

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039311.D
 Acq On : 29 Jan 2019 10:15
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 12:11:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 10:46:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	38155	20.00	ng	-0.01
21) Naphthalene-d8	11.01	136	171498	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	114076	20.00	ng	-0.03
64) Phenanthrene-d10	17.56	188	276045	20.00	ng	-0.03
76) Chrysene-d12	21.85	240	287980	20.00	ng	-0.01
87) Perylene-d12	25.25	264	282418	20.00	ng	0.12

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	44941	22.34	ng	-0.03
7) Phenol-d6	7.31	99	68310	23.60	ng	-0.04
23) Nitrobenzene-d5	9.36	82	41614	13.28	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	20738	10.84	ng	-0.05
45) 2-Fluorobiphenyl	13.43	172	165224	19.82	ng	-0.02
79) Terphenyl-d14	20.15	244	295145	18.96	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	10318	13.100	ng	# 88
3) Pyridine	4.03	79	25281	11.812	ng	94
4) n-Nitrosodimethylamine	3.95	42	12317	12.789	ng	# 82
6) Aniline	7.51	93	41609	11.969	ng	95
8) 2-Chlorophenol	7.74	128	25562	10.781	ng	89
9) Benzaldehyde	7.32	77	23100	13.838	ng	# 82
10) Phenol	7.34	94	35788	12.332	ng	95
11) bis(2-Chloroethyl)ether	7.60	93	28952	13.053	ng	95
12) 1,3-Dichlorobenzene	8.07	146	31422	11.061	ng	91
13) 1,4-Dichlorobenzene	8.22	146	32157	11.177	ng	98
14) 1,2-Dichlorobenzene	8.54	146	30726	11.201	ng	93
15) Benzyl Alcohol	8.42	79	26084	11.966	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.71	45	65992	15.516	ng	93
17) 2-Methylphenol	8.60	107	22213	11.023	ng	92
18) Hexachloroethane	9.27	117	10524	10.767	ng	# 84
19) n-Nitroso-di-n-propylamine	8.99	70	24794	13.044	ng	# 95
20) 3+4-Methylphenols	8.93	107	30740	10.699	ng	95
22) Acetophenone	9.01	105	46053	10.283	ng	# 96
24) Nitrobenzene	9.40	77	23700	7.481	ng	93
25) Isophorone	9.92	82	60725	11.248	ng	# 92
26) 2-Nitrophenol	10.11	139	7101	4.144	ng	94
27) 2,4-Dimethylphenol	10.15	122	24834	10.302	ng	93
28) bis(2-Chloroethoxy)methane	10.40	93	37517	11.563	ng	96
29) 2,4-Dichlorophenol	10.64	162	25221	8.422	ng	94
30) 1,2,4-Trichlorobenzene	10.87	180	29913	8.313	ng	95
31) Naphthalene	11.06	128	85491	9.939	ng	98
32) Benzoic acid	10.21	122	7408	5.801	ng	91
33) 4-Chloroaniline	11.16	127	40287	10.468	ng	97
34) Hexachlorobutadiene	11.32	225	19924	8.047	ng	92
35) Caprolactam	11.93	113	10792	8.986	ng	# 72
36) 4-Chloro-3-methylphenol	12.26	107	29948	9.350	ng	92
37) 2-Methylnaphthalene	12.65	142	63779	9.890	ng	97
38) 1-Methylnaphthalene	12.87	142	61258	9.897	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	35514	8.290	ng	# 95

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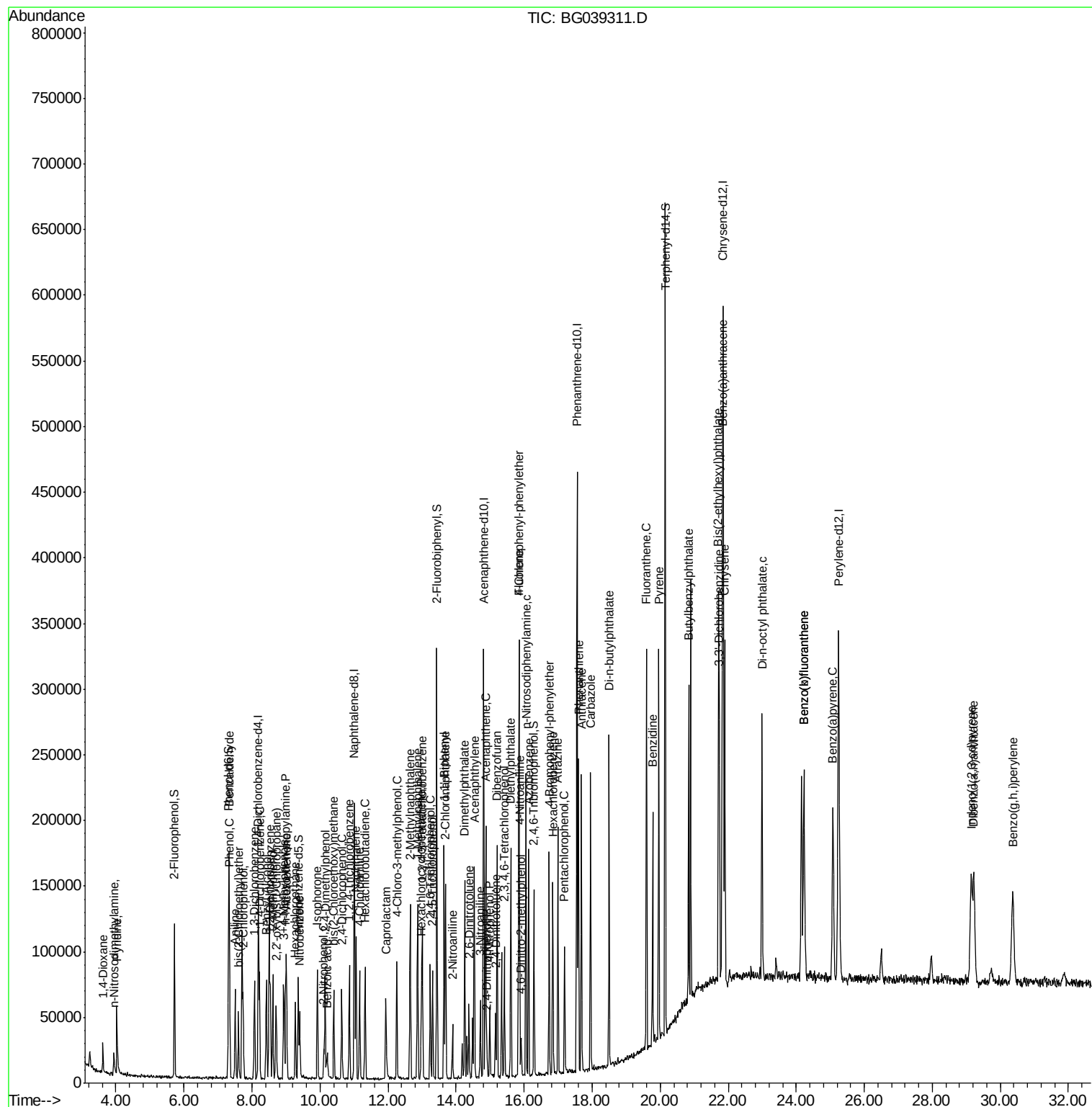
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	17877	8.487	ng	98
43) 2,4,6-Trichlorophenol	13.24	196	20611	7.644	ng	99
44) 2,4,5-Trichlorophenol	13.31	196	21504	7.546	ng #	92
46) 1,1'-Biphenyl	13.65	154	94968	10.506	ng	96
47) 2-Chloronaphthalene	13.69	162	71669	9.798	ng	97
48) 2-Nitroaniline	13.90	65	10779	5.260	ng	89
49) Acenaphthylene	14.54	152	111020	10.098	ng	98
50) Dimethylphthalate	14.25	163	93583	9.708	ng	99
51) 2,6-Dinitrotoluene	14.38	165	9797	4.546	ng	89
52) Acenaphthene	14.87	154	69662	10.546	ng	91
53) 3-Nitroaniline	14.71	138	11500	5.260	ng #	89
54) 2,4-Dinitrophenol	14.91	184	4068	3.652	ng #	81
55) Dibenzofuran	15.21	168	114636	9.826	ng	98
56) 4-Nitrophenol	14.99	139	9826	6.246	ng	87
57) 2,4-Dinitrotoluene	15.16	165	11666	3.773	ng #	82
58) Fluorene	15.85	166	88250	10.049	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.42	232	20388	7.579	ng	95
60) Diethylphthalate	15.61	149	98485	9.916	ng	99
61) 4-Chlorophenyl-phenylether	15.84	204	49155	8.885	ng	92
62) 4-Nitroaniline	15.87	138	12708	5.580	ng	91
63) Azobenzene	16.13	77	96727	12.453	ng	94
65) 4,6-Dinitro-2-methylphenol	15.91	198	6166	3.015	ng	87
66) n-Nitrosodiphenylamine	16.05	169	86640	10.587	ng	98
67) 4-Bromophenyl-phenylether	16.73	248	30785	8.676	ng	89
68) Hexachlorobenzene	16.85	284	29709	7.673	ng #	91
69) Atrazine	16.99	200	33446	9.621	ng	99
70) Pentachlorophenol	17.19	266	17092	8.251	ng	94
71) Phenanthrene	17.60	178	150051	10.284	ng	98
72) Anthracene	17.69	178	146424	10.150	ng	98
73) Carbazole	17.96	167	149091	10.469	ng	95
74) Di-n-butylphthalate	18.50	149	172391	10.881	ng	98
75) Fluoranthene	19.59	202	177948	9.838	ng	96
77) Benzidine	19.78	184	101414	11.514	ng	98
78) Pyrene	19.96	202	184646	10.061	ng	100
80) Butylbenzylphthalate	20.83	149	70845	10.149	ng	90
81) Benzo(a)anthracene	21.83	228	171577	9.787	ng	97
82) 3,3'-Dichlorobenzidine	21.74	252	63738	8.923	ng #	94
83) Chrysene	21.90	228	163724	9.820	ng	100
84) Bis(2-ethylhexyl)phthalate	21.72	149	106214	10.959	ng #	93
85) Di-n-octyl phthalate	22.99	149	173259	10.572	ng #	92
86) Indeno(1,2,3-cd)pyrene	29.14	276	165253	8.295	ng #	95
88) Benzo(b)fluoranthene	24.23	252	158854	10.201	ng #	97
89) Benzo(k)fluoranthene	24.23	252	158854	10.317	ng #	98
90) Benzo(a)pyrene	25.08	252	148475	9.864	ng #	94
91) Dibenzo(a,h)anthracene	29.22	278	139357	9.308	ng #	93
92) Benzo(g,h,i)perylene	30.37	276	134681	9.087	ng #	90

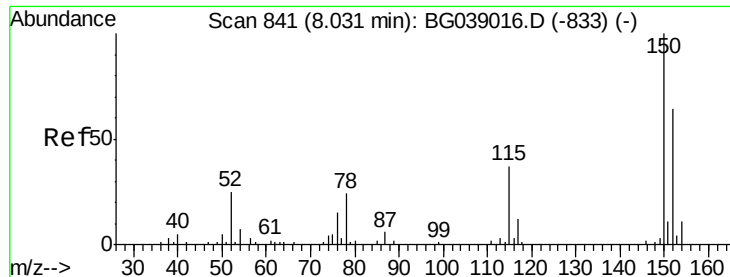
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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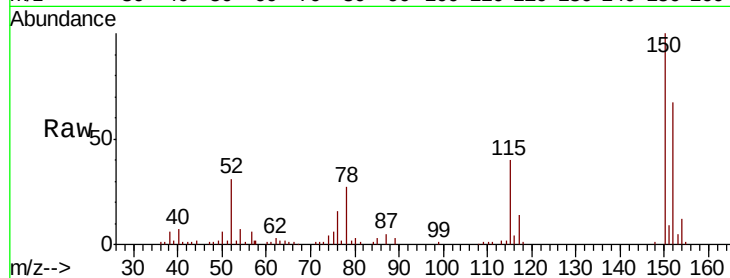


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.01 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	124.7	187.1
115	59.7	46.5	69.7

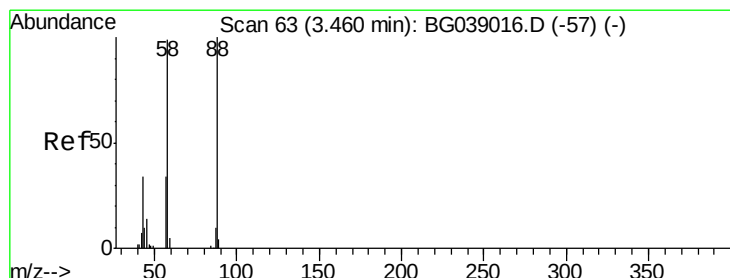
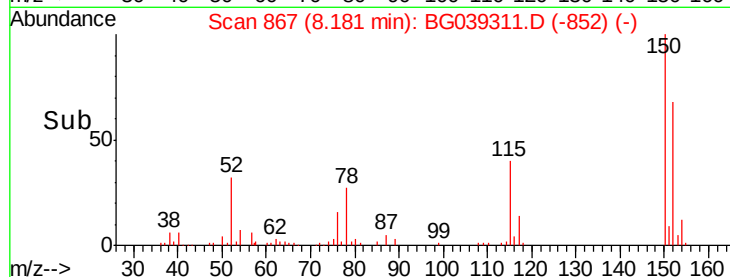
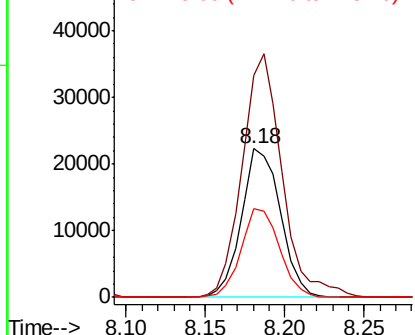


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

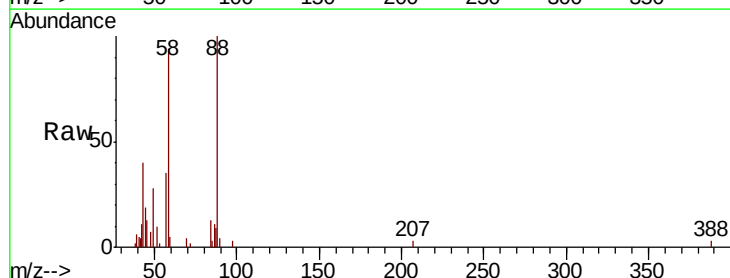
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 13.100 ng
RT: 3.62 min Scan# 91
Delta R.T. -0.00 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.2	72.4	108.6
43	46.6	27.6	41.4

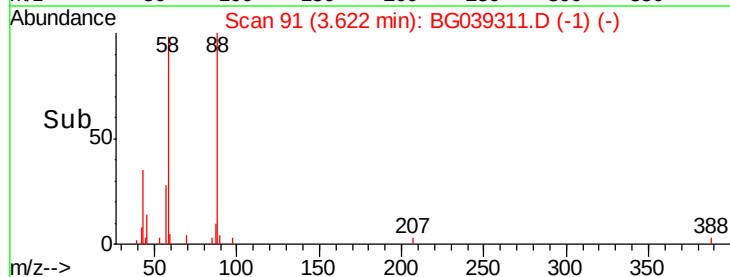
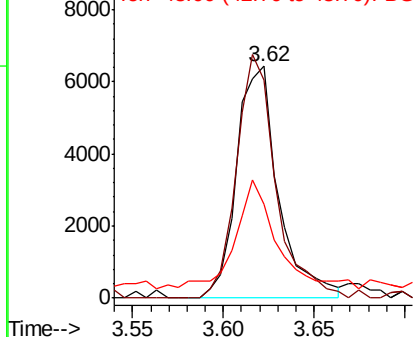


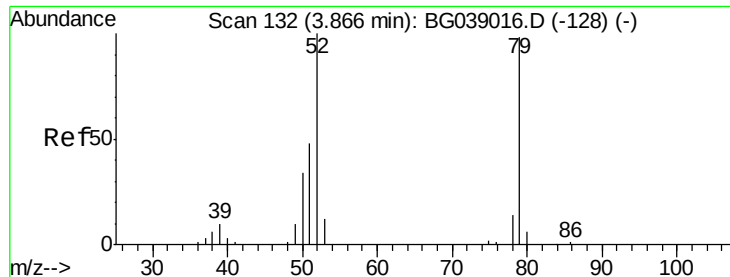
Abundance

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: 11.812 ng

RT: 4.03 min Scan# 160

Delta R.T. -0.00 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

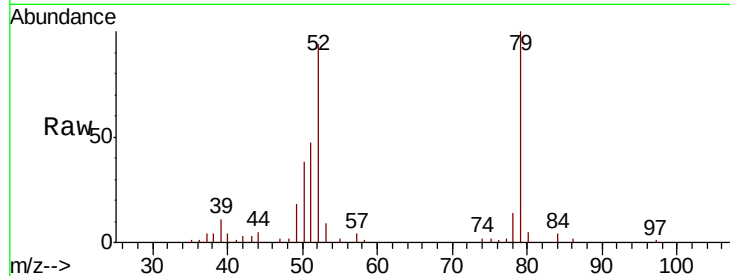
Tot Ion: 79 Resp: 25281

Ion Ratio Lower Upper

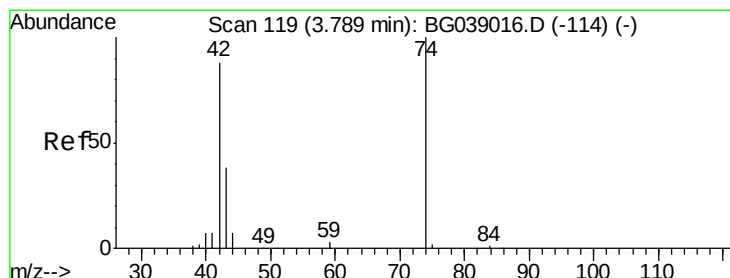
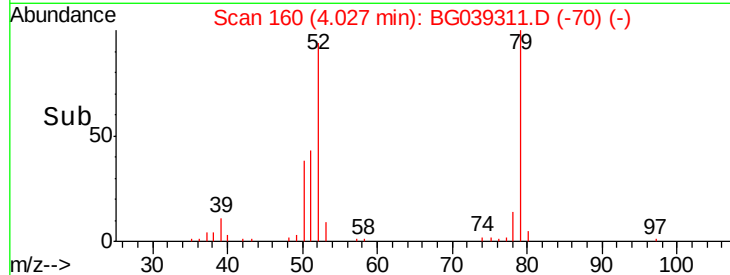
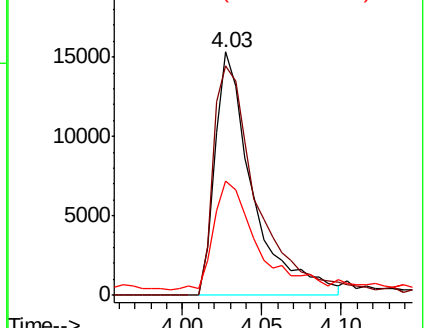
79 100

52 94.1 81.5 122.3

51 47.1 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 12.789 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

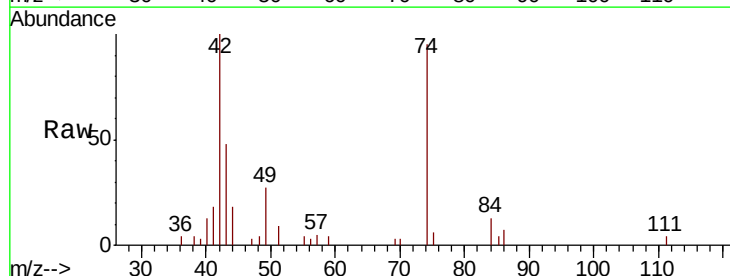
Tgt Ion: 42 Resp: 12317

Ion Ratio Lower Upper

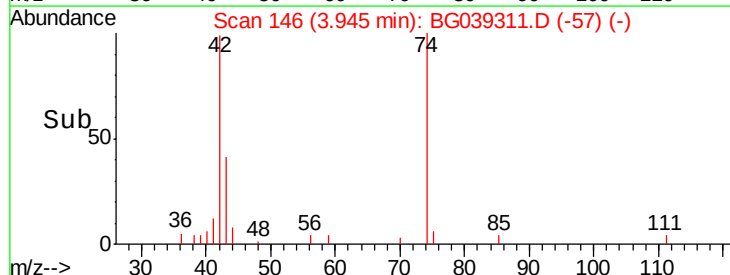
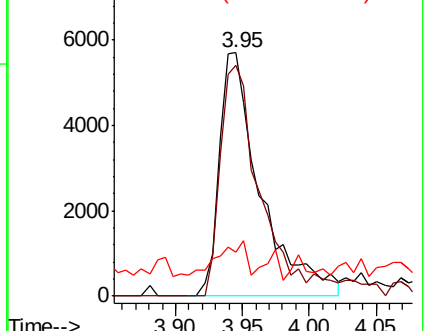
42 100

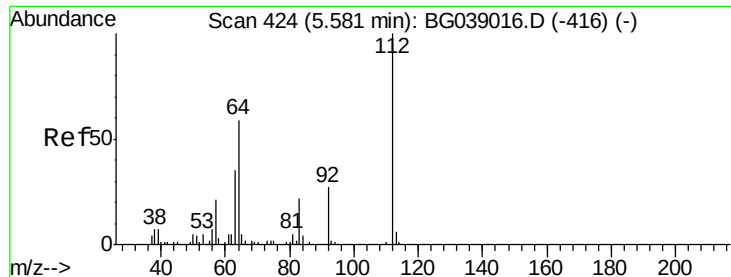
74 94.8 90.7 136.1

44 18.3 6.5 9.7#



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





#5

2-Fluorophenol

Concen: 22.344 ng

RT: 5.72 min Scan# 448

Delta R.T. -0.03 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

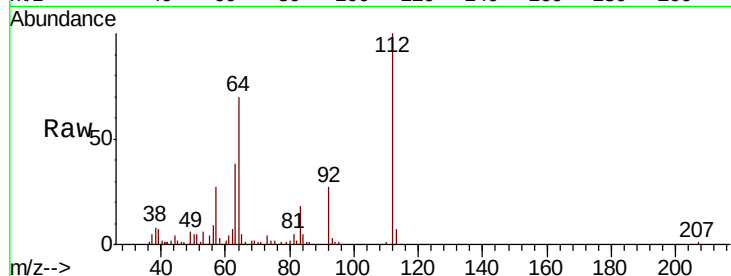
Tot Ion:112 Resp: 44941

Ion Ratio Lower Upper

112 100

64 70.2 47.0 70.6

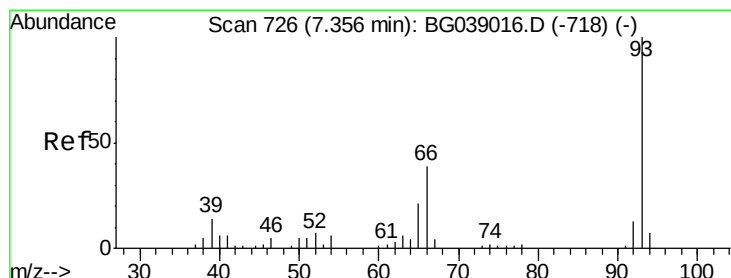
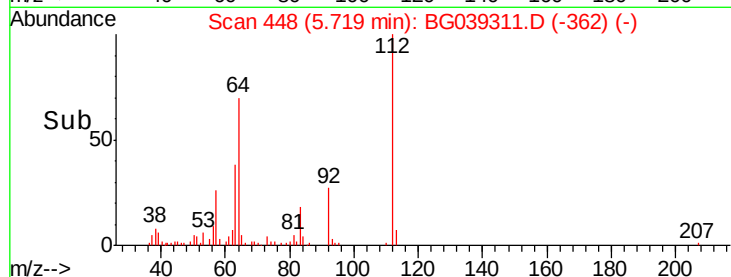
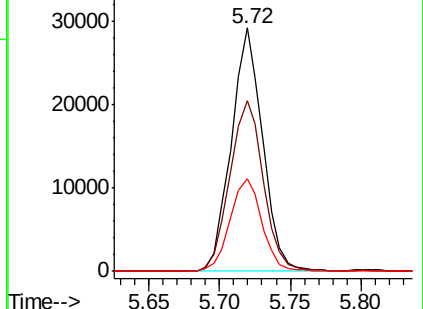
63 37.9 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.969 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

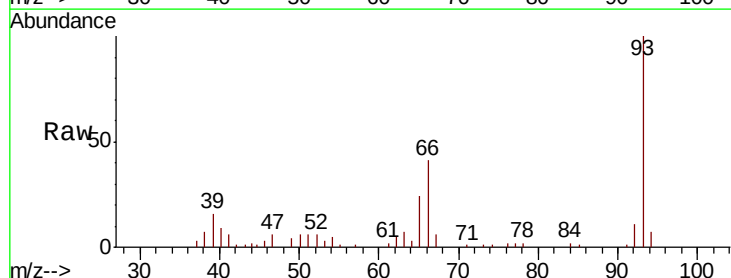
Tgt Ion: 93 Resp: 41609

Ion Ratio Lower Upper

93 100

66 41.5 30.9 46.3

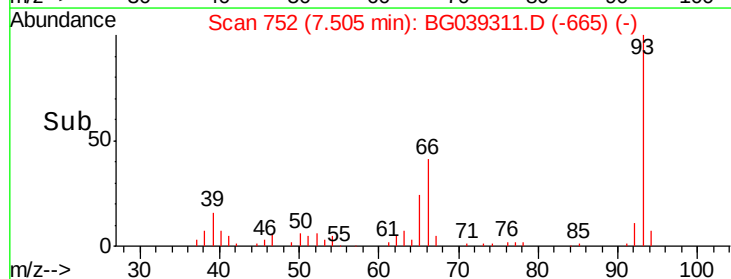
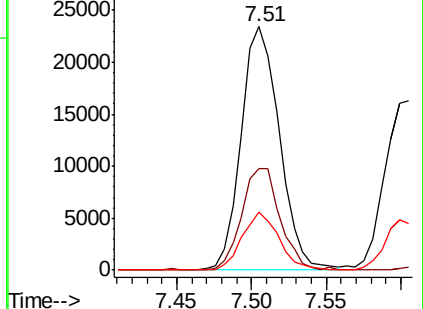
65 23.9 17.0 25.4

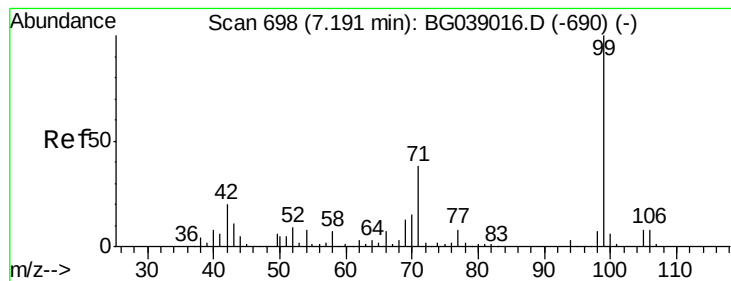


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 23.599 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampled :

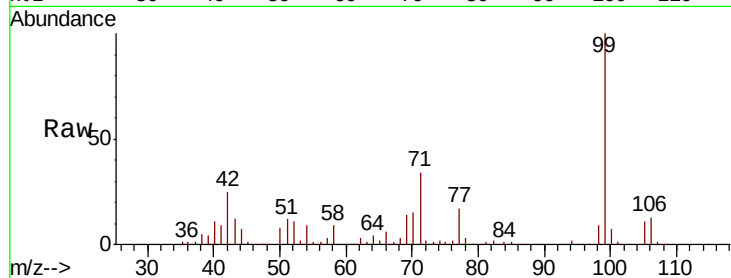
Tot Ion: 99 Resp: 68310

Ion Ratio Lower Upper

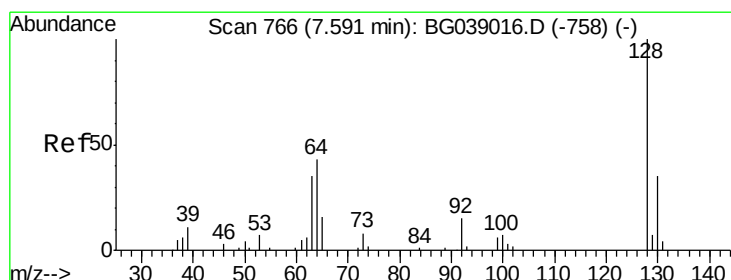
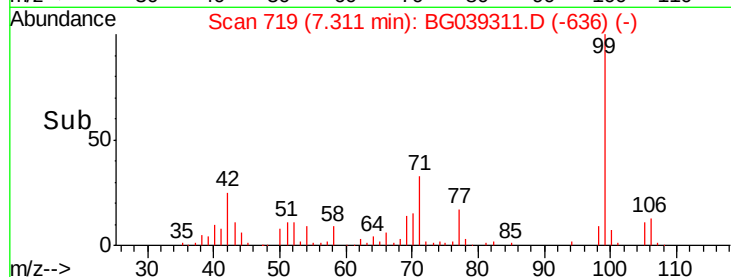
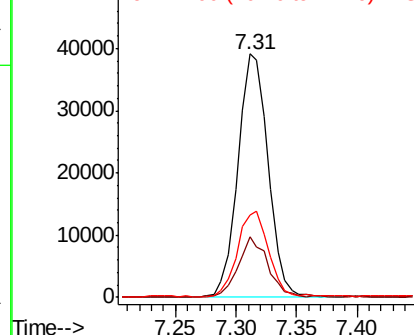
99 100

42 25.0 15.8 23.6#

71 33.9 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: 10.781 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

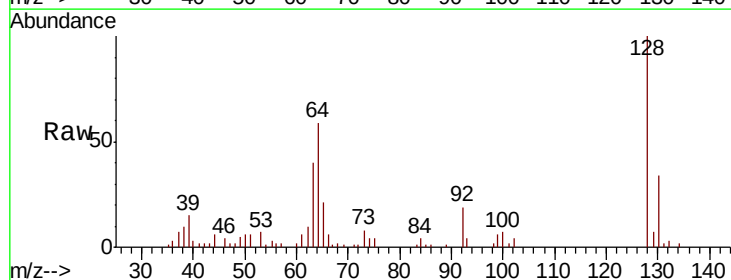
Tgt Ion: 128 Resp: 25562

Ion Ratio Lower Upper

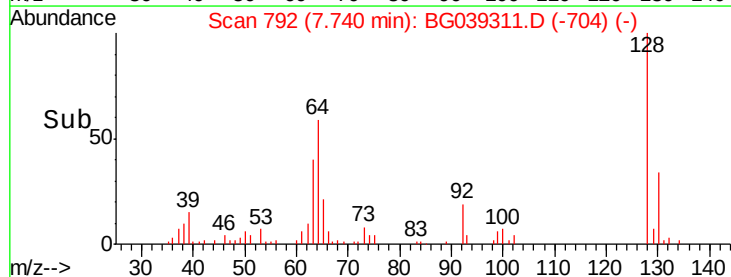
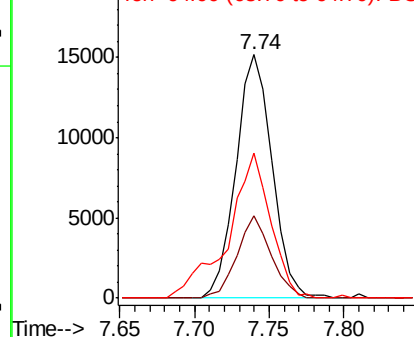
128 100

