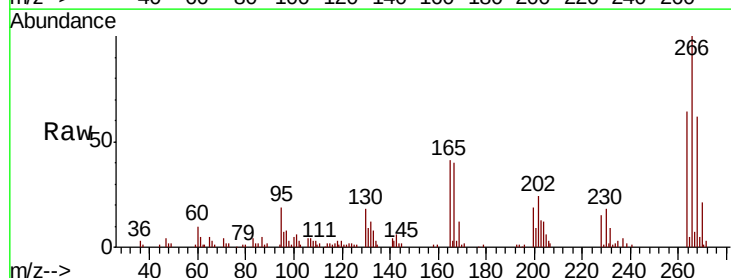
Tgt Ion:266 Resp: 63229

Ion Ratio Lower Upper

266 100

268 67.3 52.0 78.0

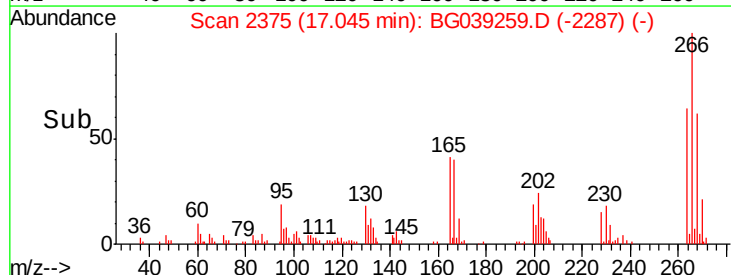
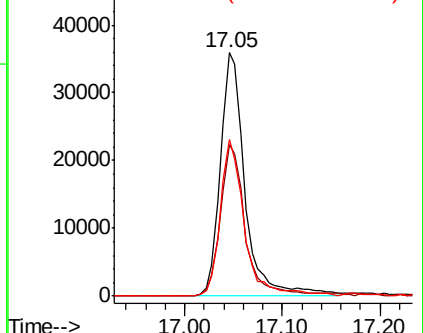
264 69.5 54.6 81.8

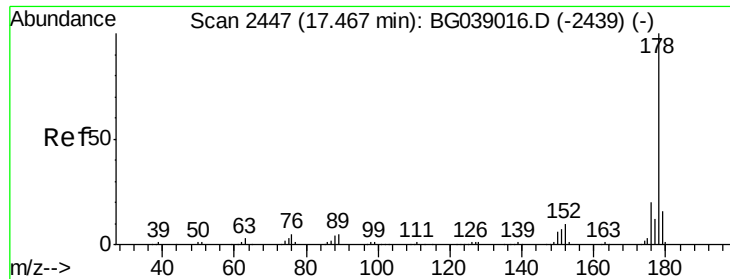


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

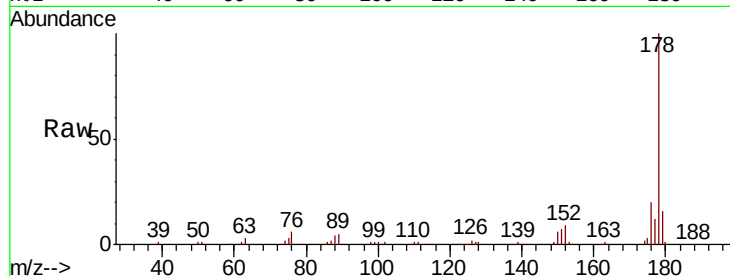




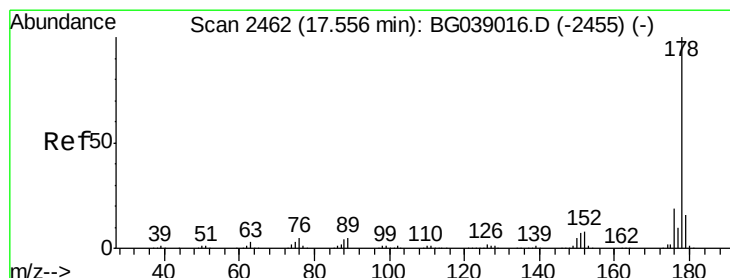
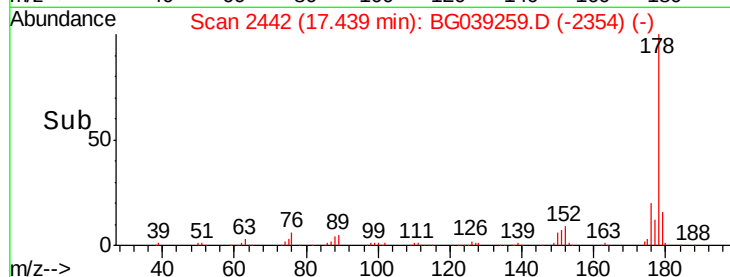
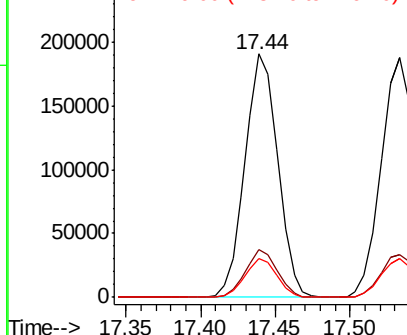
#71
Phenanthrene
Concen: 42.086 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 288929
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.7 12.9 19.3

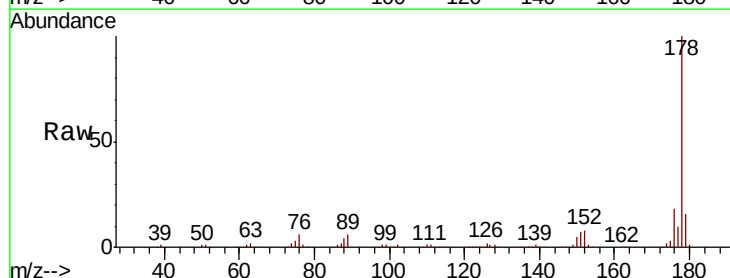


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

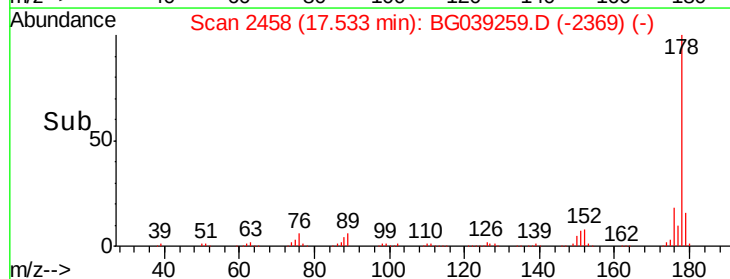
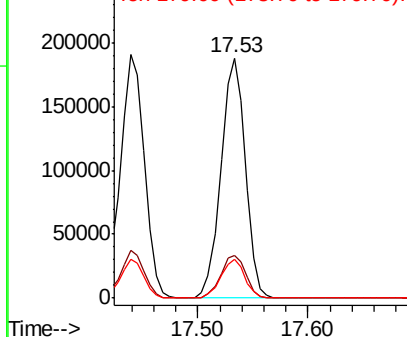


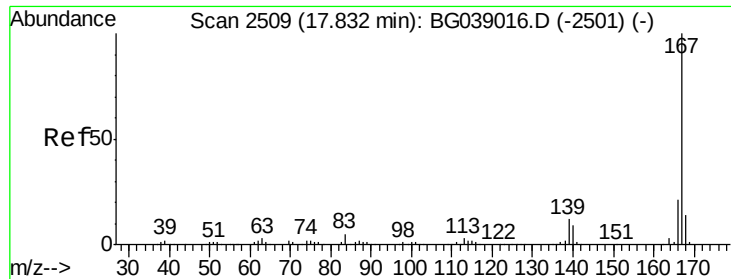
#72
Anthracene
Concen: 42.584 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:178 Resp: 289054
Ion Ratio Lower Upper
178 100
176 17.7 14.9 22.3
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

