

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
 Data File : BG039249.D
 Acq On : 22 Jan 2019 12:21
 Operator : JU/SJ
 Sample : PB116524BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 12:59:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	13607	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	65915	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	41482	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	115097	20.00	ng	0.00
76) Chrysene-d12	21.67	240	112295	20.00	ng	-0.02
87) Perylene-d12	24.92	264	117046	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	88721	123.69	ng	0.00
7) Phenol-d6	7.17	99	128145	124.14	ng	0.00
23) Nitrobenzene-d5	9.18	82	71943	59.72	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	70835	101.87	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	215849	71.21	ng	0.00
79) Terphenyl-d14	20.00	244	409742	67.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	7511	26.740	ng	96
3) Pyridine	3.84	79	22059	28.901	ng	98
4) n-Nitrosodimethylamine	3.76	42	13362	38.904	ng	85
6) Aniline	7.33	93	23057	18.598	ng	98
8) 2-Chlorophenol	7.57	128	30772	36.393	ng	91
9) Benzaldehyde	7.15	77	12259	20.592	ng	92
10) Phenol	7.19	94	41229	39.837	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	25487	32.221	ng	96
12) 1,3-Dichlorobenzene	7.89	146	31710	31.301	ng	95
13) 1,4-Dichlorobenzene	8.04	146	32231	31.414	ng	97
14) 1,2-Dichlorobenzene	8.36	146	31898	32.607	ng	93
15) Benzyl Alcohol	8.25	79	28195	36.269	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	49987	32.957	ng	99
17) 2-Methylphenol	8.45	107	27375	38.093	ng	98
18) Hexachloroethane	9.08	117	12035	34.527	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	21237	31.329	ng	# 98
20) 3+4-Methylphenols	8.78	107	37712	36.807	ng	99
22) Acetophenone	8.83	105	43643	25.354	ng	97
24) Nitrobenzene	9.23	77	33273	27.327	ng	98
25) Isophorone	9.73	82	71554	34.484	ng	97
26) 2-Nitrophenol	9.94	139	20005	30.376	ng	99
27) 2,4-Dimethylphenol	9.99	122	42667	46.050	ng	93
28) bis(2-Chloroethoxy)methane	10.22	93	42500	34.080	ng	99
29) 2,4-Dichlorophenol	10.47	162	41670	36.201	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	40406	29.215	ng	94
31) Naphthalene	10.87	128	106421	32.191	ng	99
32) Benzoic acid	10.15	122	10907	24.820	ng	96
33) 4-Chloroaniline	11.00	127	22654	15.314	ng	99
34) Hexachlorobutadiene	11.13	225	27370	28.761	ng	96
35) Caprolactam	11.77	113	8517	18.452	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	49094	39.877	ng	93
37) 2-Methylnaphthalene	12.48	142	85703	34.577	ng	100
38) 1-Methylnaphthalene	12.48	142	85703	36.024	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	53135	34.107	ng	99

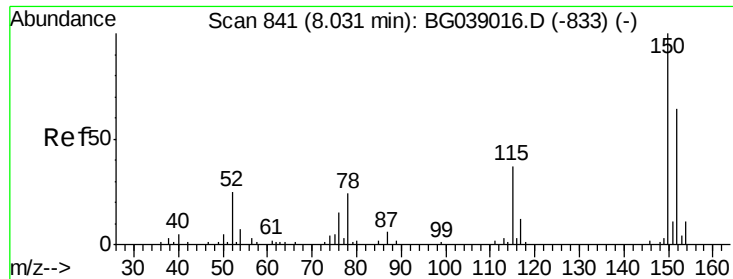
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
 Data File : BG039249.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	57496	66.566	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	36769	37.500	nq	99
44) 2,4,5-Trichlorophenol	13.16	196	39315	37.938	nq	97
46) 1,1'-Biphenyl	13.48	154	102500	31.184	nq	98
47) 2-Chloronaphthalene	13.53	162	82881	31.160	nq	99
48) 2-Nitroaniline	13.75	65	24815	33.301	nq	97
49) Acenaphthylene	14.37	152	137004	34.268	nq	98
50) Dimethylphthalate	14.10	163	114689	32.718	nq	99
51) 2,6-Dinitrotoluene	14.23	165	26367	33.643	nq	98
52) Acenaphthene	14.71	154	77229	32.151	nq	94
53) 3-Nitroaniline	14.57	138	16002	20.127	nq	# 86
54) 2,4-Dinitrophenol	14.78	184	23552	52.266	nq	98
55) Dibenzofuran	15.04	168	140880	33.208	nq	98
56) 4-Nitrophenol	14.88	139	37454	65.474	nq	99
57) 2,4-Dinitrotoluene	15.02	165	36677	32.620	nq	97
58) Fluorene	15.69	166	112316	35.172	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	37063	37.888	nq	97
60) Diethylphthalate	15.45	149	117301	32.478	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	64967	32.293	nq	99
62) 4-Nitroaniline	15.73	138	24614	29.719	nq	99
63) Azobenzene	15.97	77	91515	32.402	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	22853	26.801	nq	96
66) n-Nitrosodiphenylamine	15.90	169	99731	29.229	nq	94
67) 4-Bromophenyl-phenylether	16.58	248	43478	29.387	nq	96
68) Hexachlorobenzene	16.69	284	45887	28.423	nq	99
69) Atrazine	16.84	200	42229	29.134	nq	97
70) Pentachlorophenol	17.05	266	80559	80.707	nq	96
71) Phenanthrene	17.44	178	201380	33.102	nq	99
72) Anthracene	17.53	178	203130	33.770	nq	99
73) Carbazole	17.81	167	173731	29.257	nq	98
74) Di-n-butylphthalate	18.33	149	207891	31.471	nq	98
75) Fluoranthene	19.45	202	247913	32.872	nq	99
77) Benzidine	19.63	184	49717	14.475	nq	99
78) Pyrene	19.81	202	257388	35.966	nq	98
80) Butylbenzylphthalate	20.68	149	91540	33.632	nq	97
81) Benzo(a)anthracene	21.65	228	242316	35.447	nq	98
82) 3,3'-Dichlorobenzidine	21.57	252	52104	18.707	nq	95
83) Chrysene	21.71	228	223892	34.436	nq	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	130090	34.422	nq	96
85) Di-n-octyl phthalate	22.72	149	218950	34.262	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	297294	38.268	nq	# 95
88) Benzo(b)fluoranthene	23.88	252	252340	39.099	nq	100
89) Benzo(k)fluoranthene	23.95	252	235072	36.839	nq	99
90) Benzo(a)pyrene	24.77	252	232033	37.196	nq	99
91) Dibenzo(a,h)anthracene	28.72	278	249848	40.266	nq	97
92) Benzo(g,h,i)perylene	29.82	276	246103	40.063	nq	96

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

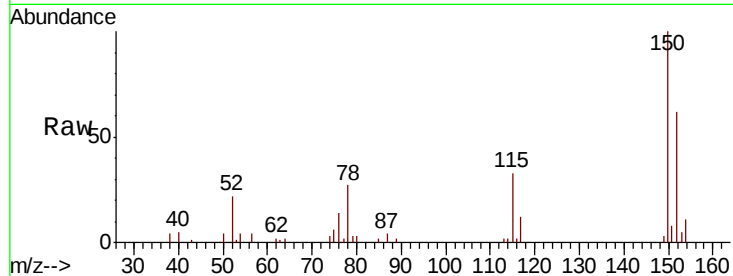


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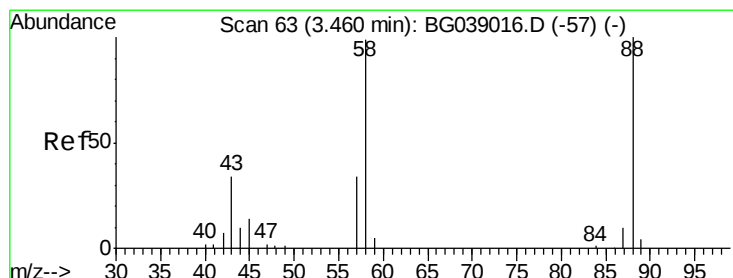
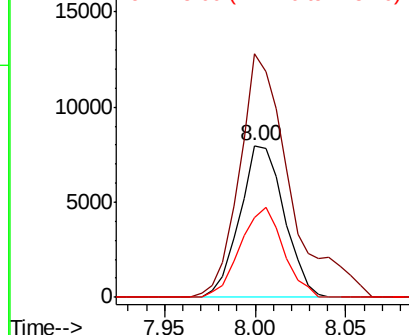
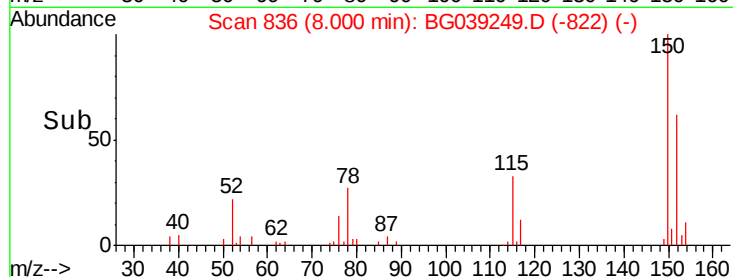
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 13607
Ion Ratio Lower Upper
152 100
150 160.4 124.7 187.1
115 52.8 46.5 69.7