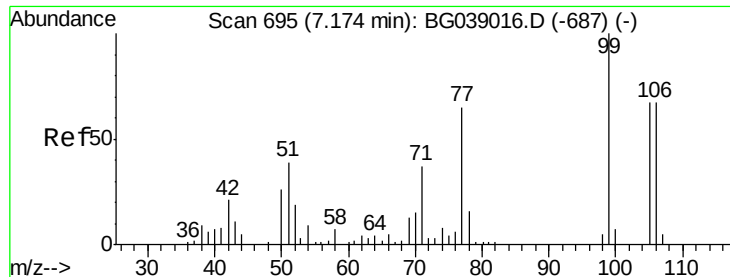
130 33.8 14.5 54.5

64 59.4 27.3 67.3



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





#9

Benzaldehyde

Concen: 13.838 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

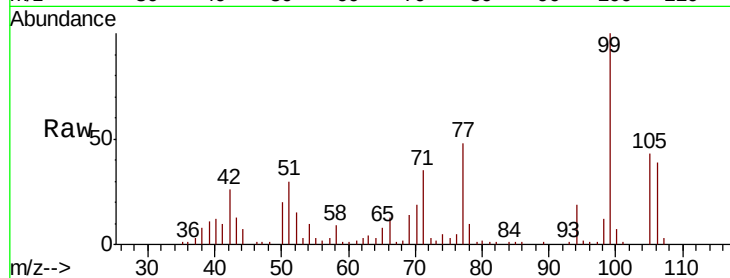
Tot Ion: 77 Resp: 23100

Ion Ratio Lower Upper

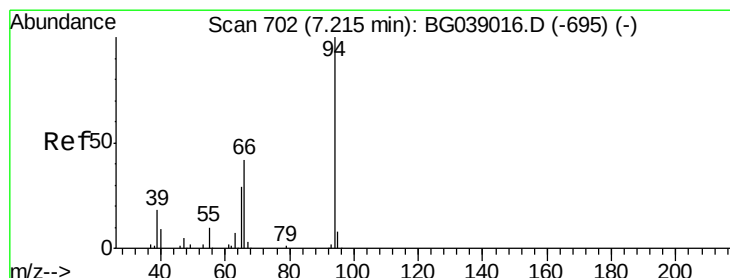
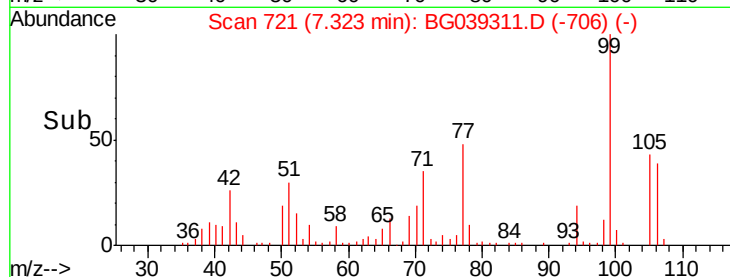
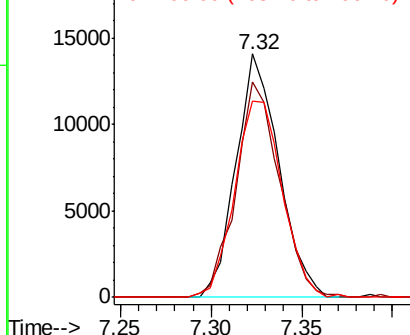
77 100

105 88.6 82.4 122.4

106 80.6 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: 12.332 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

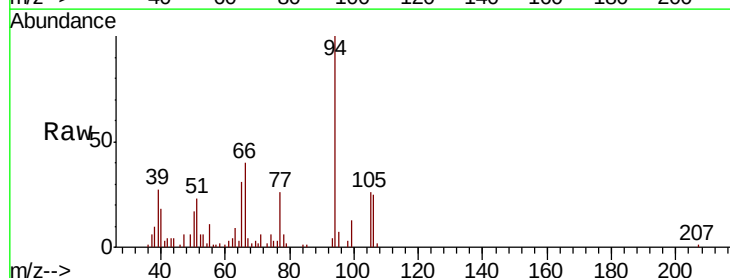
Tgt Ion: 94 Resp: 35788

Ion Ratio Lower Upper

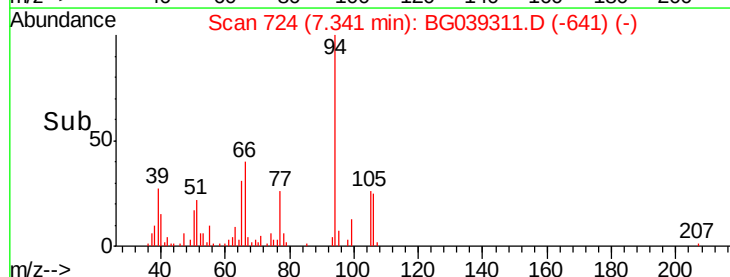
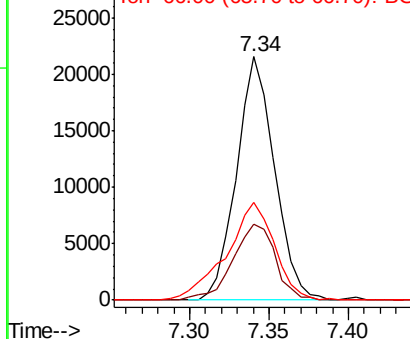
94 100

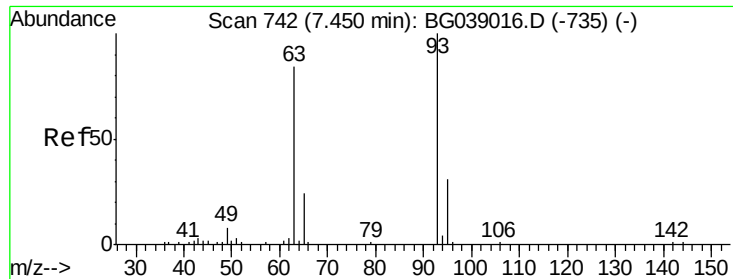
65 31.3 10.3 50.3

66 40.0 25.1 65.1



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

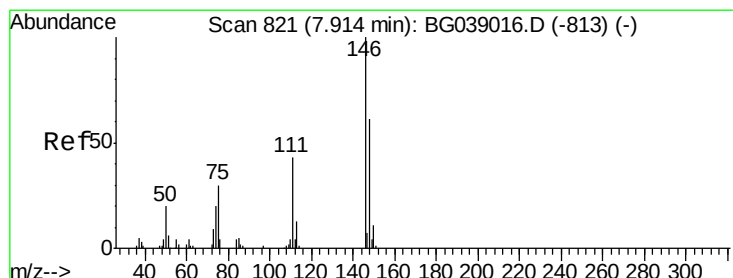
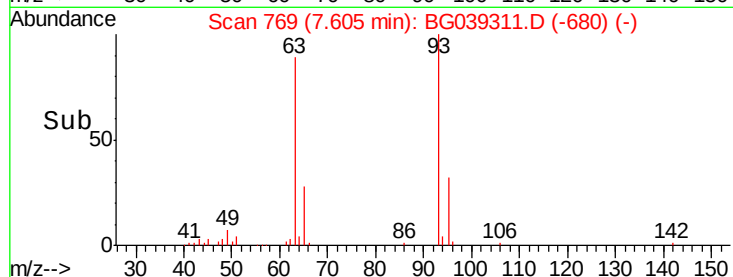
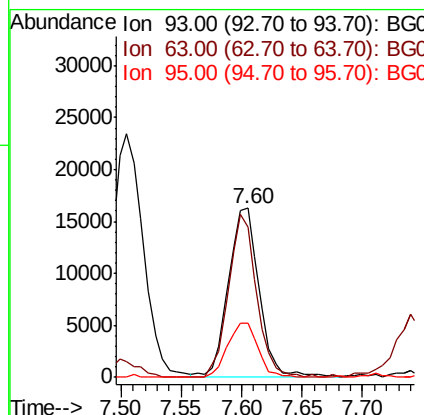
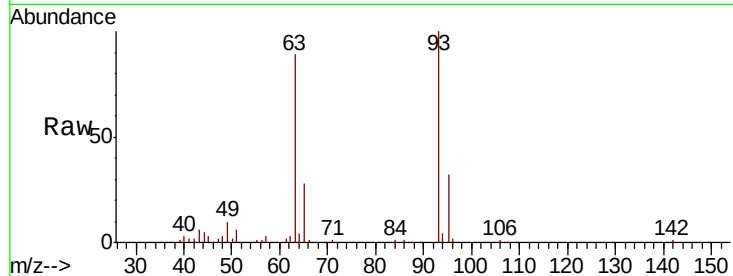




#11
 bis(2-Chloroethyl)ether
 Concen: 13.053 ng
 RT: 7.60 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

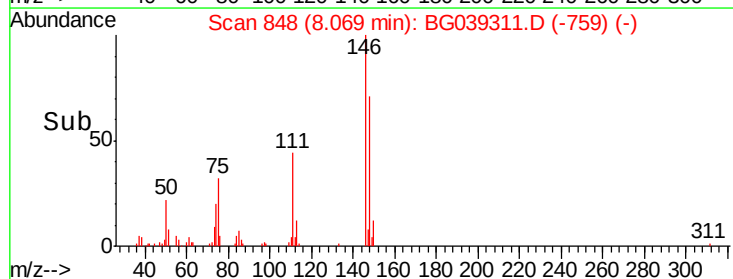
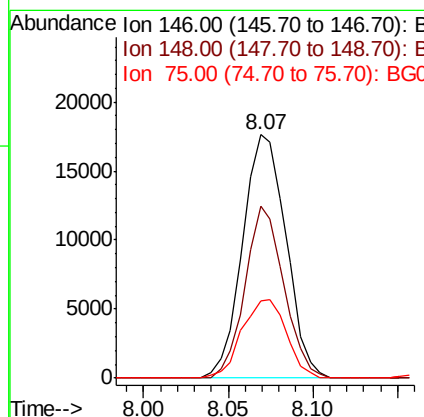
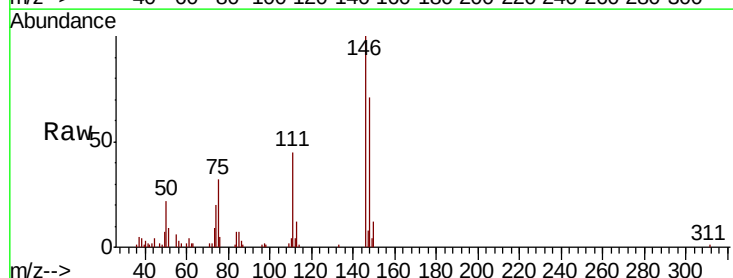
Instrument :
 BNA_F
 ClientSampleId :

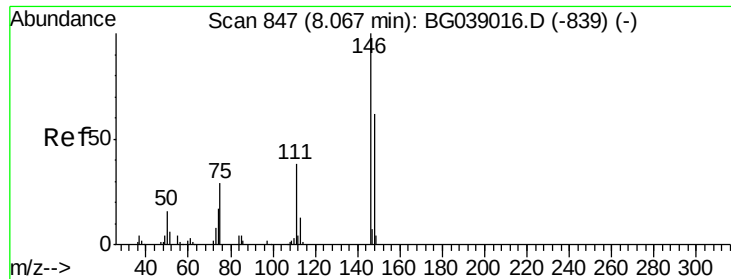
Tot Ion: 93 Resp: 28952
 Ion Ratio Lower Upper
 93 100
 63 89.0 63.2 103.2
 95 32.2 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 11.061 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

Tgt Ion: 146 Resp: 31422
 Ion Ratio Lower Upper
 146 100
 148 70.6 49.1 73.7
 75 31.7 23.9 35.9

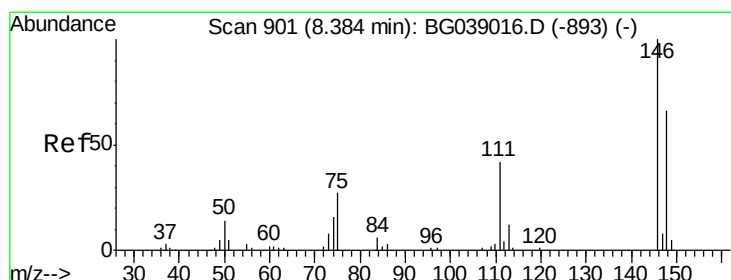
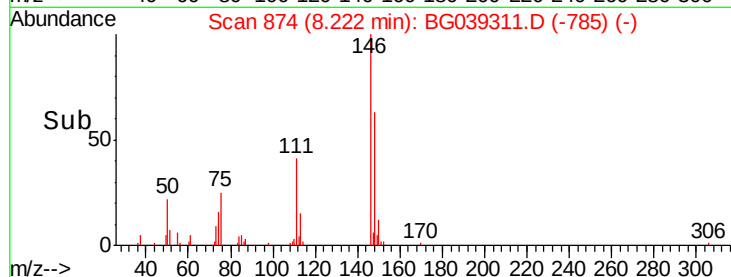
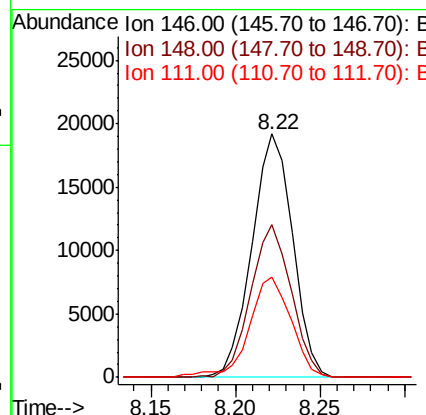
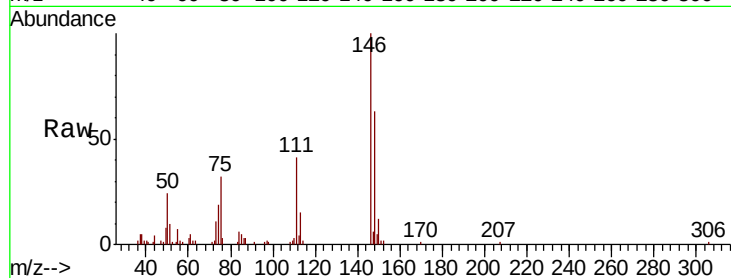




#13
 1,4-Dichlorobenzene
 Concen: 11.177 ng
 RT: 8.22 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

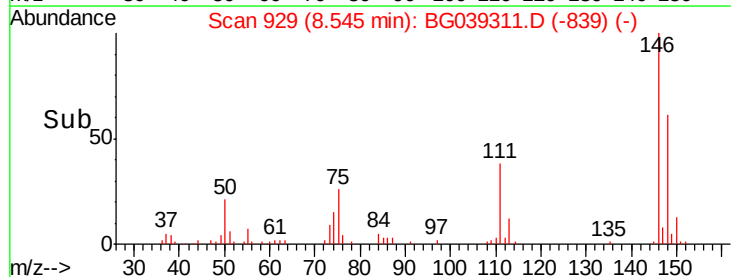
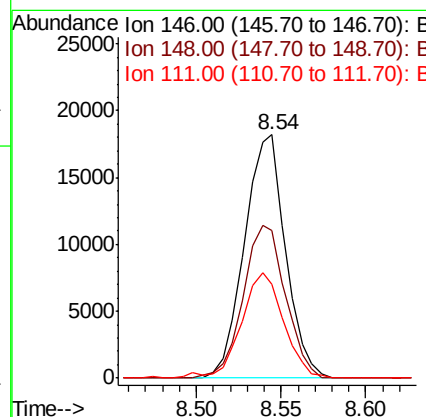
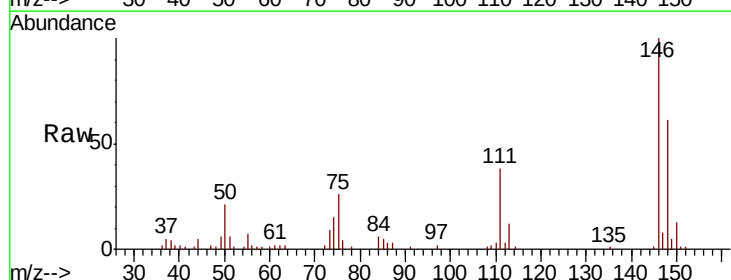
Instrument :
 BNA_F
 ClientSampled :

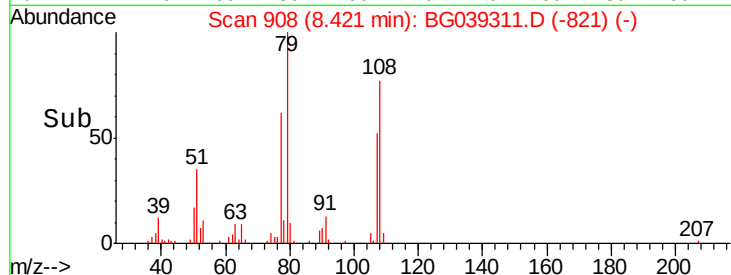
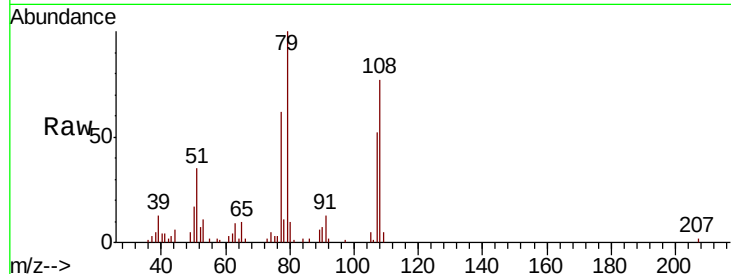
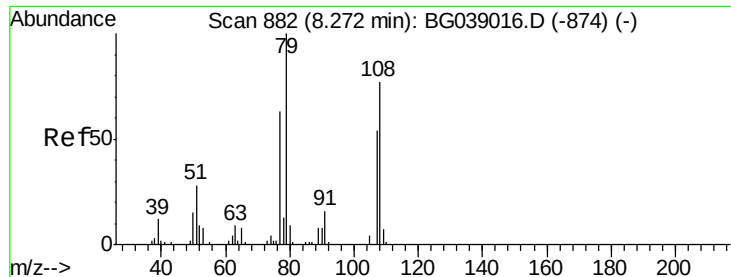
Tot Ion:146 Resp: 32157
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.8 74.6
 111 41.4 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 11.201 ng
 RT: 8.54 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

Tgt Ion:146 Resp: 30726
 Ion Ratio Lower Upper
 146 100
 148 60.9 52.6 79.0
 111 38.3 34.6 51.8

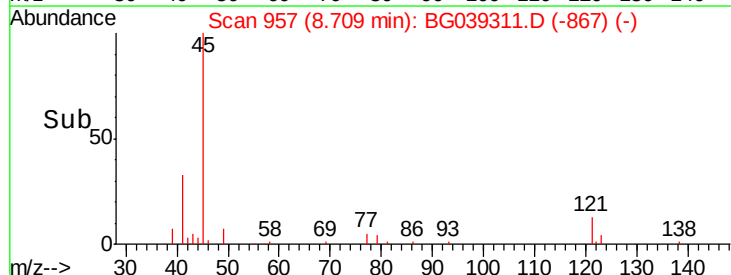
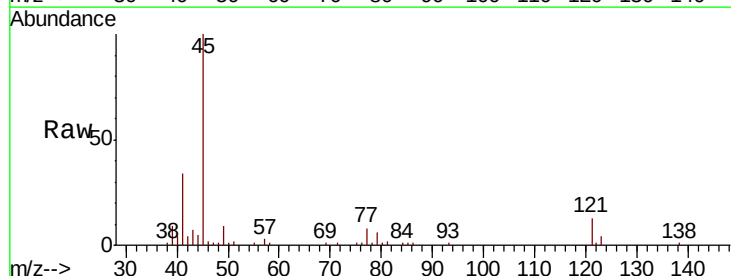
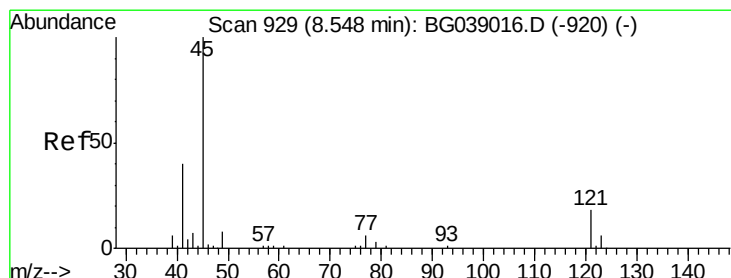
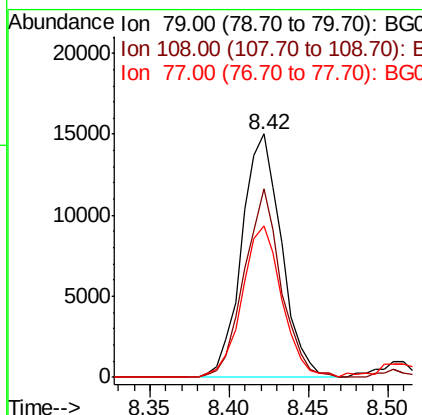




#15
Benzyl Alcohol
Concen: 11.966 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.02 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

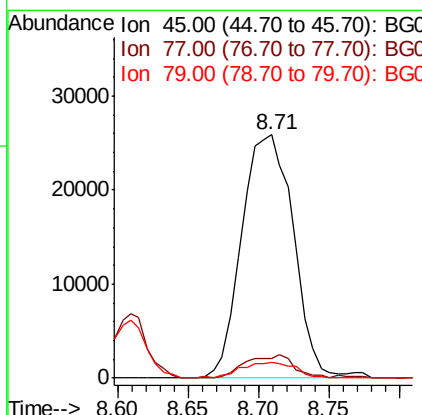
Instrument :
BNA_F
ClientSampleId :

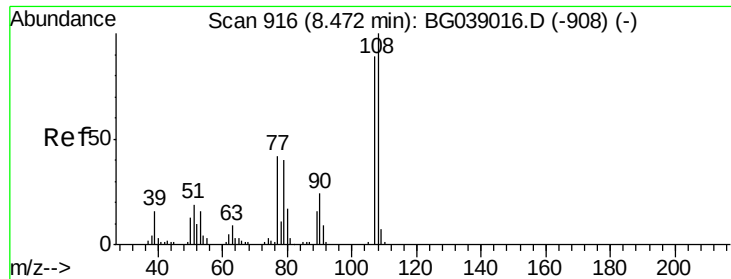
Tot Ion: 79 Resp: 26084
Ion Ratio Lower Upper
79 100
108 77.5 62.0 93.0
77 62.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 15.516 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion: 45 Resp: 65992
Ion Ratio Lower Upper
45 100
77 8.1 0.0 30.7
79 6.3 0.0 28.5

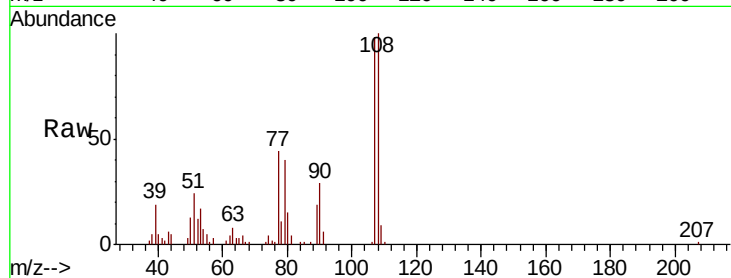




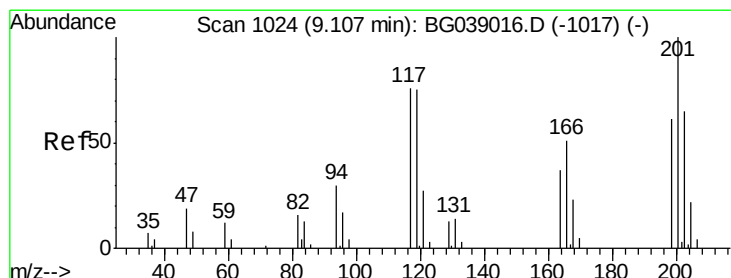
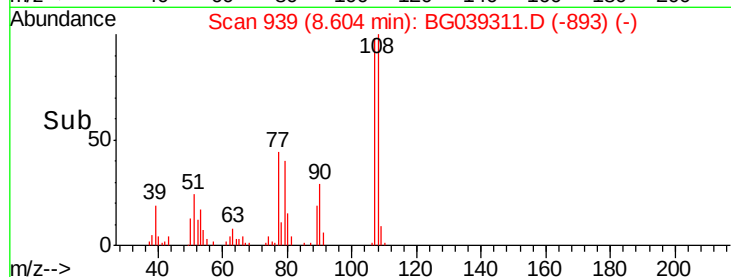
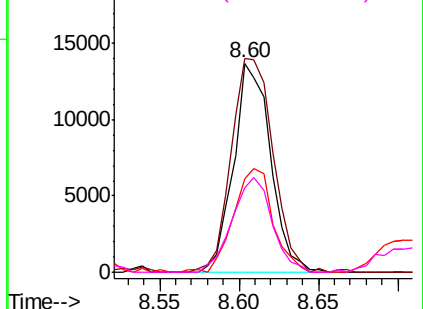
#17
2-Methylphenol
Concen: 11.023 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 22213
Ion Ratio Lower Upper
107 100
108 102.1 90.3 135.5
77 44.6 38.3 57.5
79 40.5 35.8 53.6

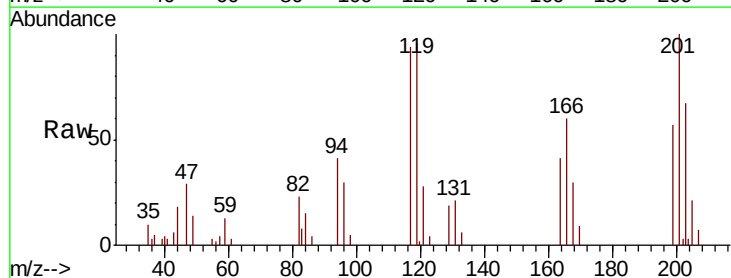


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

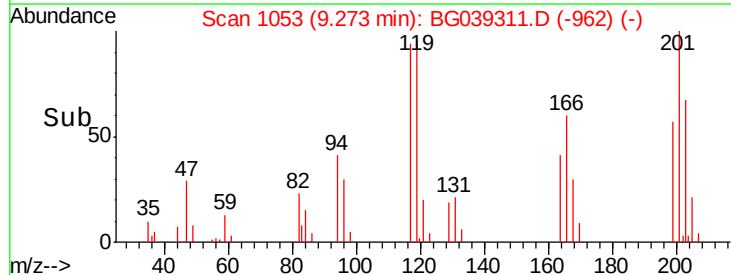
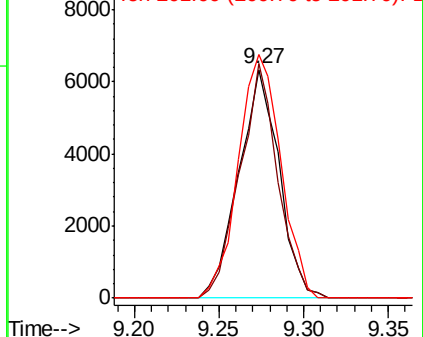


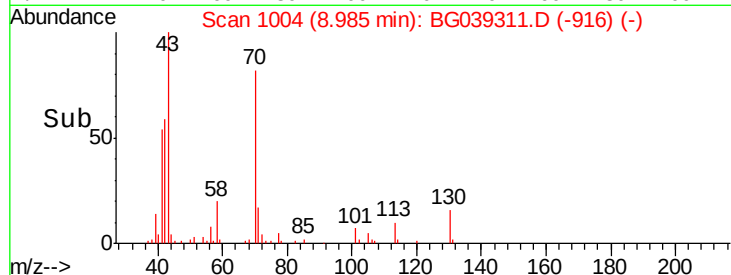
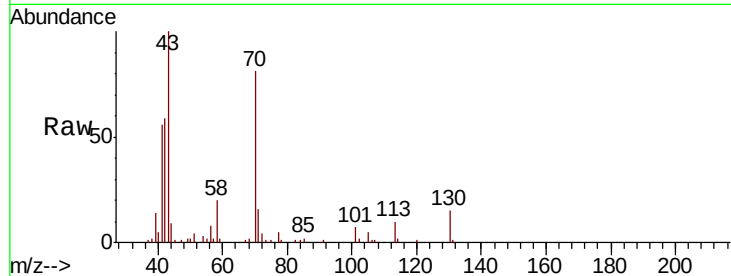
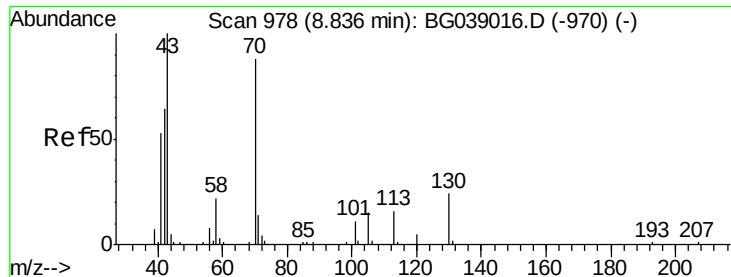
#18
Hexachloroethane
Concen: 10.767 ng
RT: 9.27 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:117 Resp: 10524
Ion Ratio Lower Upper
117 100
119 102.6 78.7 118.1
201 106.4 108.1 162.1#



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

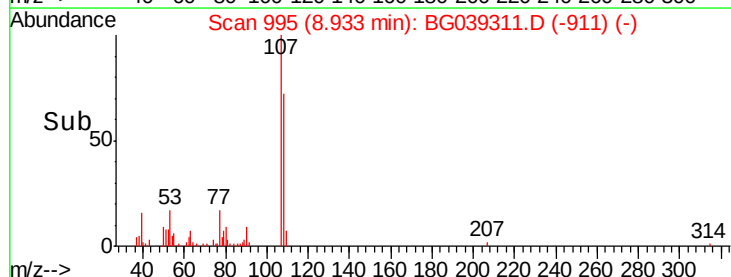
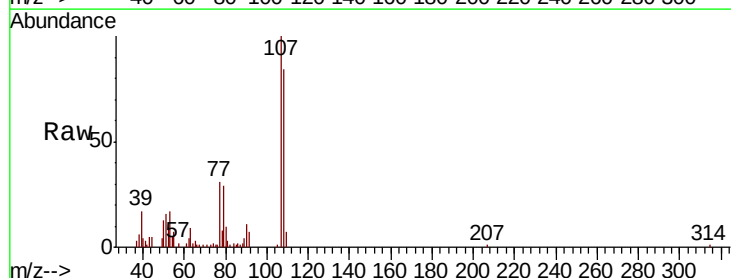
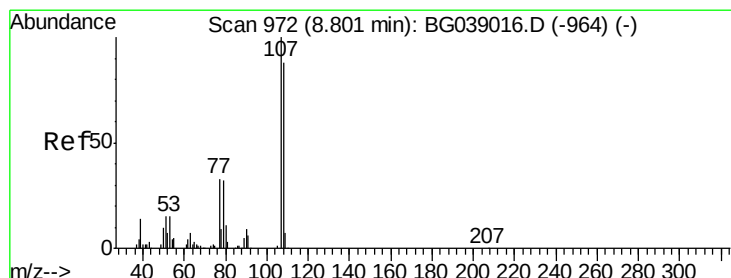
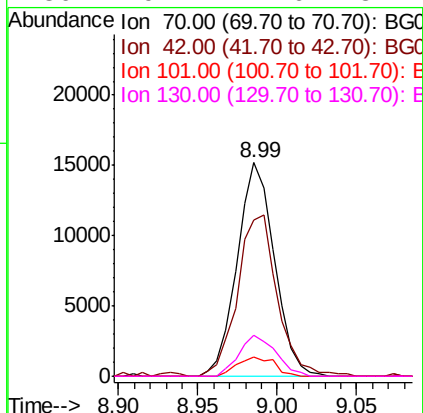




#19
n-Nitroso-di-n-propylamine
Concen: 13.044 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

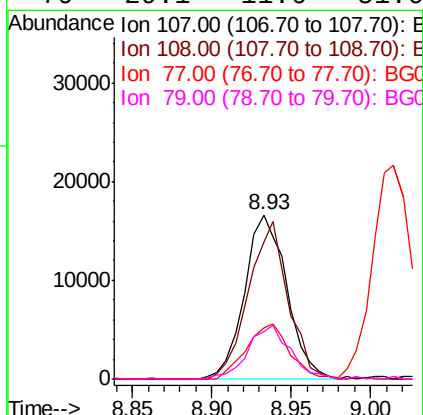
Instrument :
BNA_F
ClientSampleId :