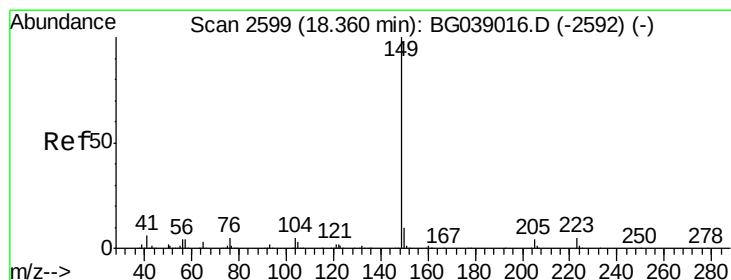
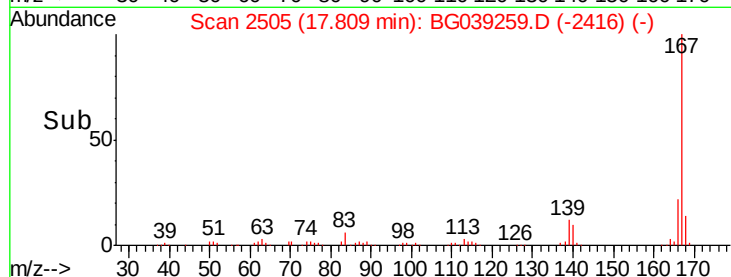
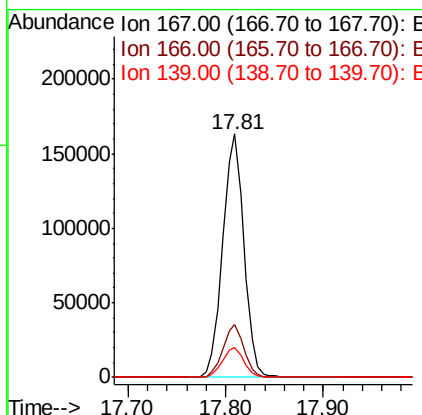
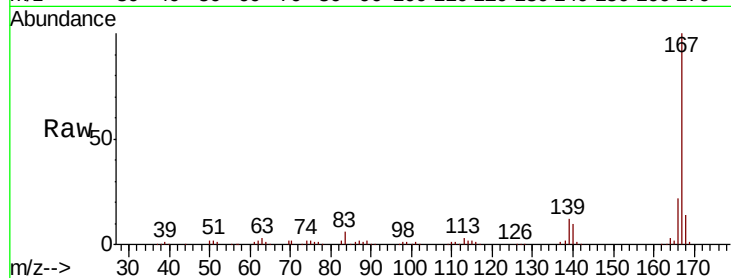




#73
 Carbazole
 Concen: 36.703 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

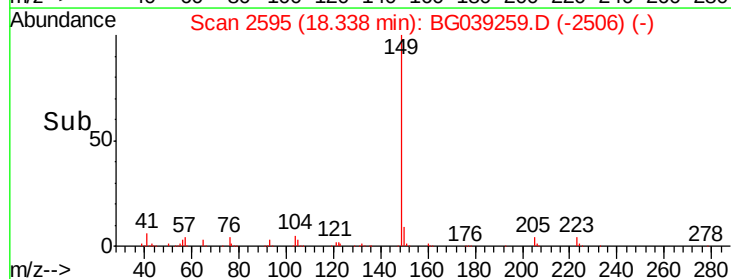
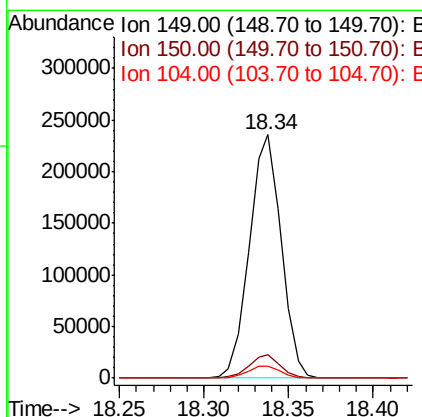
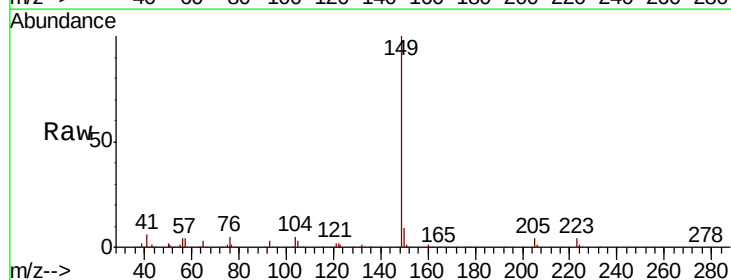
Instrument :
 BNA_G
 ClientSampleId :

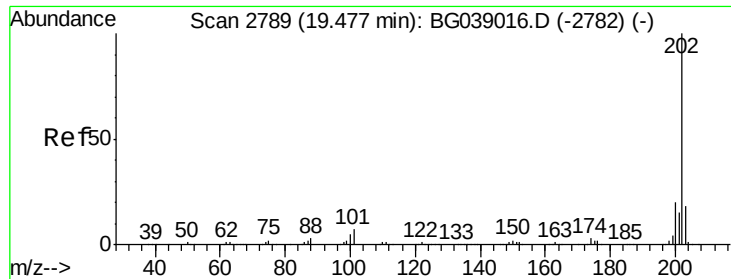
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 41.502 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	4.9	4.2	6.2

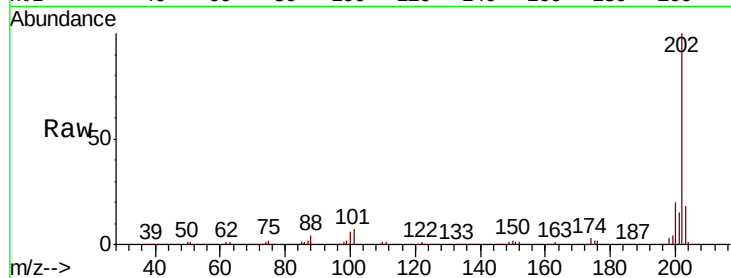




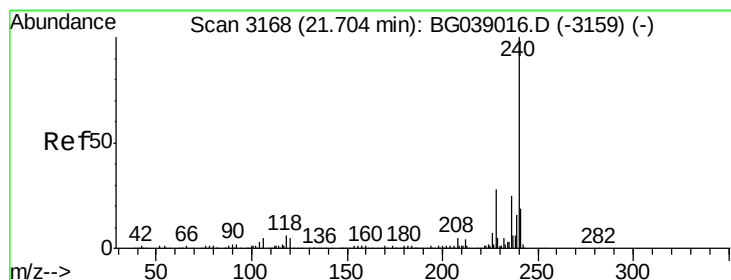
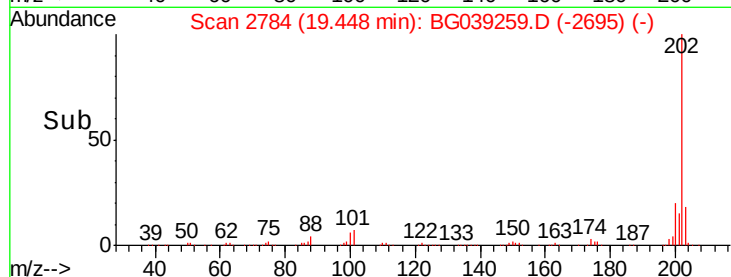
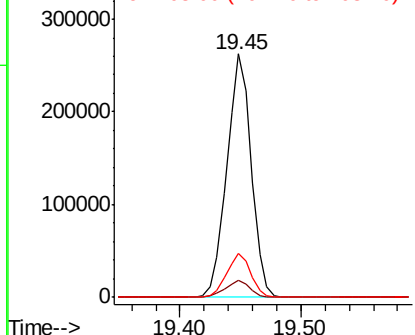
#75
 Fluoranthene
 Concen: 42.996 ng
 RT: 19.45 min Scan# 2784
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	26.9
203	17.9	0.0	38.1