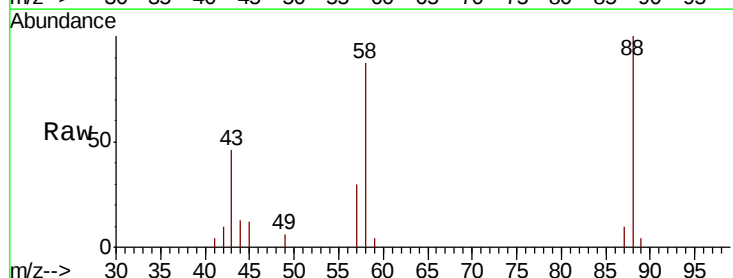
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



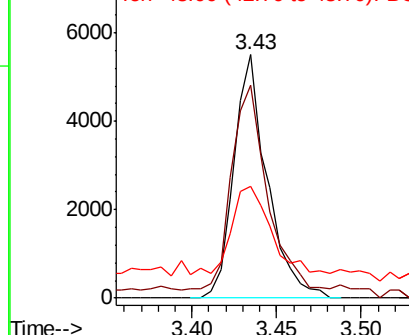
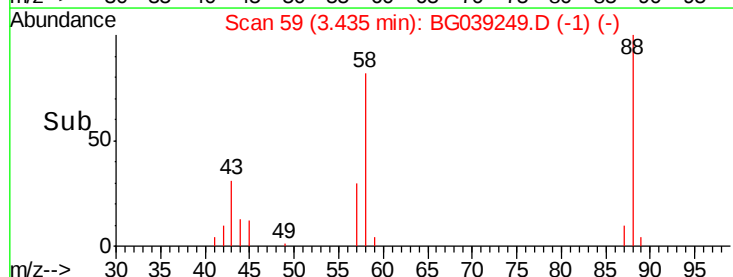
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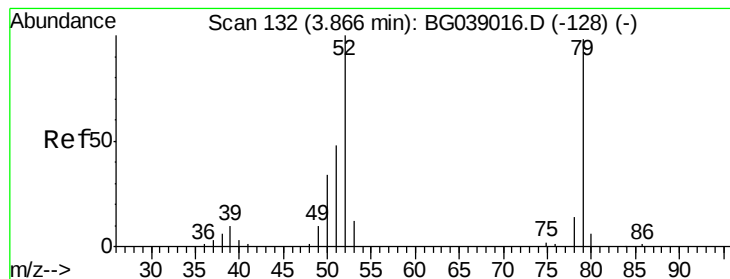
1,4-Dioxane
Concen: 26.740 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion: 88 Resp: 7511
Ion Ratio Lower Upper
88 100
58 90.0 72.4 108.6
43 41.4 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: 28.901 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

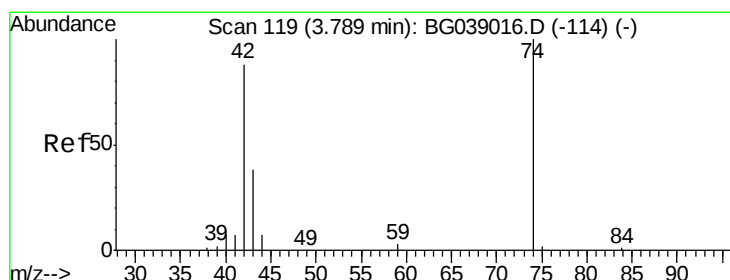
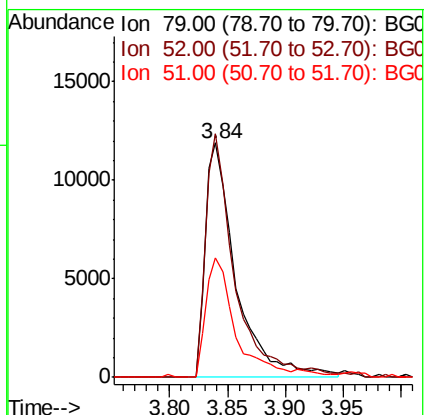
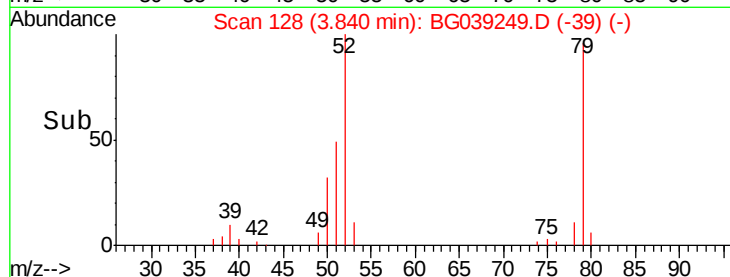
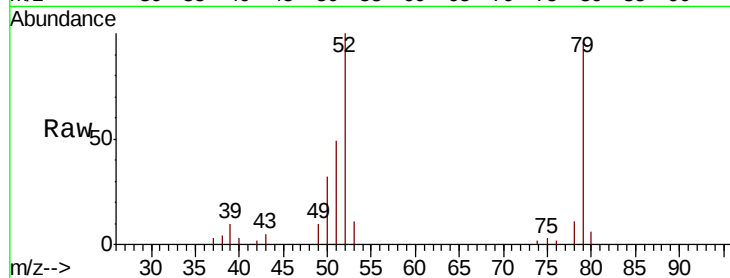
Tot Ion: 79 Resp: 22059

Ion Ratio Lower Upper

79 100

52 103.9 81.5 122.3

51 51.2 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 38.904 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

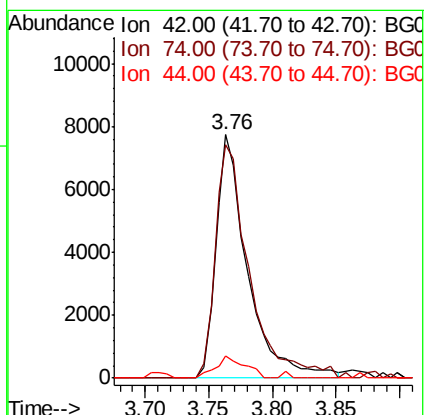
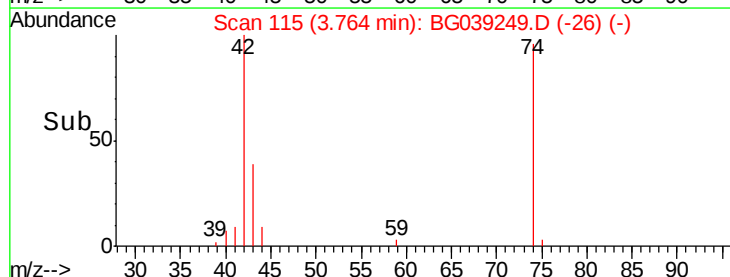
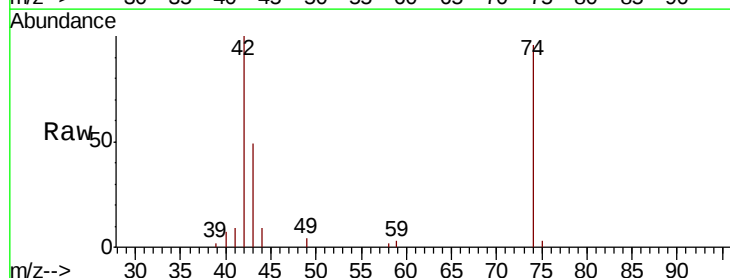
Tgt Ion: 42 Resp: 13362