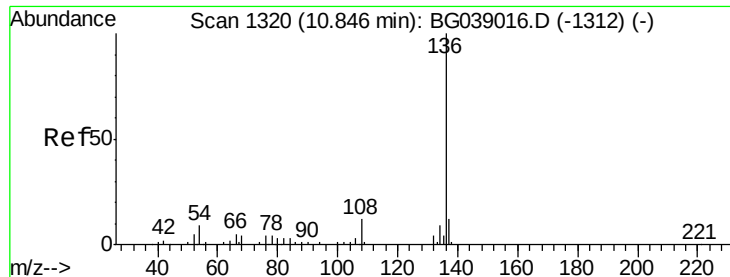
Tot Ion:	70	Resp:	24794
Ion	Ratio	Lower	Upper
70	100		
42	72.9	59.0	88.4
101	9.0	10.4	15.6#
130	19.1	21.6	32.4#



#20
3+4-Methylphenols
Concen: 10.699 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.04 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:	107	Resp:	30740
Ion	Ratio	Lower	Upper
107	100		
108	83.5	68.4	108.4
77	30.9	13.3	53.3
79	29.1	11.6	51.6

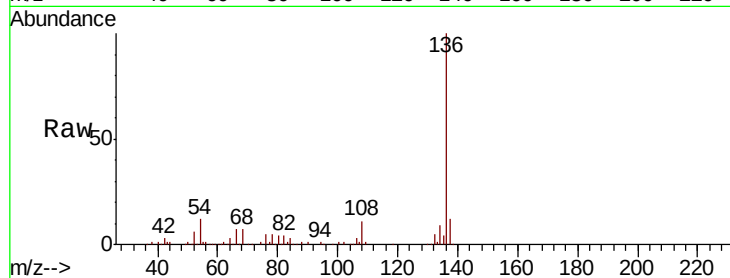




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	171498
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.4 14.2
54	12.0	7.2 10.8#
68	6.7	3.5 5.3#



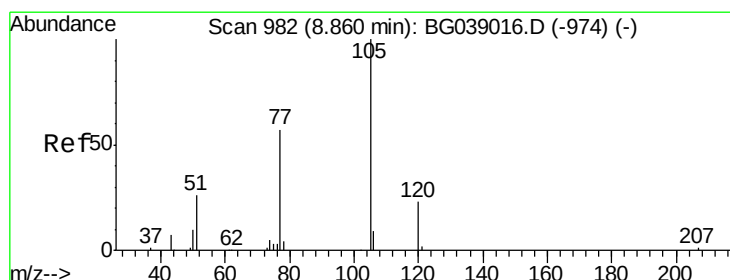
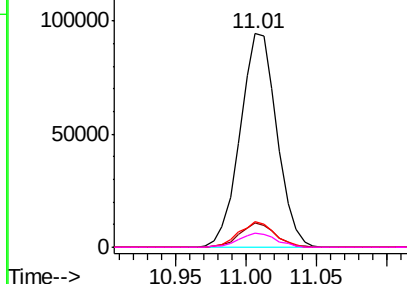
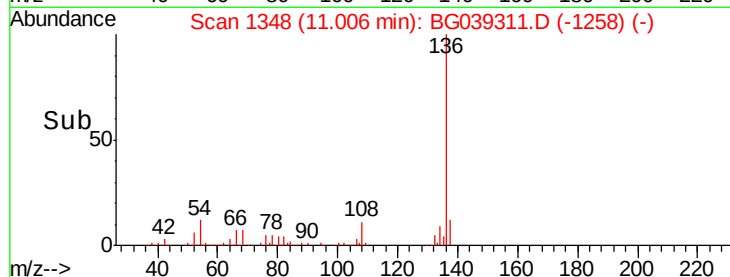
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

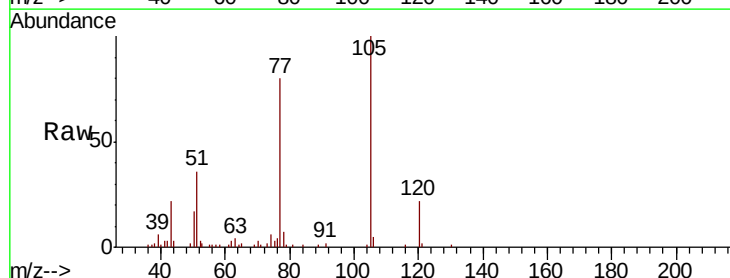
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 10.283 ng
RT: 9.01 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:105	Resp:	46053
Ion Ratio	Lower	Upper
105	100	
71	1.1	0.6 1.0#
51	36.1	26.6 39.8
120	21.6	17.9 26.9



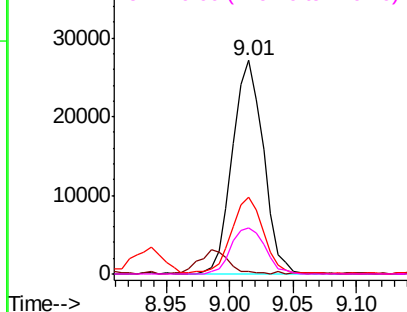
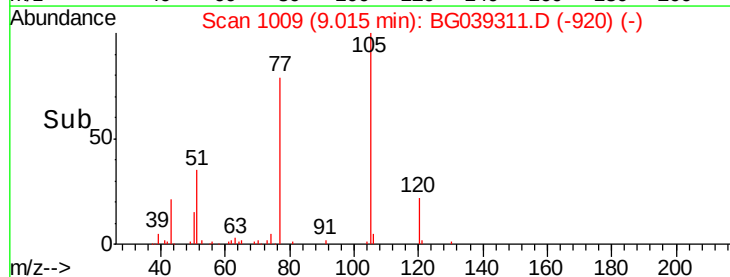
Abundance

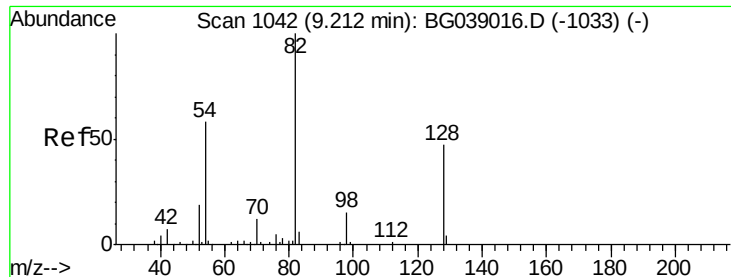
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

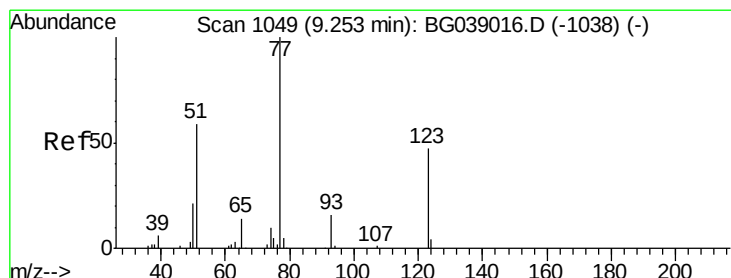
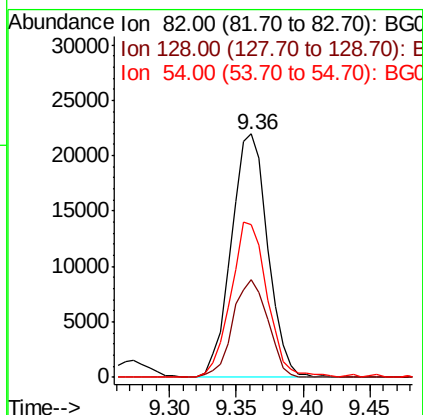
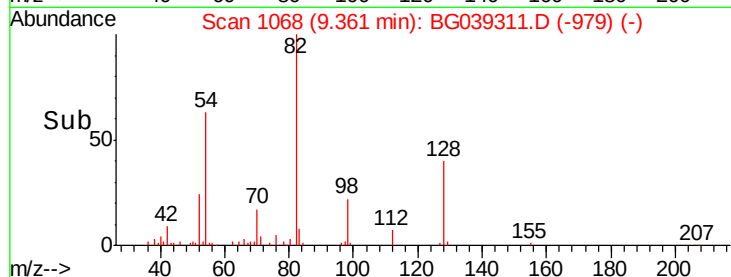
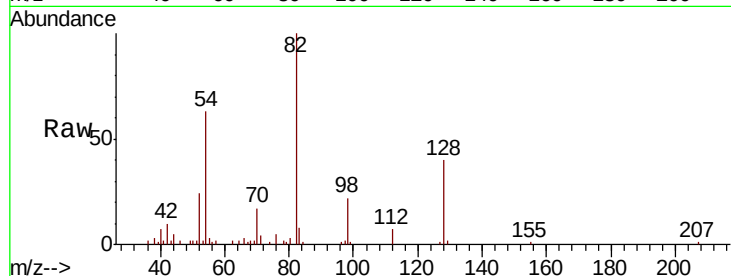




#23
Nitrobenzene-d5
Concen: 13.278 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

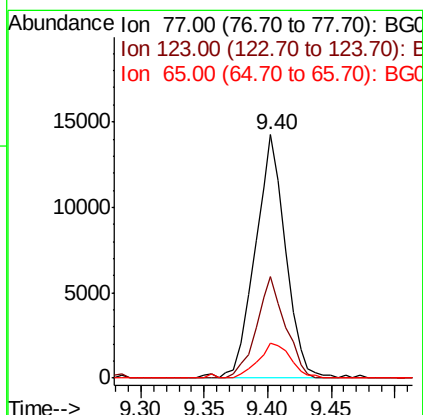
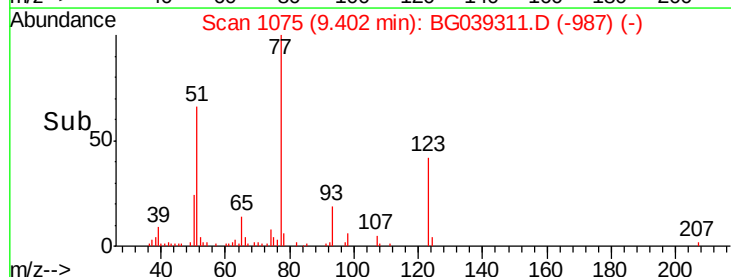
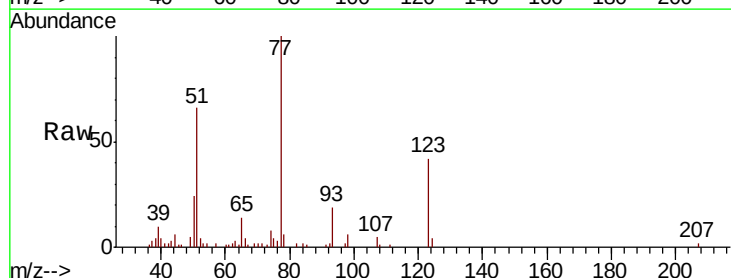
Instrument :
BNA_F
ClientSampleId :

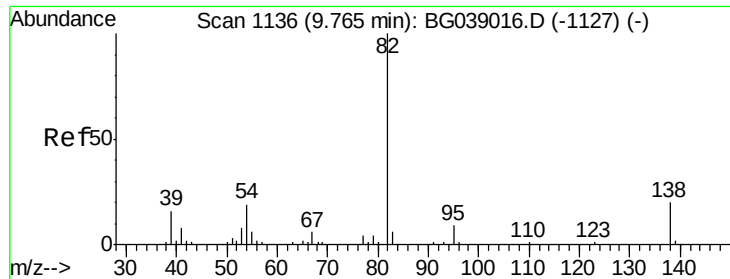
Tot Ion: 82 Resp: 41614
Ion Ratio Lower Upper
82 100
128 40.2 37.3 55.9
54 63.0 46.4 69.6



#24
Nitrobenzene
Concen: 7.481 ng
RT: 9.40 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion: 77 Resp: 23700
Ion Ratio Lower Upper
77 100
123 41.6 37.6 56.4
65 14.5 11.0 16.6





#25

Isophorone

Concen: 11.248 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

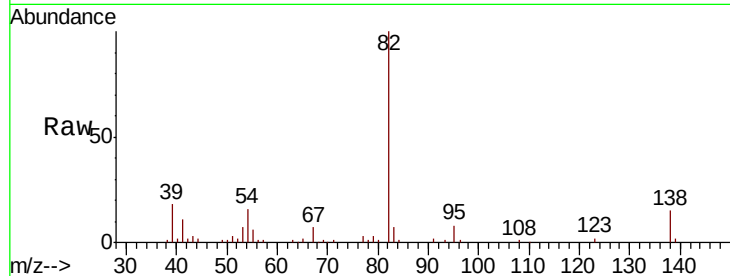
Tot Ion: 82 Resp: 60725

Ion Ratio Lower Upper

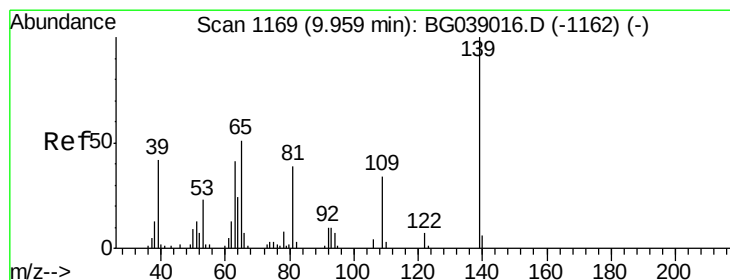
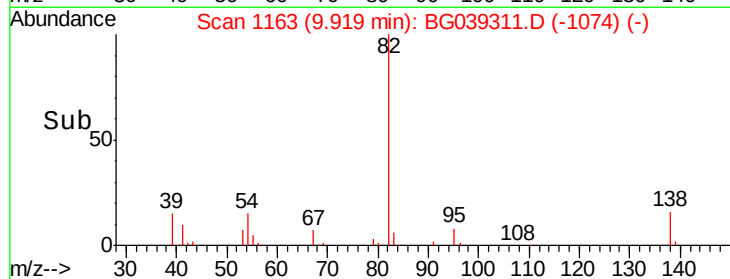
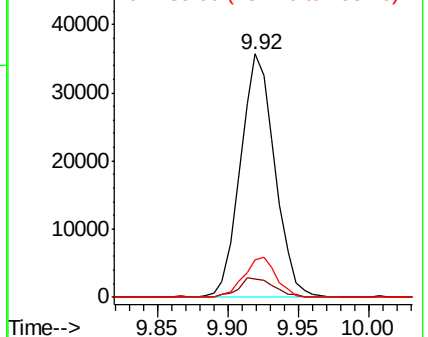
82 100

95 7.7 7.0 10.6

138 15.4 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: 4.144 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

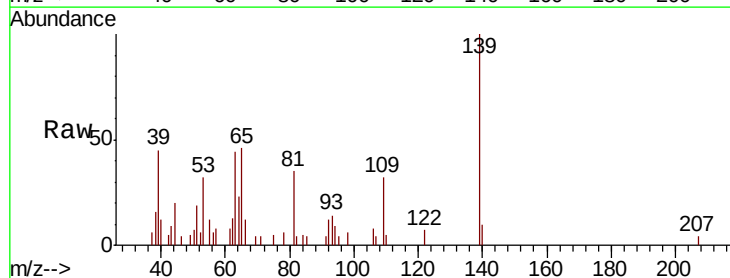
Tgt Ion: 139 Resp: 7101

Ion Ratio Lower Upper

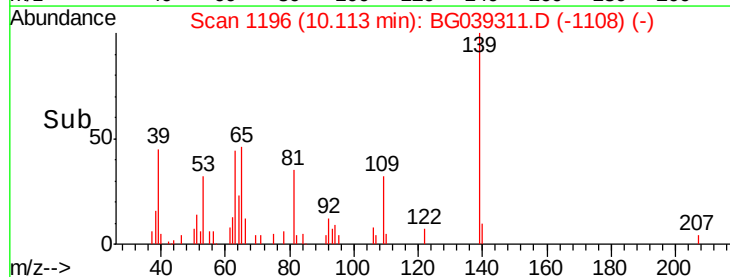
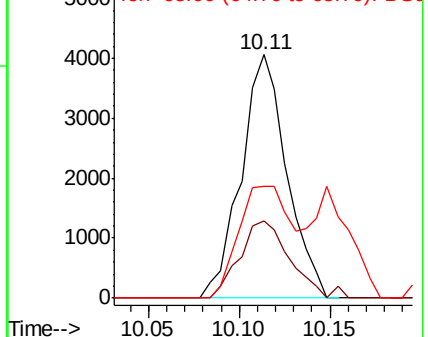
139 100

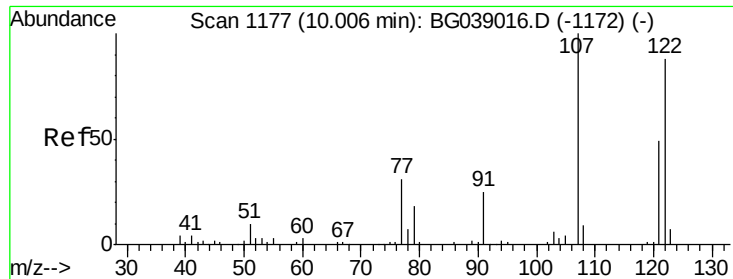
109 31.9 27.3 40.9

65 45.8 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

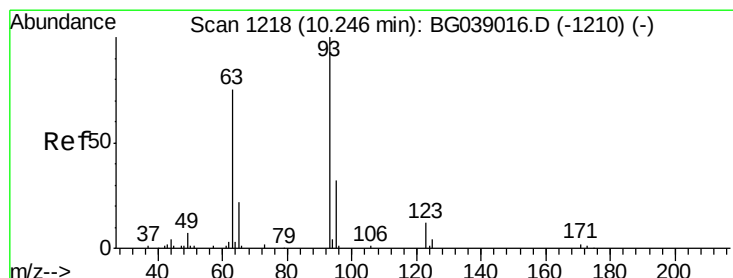
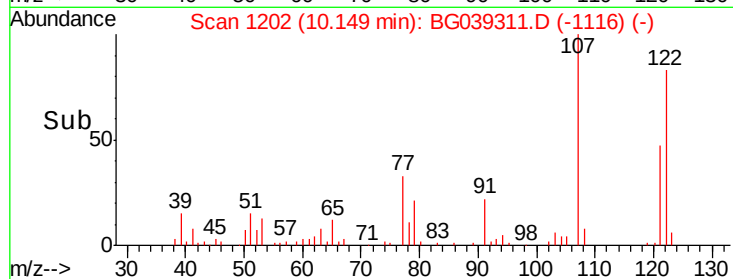
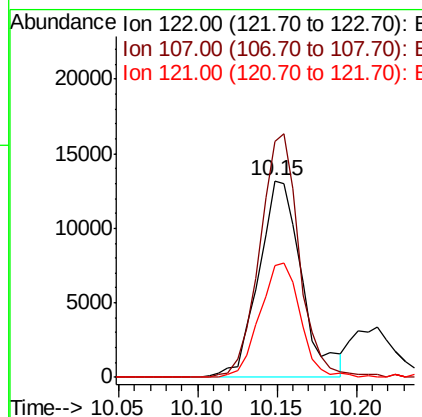
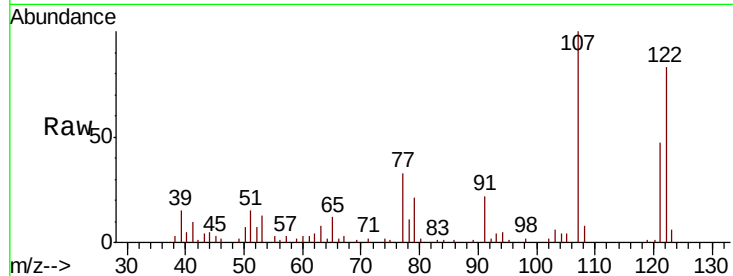




#27
 2,4-Dimethylphenol
 Concen: 10.302 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.03 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

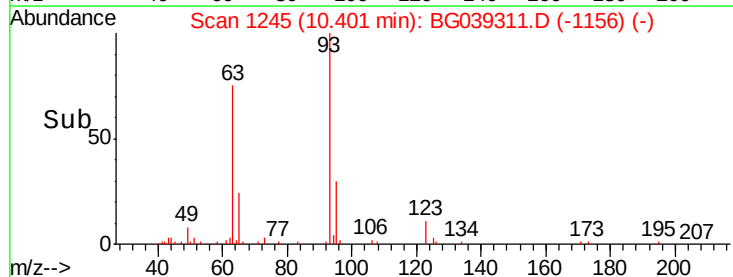
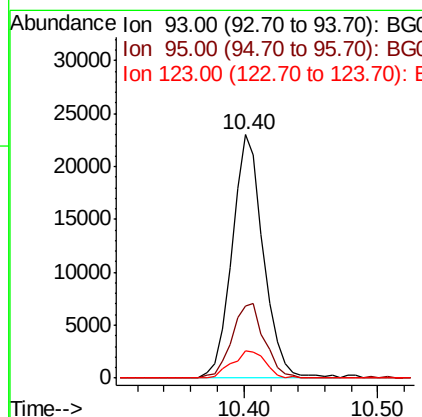
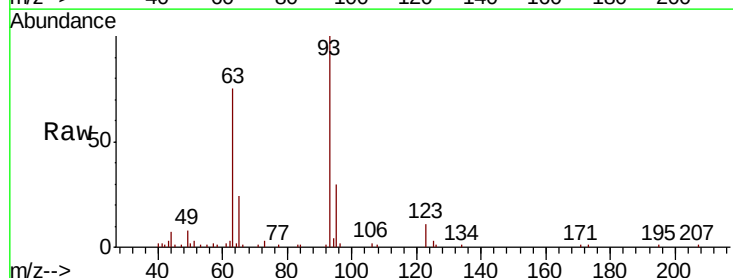
Instrument :
 BNA_F
 ClientSampled :

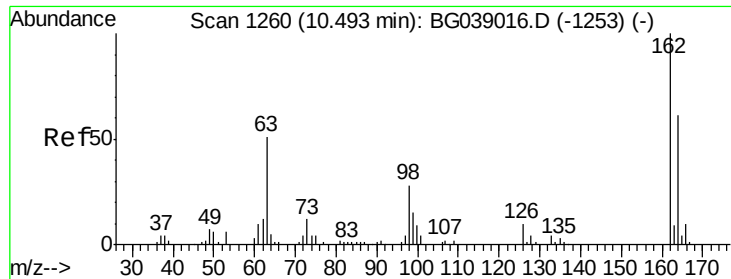
Tot Ion:122 Resp: 24834
 Ion Ratio Lower Upper
 122 100
 107 120.2 88.8 133.2
 121 56.9 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.563 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

Tgt Ion: 93 Resp: 37517
 Ion Ratio Lower Upper
 93 100
 95 29.5 25.6 38.4
 123 11.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 8.422 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

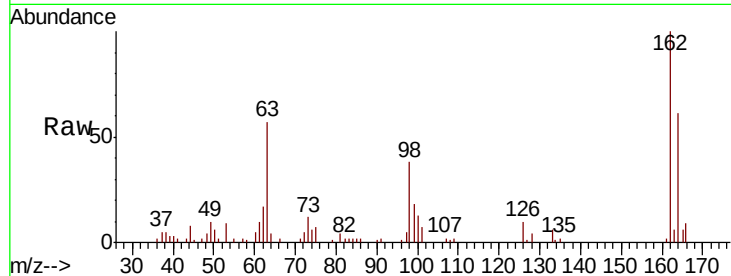
Tot Ion:162 Resp: 25221

Ion Ratio Lower Upper

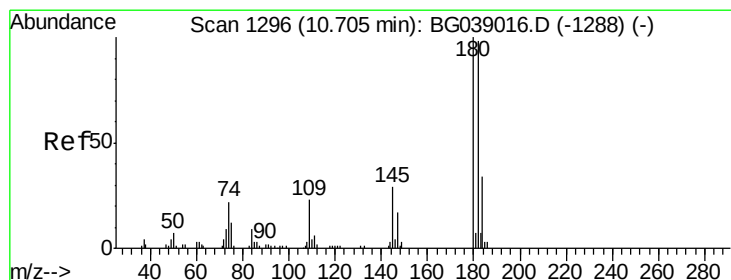
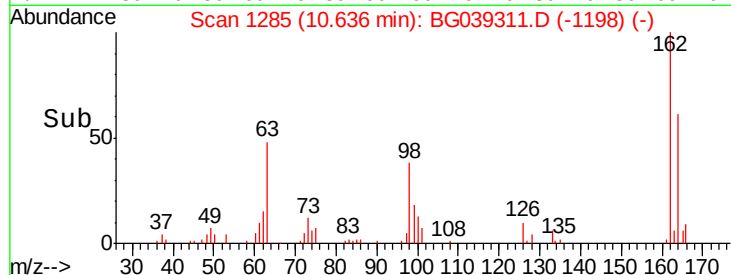
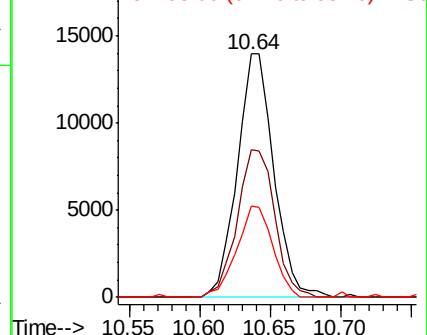
162 100

164 60.8 41.3 81.3

98 37.5 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: 8.313 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

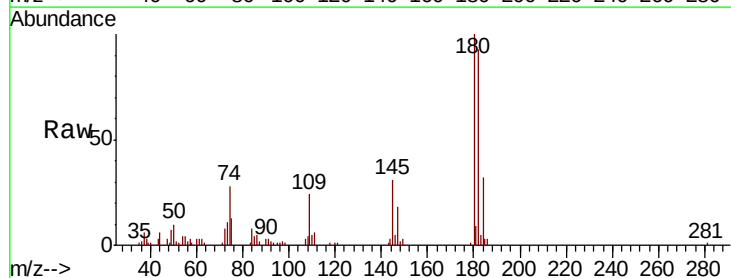
Tgt Ion:180 Resp: 29913

Ion Ratio Lower Upper

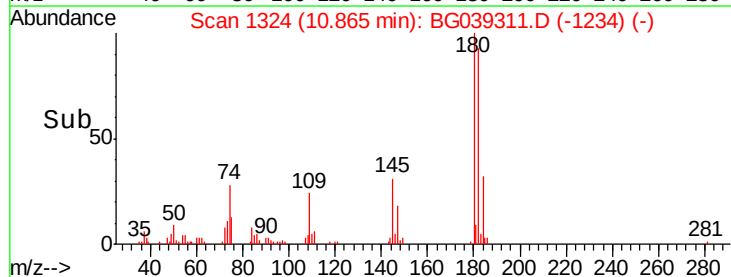
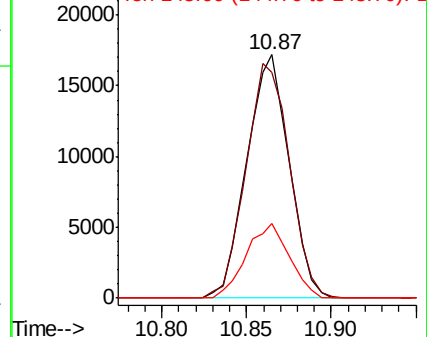
180 100

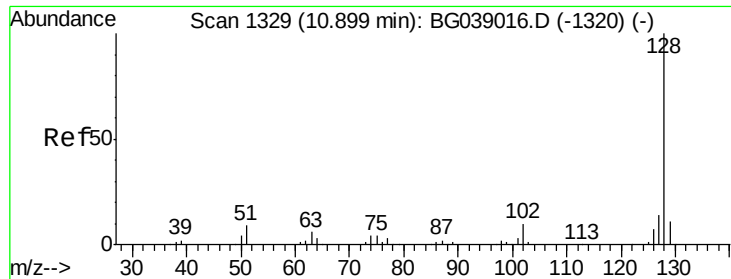
182 92.7 78.1 117.1

145 30.7 23.1 34.7



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

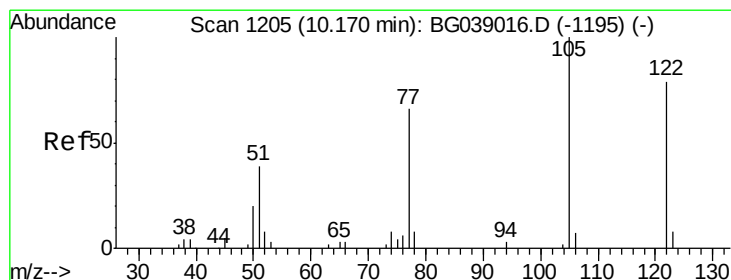
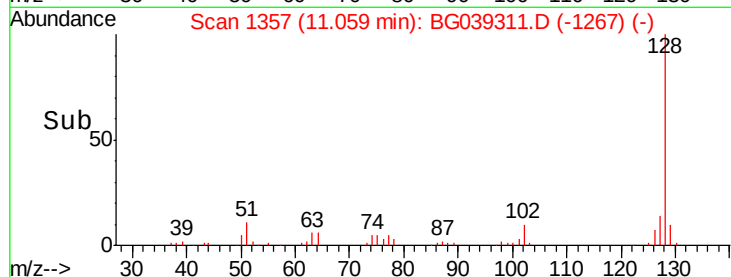
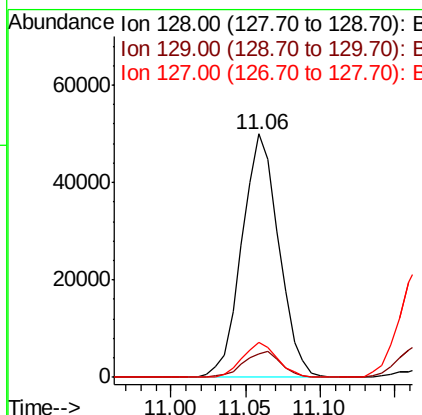
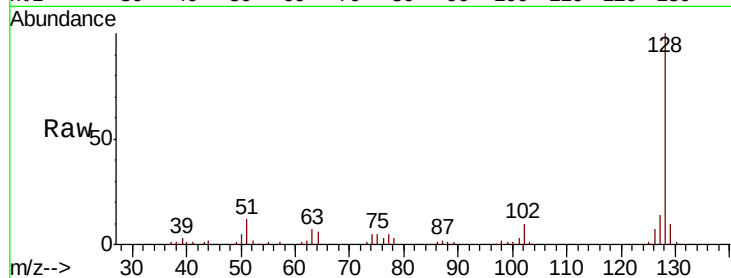




#31
Naphthalene
Concen: 9.939 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

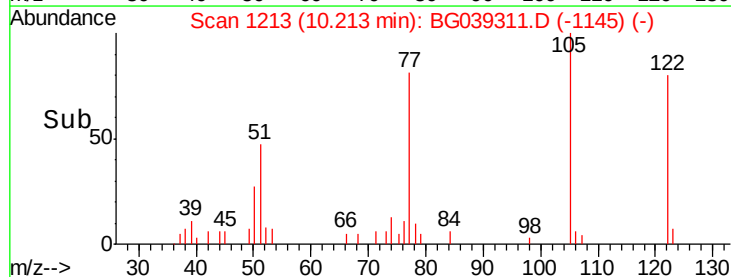
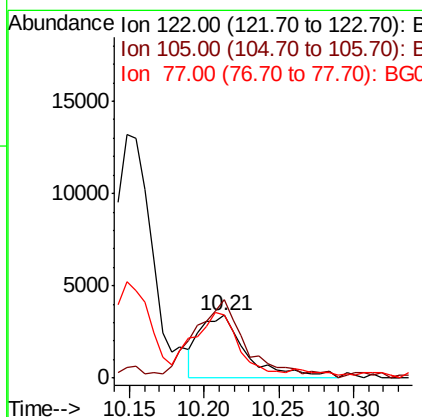
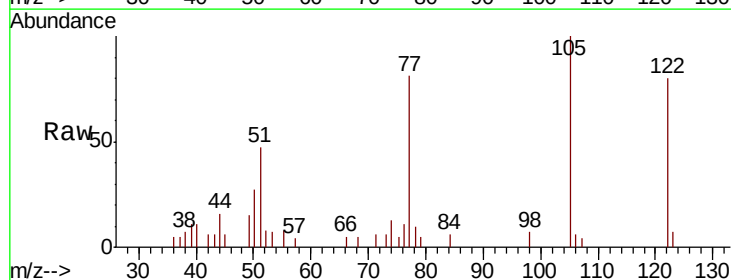
Instrument :
BNA_F
ClientSampleId :