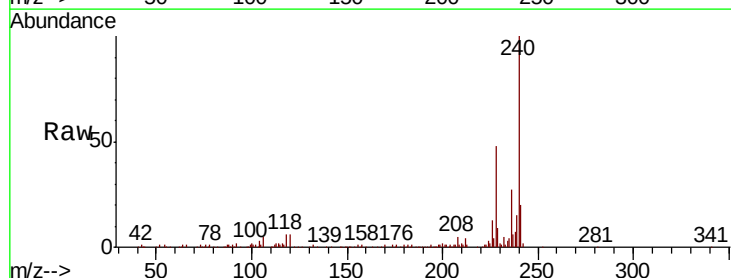


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

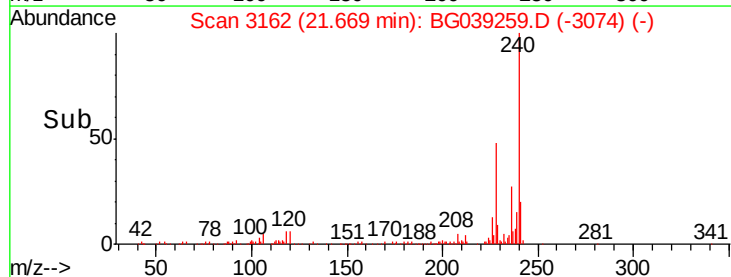
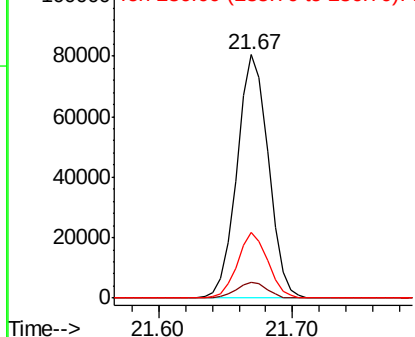


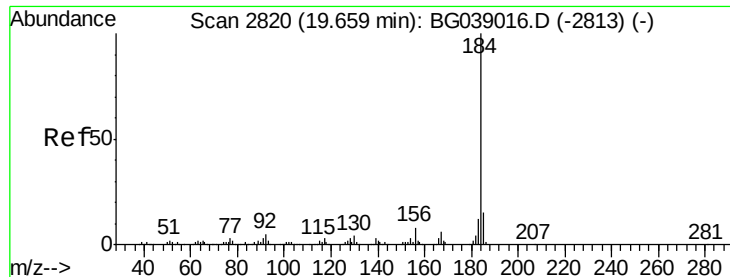
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.3	6.5
236	26.9	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: 31.352 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

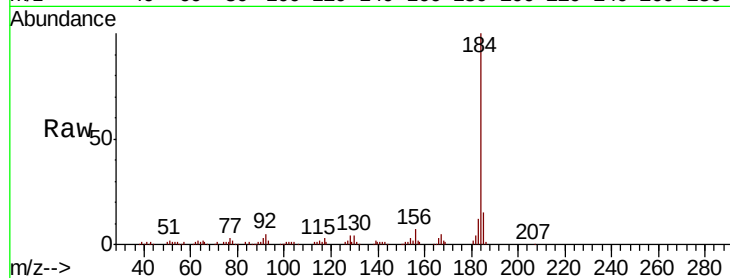
Tot Ion:184 Resp: 125393

Ion Ratio Lower Upper

184 100

185 15.1 12.1 18.1

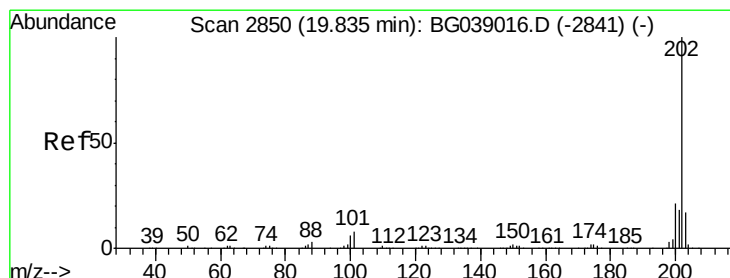
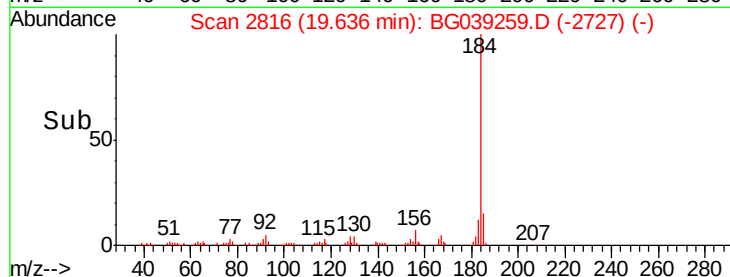
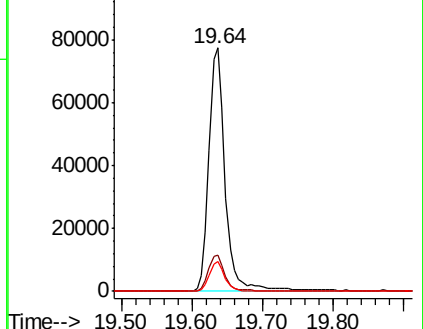
183 12.2 9.5 14.3



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: 43.371 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

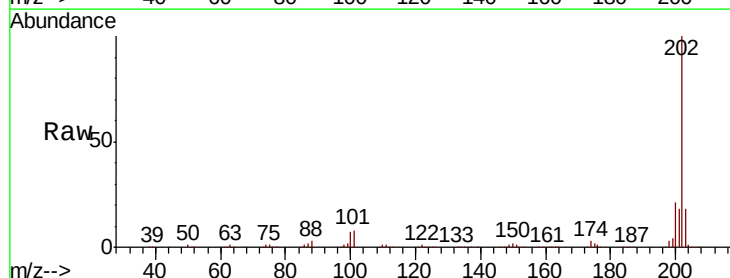
Tgt Ion:202 Resp: 361423

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

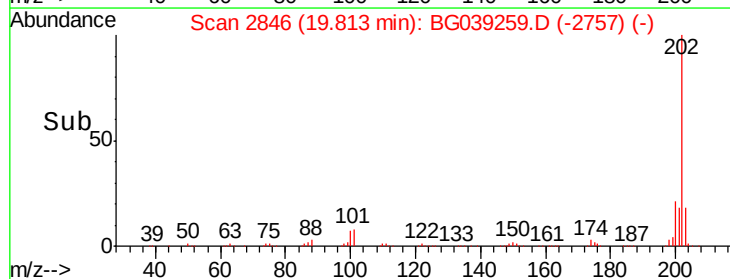
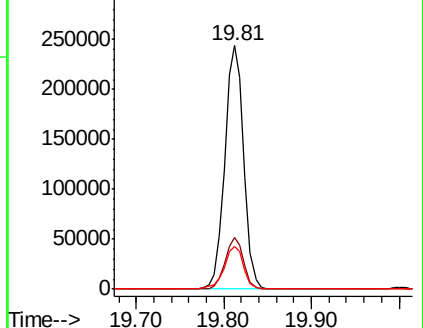
203 17.7 14.0 21.0