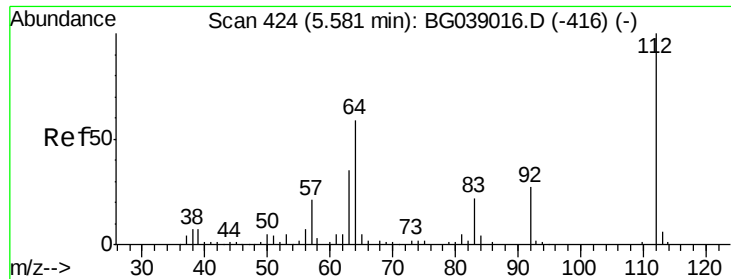
Ion Ratio Lower Upper

42 100

74 96.1 90.7 136.1

44 9.3 6.5 9.7





#5

2-Fluorophenol

Concen: 123.688 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

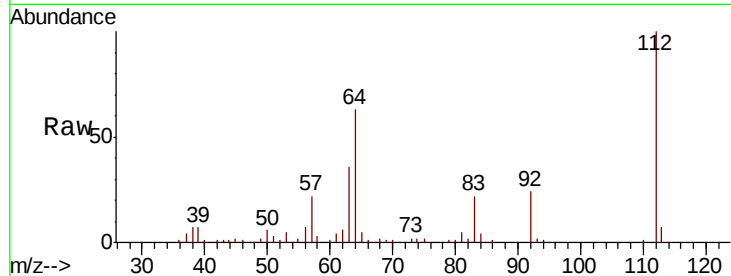
Tot Ion:112 Resp: 88721

Ion Ratio Lower Upper

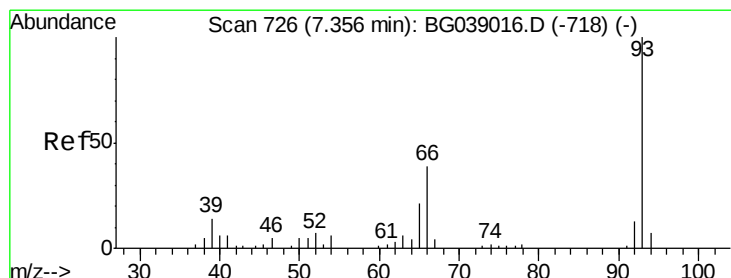
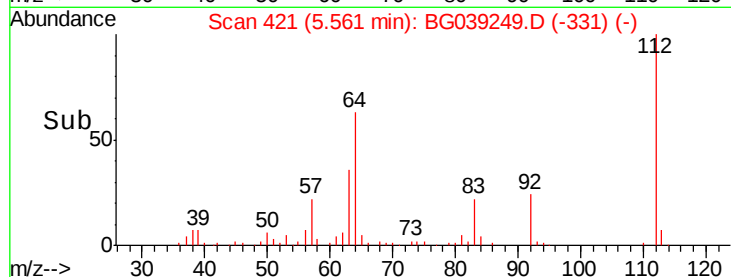
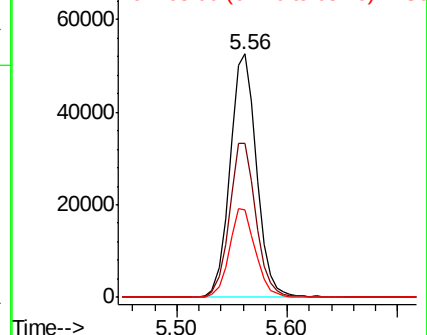
112 100

64 63.2 47.0 70.6

63 36.0 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: 18.598 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

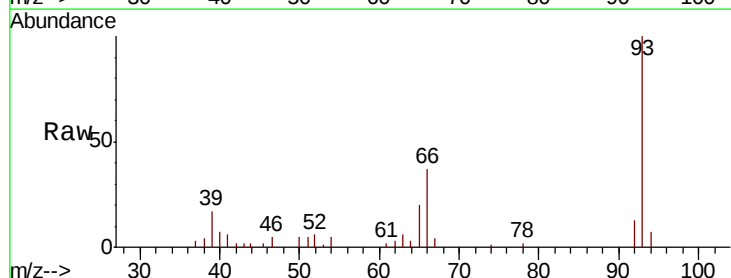
Tgt Ion: 93 Resp: 23057

Ion Ratio Lower Upper

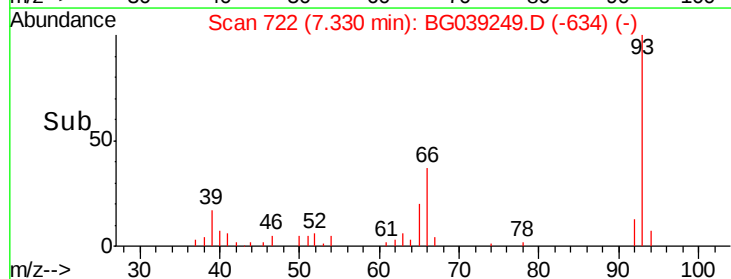
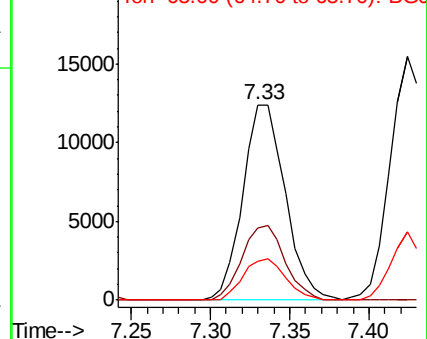
93 100

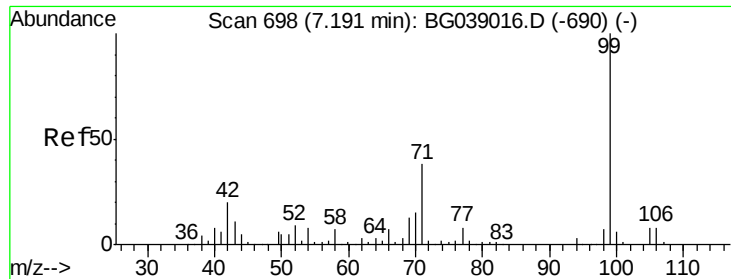
66 37.1 30.9 46.3

65 20.1 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: 124.137 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampled :

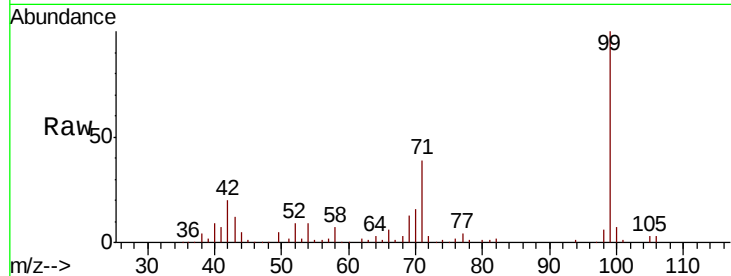
Tot Ion: 99 Resp: 128145

Ion Ratio Lower Upper

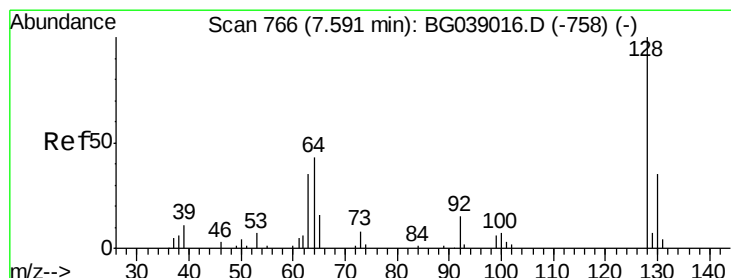
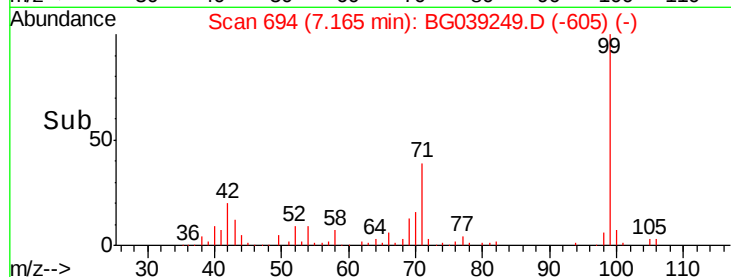
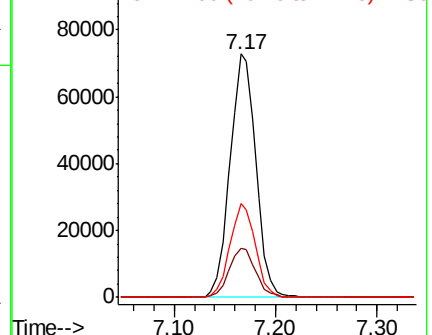
99 100

42 19.9 15.8 23.6

71 38.8 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: 36.393 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

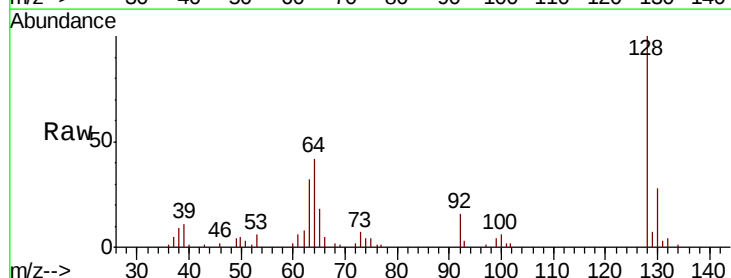
Tgt Ion: 128 Resp: 30772

Ion Ratio Lower Upper

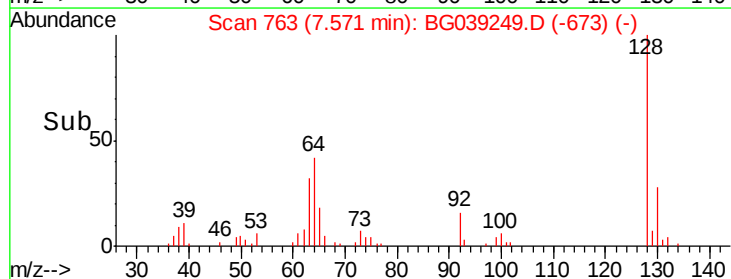
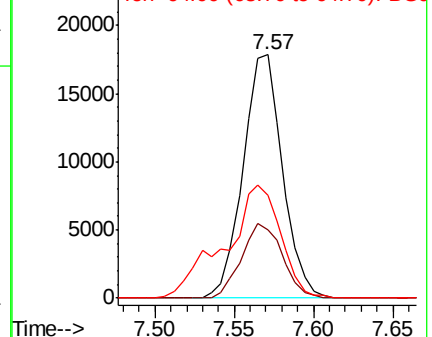
128 100