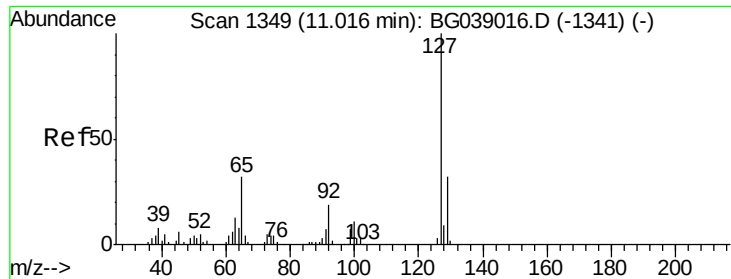
Tot Ion:128 Resp: 85491
Ion Ratio Lower Upper
128 100
129 9.9 9.1 13.7
127 14.1 11.2 16.8



#32
Benzoic acid
Concen: 5.801 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.13 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:122 Resp: 7408
Ion Ratio Lower Upper
122 100
105 124.8 106.4 146.4
77 101.1 63.6 103.6

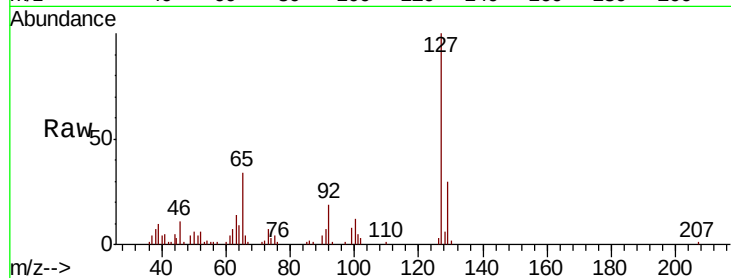




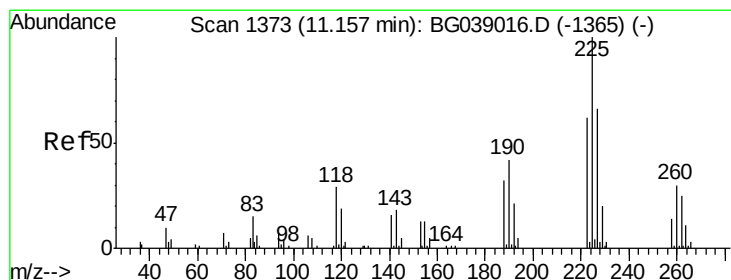
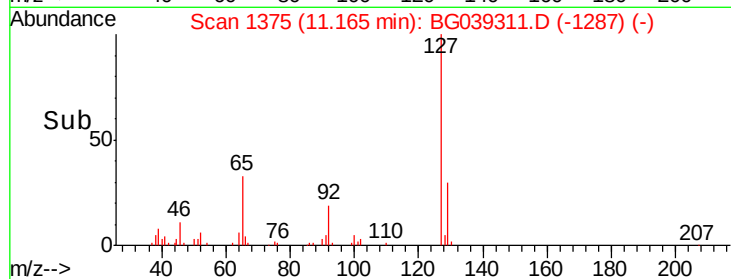
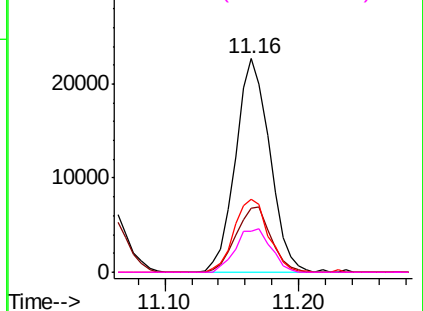
#33
4-Chloroaniline
Concen: 10.468 ng
RT: 11.16 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	40287
Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.4	38.0
65	34.3	25.4	38.0
92	19.1	15.2	22.8

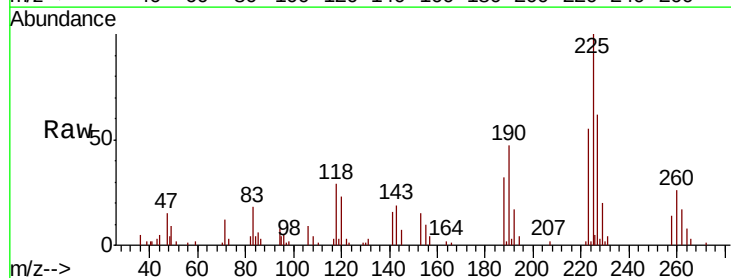


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

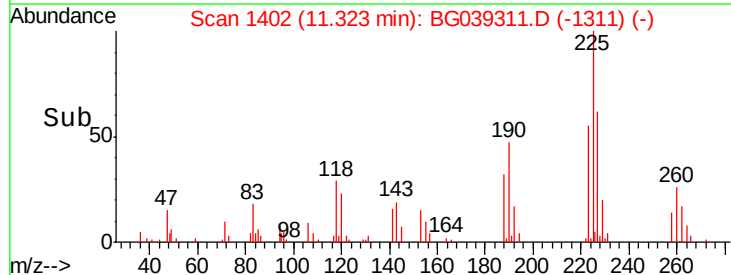
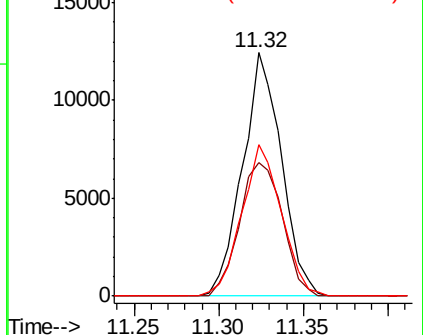


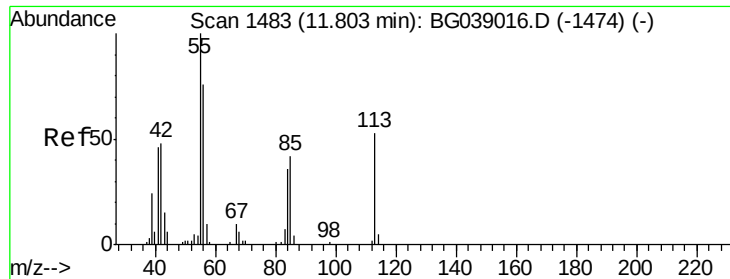
#34
Hexachlorobutadiene
Concen: 8.047 ng
RT: 11.32 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:	225	Resp:	19924
Ion	Ratio	Lower	Upper
225	100		
223	54.6	50.2	75.4
227	62.1	53.2	79.8



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





#35

Caprolactam

Concen: 8.986 ng

RT: 11.93 min Scan# 1506

Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

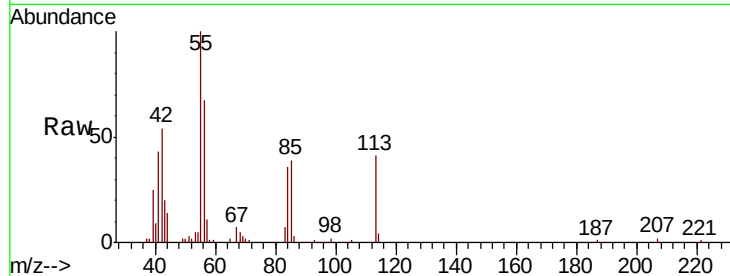
Tot Ion:113 Resp: 10792

Ion Ratio Lower Upper

113 100

55 243.2 168.6 208.6#

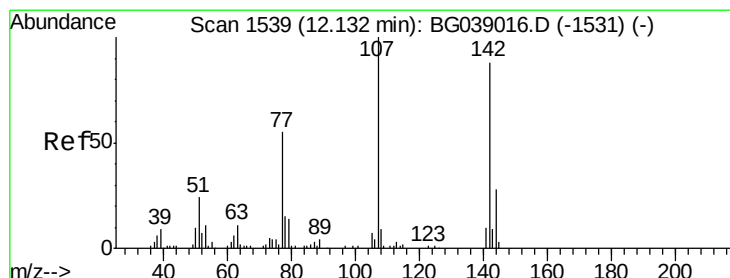
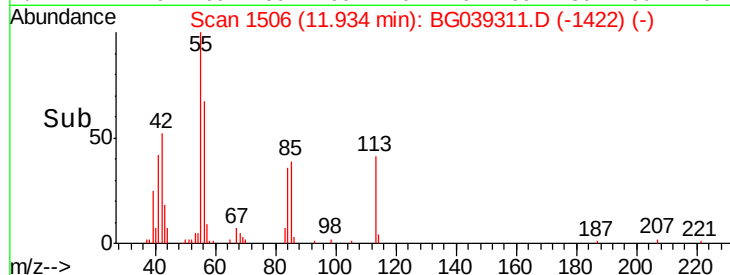
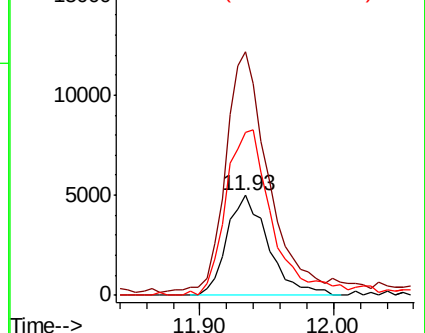
56 162.7 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 9.350 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

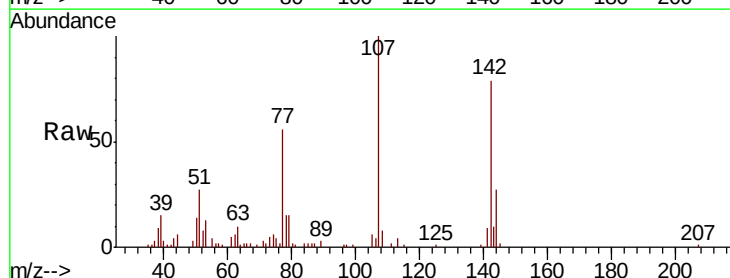
Tgt Ion:107 Resp: 29948

Ion Ratio Lower Upper

107 100

144 27.4 22.6 34.0

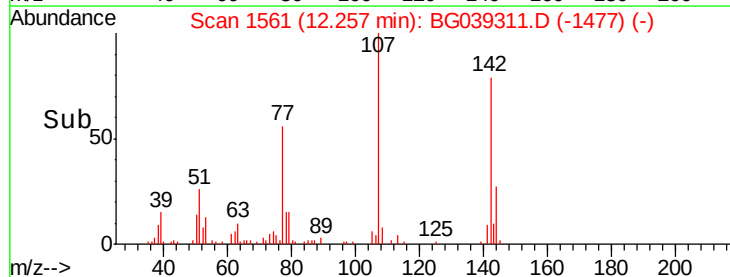
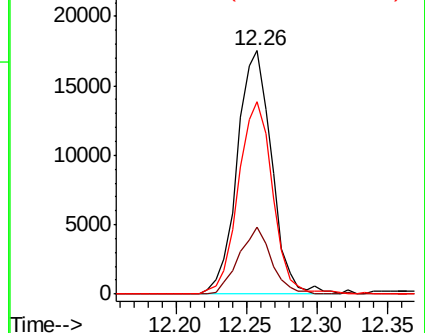
142 79.0 70.2 105.4

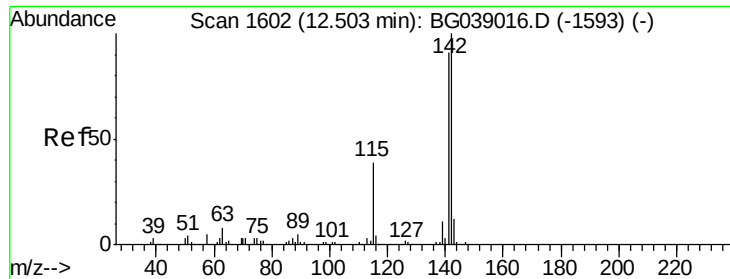


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

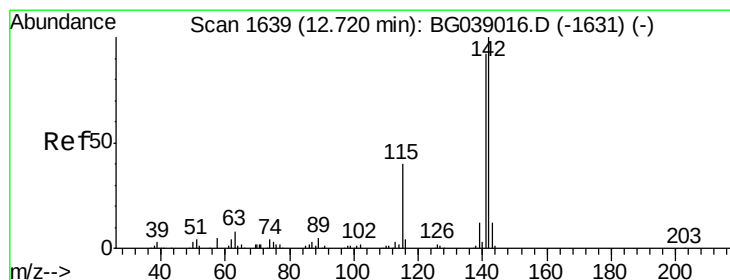
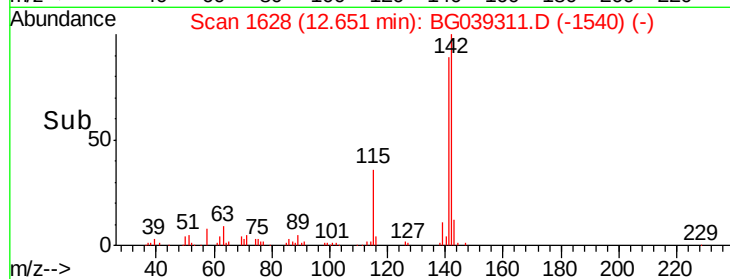
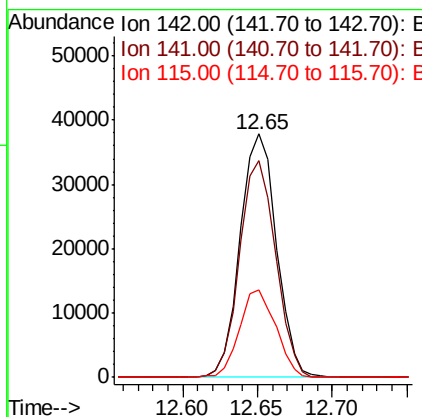
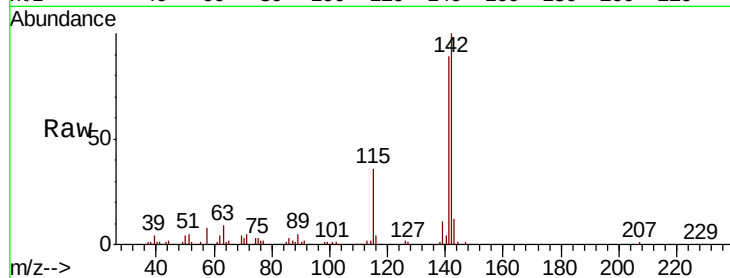




#37
2-Methylnaphthalene
Concen: 9.890 ng
RT: 12.65 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

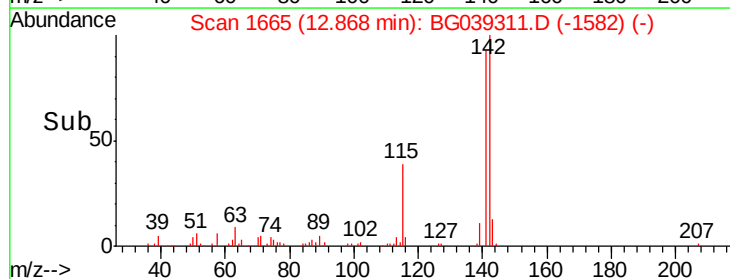
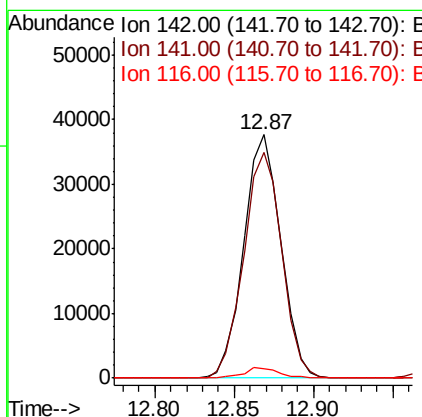
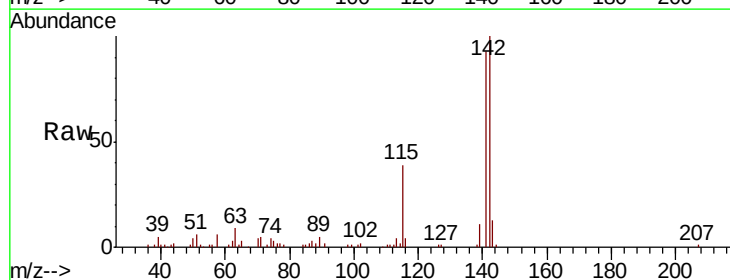
Instrument :
BNA_F
ClientSampleId :

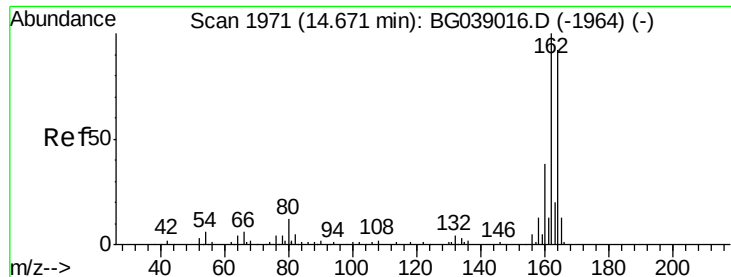
Tot Ion:142 Resp: 63779
Ion Ratio Lower Upper
142 100
141 89.3 72.6 109.0
115 36.0 31.1 46.7



#38
1-Methylnaphthalene
Concen: 9.897 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:142 Resp: 61258
Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.03 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

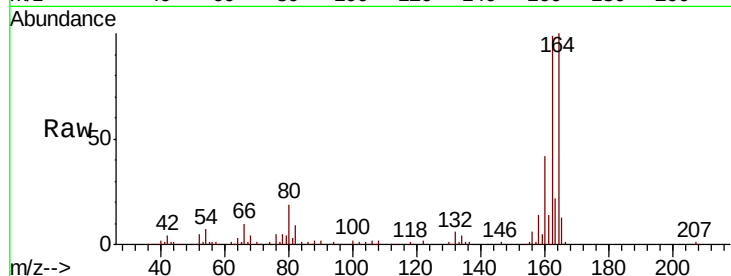
Tot Ion:164 Resp: 114076

Ion Ratio Lower Upper

164 100

162 98.5 87.2 130.8

160 42.0 33.3 49.9

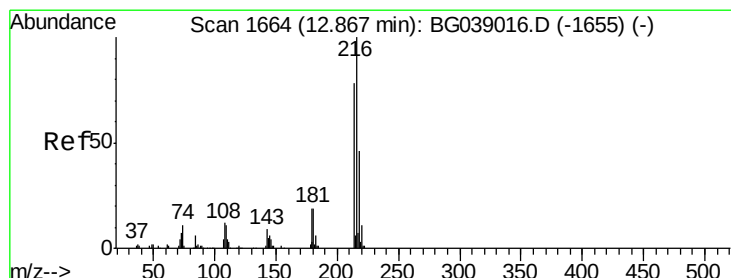
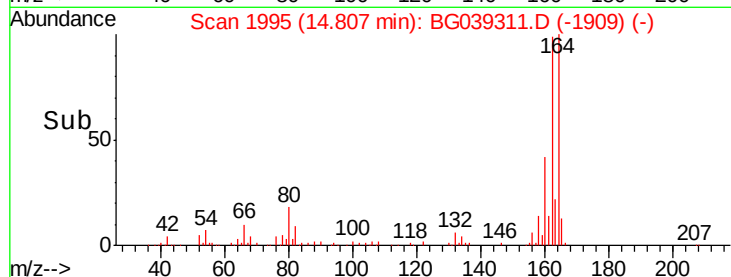
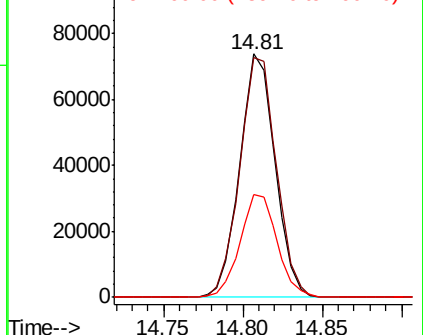


Abundance

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: 8.290 ng

RT: 13.00 min Scan# 1688

Delta R.T. -0.03 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Tgt Ion:216 Resp: 35514

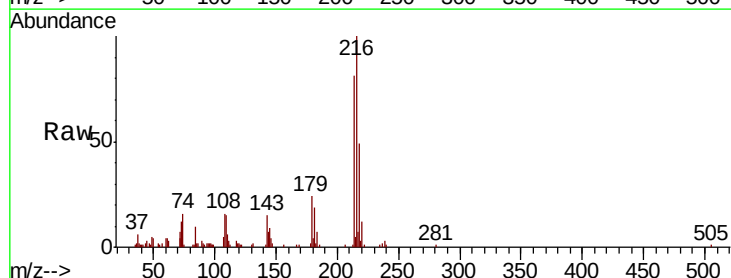
Ion Ratio Lower Upper

216 100

214 82.5 63.4 95.2

179 22.1 15.5 23.3

108 19.2 11.4 17.2#



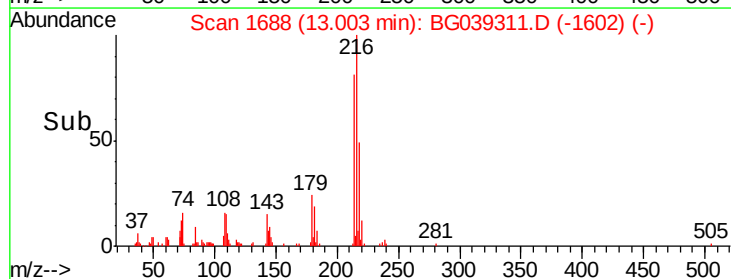
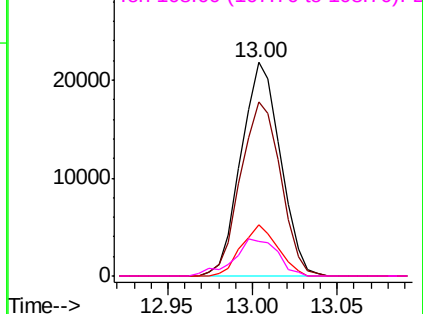
Abundance

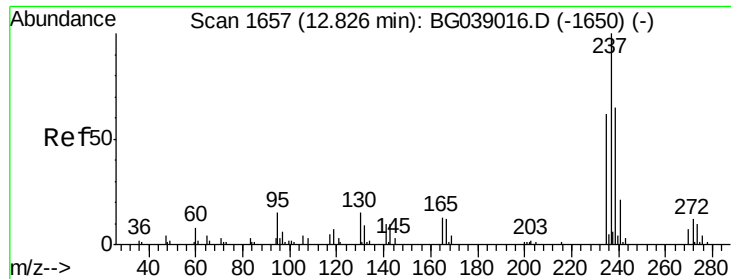
Ion 216.00 (215.70 to 216.70): E

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: 8.487 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

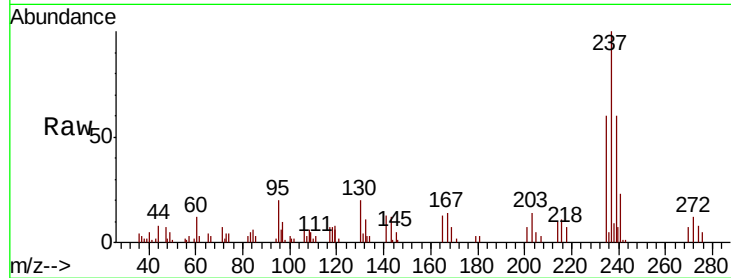
Tot Ion:237 Resp: 17877

Ion Ratio Lower Upper

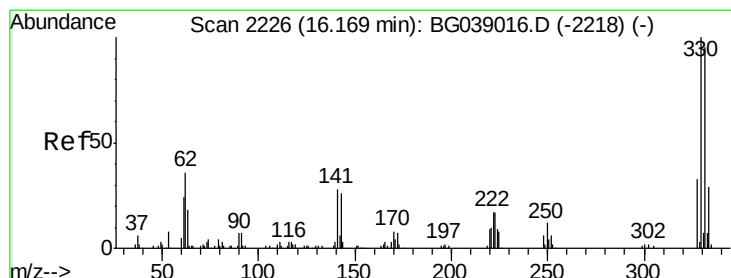
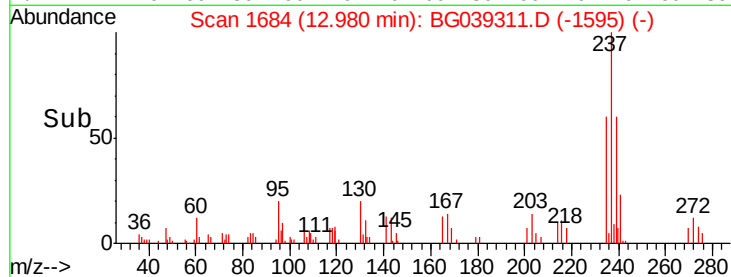
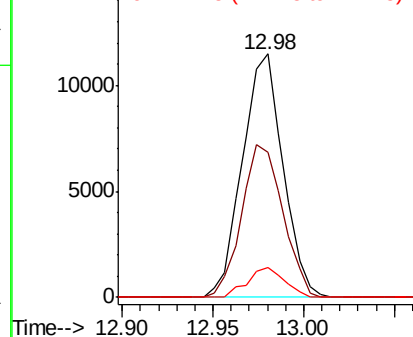
237 100

235 59.7 41.7 81.7

272 12.4 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: 10.845 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.05 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

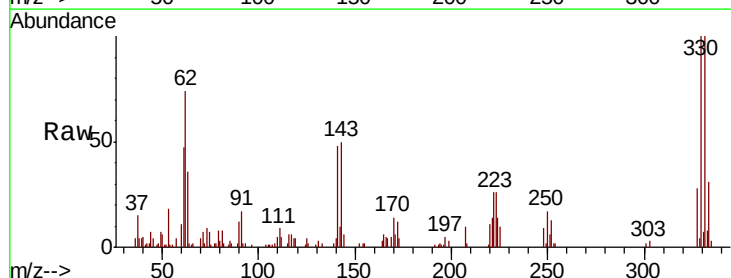
Tgt Ion:330 Resp: 20738

Ion Ratio Lower Upper

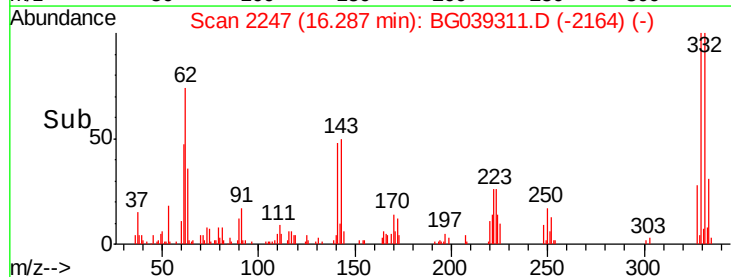
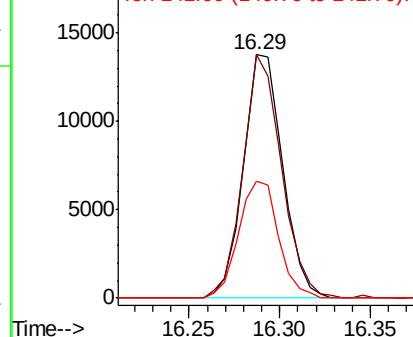
330 100

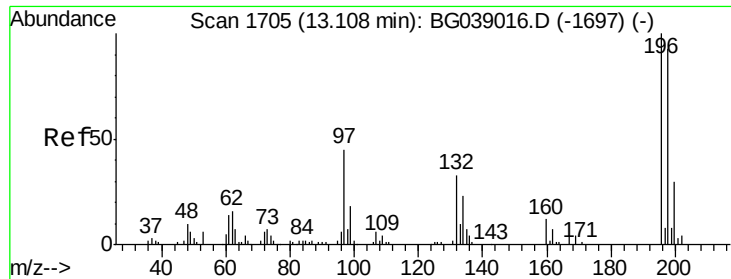
332 98.1 75.7 113.5

141 48.5 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

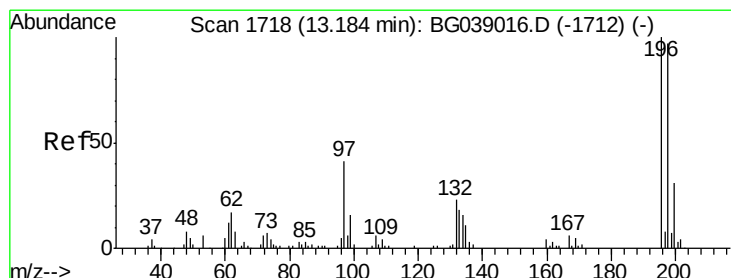
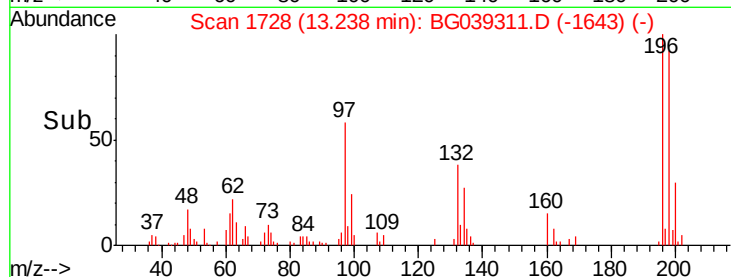
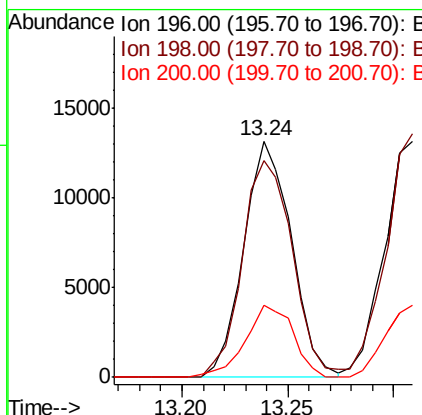
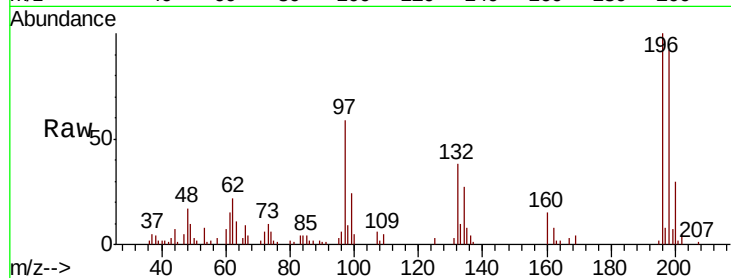




#43
 2,4,6-Trichlorophenol
 Concen: 7.644 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.03 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

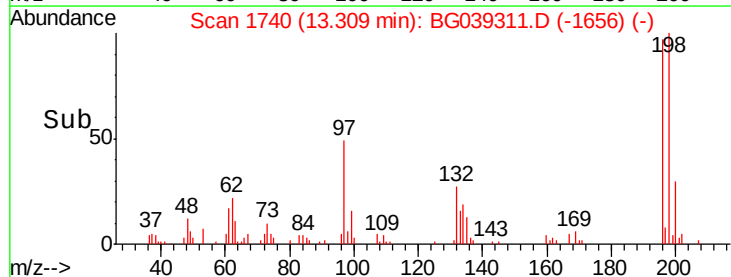
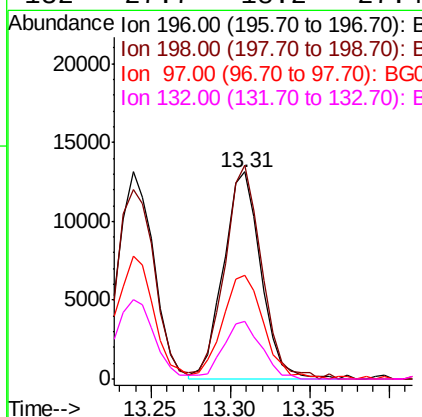
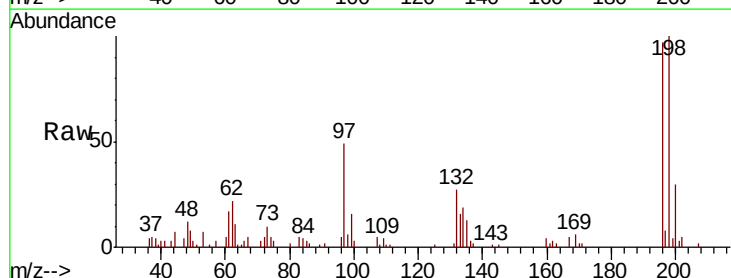
Instrument :
 BNA_F
 ClientSampleId :