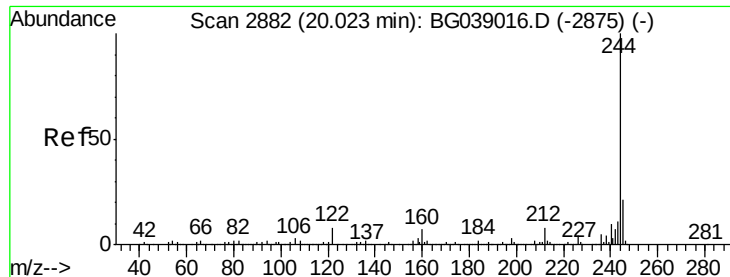


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.146 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampled :

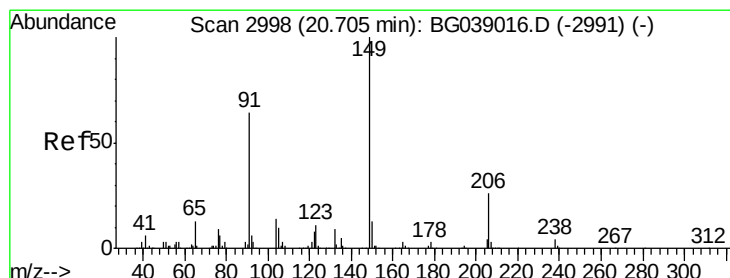
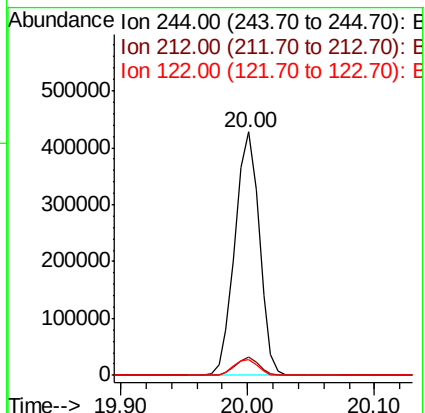
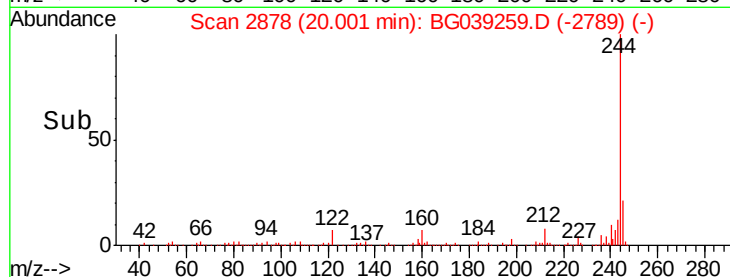
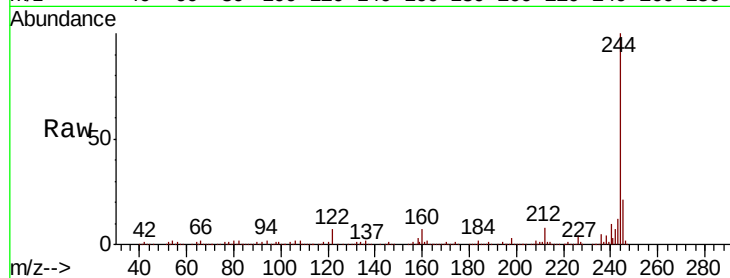
Tot Ion:244 Resp: 566520

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 6.7 6.1 9.1



#80

Butylbenzylphthalate

Concen: 42.828 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

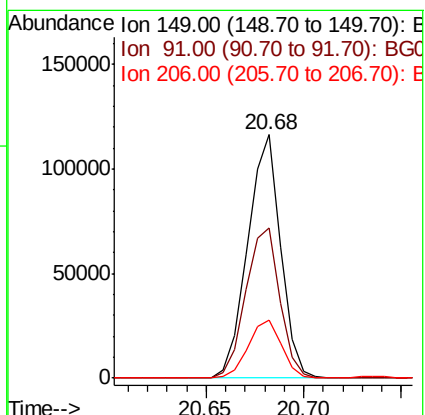
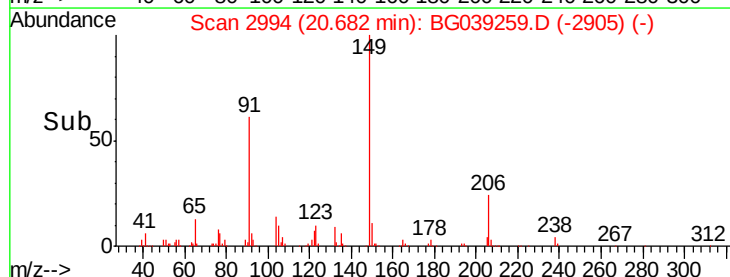
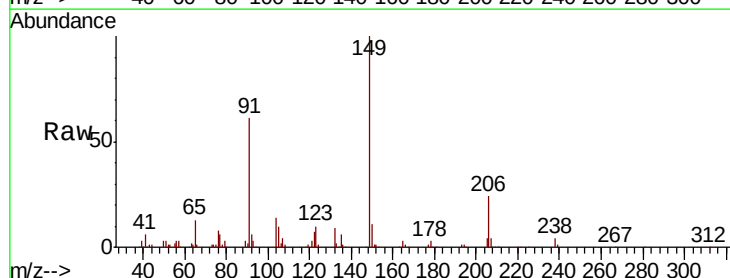
Tgt Ion:149 Resp: 135741

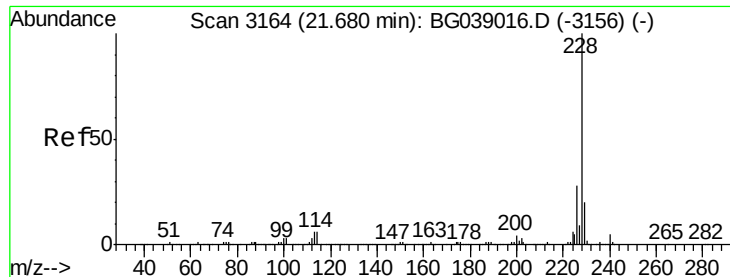
Ion Ratio Lower Upper

149 100

91 61.5 51.4 77.0

206 24.0 20.4 30.6





#81

Benzo(a)anthracene

Concen: 42.647 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampled :