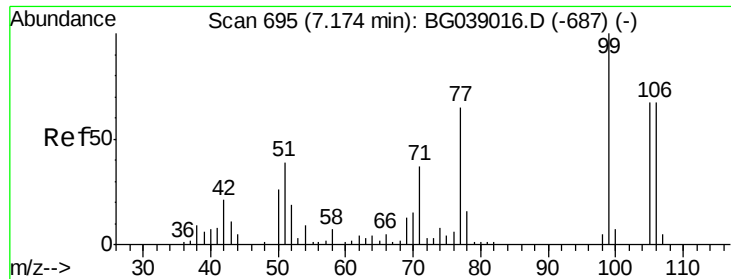
130 28.1 14.5 54.5

64 42.4 27.3 67.3



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

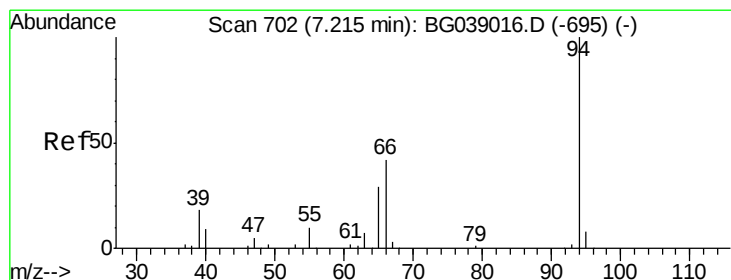
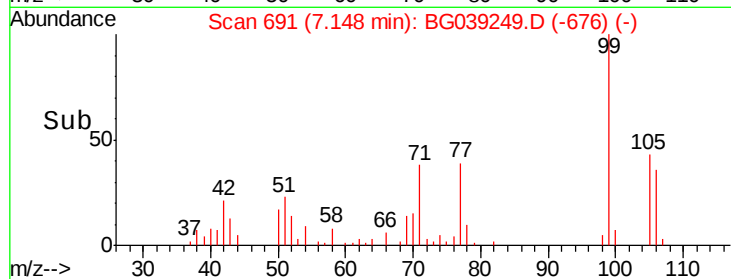
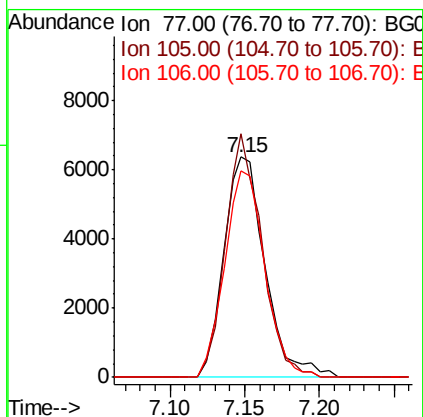
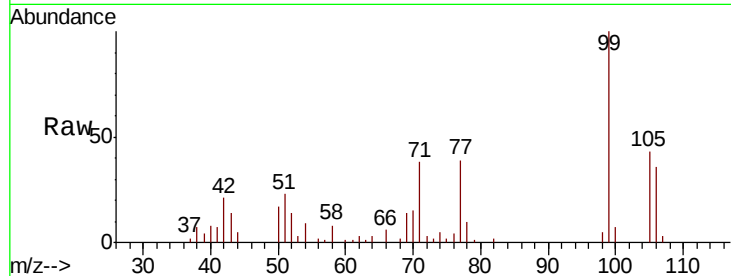




#9
Benzaldehyde
Concen: 20.592 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

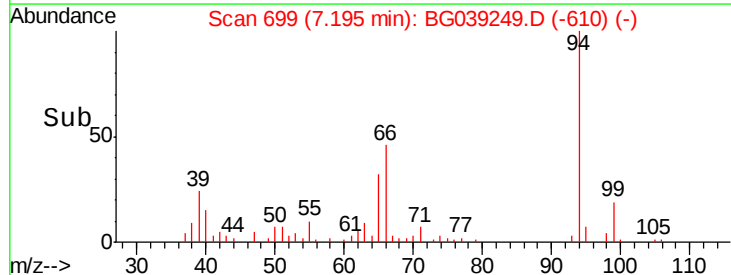
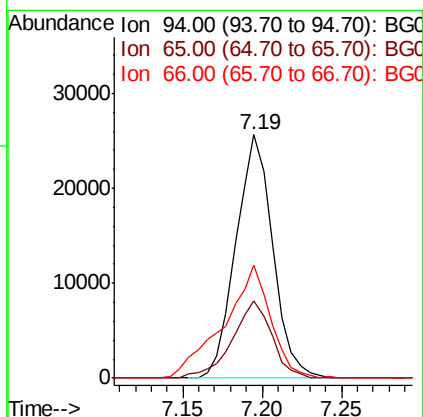
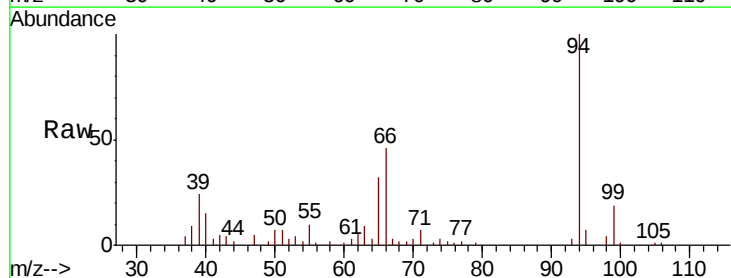
Instrument :
BNA_F
ClientSampleId :

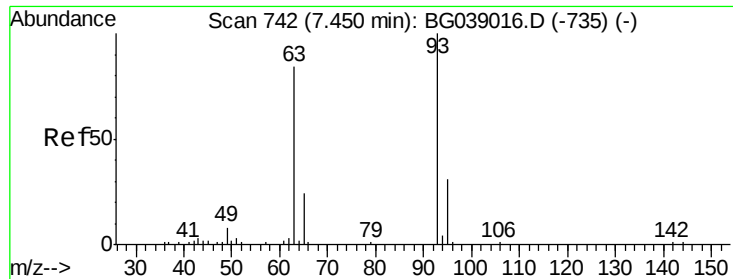
Tot Ion: 77 Resp: 12259
Ion Ratio Lower Upper
77 100
105 110.7 82.4 122.4
106 94.0 82.8 122.8



#10
Phenol
Concen: 39.837 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion: 94 Resp: 41229
Ion Ratio Lower Upper
94 100
65 31.6 10.3 50.3
66 46.3 25.1 65.1



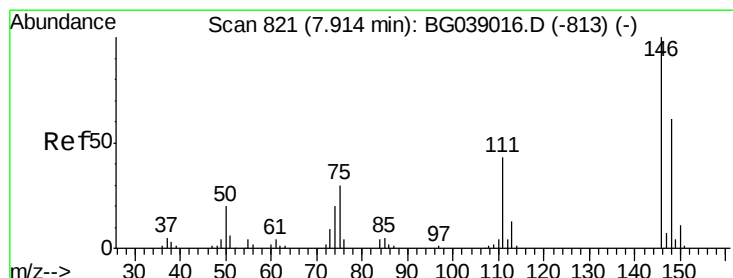
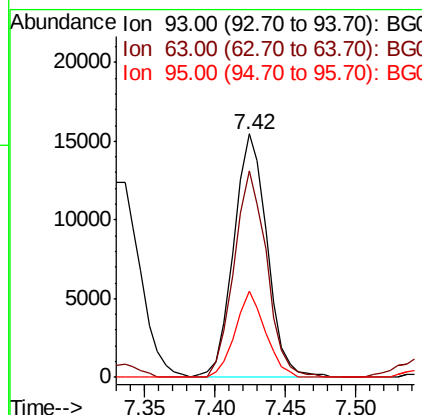
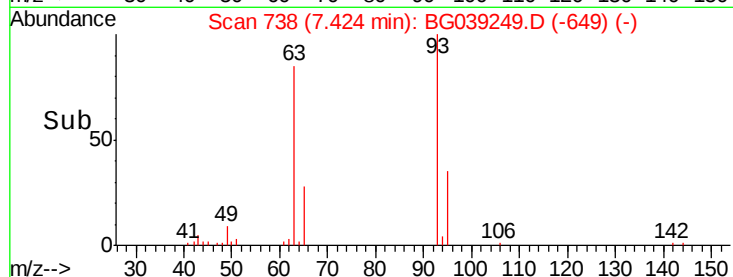
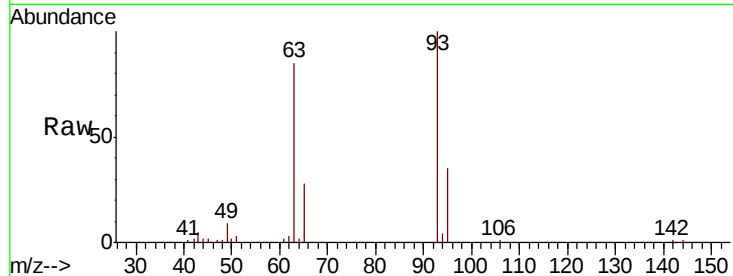