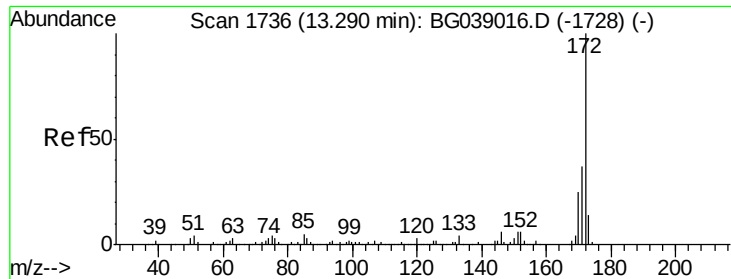
Tot Ion:196 Resp: 20611
 Ion Ratio Lower Upper
 196 100
 198 91.6 74.5 111.7
 200 30.4 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 7.546 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.04 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

Tgt Ion:196 Resp: 21504
 Ion Ratio Lower Upper
 196 100
 198 103.1 78.1 117.1
 97 50.2 33.2 49.8#
 132 27.7 18.2 27.4#

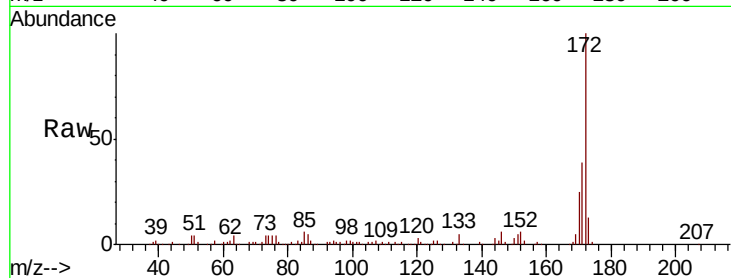




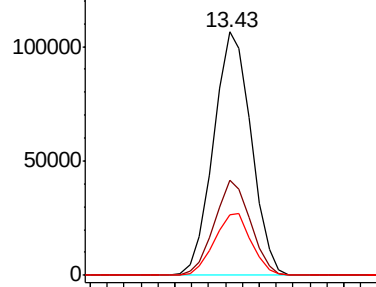
#45
 2-Fluorobiphenyl
 Concen: 19.822 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

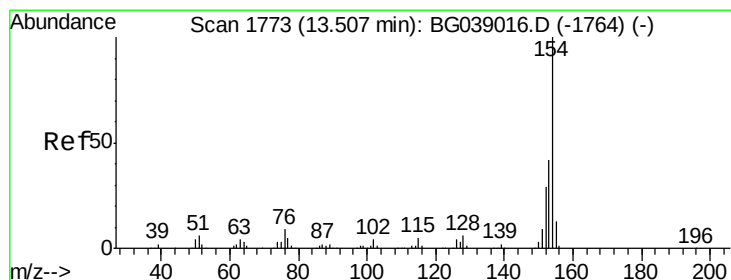
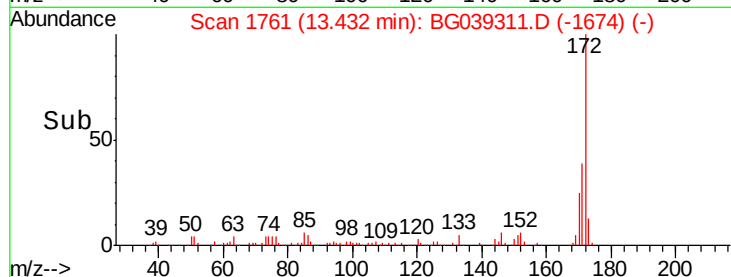
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.0
170	24.8	20.1	30.1



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

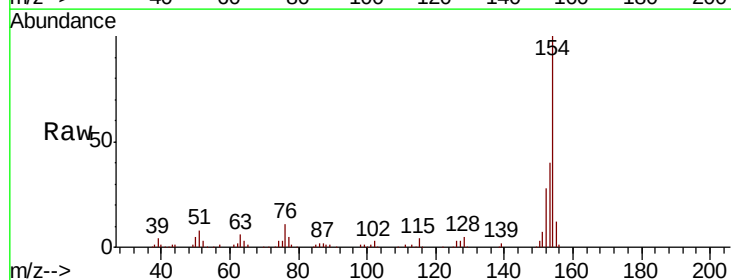


Time--> 13.35 13.40 13.45 13.50

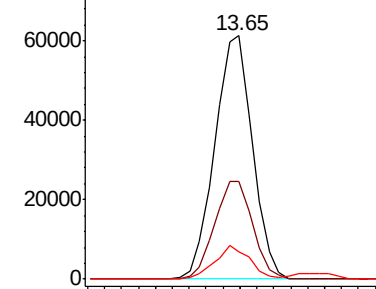


#46
 1,1'-Biphenyl
 Concen: 10.506 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

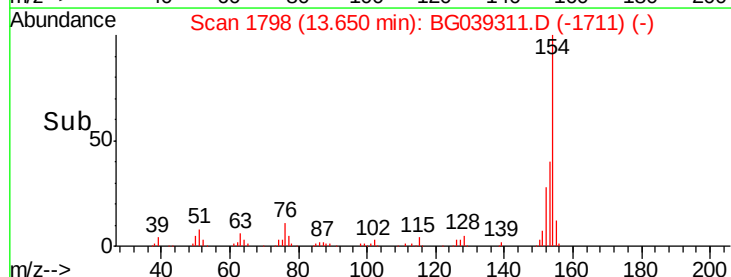
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	22.4	62.4
76	11.3	0.0	29.4

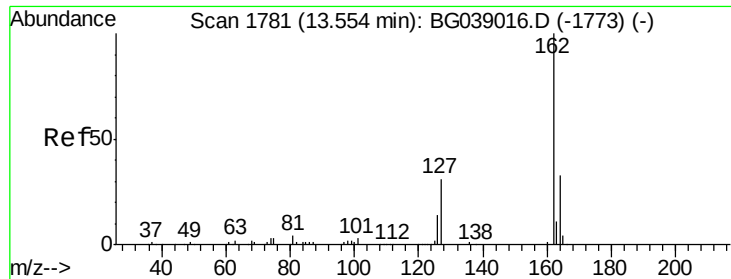


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG



Time--> 13.60 13.65 13.70

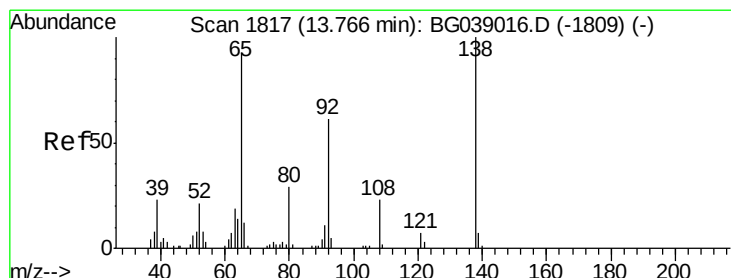
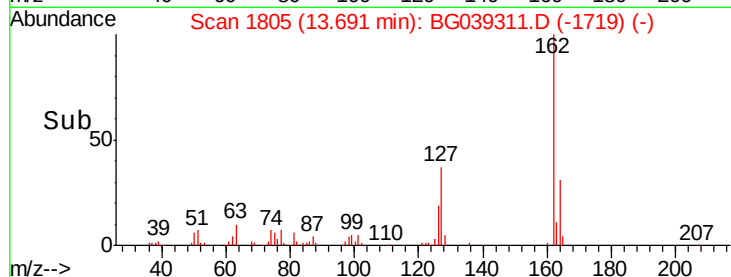
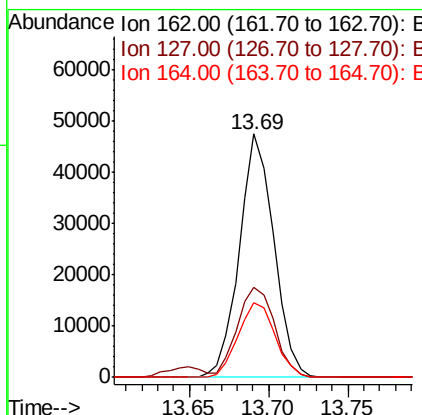
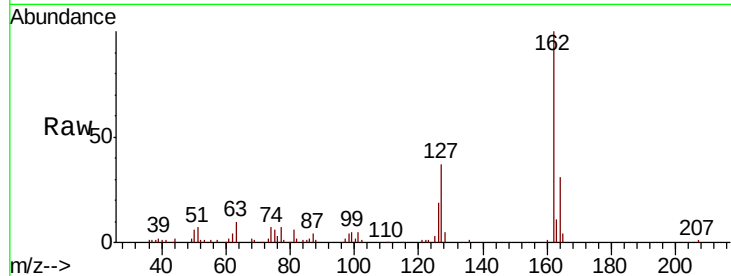




#47
2-Chloronaphthalene
Concen: 9.798 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

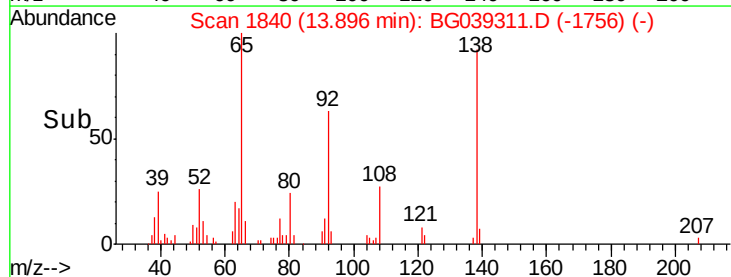
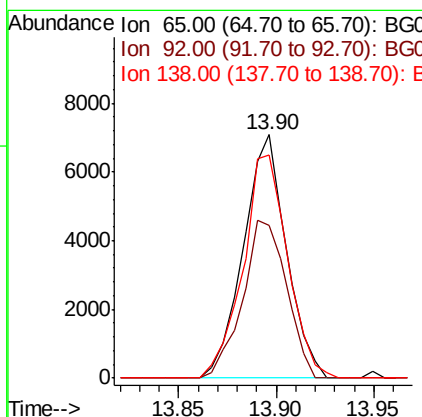
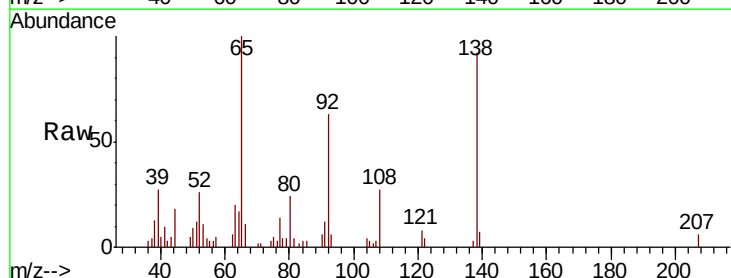
Instrument :
BNA_F
ClientSampleId :

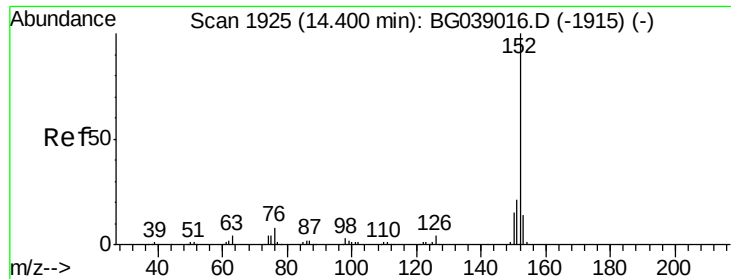
Tot Ion: 162 Resp: 71669
Ion Ratio Lower Upper
162 100
127 37.0 28.4 42.6
164 30.7 26.3 39.5



#48
2-Nitroaniline
Concen: 5.260 ng
RT: 13.90 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion: 65 Resp: 10779
Ion Ratio Lower Upper
65 100
92 62.8 52.2 78.4
138 91.7 86.0 129.0





#49

Acenaphthylene

Concen: 10.098 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampled :

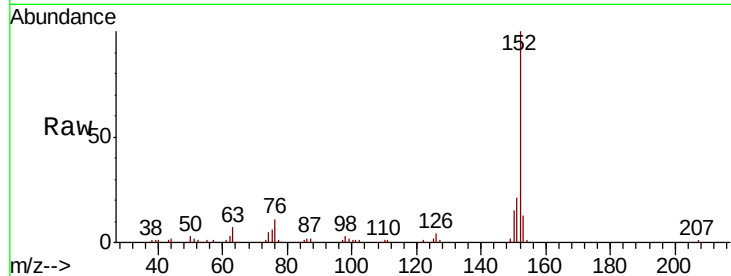
Tot Ion:152 Resp: 111020

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

153 12.9 11.2 16.8

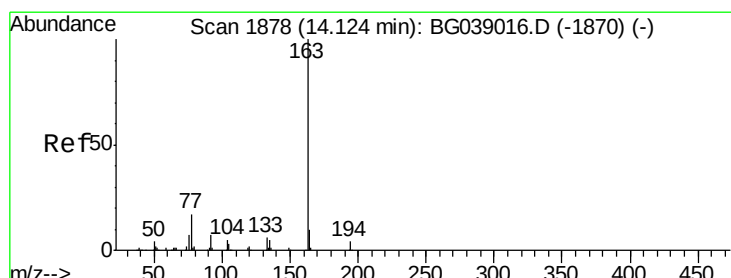
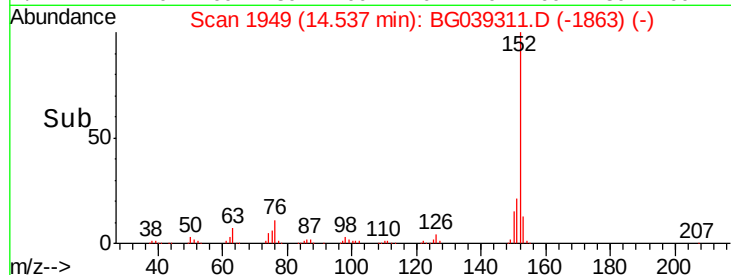
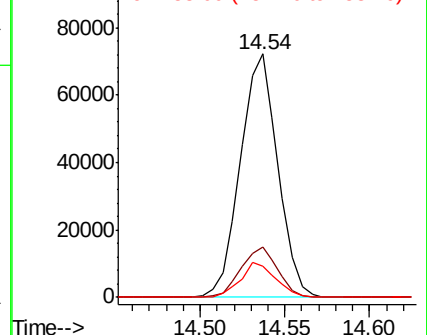


Abundance

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: 9.708 ng

RT: 14.25 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

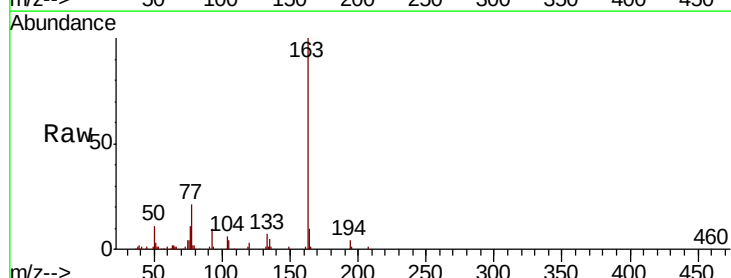
Tgt Ion:163 Resp: 93583

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

164 9.8 8.2 12.2

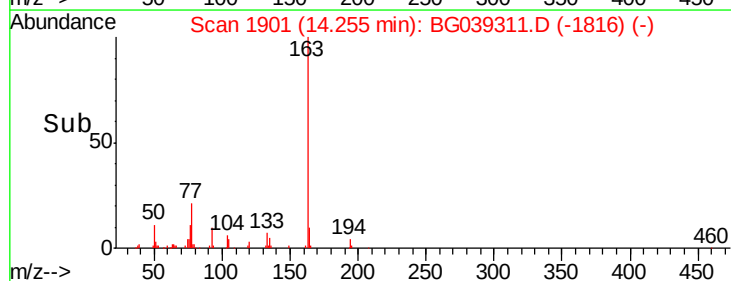
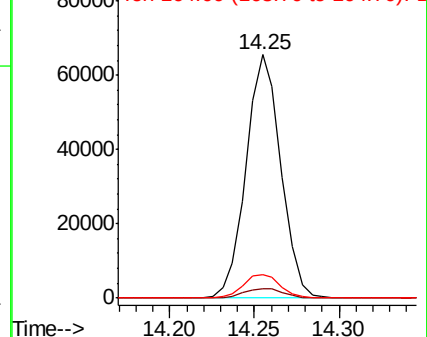


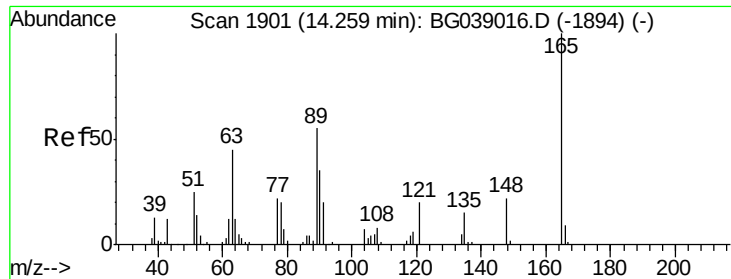
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

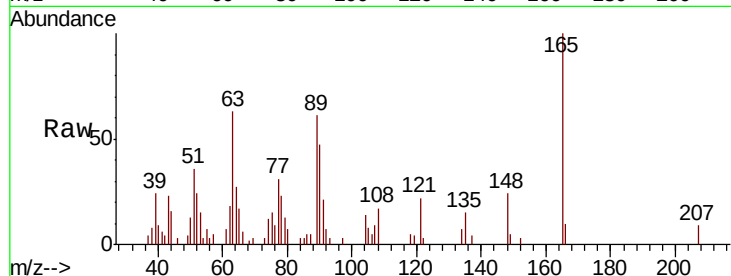




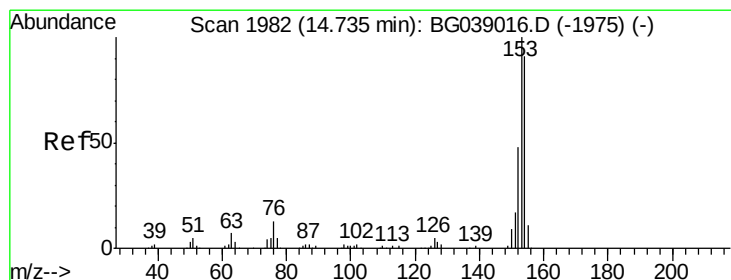
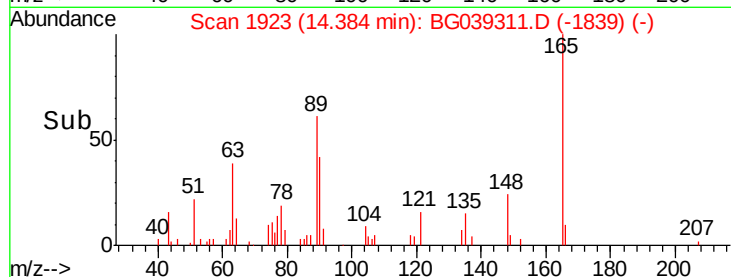
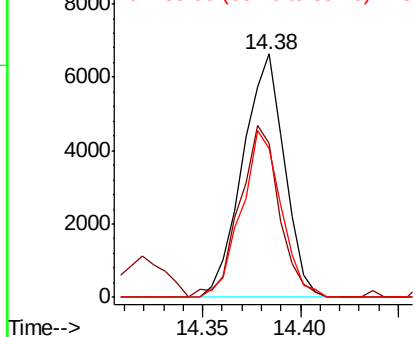
#51
2,6-Dinitrotoluene
Concen: 4.546 ng
RT: 14.38 min Scan# 1923
Delta R.T. -0.04 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 9797
Ion Ratio Lower Upper
165 100
63 63.5 43.6 65.4
89 61.0 43.7 65.5

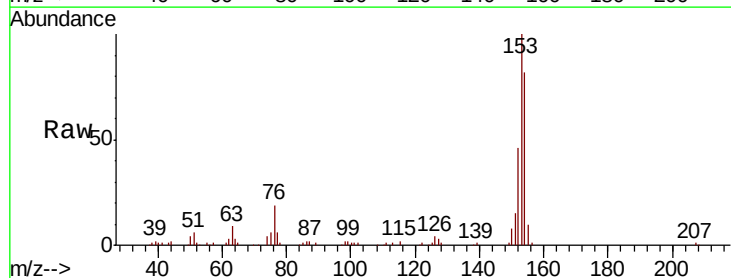


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

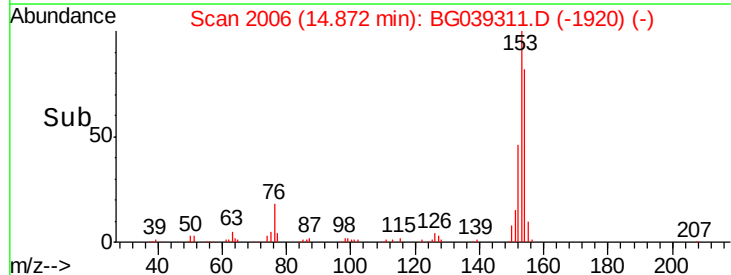
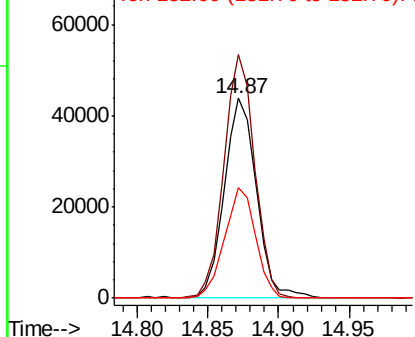


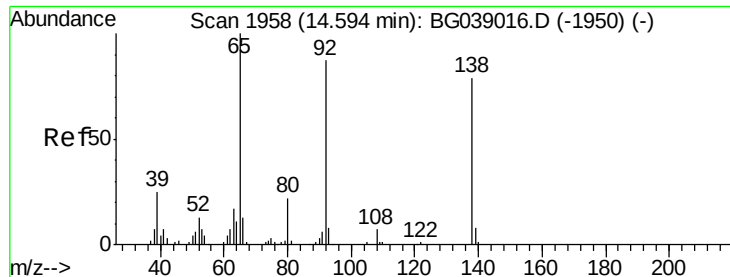
#52
Acenaphthene
Concen: 10.546 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:154 Resp: 69662
Ion Ratio Lower Upper
154 100
153 121.8 87.9 131.9
152 55.6 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

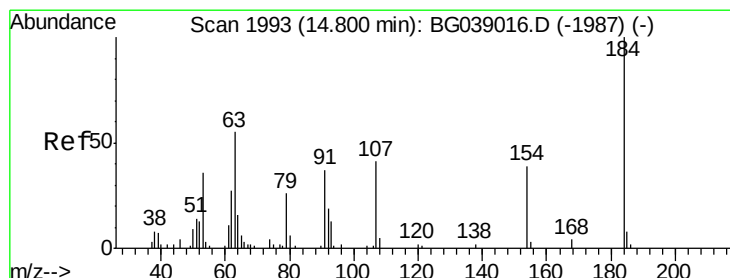
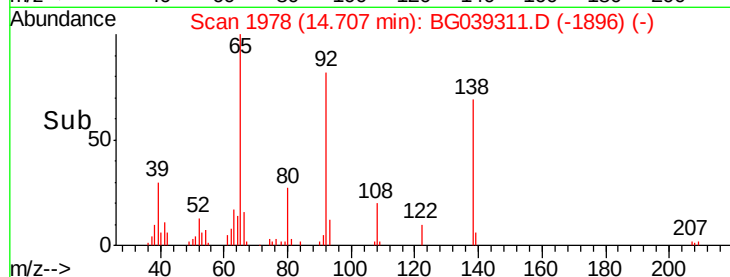
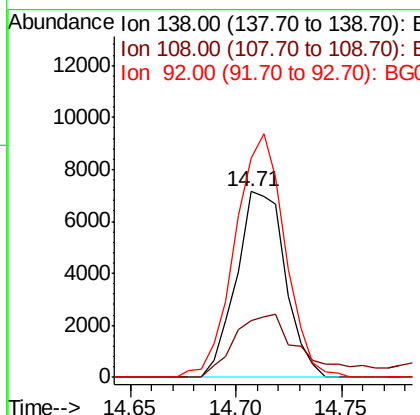
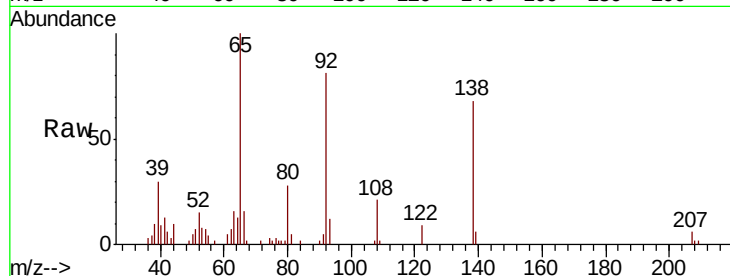




#53
3-Nitroaniline
Concen: 5.260 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.05 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

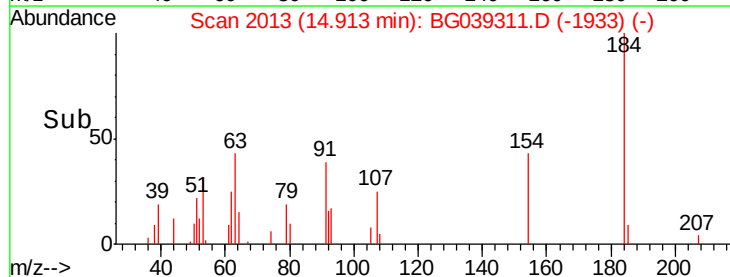
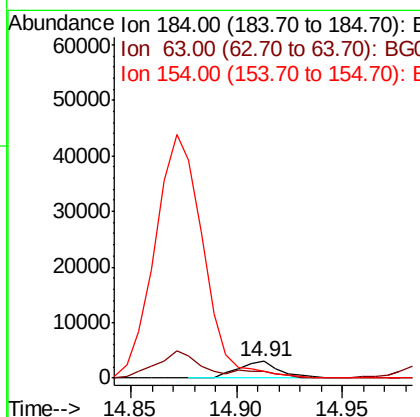
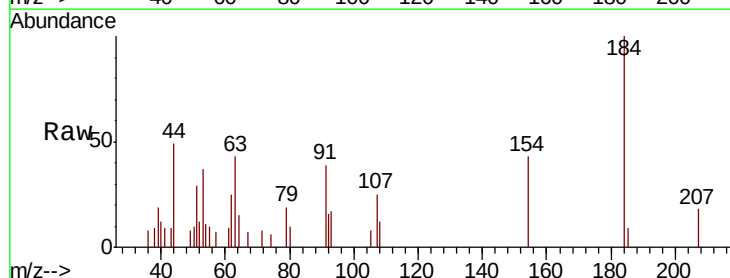
Instrument :
BNA_F
ClientSampleId :

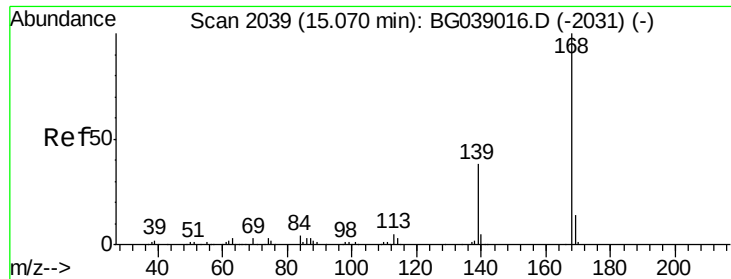
Tot Ion:138 Resp: 11500
Ion Ratio Lower Upper
138 100
108 30.6 7.4 11.0#
92 118.1 88.2 132.4



#54
2,4-Dinitrophenol
Concen: 3.652 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.06 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:184 Resp: 4068
Ion Ratio Lower Upper
184 100
63 42.7 44.0 66.0#
154 42.6 46.1 69.1#

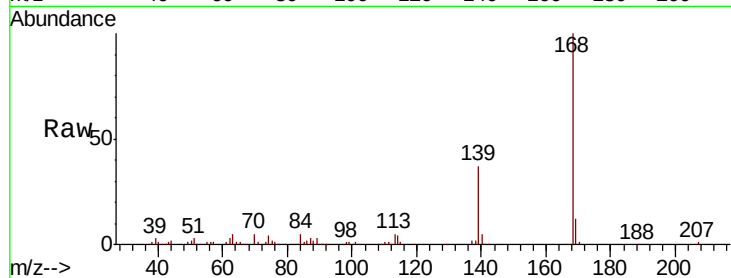




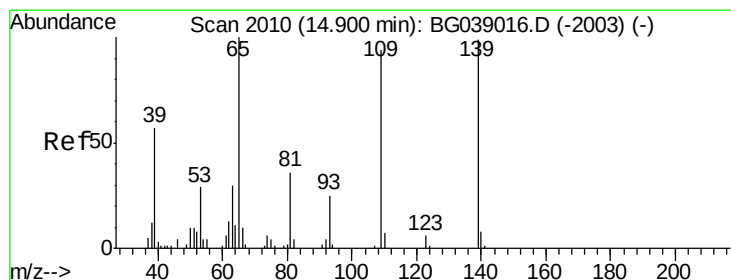
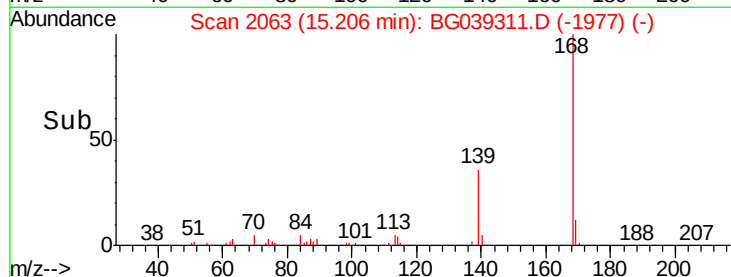
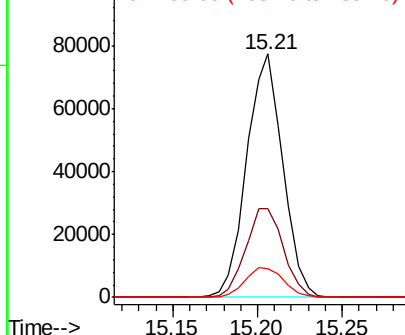
#55
Dibenzofuran
Concen: 9.826 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.03 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 114636
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 11.9 10.9 16.3