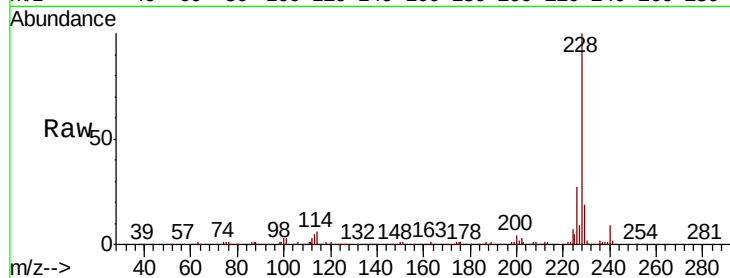
Tot Ion:228 Resp: 339473

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.4	33.6
229	19.3	16.2	24.2

228 100

226 26.8 22.4 33.6

229 19.3 16.2 24.2

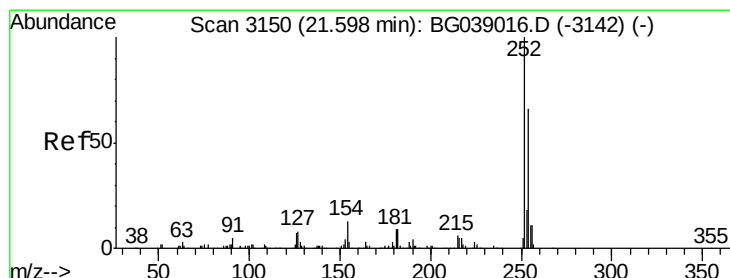
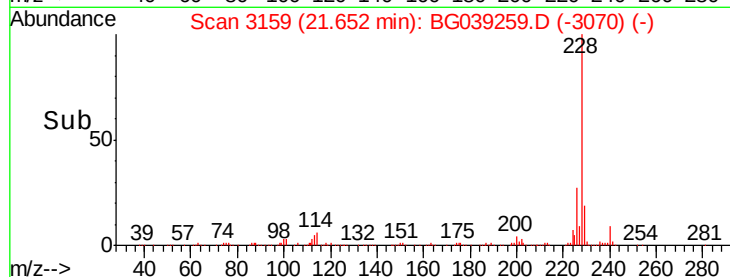
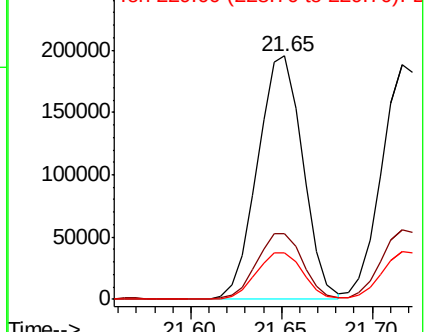


Abundance

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: 27.293 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

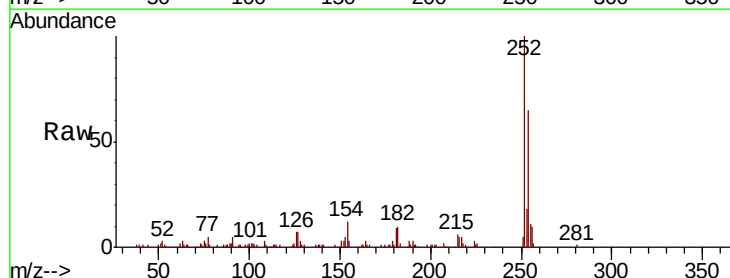
Tgt Ion:252 Resp: 88520

Ion	Ratio	Lower	Upper
252	100		
254	65.2	53.0	79.6
126	7.3	6.0	9.0

252 100

254 65.2 53.0 79.6

126 7.3 6.0 9.0

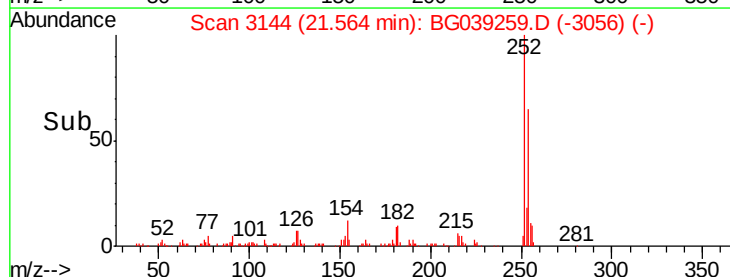
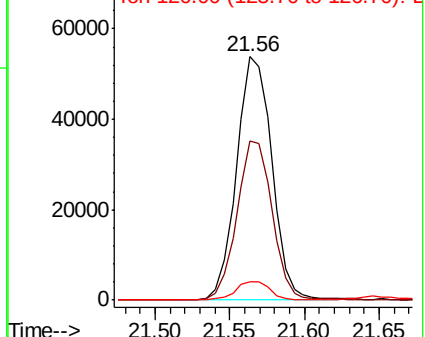


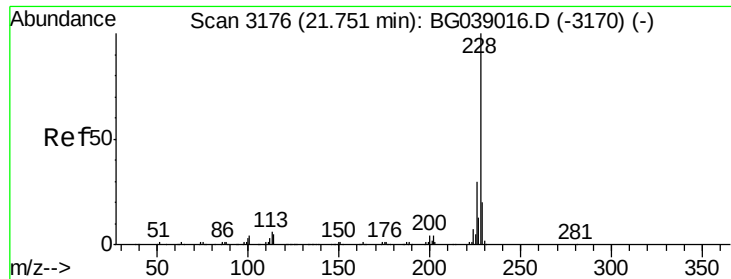
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

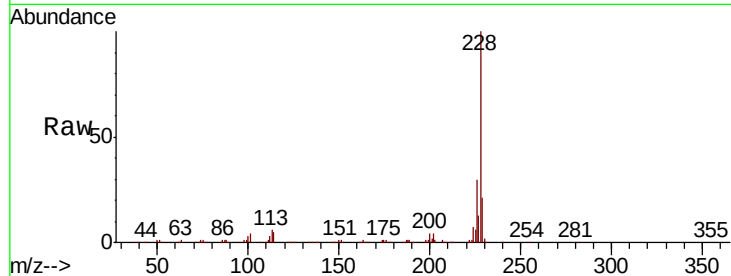




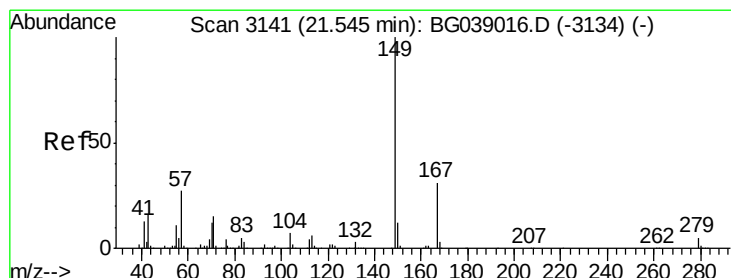
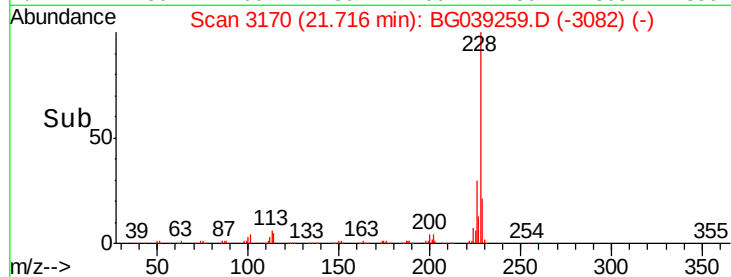
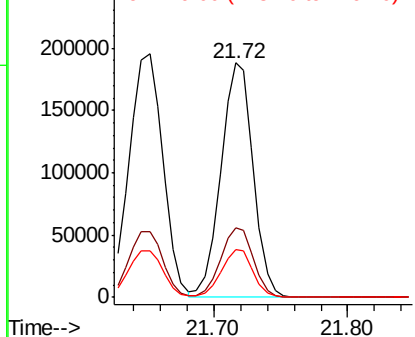
#83
Chrysene
Concen: 41.906 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 317262
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 20.6 16.0 24.0