#11
 bis(2-Chloroethyl)ether
 Concen: 32.221 ng
 RT: 7.42 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 25487

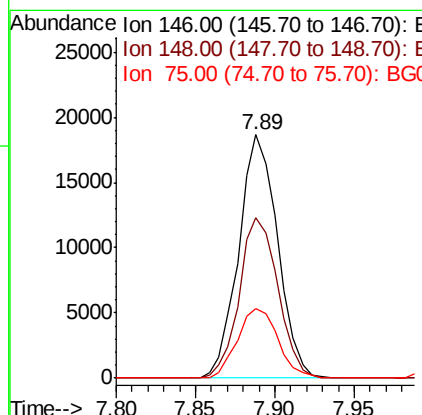
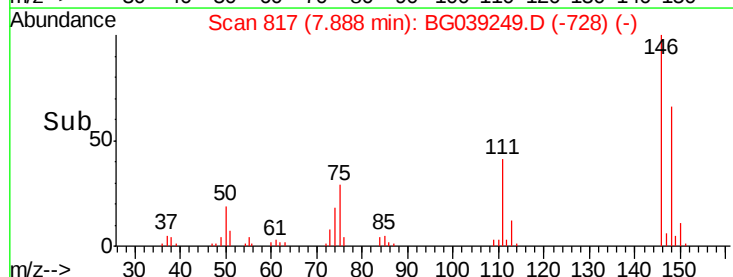
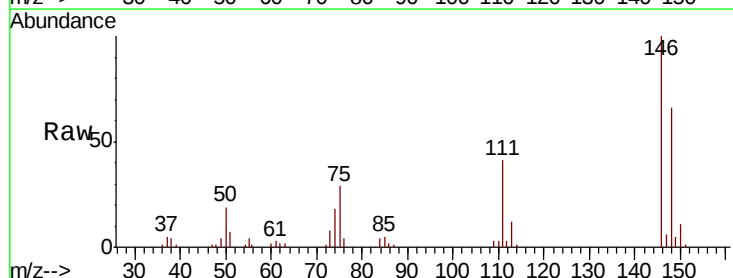
Ion	Ratio	Lower	Upper
93	100		
63	85.1	63.2	103.2
95	35.5	11.2	51.2

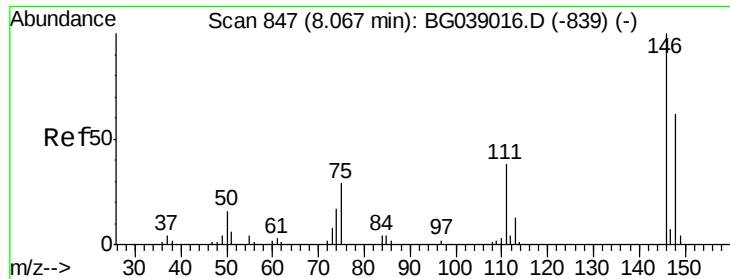


#12
 1,3-Dichlorobenzene
 Concen: 31.301 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion: 146 Resp: 31710

Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.1	73.7
75	28.5	23.9	35.9

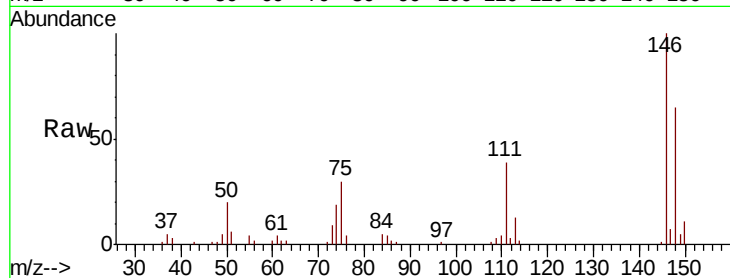




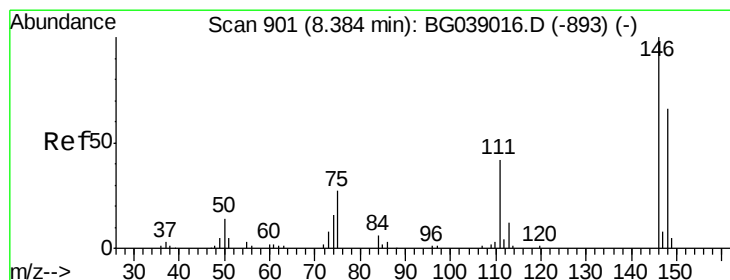
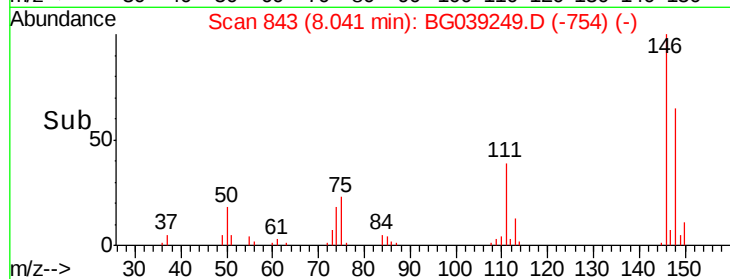
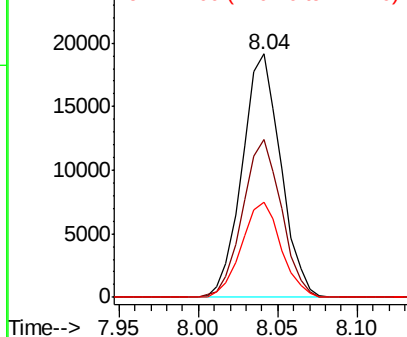
#13
 1,4-Dichlorobenzene
 Concen: 31.414 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 32231
 Ion Ratio Lower Upper
 146 100
 148 65.1 49.8 74.6
 111 39.2 30.6 45.8

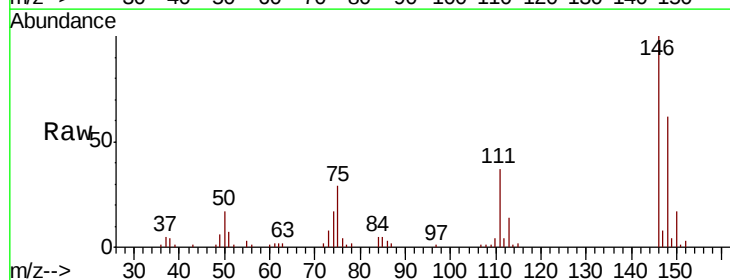


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

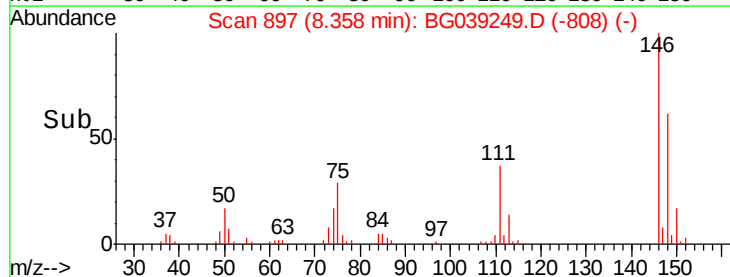
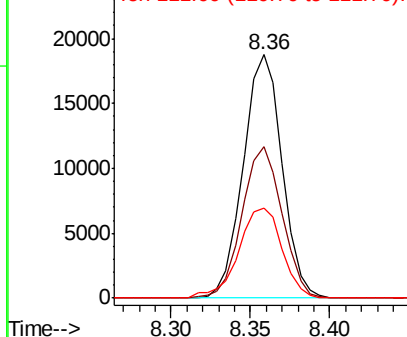


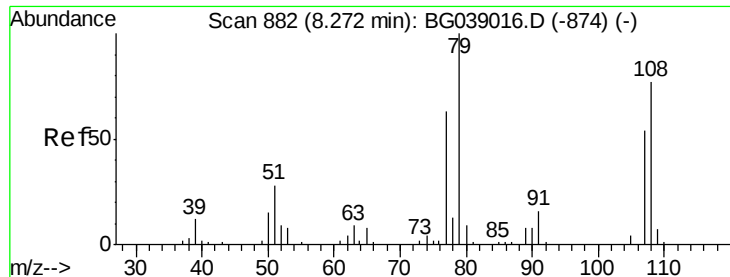
#14
 1,2-Dichlorobenzene
 Concen: 32.607 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:146 Resp: 31898
 Ion Ratio Lower Upper
 146 100
 148 62.2 52.6 79.0
 111 36.9 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 36.269 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