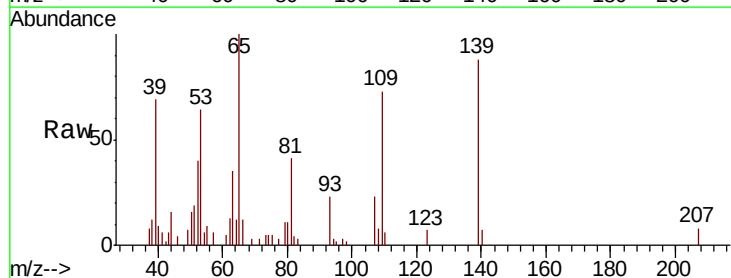


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

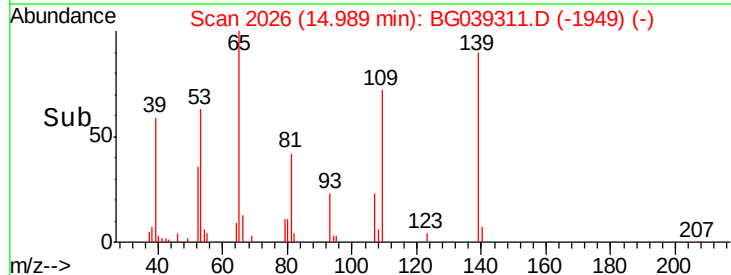
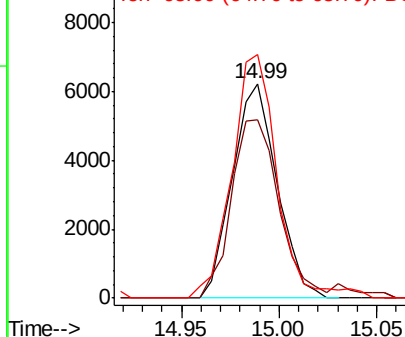


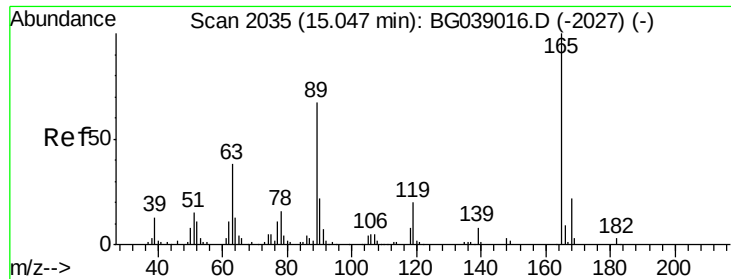
#56
4-Nitrophenol
Concen: 6.246 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.08 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:139 Resp: 9826
Ion Ratio Lower Upper
139 100
109 83.0 75.6 115.6
65 113.6 81.2 121.2



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

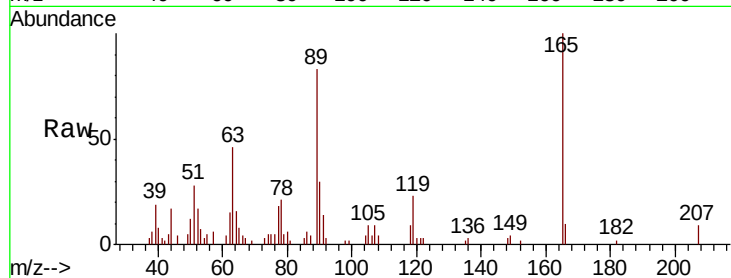




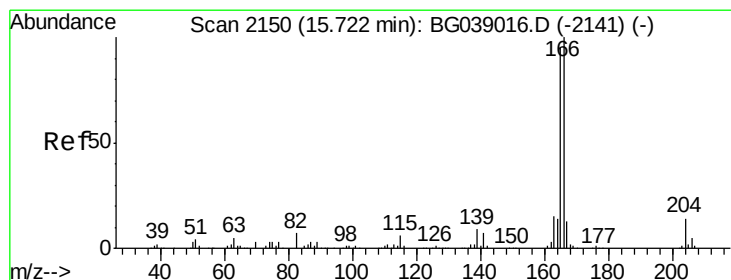
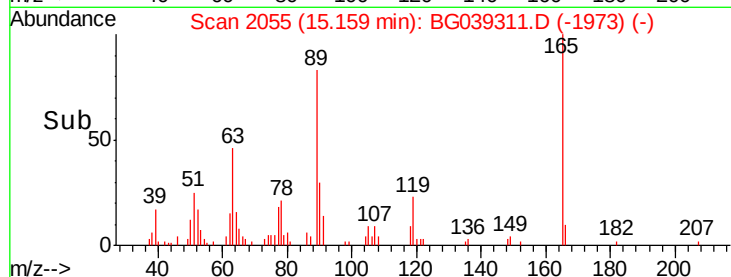
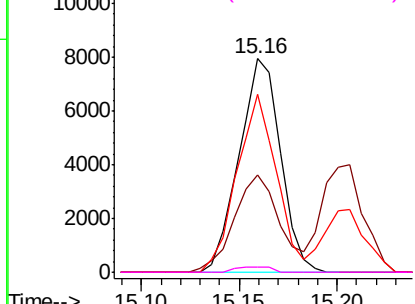
#57
2,4-Dinitrotoluene
Concen: 3.773 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.05 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 11666
Ion Ratio Lower Upper
165 100
63 45.7 30.2 45.4#
89 83.2 53.2 79.8#
182 2.3 2.7 4.1#

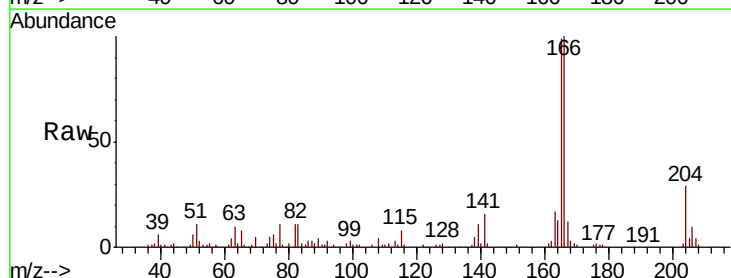


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

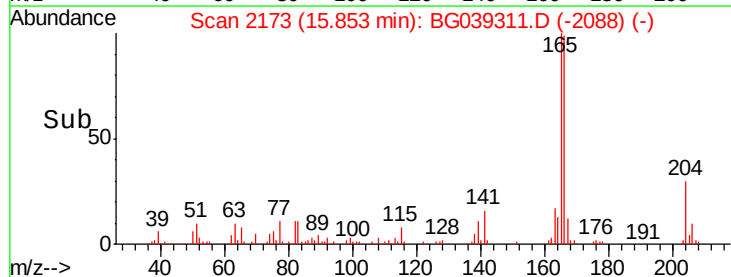
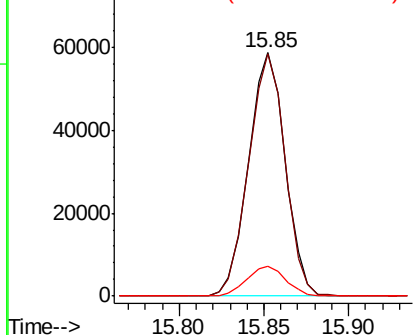


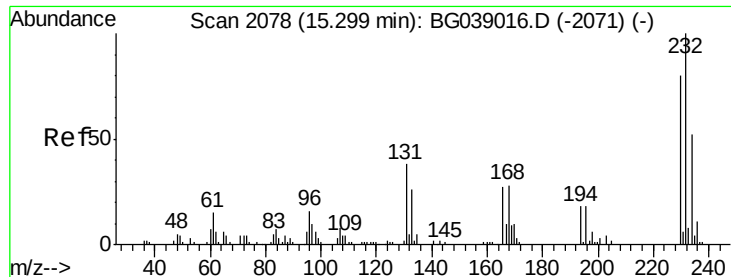
#58
Fluorene
Concen: 10.049 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:166 Resp: 88250
Ion Ratio Lower Upper
166 100
165 99.3 76.2 114.2
167 12.1 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

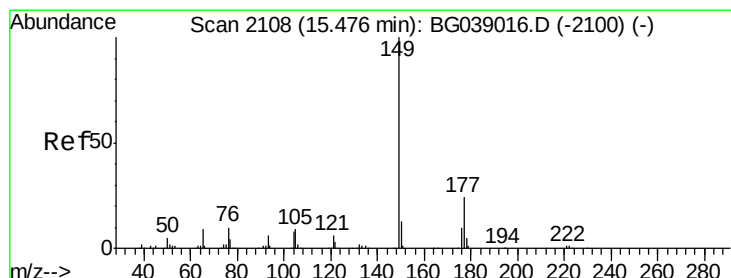
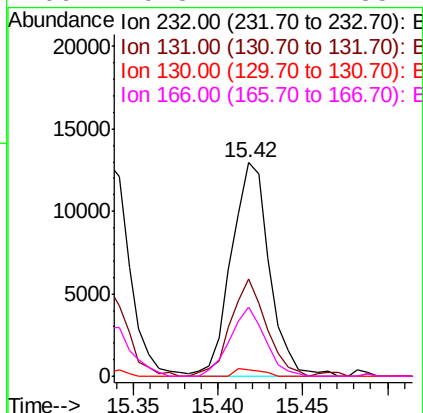
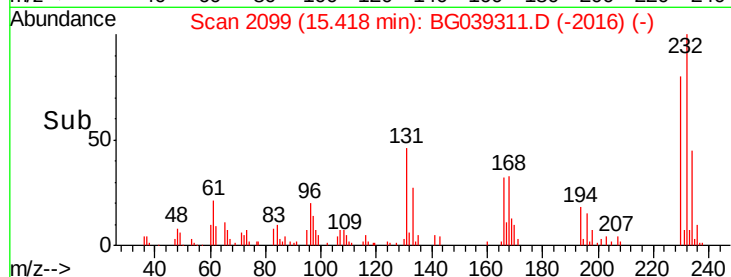
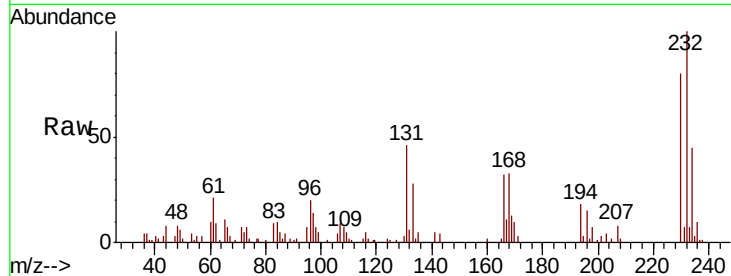




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.579 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.05 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

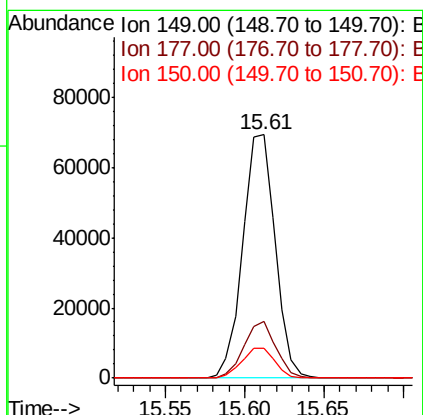
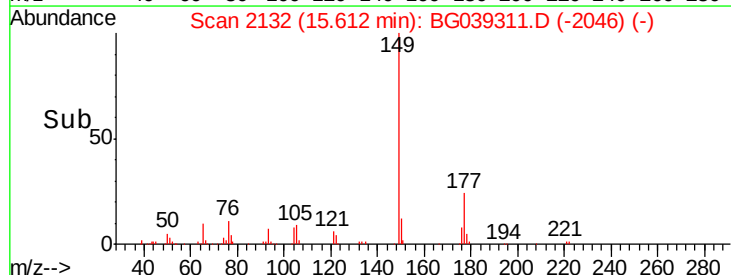
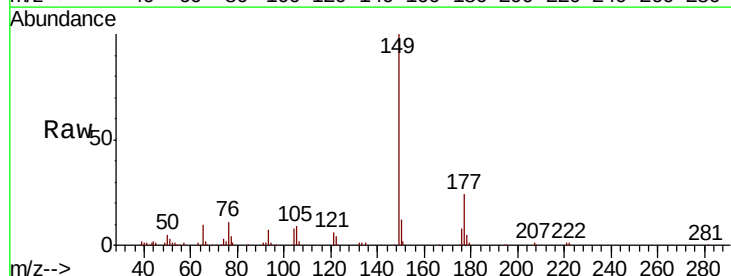
Instrument :
BNA_F
ClientSampleId :

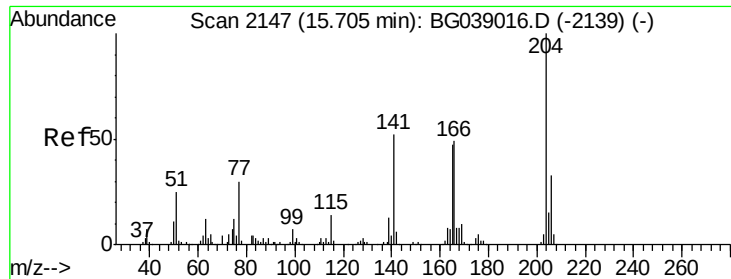
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	30.9	46.3
130	2.5	1.9	2.9
166	29.8	22.1	33.1



#60
Diethylphthalate
Concen: 9.916 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.6
150	12.2	10.2	15.4

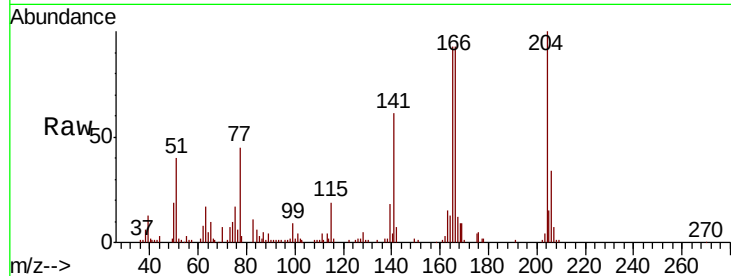




#61
 4-Chlorophenyl-phenylether
 Concen: 8.885 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.03 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	39.8
141	60.5	41.4	62.0

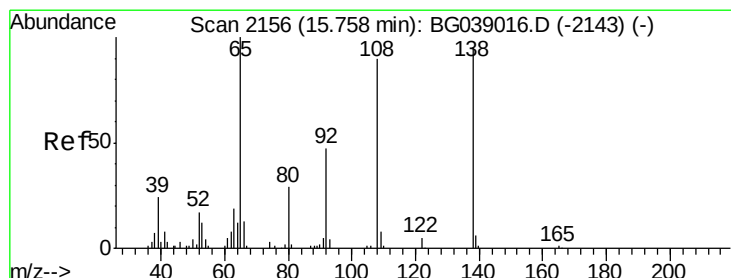
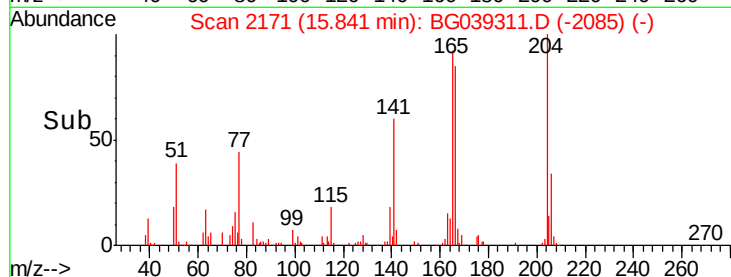
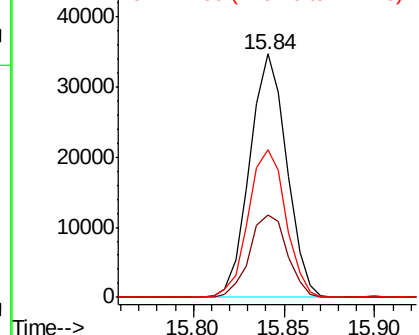


Abundance

Ion 204.00 (203.70 to 204.70): E

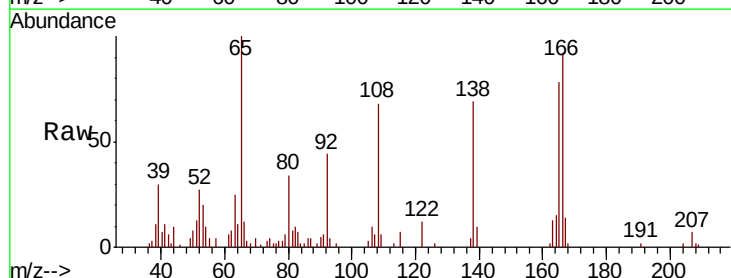
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 5.580 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.05 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.3	29.7	69.7
108	98.9	75.7	115.7

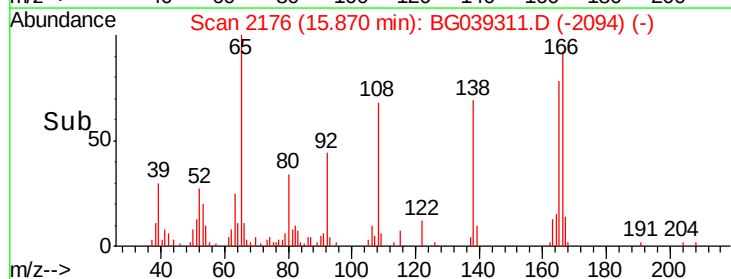
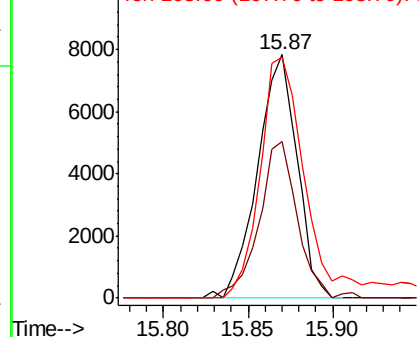


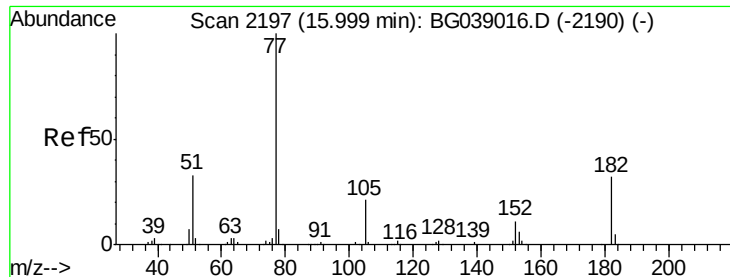
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 12.453 ng

RT: 16.13 min Scan# 2221

Delta R.T. -0.03 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 96727

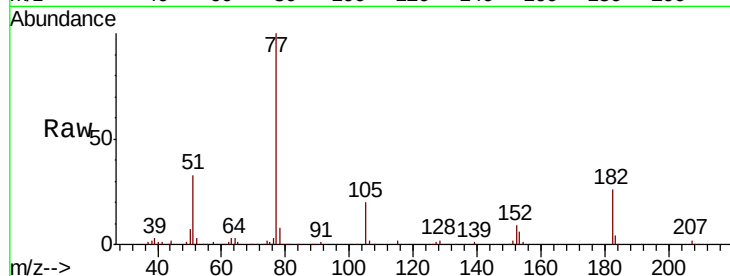
Ion Ratio Lower Upper

77 100

182 25.7 12.2 52.2

105 20.0 1.2 41.2

51 32.6 13.4 53.4

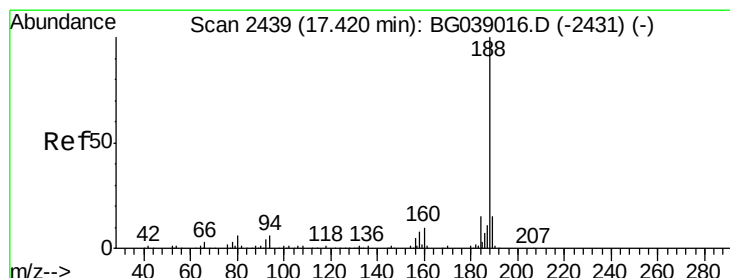
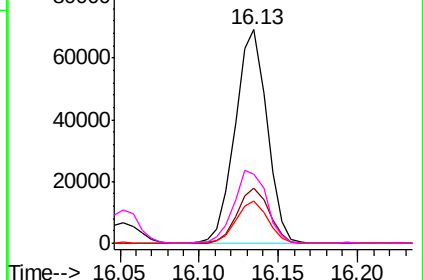
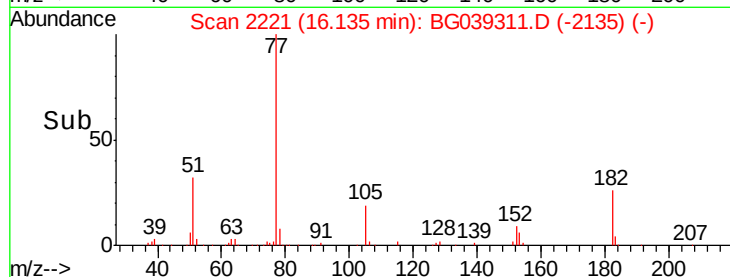


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.56 min Scan# 2463

Delta R.T. -0.03 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

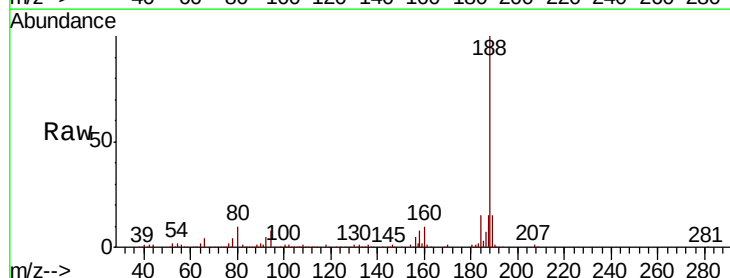
Tgt Ion: 188 Resp: 276045

Ion Ratio Lower Upper

188 100

94 8.2 5.0 7.4#

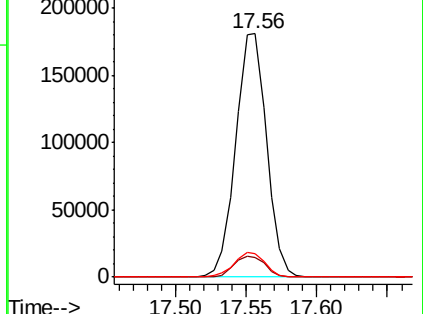
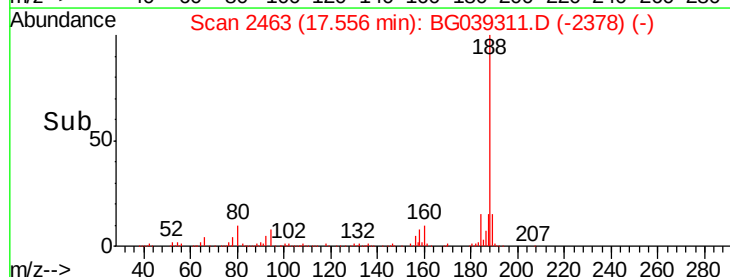
80 9.7 4.7 7.1#

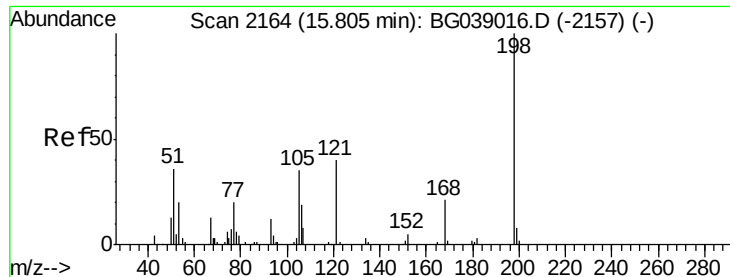


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 3.015 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.06 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

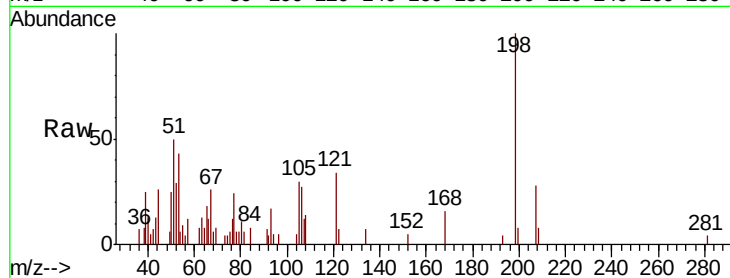
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 6166

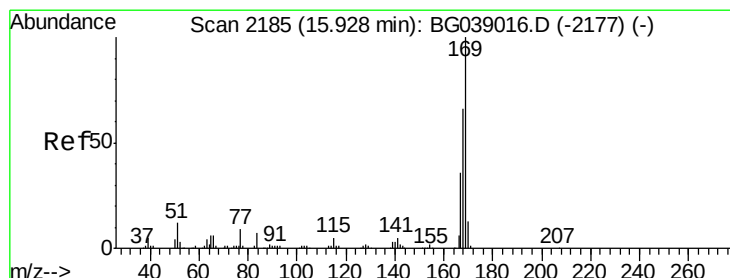
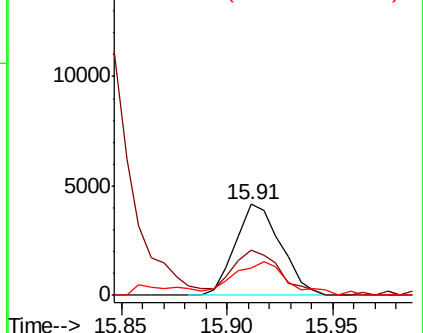
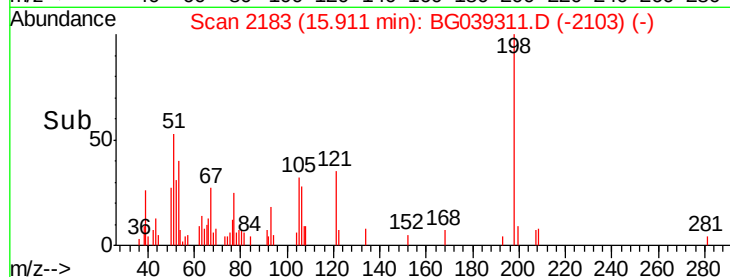
Ion	Ratio	Lower	Upper
198	100		
51	50.4	20.8	60.8
105	30.5	16.1	56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.587 ng

RT: 16.05 min Scan# 2207

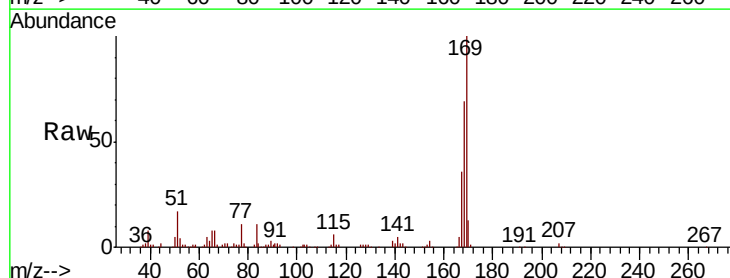
Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Tgt Ion:169 Resp: 86640

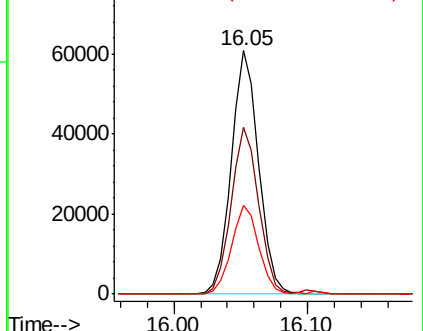
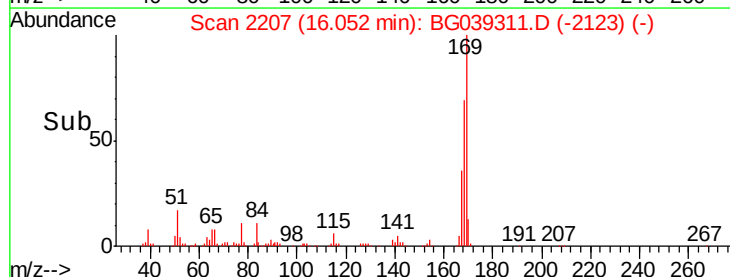
Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.2	79.8
167	36.5	29.1	43.7

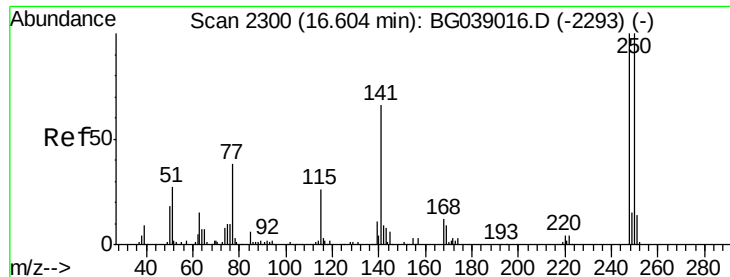


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

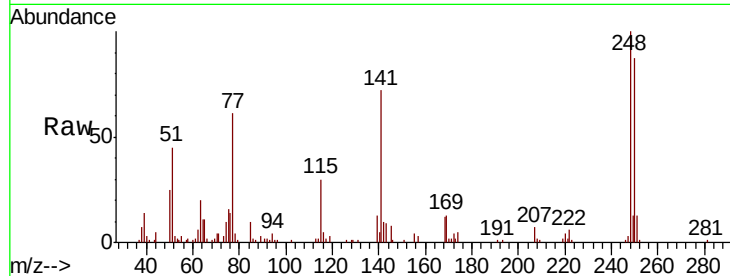




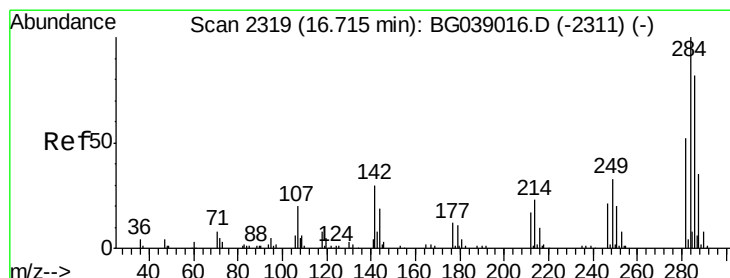
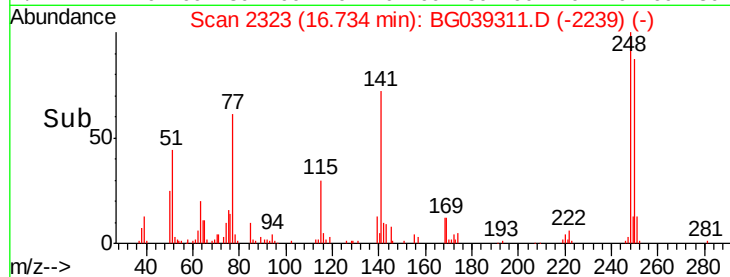
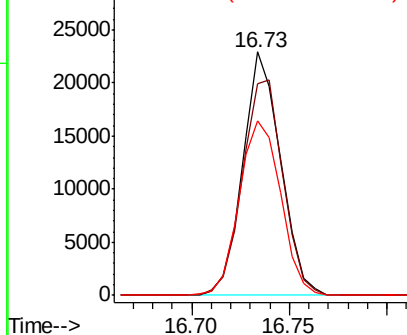
#67
 4-Bromophenyl-phenylether
 Concen: 8.676 ng
 RT: 16.73 min Scan# 2323
 Delta R.T. -0.03 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 30785
 Ion Ratio Lower Upper
 248 100
 250 87.1 79.9 119.9
 141 71.6 52.7 79.1

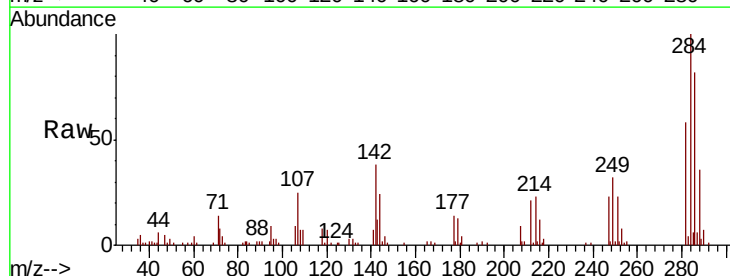


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

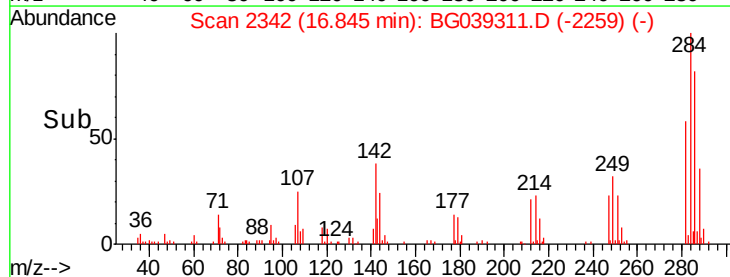
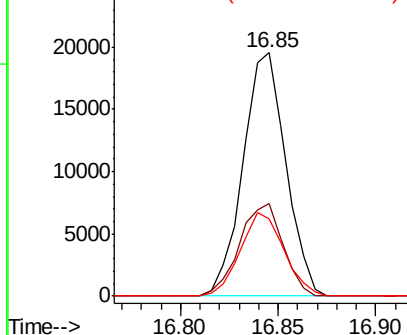