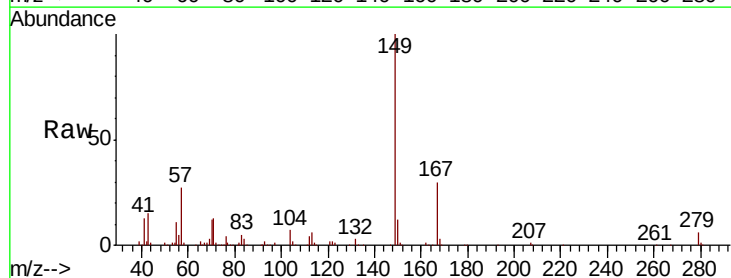


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

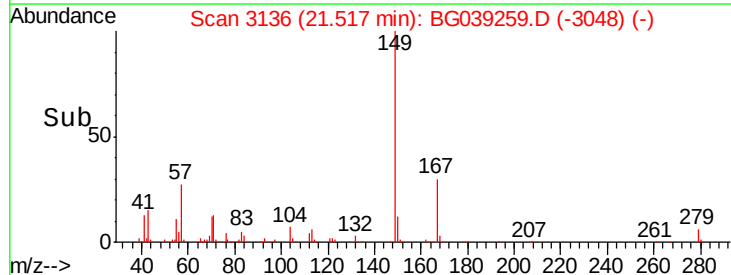
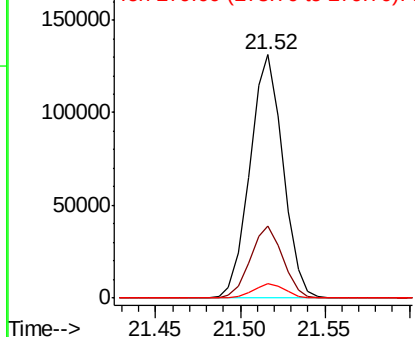


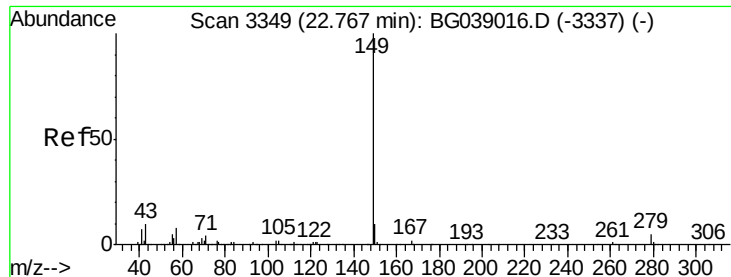
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.602 ng
RT: 21.52 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:149 Resp: 178680
Ion Ratio Lower Upper
149 100
167 29.9 25.0 37.4
279 5.8 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.913 ng

RT: 22.73 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

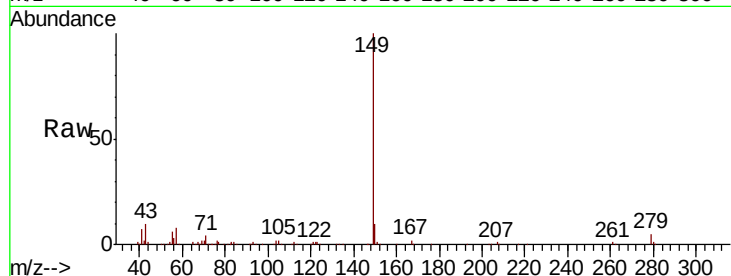
Tot Ion:149 Resp: 326773

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

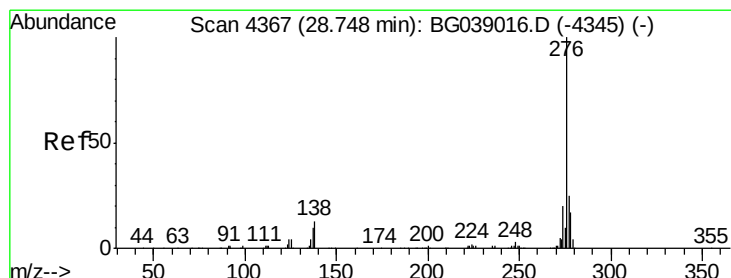
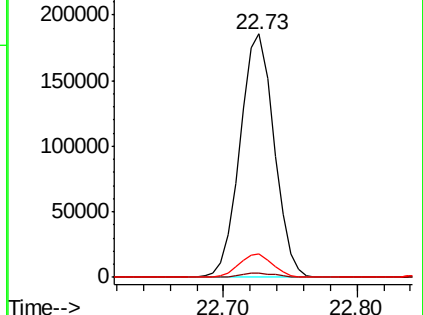
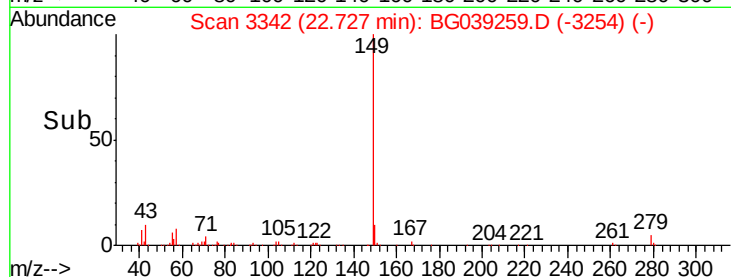
43 9.6 7.5 11.3



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.316 ng

RT: 28.66 min Scan# 4352

Delta R.T. -0.03 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

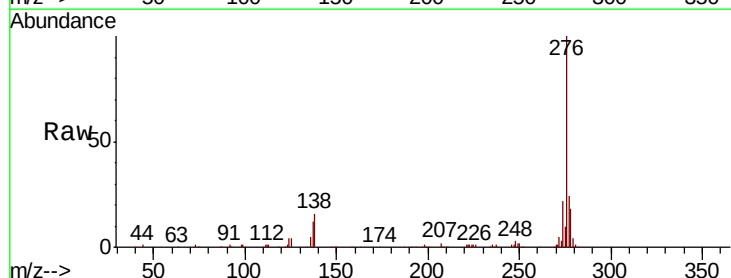
Tgt Ion:276 Resp: 464216

Ion Ratio Lower Upper

276 100

138 7.7 8.0 12.0#

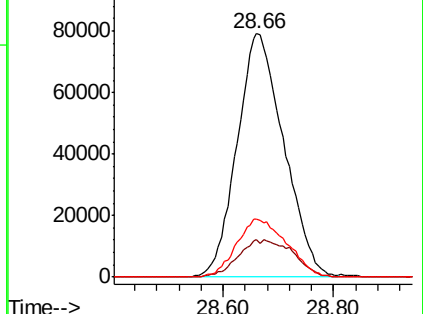
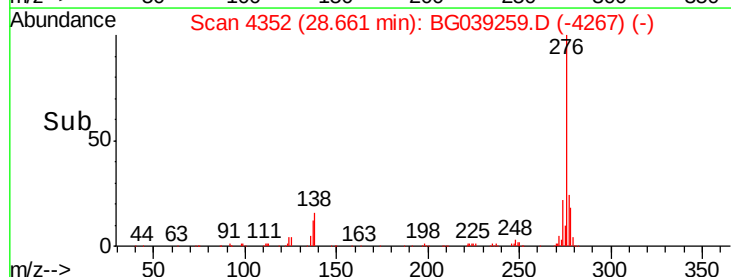
277 25.7 20.3 30.5