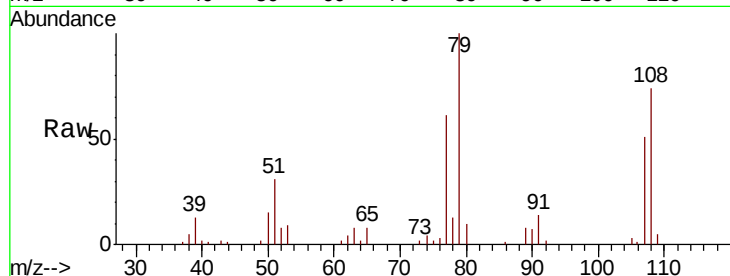
Tot Ion: 79 Resp: 28195

Ion Ratio Lower Upper

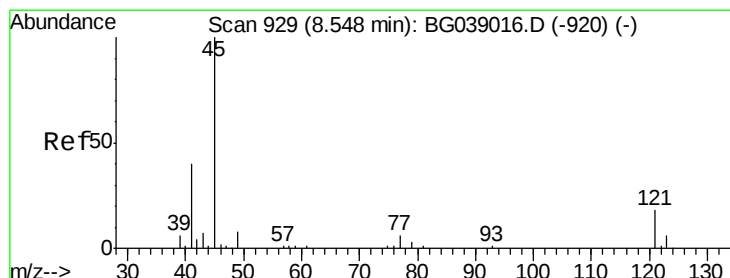
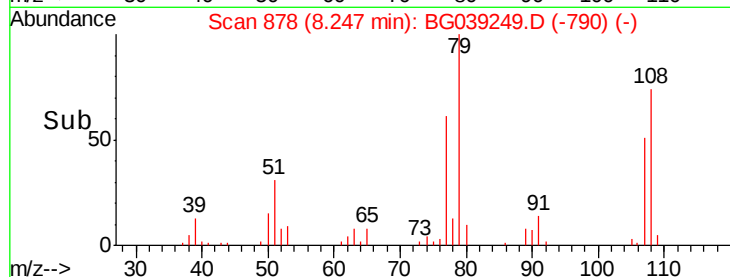
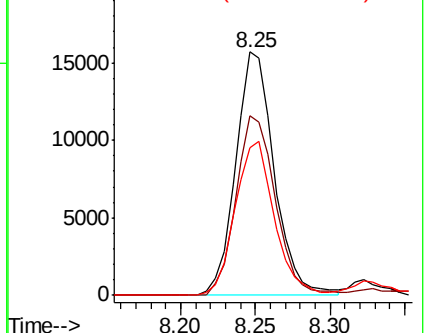
79 100

108 73.9 62.0 93.0

77 60.6 50.1 75.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.957 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

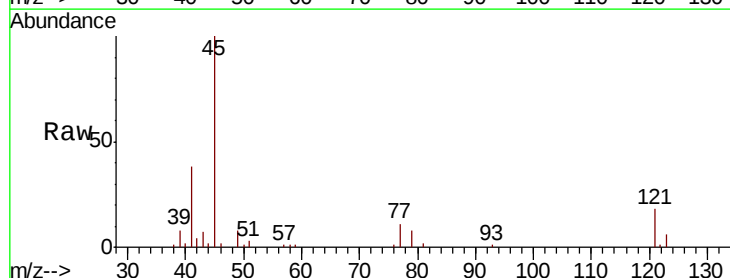
Tgt Ion: 45 Resp: 49987

Ion Ratio Lower Upper

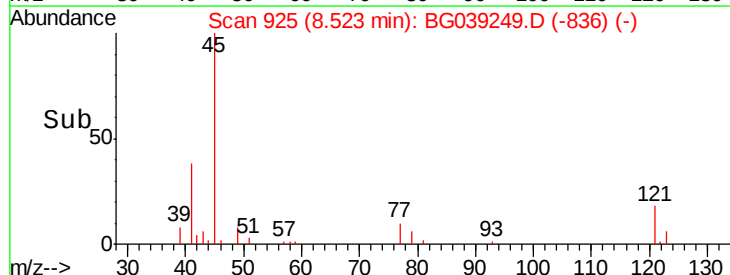
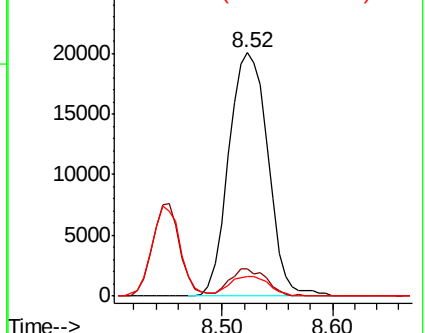
45 100

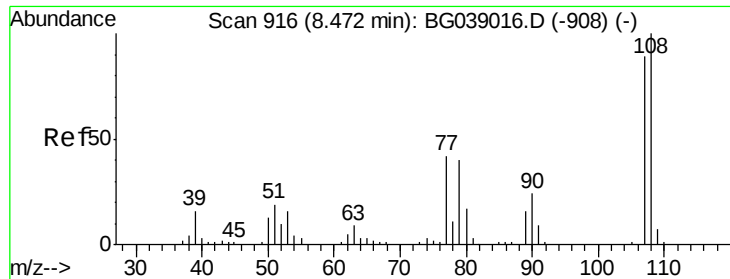
77 11.4 0.0 30.7

79 8.1 0.0 28.5



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

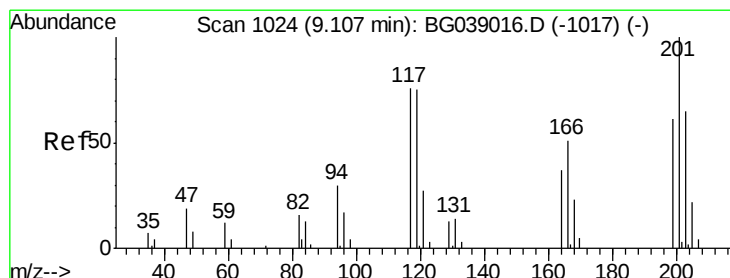
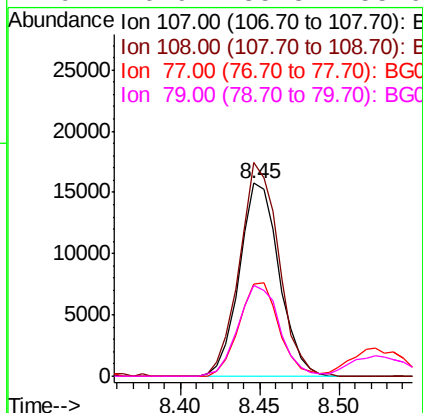
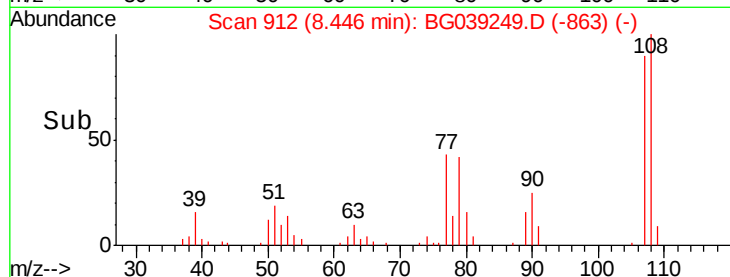
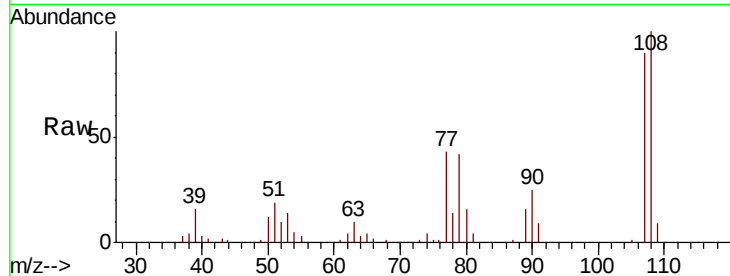




#17
2-Methylphenol
Concen: 38.093 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

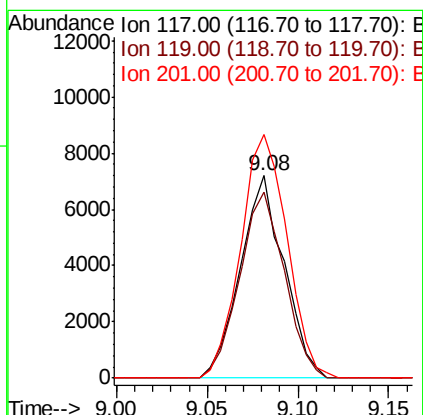
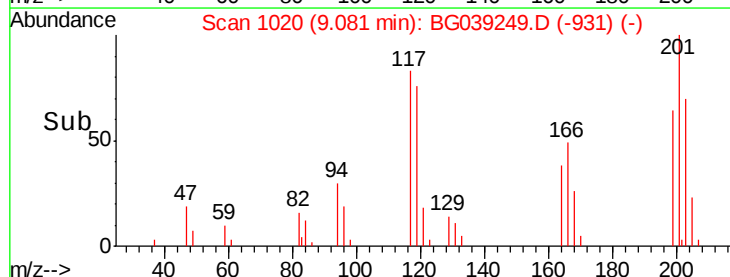
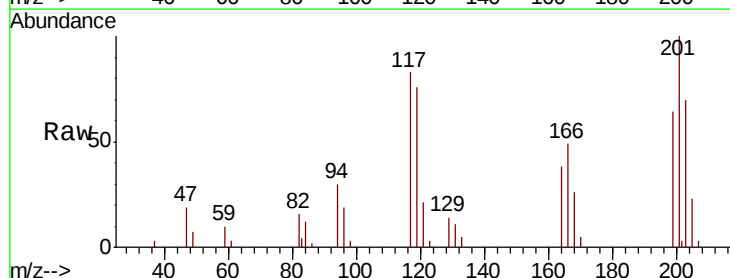
Instrument :
BNA_F
ClientSampled :