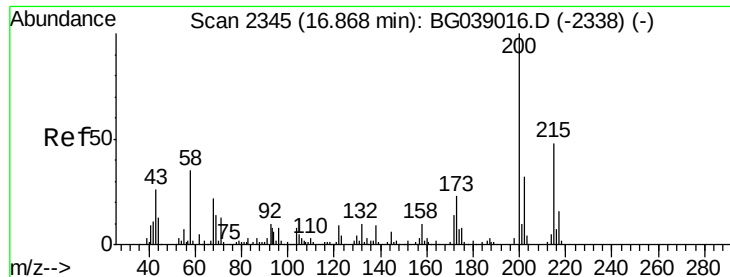
#68
 Hexachlorobenzene
 Concen: 7.673 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.04 min
 Lab File: BG039311.D
 Acq: 29 Jan 2019 10:15

Tgt Ion:284 Resp: 29709
 Ion Ratio Lower Upper
 284 100
 142 37.9 24.3 36.5#
 249 32.0 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: 9.621 ng

RT: 16.99 min Scan# 2367

Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

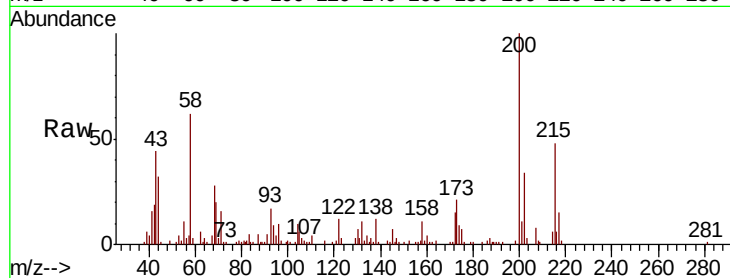
Tot Ion:200 Resp: 33446

Ion Ratio Lower Upper

200 100

173 21.5 2.6 42.6

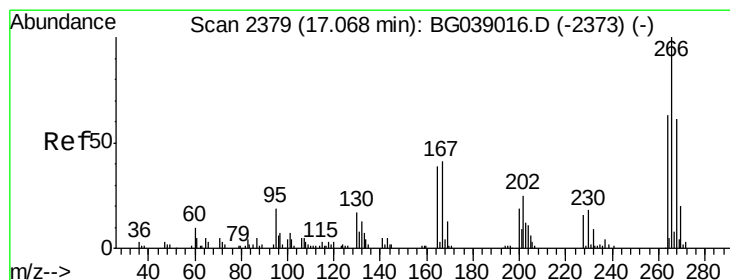
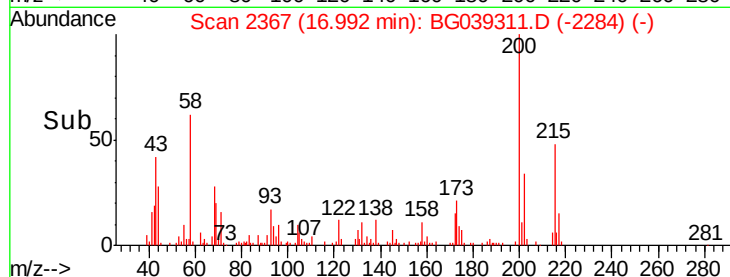
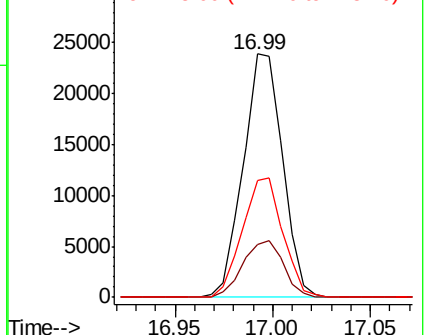
215 48.1 28.0 68.0



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: 8.251 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.05 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

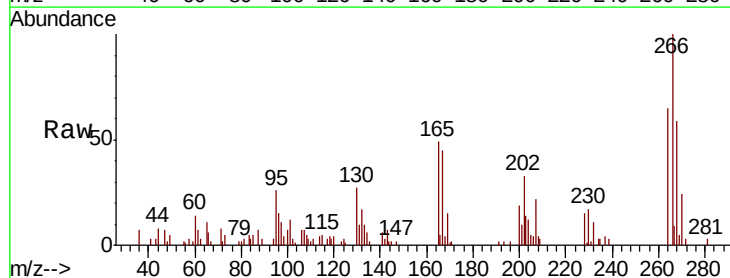
Tgt Ion:266 Resp: 17092

Ion Ratio Lower Upper

266 100

268 59.0 52.0 78.0

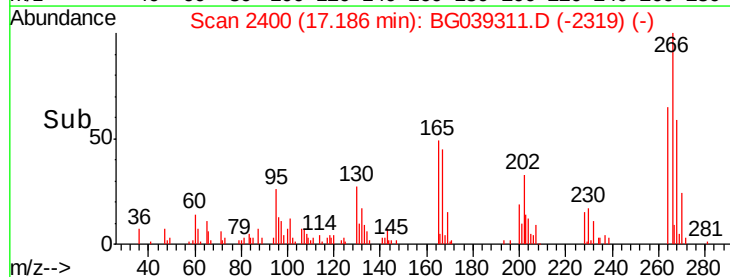
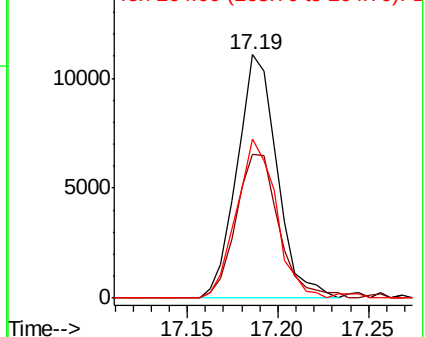
264 65.1 54.6 81.8

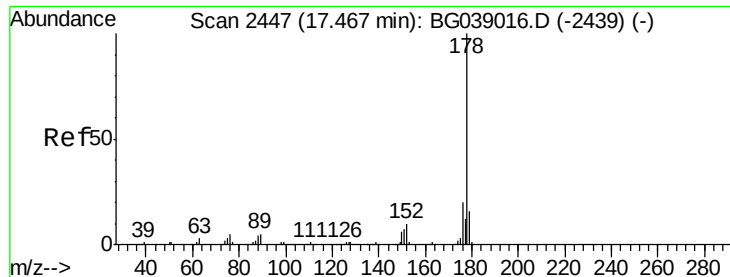


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

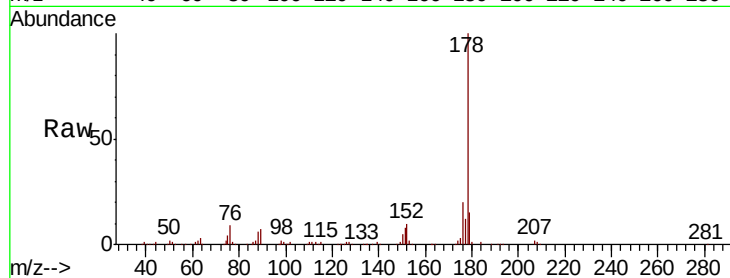




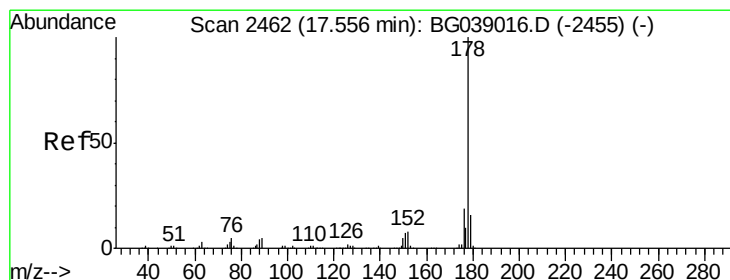
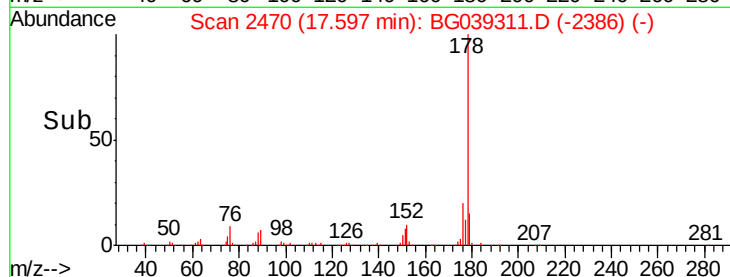
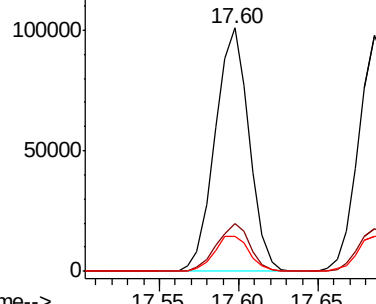
#71
Phenanthrene
Concen: 10.284 ng
RT: 17.60 min Scan# 2470
Delta R.T. -0.03 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 150051
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 14.6 12.9 19.3

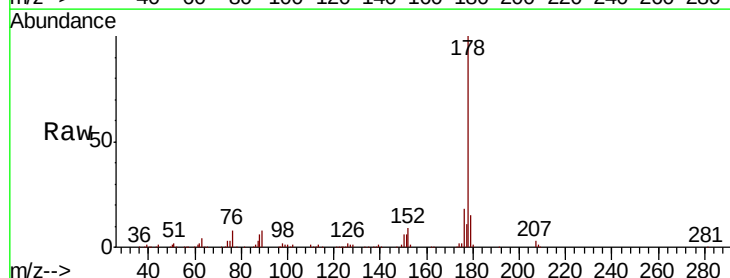


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

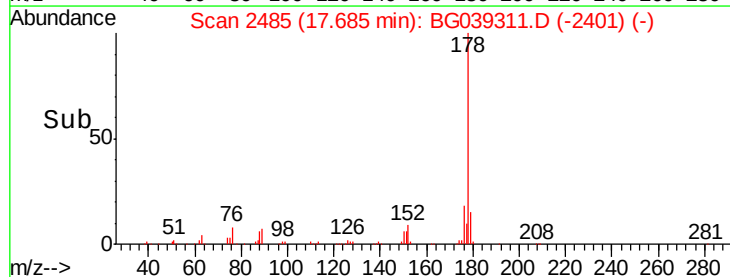
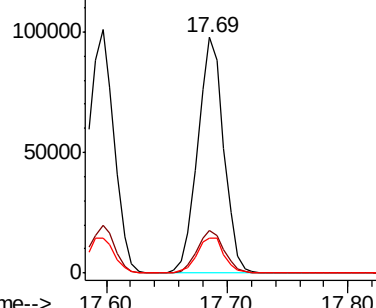


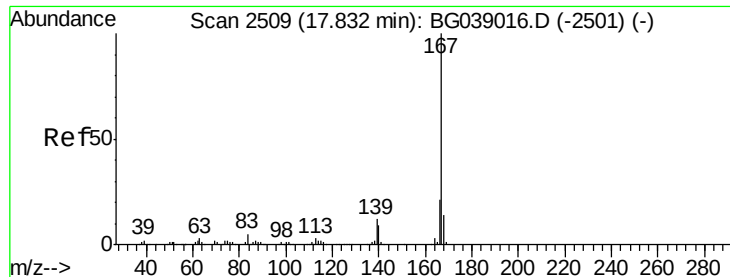
#72
Anthracene
Concen: 10.150 ng
RT: 17.69 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:178 Resp: 146424
Ion Ratio Lower Upper
178 100
176 18.0 14.9 22.3
179 14.7 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: 10.469 ng

RT: 17.96 min Scan# 2531

Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

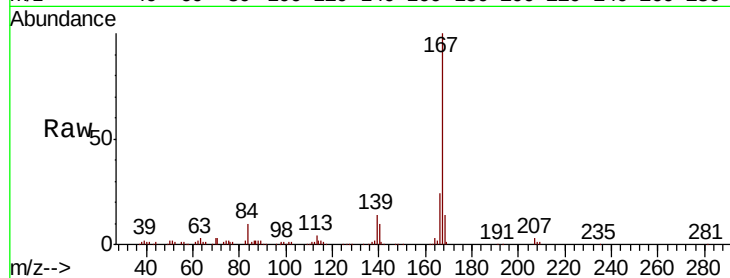
Tot Ion:167 Resp: 149091

Ion Ratio Lower Upper

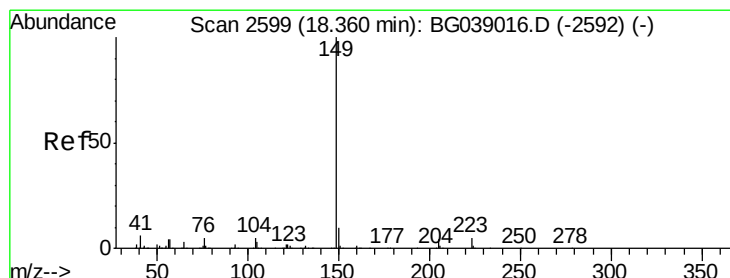
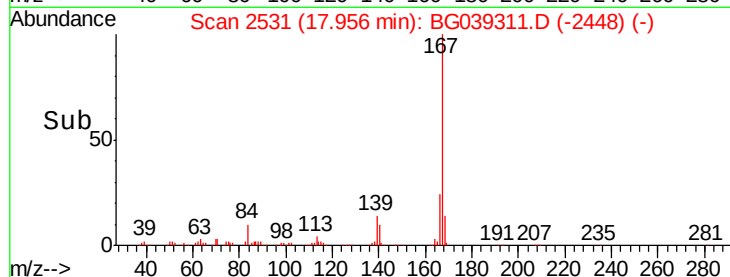
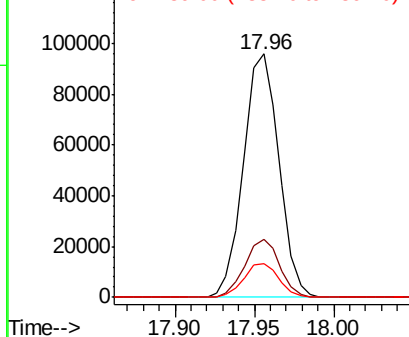
167 100

166 23.9 16.9 25.3

139 13.7 10.0 15.0



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



#74

Di-n-butylphthalate

Concen: 10.881 ng

RT: 18.50 min Scan# 2623

Delta R.T. -0.03 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

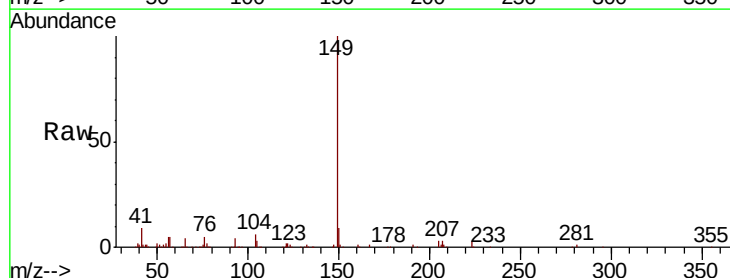
Tgt Ion:149 Resp: 172391

Ion Ratio Lower Upper

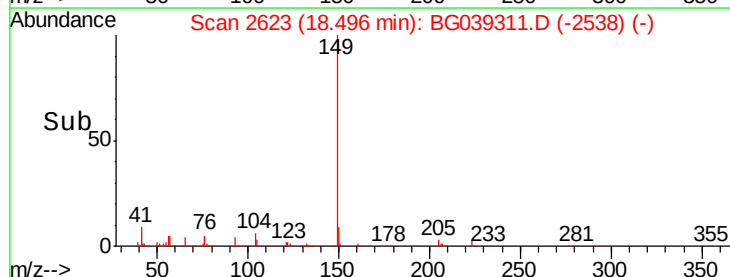
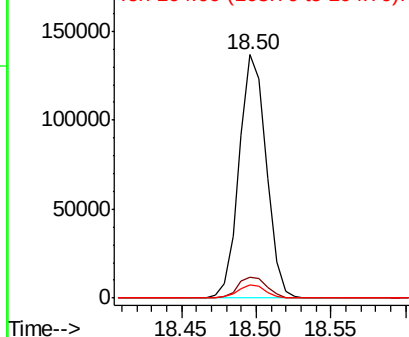
149 100

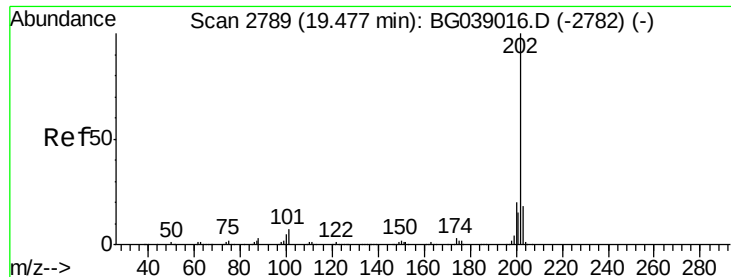
150 8.8 7.9 11.9

104 5.6 4.2 6.2



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





#75

Fluoranthene

Concen: 9.838 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

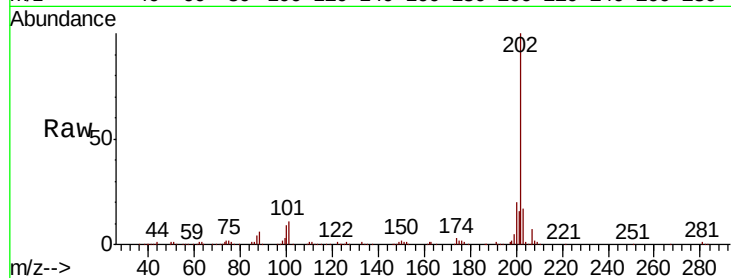
Tot Ion:202 Resp: 177948

Ion Ratio Lower Upper

202 100

101 10.5 0.0 26.9

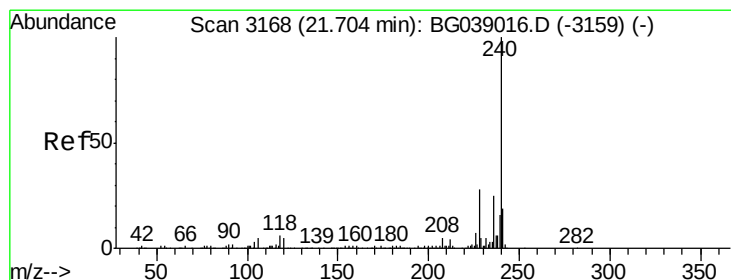
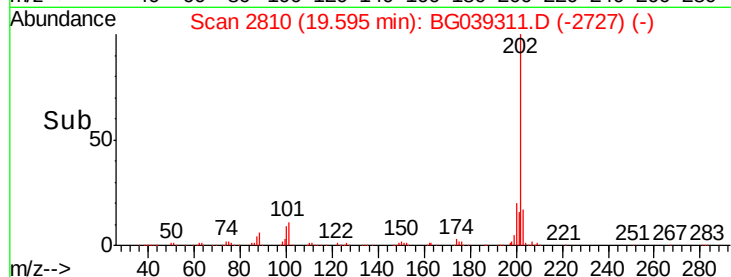
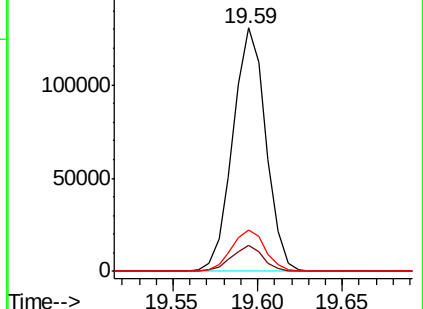
203 17.1 0.0 38.1



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: 21.85 min Scan# 3194

Delta R.T. -0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

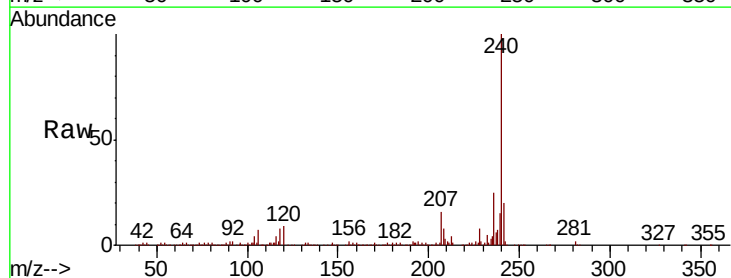
Tgt Ion:240 Resp: 287980

Ion Ratio Lower Upper

240 100

120 9.4 4.3 6.5#

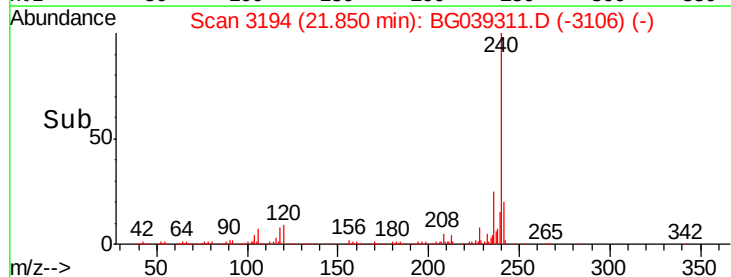
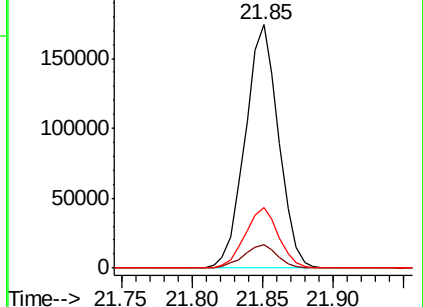
236 25.0 20.1 30.1

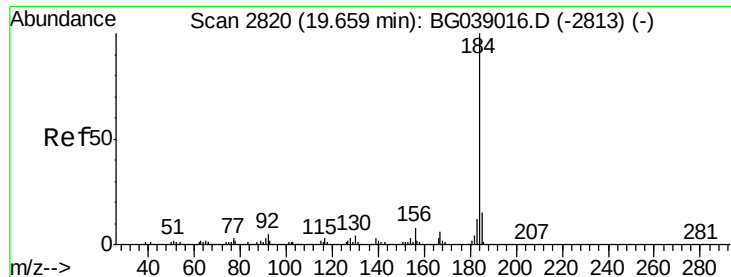


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.514 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.05 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

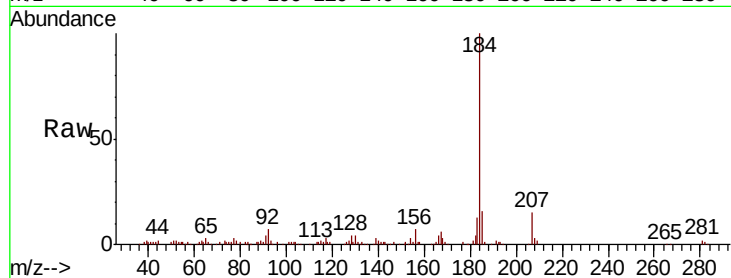
Tot Ion:184 Resp: 101414

Ion Ratio Lower Upper

184 100

185 15.7 12.1 18.1

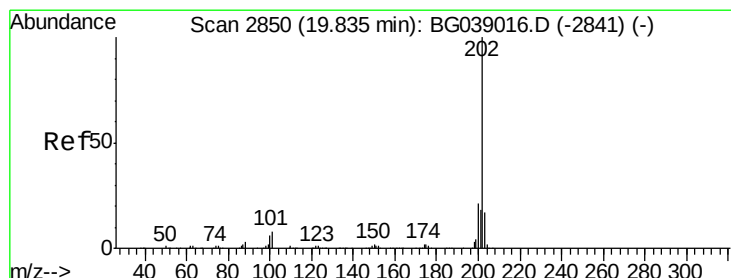
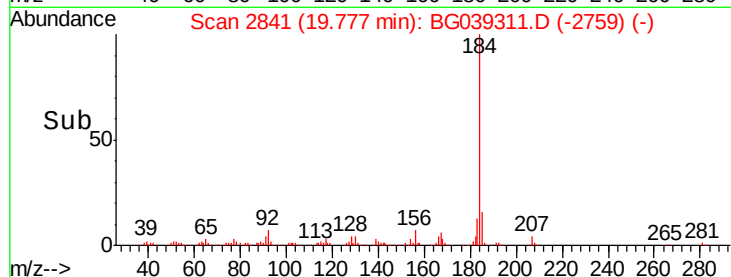
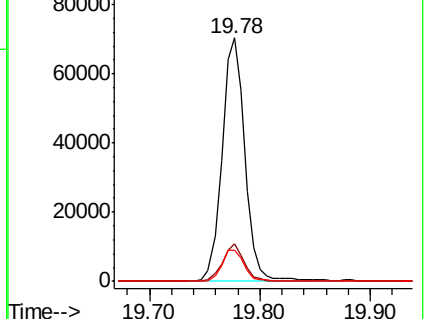
183 12.8 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.061 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

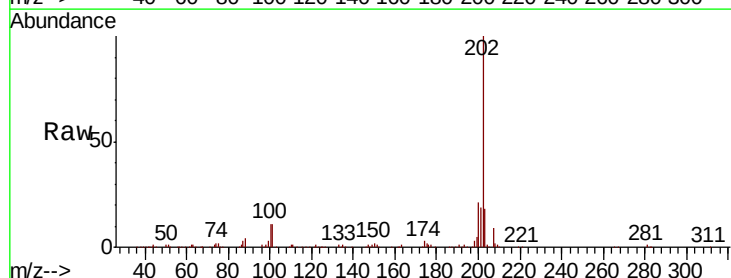
Tgt Ion:202 Resp: 184646

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

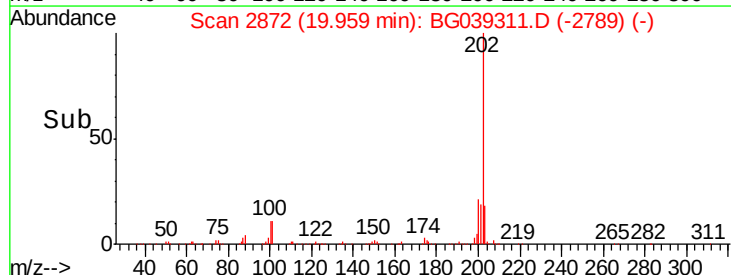
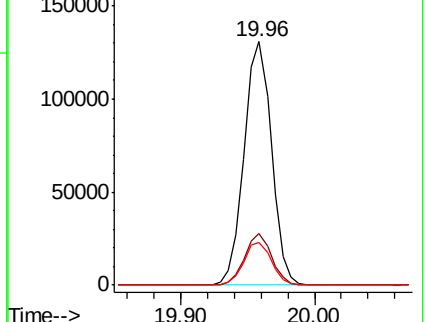
203 17.8 14.0 21.0

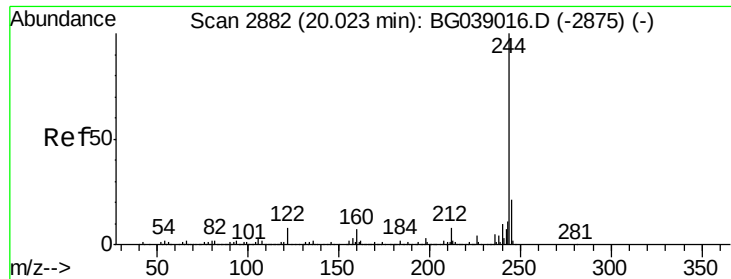


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 18.959 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.04 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampled :

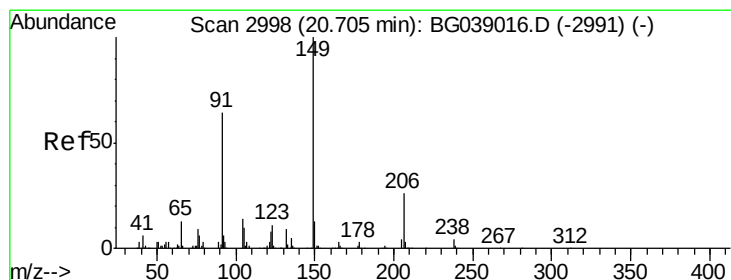
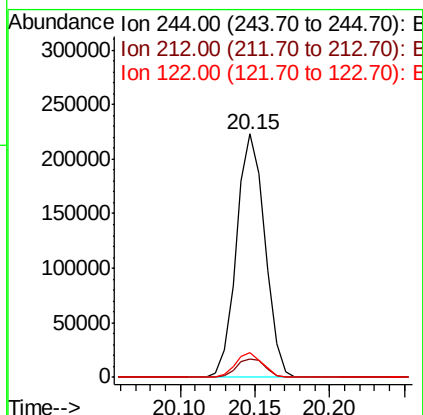
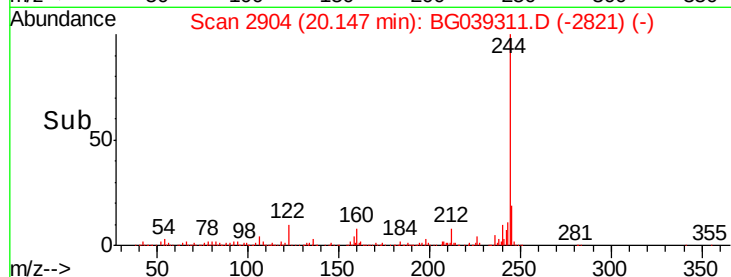
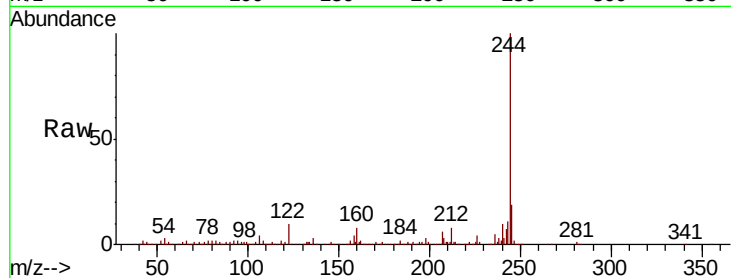
Tot Ion:244 Resp: 295145

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 10.3 6.1 9.1#



#80

Butylbenzylphthalate

Concen: 10.149 ng

RT: 20.83 min Scan# 3021

Delta R.T. -0.03 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

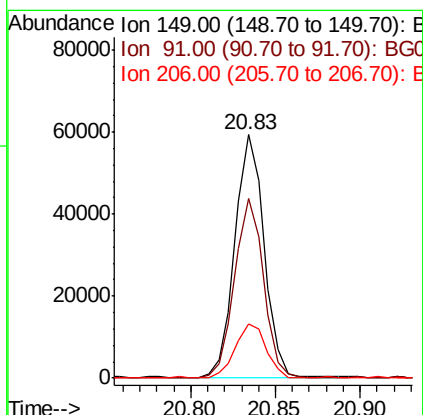
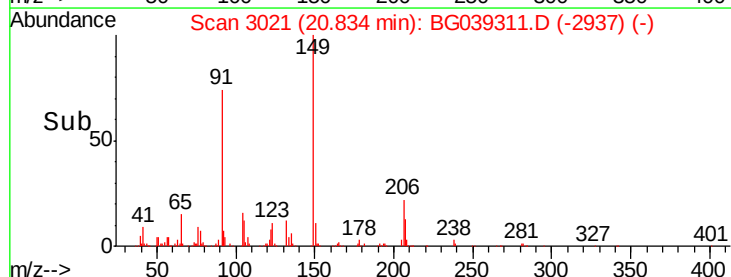
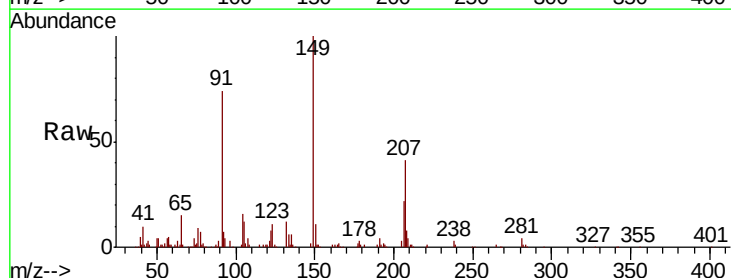
Tgt Ion:149 Resp: 70845