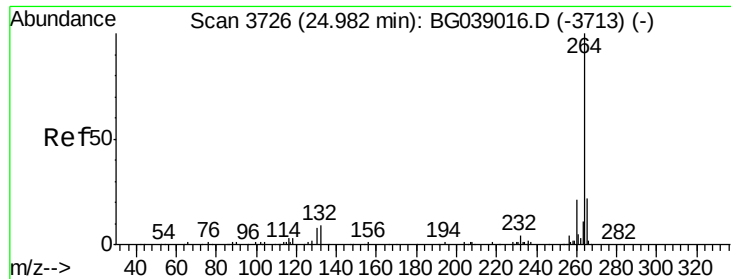


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

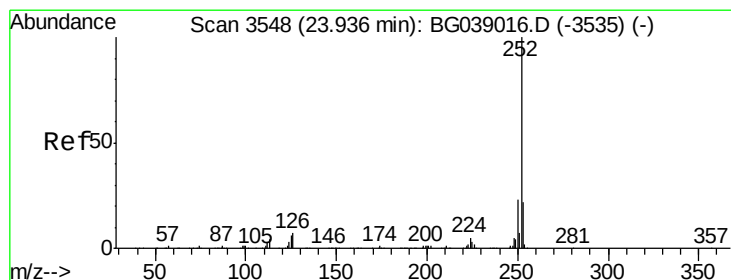
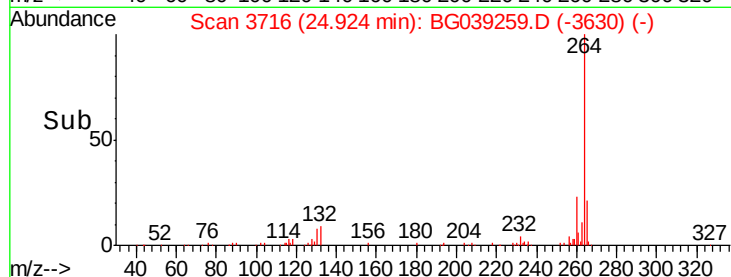
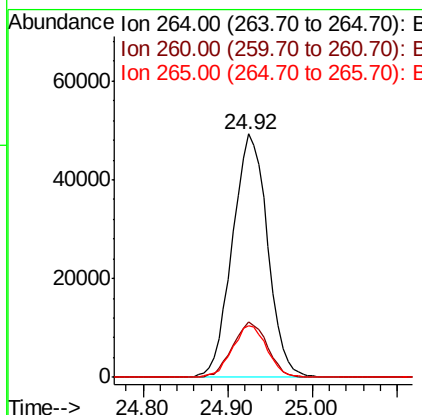
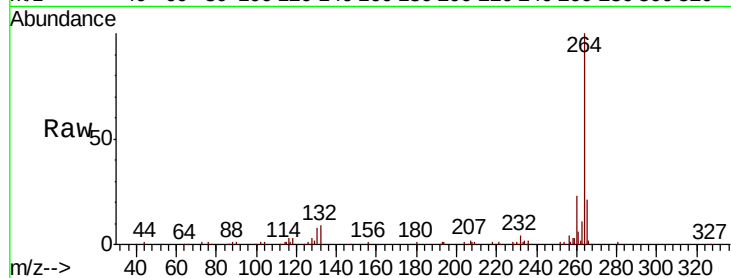




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

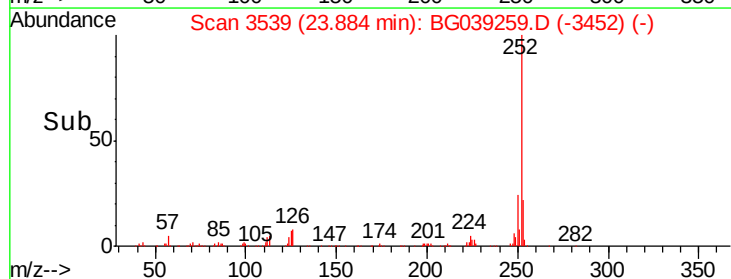
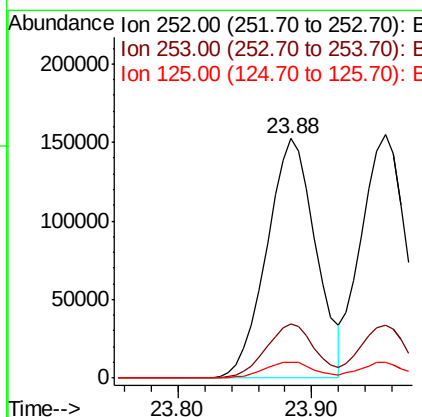
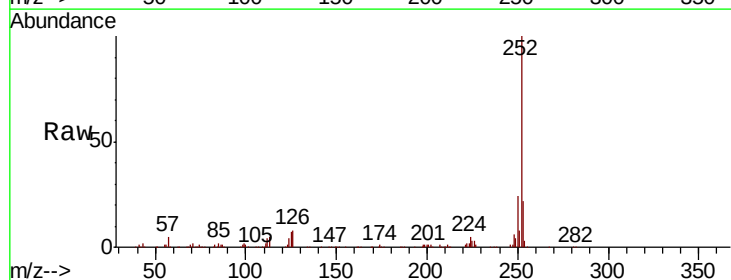
Instrument :
BNA_G
ClientSampleId :

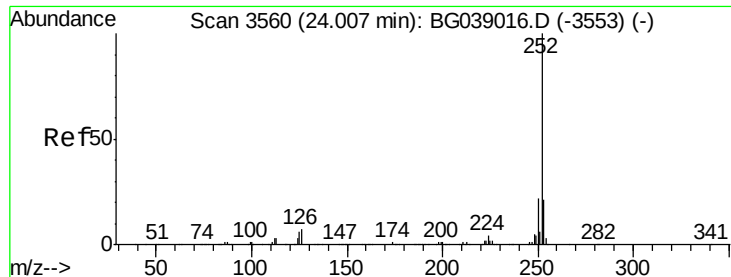
Tot Ion:264 Resp: 142165
Ion Ratio Lower Upper
264 100
260 22.7 17.0 25.6
265 20.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 49.624 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:252 Resp: 389001
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 6.7 4.9 7.3

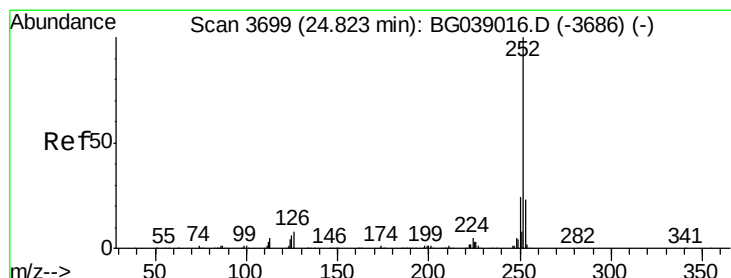
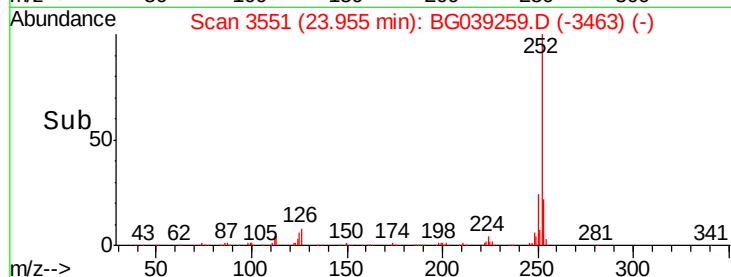
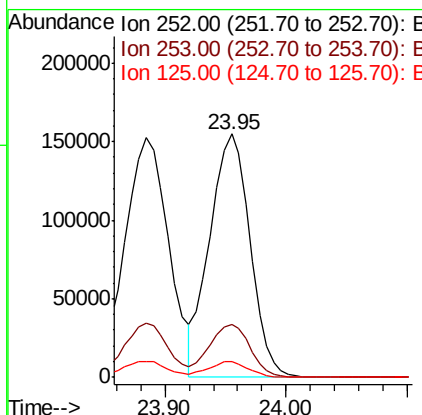
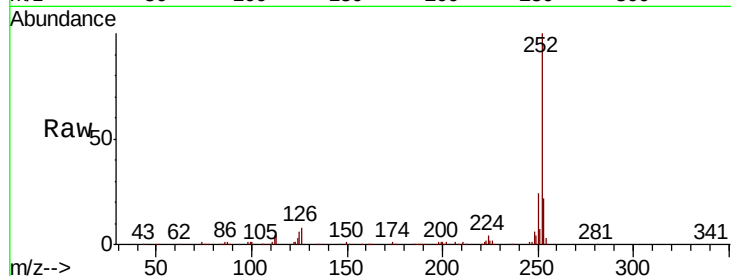