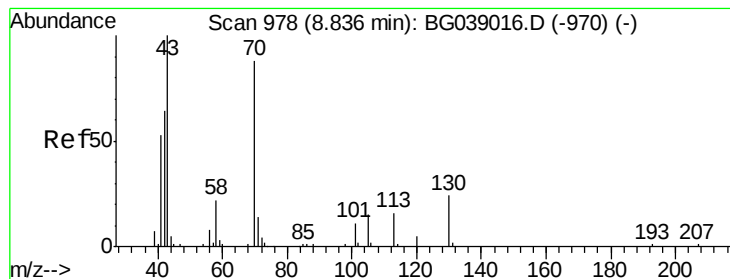
Tot Ion:107 Resp: 27375
Ion Ratio Lower Upper
107 100
108 110.7 90.3 135.5
77 47.8 38.3 57.5
79 46.9 35.8 53.6



#18
Hexachloroethane
Concen: 34.527 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion:117 Resp: 12035
Ion Ratio Lower Upper
117 100
119 91.6 78.7 118.1
201 124.4 108.1 162.1





#19

n-Nitroso-di-n-propylamine

Concen: 31.329 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.02 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

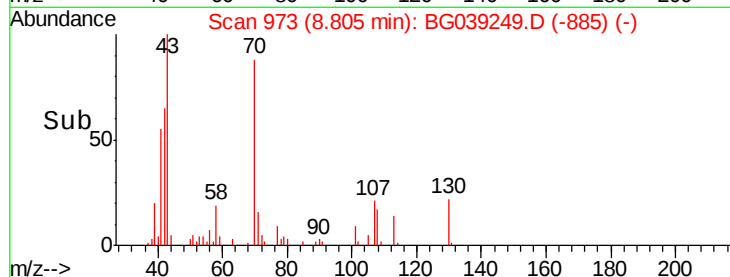
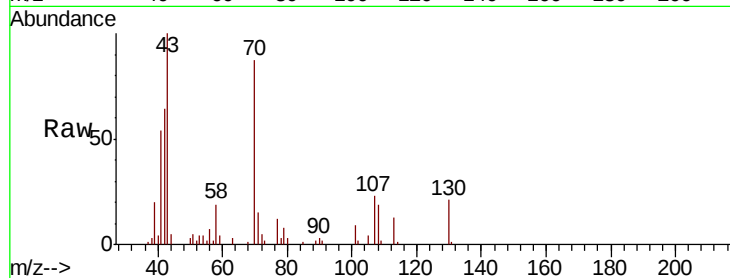
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 21237

Ion Ratio Lower Upper

70	100		
42	74.0	59.0	88.4
101	10.3	10.4	15.6#
130	24.4	21.6	32.4

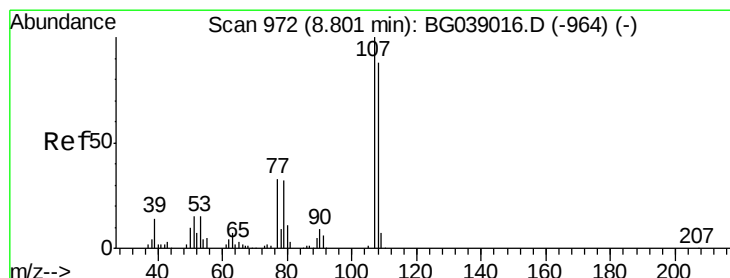
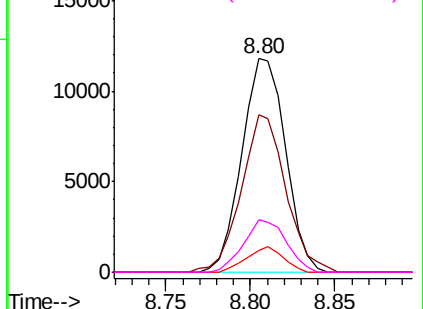


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 36.807 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

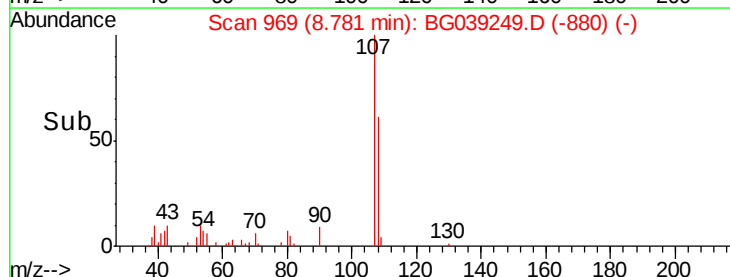
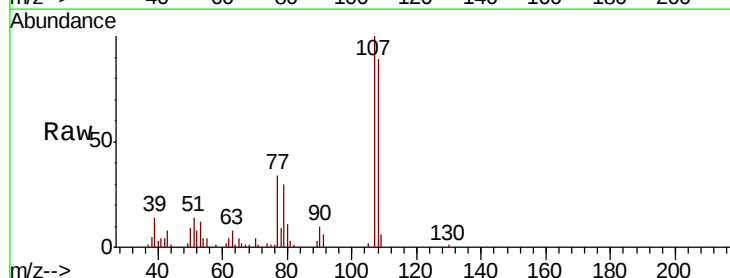
Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Tgt Ion: 107 Resp: 37712

Ion Ratio Lower Upper

107	100		
108	88.7	68.4	108.4
77	34.2	13.3	53.3
79	29.9	11.6	51.6

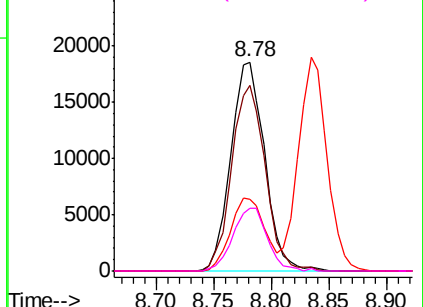


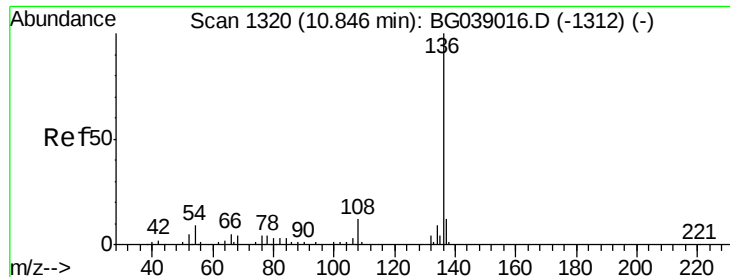
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

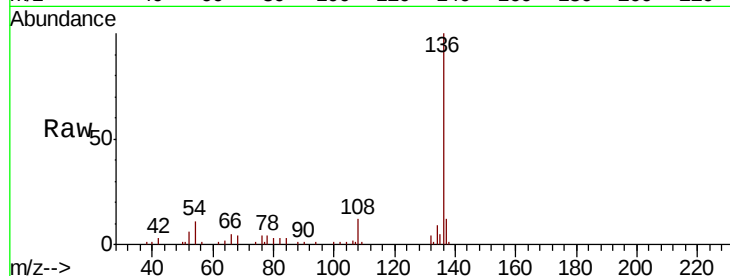




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	65915
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.4 14.2
54	10.7	7.2 10.8
68	3.6	3.5 5.3