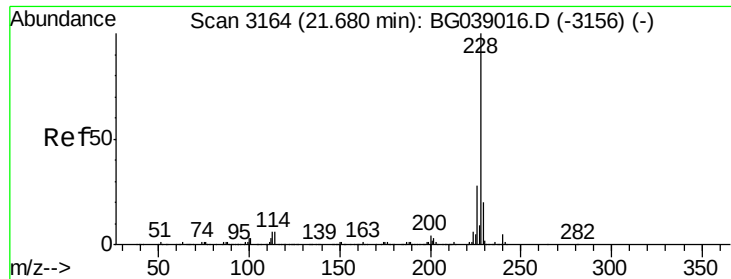
Ion Ratio Lower Upper

149 100

91 73.6 51.4 77.0

206 22.4 20.4 30.6





#81

Benzo(a)anthracene

Concen: 9.787 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

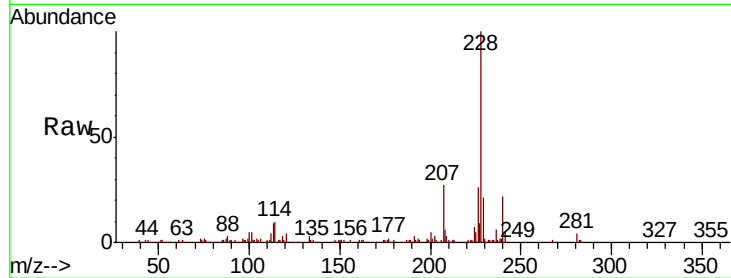
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 171577

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.4	33.6
229	20.8	16.2	24.2

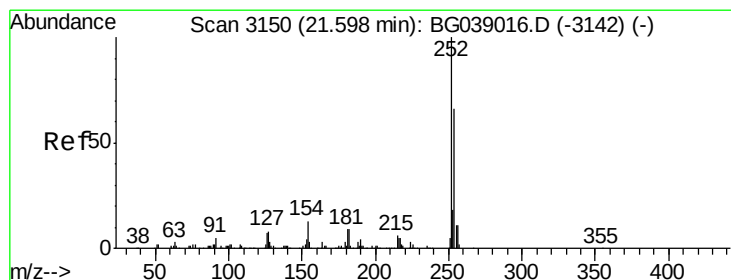
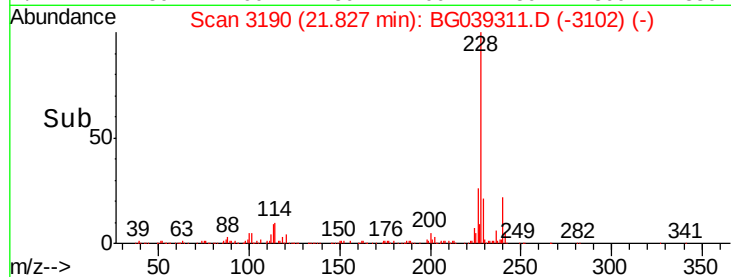
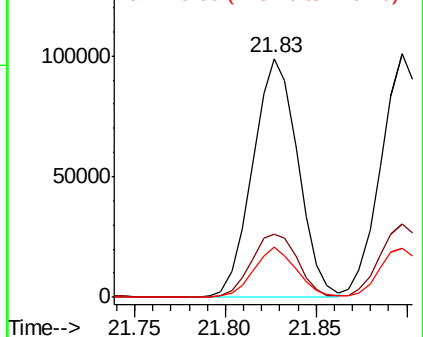


Abundance

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: 8.923 ng

RT: 21.74 min Scan# 3175

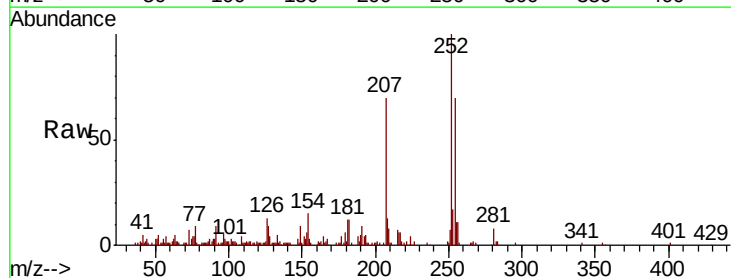
Delta R.T. -0.02 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Tgt Ion:252 Resp: 63738

Ion	Ratio	Lower	Upper
252	100		
254	70.2	53.0	79.6
126	13.0	6.0	9.0

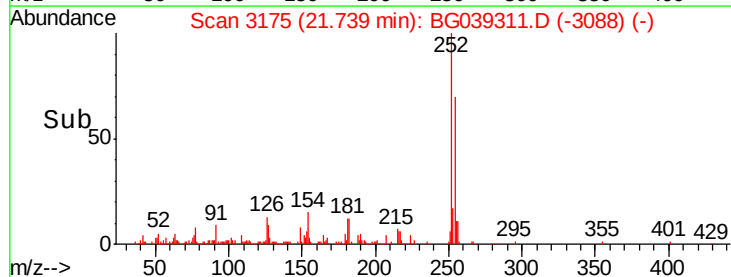
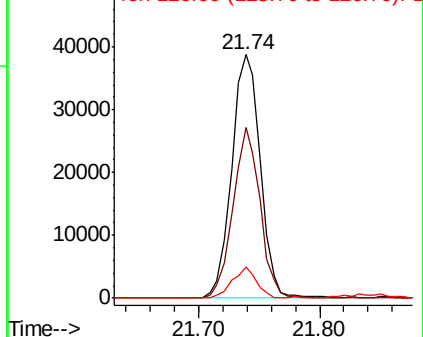


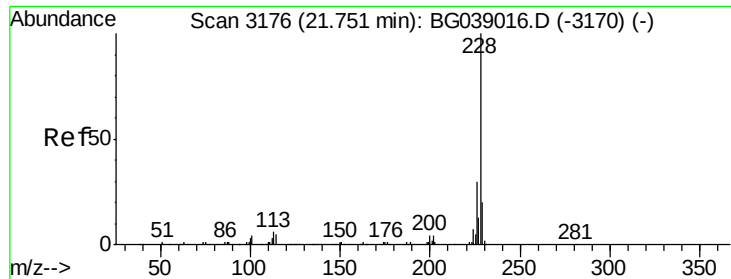
Abundance

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: 9.820 ng

RT: 21.90 min Scan# 3202

Delta R.T. -0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

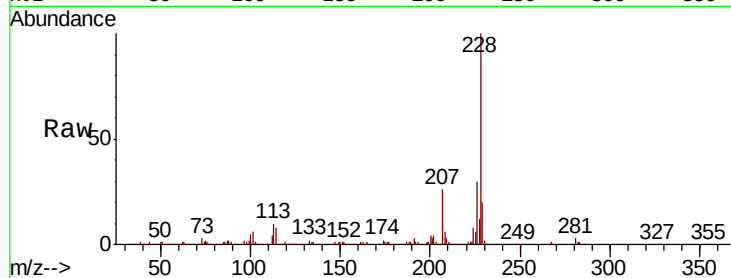
Tot Ion:228 Resp: 163724

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

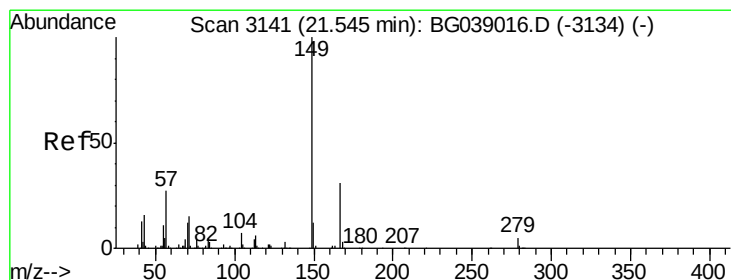
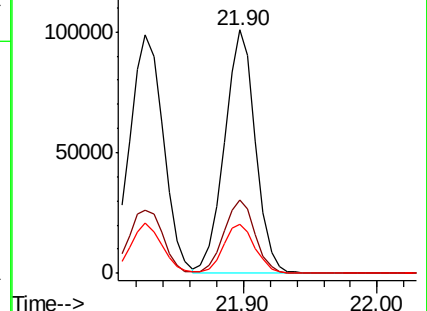
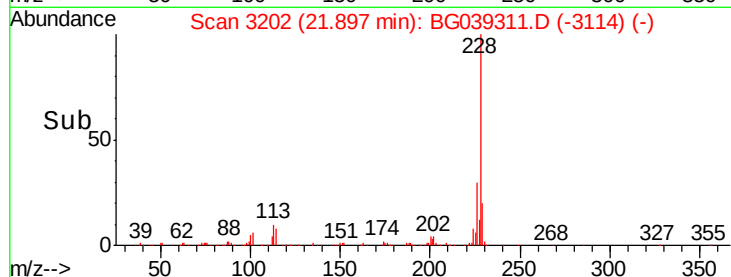
229 20.0 16.0 24.0



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: 10.959 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.01 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

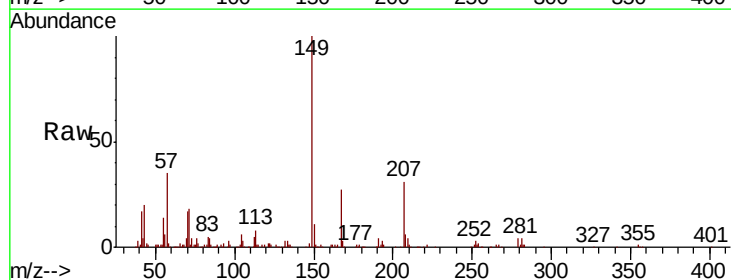
Tgt Ion:149 Resp: 106214

Ion Ratio Lower Upper

149 100

167 27.0 25.0 37.4

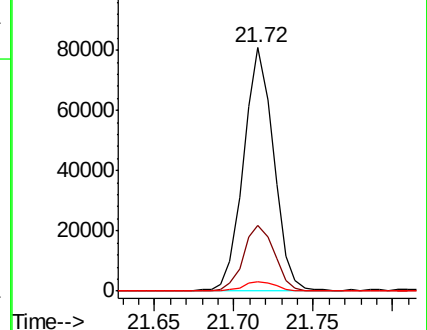
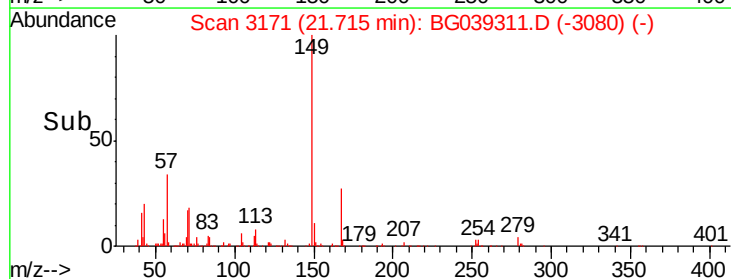
279 4.0 4.3 6.5#

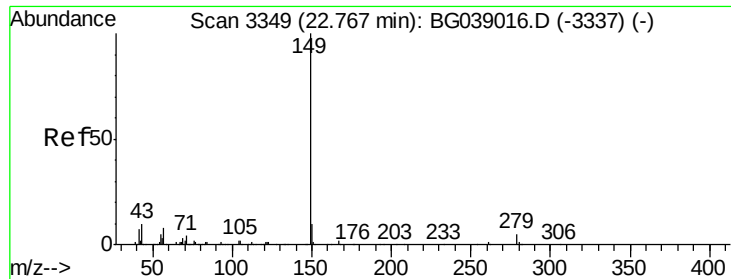


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 10.572 ng

RT: 22.99 min Scan# 3388

Delta R.T. 0.07 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

Instrument :

BNA_F

ClientSampleId :

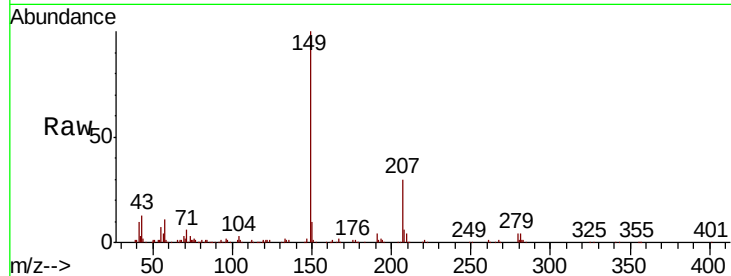
Tot Ion:149 Resp: 173259

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

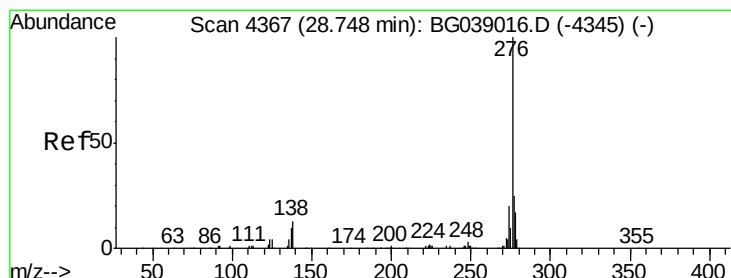
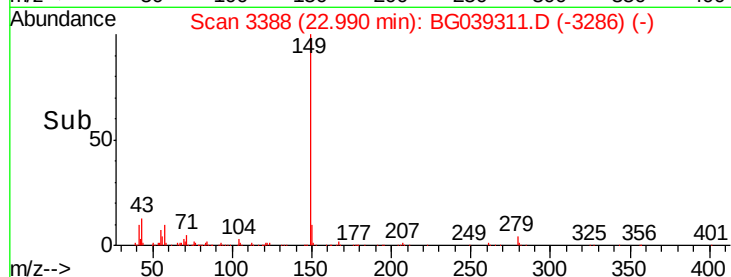
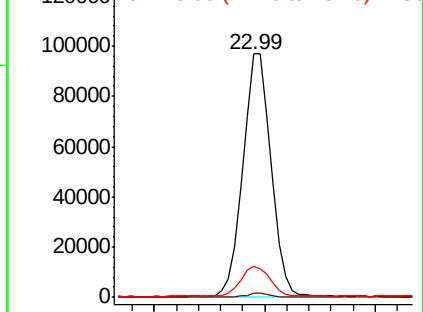
43 13.0 7.5 11.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.295 ng

RT: 29.14 min Scan# 4435

Delta R.T. 0.27 min

Lab File: BG039311.D

Acq: 29 Jan 2019 10:15

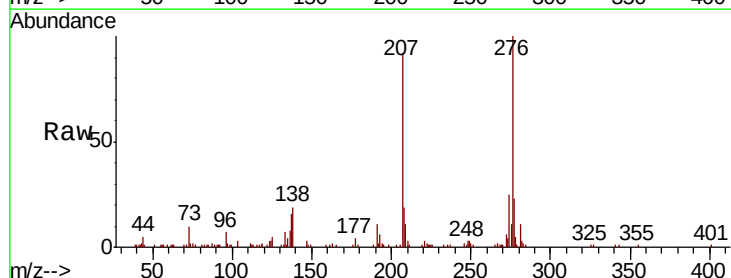
Tgt Ion:276 Resp: 165253

Ion Ratio Lower Upper

276 100

138 14.7 8.0 12.0#

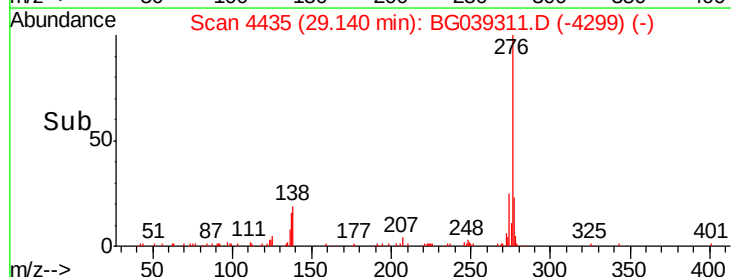
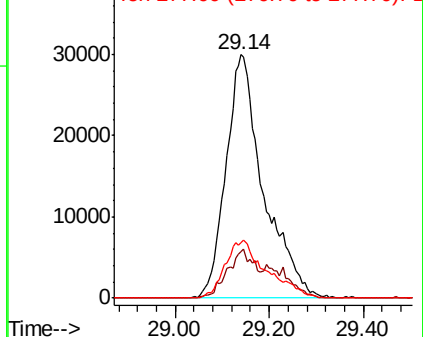
277 26.3 20.3 30.5

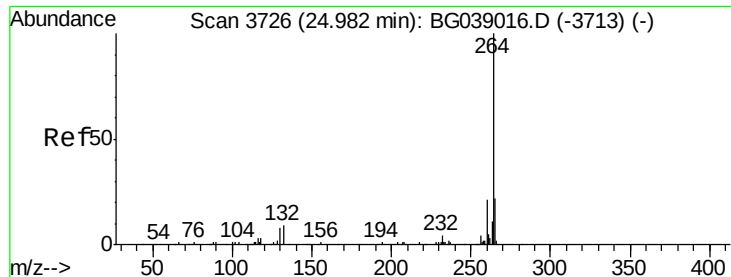


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

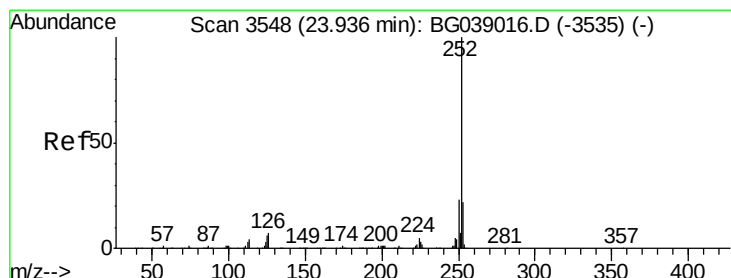
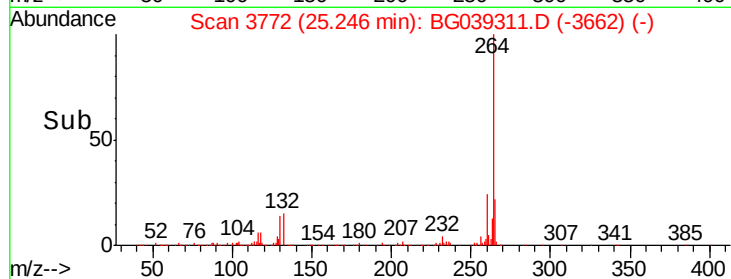
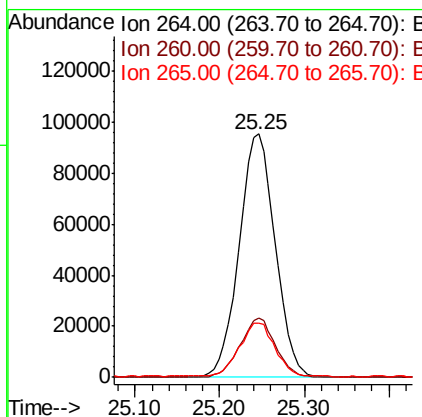
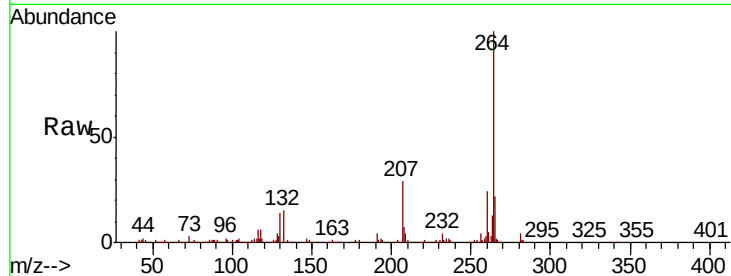




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.25 min Scan# 3772
Delta R.T. 0.12 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

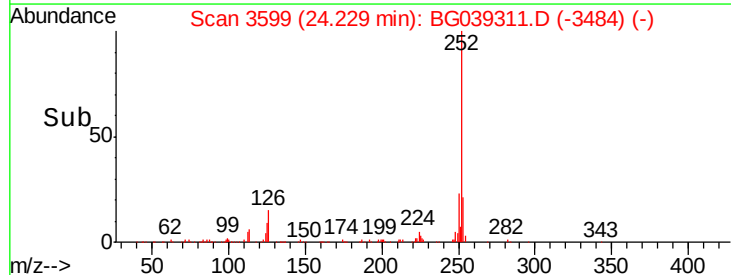
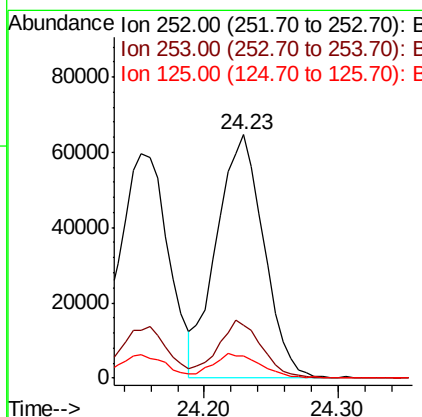
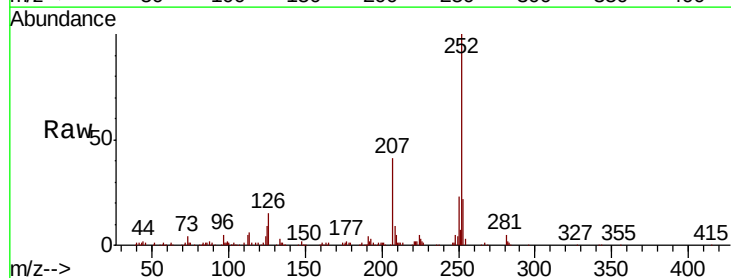
Instrument :
BNA_F
ClientSampleId :

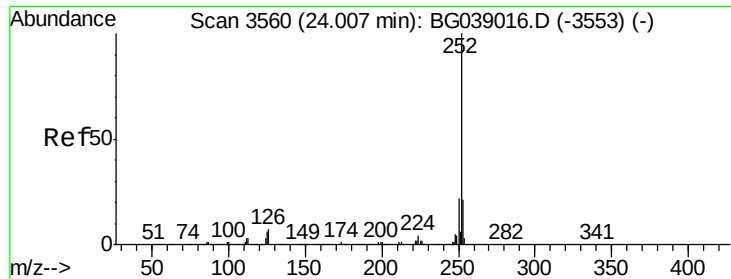
Tot Ion:264 Resp: 282418
Ion Ratio Lower Upper
264 100
260 24.3 17.0 25.6
265 22.4 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 10.201 ng
RT: 24.23 min Scan# 3599
Delta R.T. 0.15 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:252 Resp: 158854
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 8.9 4.9 7.3#

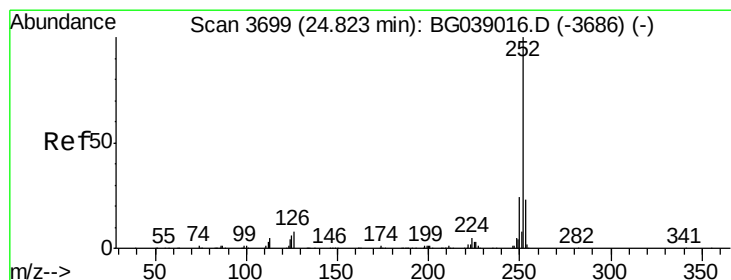
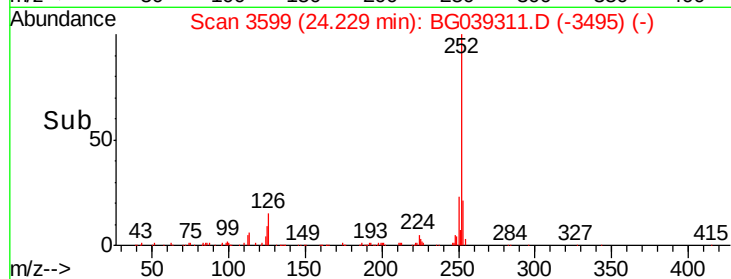
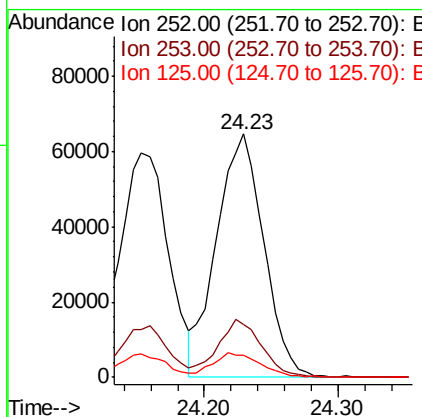
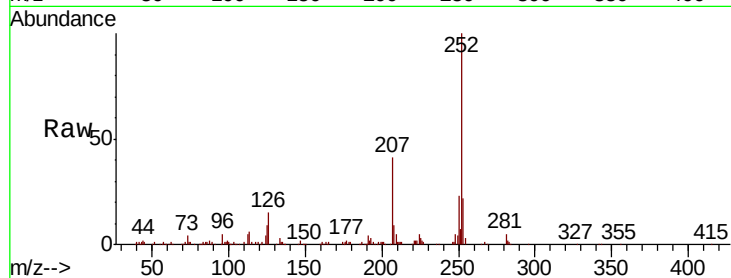




#89
Benzo(k)fluoranthene
Concen: 10.317 ng
RT: 24.23 min Scan# 3599
Delta R.T. 0.08 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

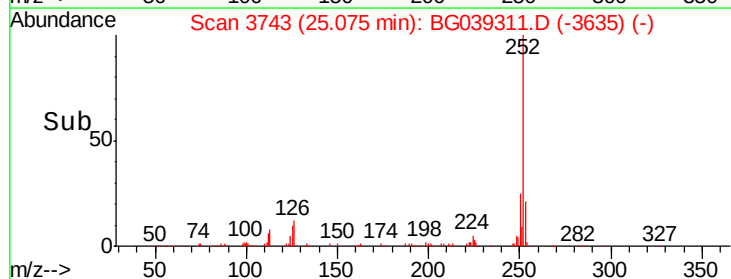
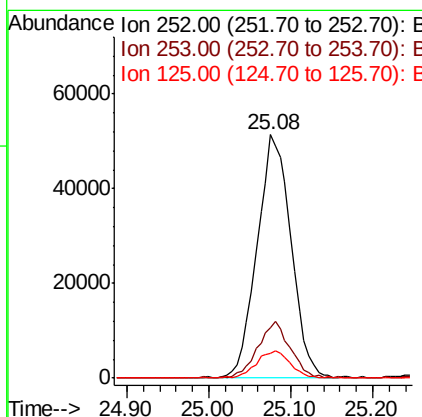
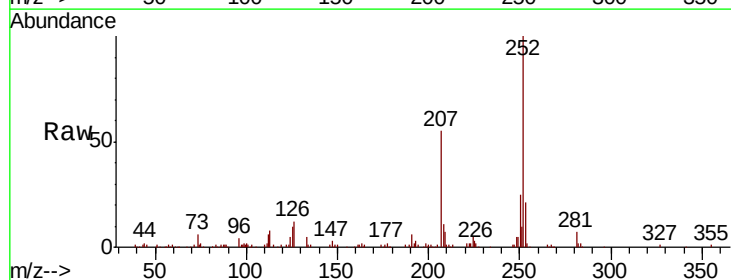
Instrument :
BNA_F
ClientSampleId :

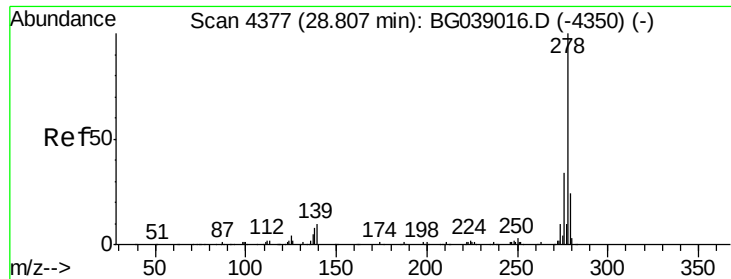
Tot Ion:252 Resp: 158854
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 8.9 4.6 7.0#



#90
Benzo(a)pyrene
Concen: 9.864 ng
RT: 25.08 min Scan# 3743
Delta R.T. 0.11 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion:252 Resp: 148475
Ion Ratio Lower Upper
252 100
253 20.7 18.3 27.5
125 10.0 4.9 7.3#

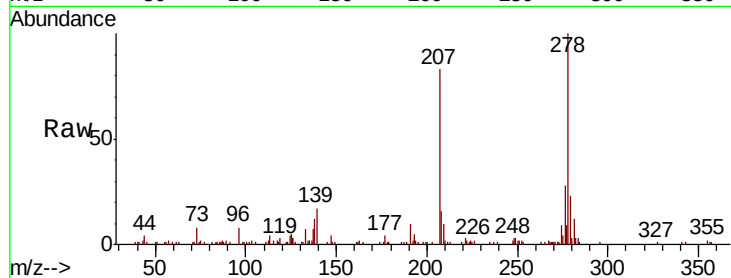




#91
Dibenzo(a,h)anthracene
Concen: 9.308 ng
RT: 29.22 min Scan# 4448
Delta R.T. 0.29 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	7.9	11.9#
279	23.1	19.3	28.9

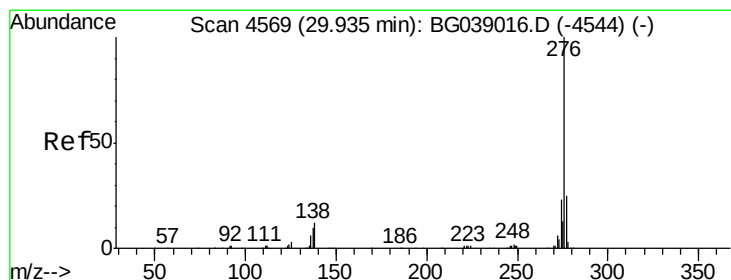
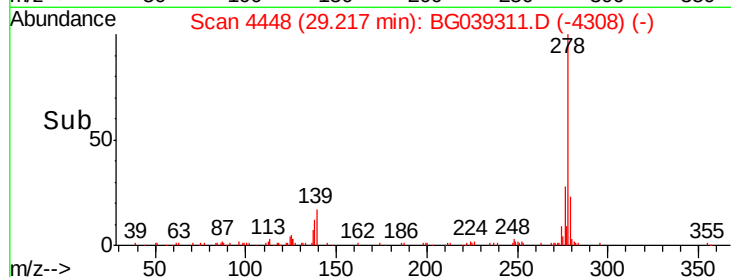
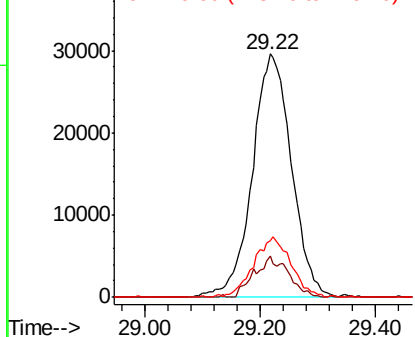


Abundance

Ion 278.00 (277.70 to 278.70): E

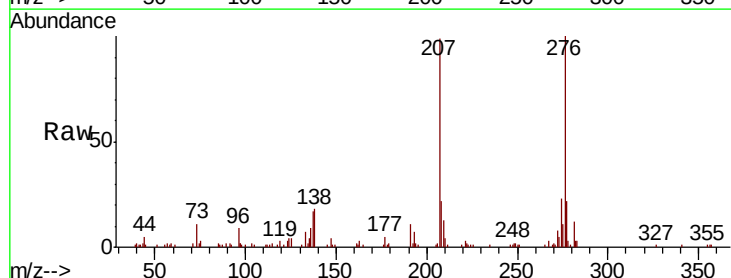
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.087 ng
RT: 30.37 min Scan# 4644
Delta R.T. 0.32 min
Lab File: BG039311.D
Acq: 29 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.9	20.3	30.5
138	18.5	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