#89
Benzo(k)fluoranthene
Concen: 46.106 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

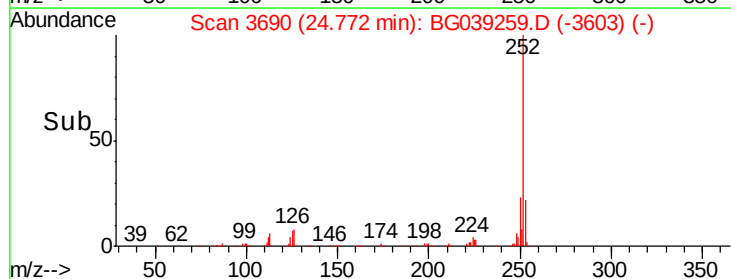
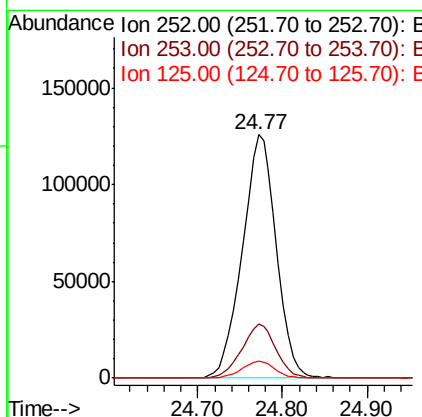
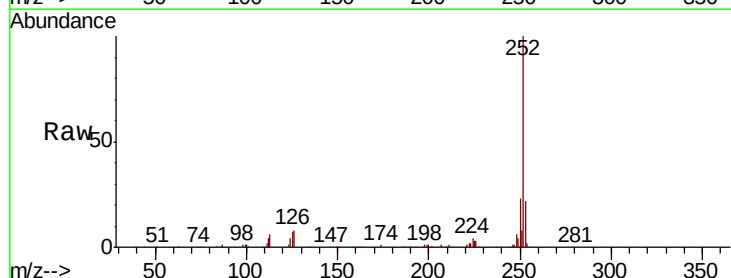
Instrument :
BNA_G
ClientSampleId :

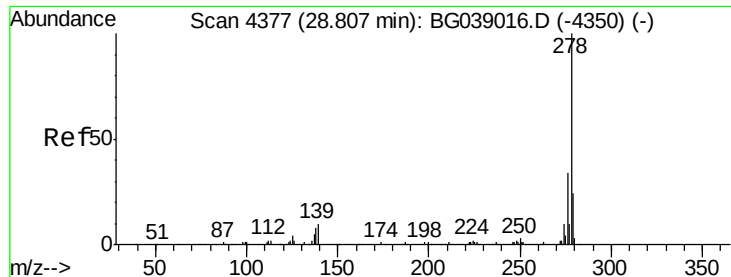
Tot Ion:252 Resp: 357350
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 6.3 4.6 7.0



#90
Benzo(a)pyrene
Concen: 46.180 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:252 Resp: 349906
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 6.8 4.9 7.3





#91

Dibenzo(a,h)anthracene

Concen: 51.009 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

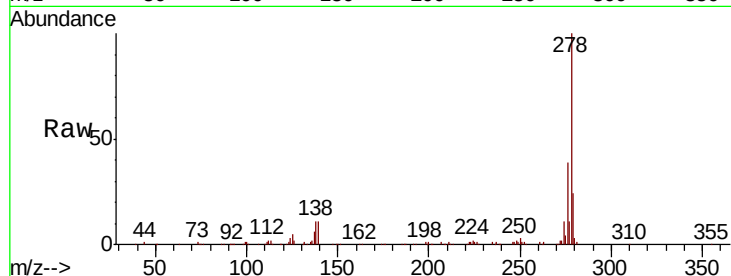
Tot Ion:278 Resp: 384433

Ion Ratio Lower Upper

278 100

139 11.4 7.9 11.9

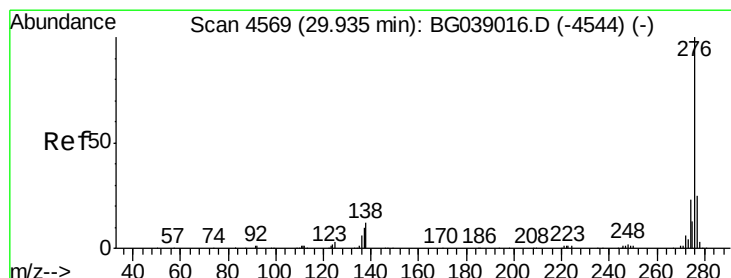
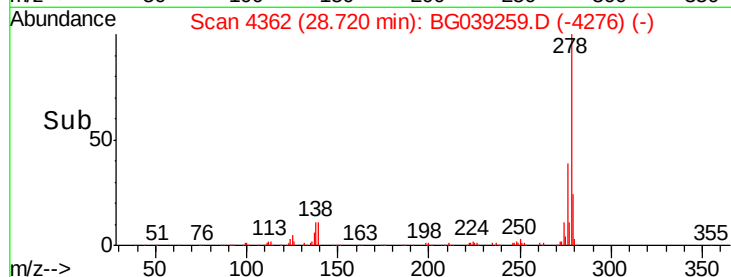
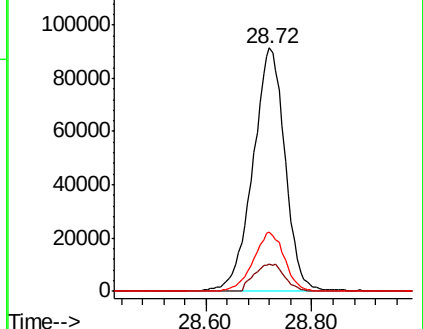
279 24.4 19.3 28.9



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: 51.328 ng

RT: 29.85 min Scan# 4554

Delta R.T. -0.02 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

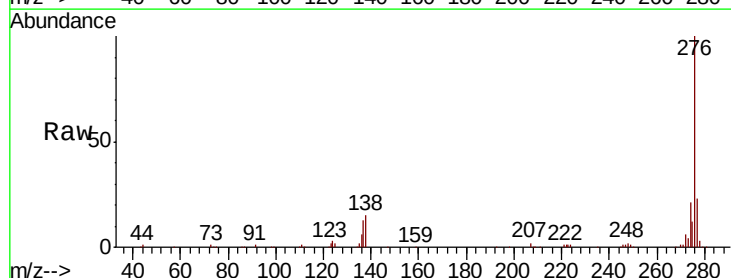
Tgt Ion:276 Resp: 382967

Ion Ratio Lower Upper

276 100

277 22.9 20.3 30.5

138 15.3 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