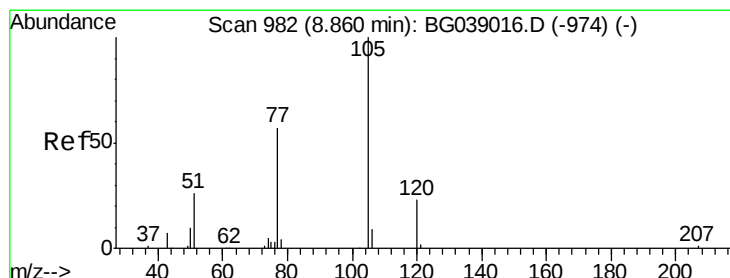
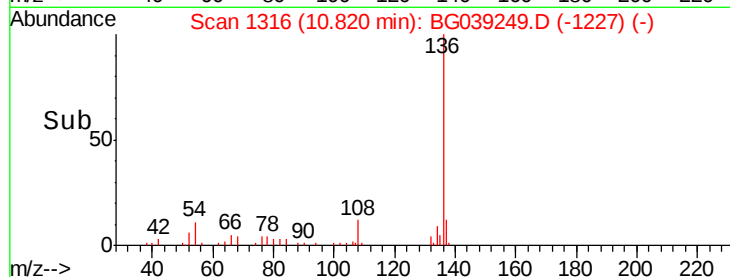
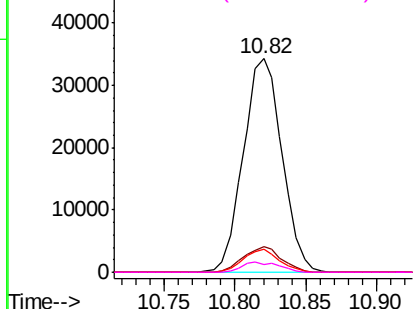
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

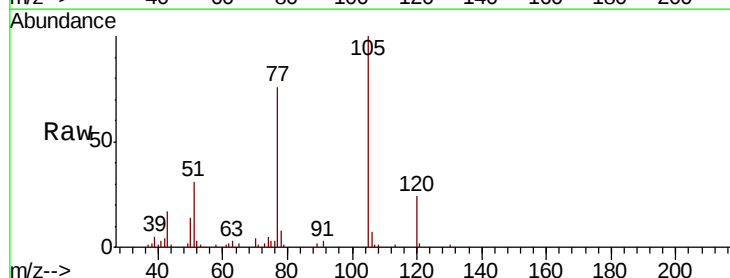
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 25.354 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion:105	Resp:	43643
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0
51	31.5	26.6 39.8
120	23.9	17.9 26.9



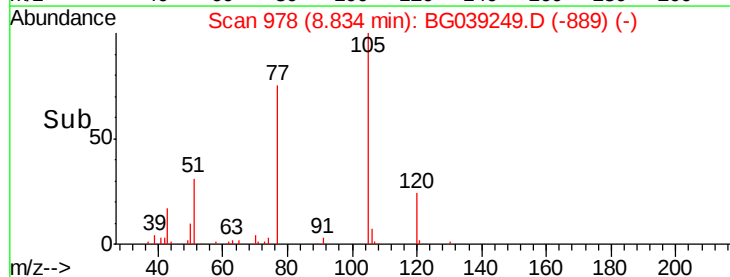
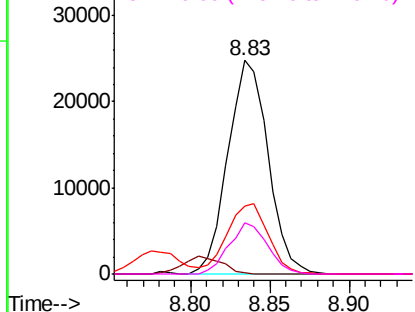
Abundance

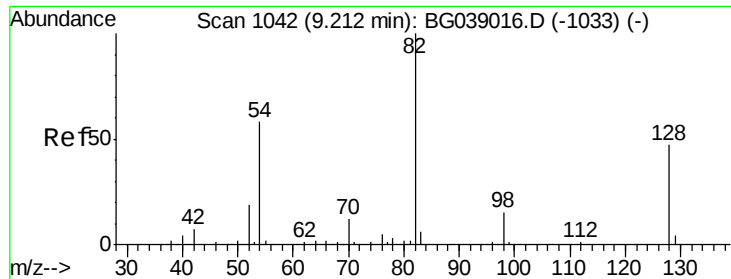
Ion 105.00 (104.70 to 105.70): E

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

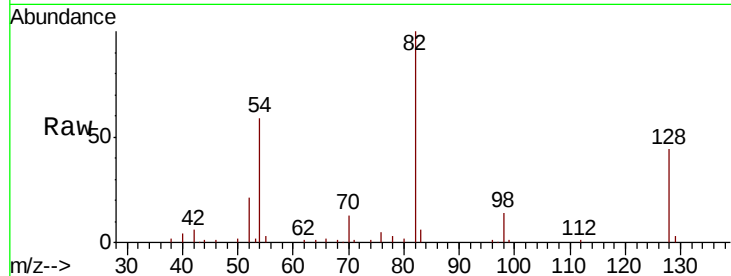




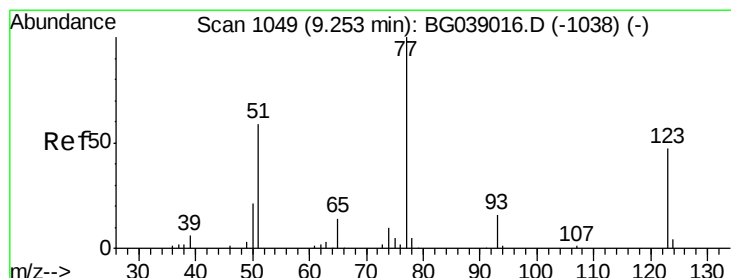
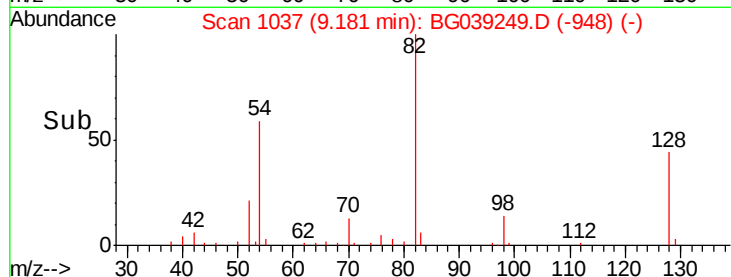
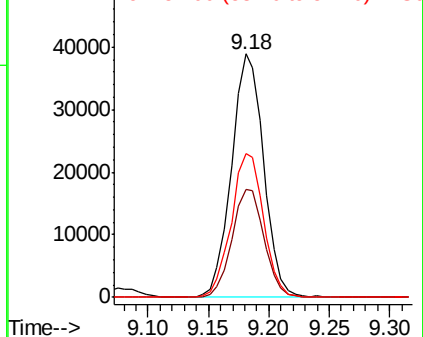
#23
Nitrobenzene-d5
Concen: 59.724 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 71943
Ion Ratio Lower Upper
82 100
128 44.4 37.3 55.9
54 59.3 46.4 69.6

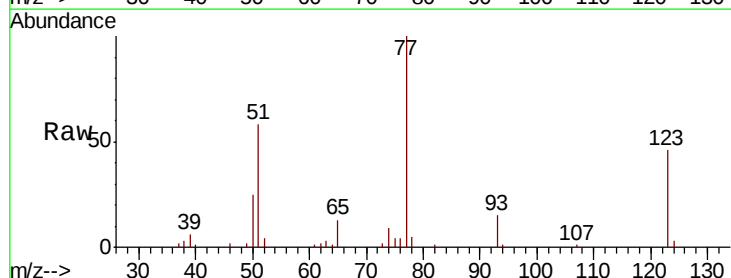


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

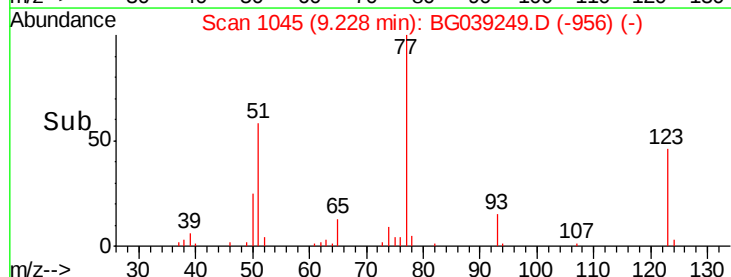
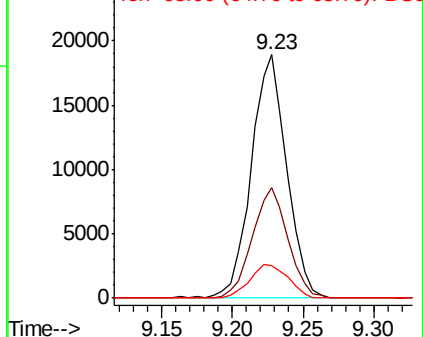


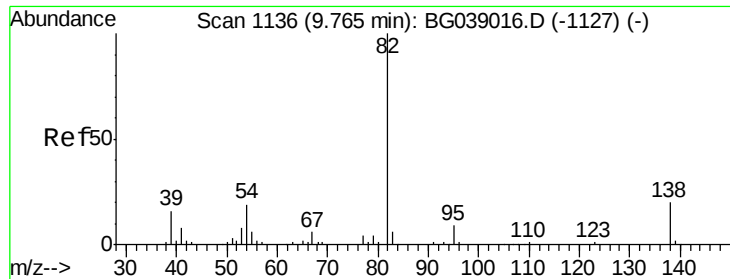
#24
Nitrobenzene
Concen: 27.327 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion: 77 Resp: 33273
Ion Ratio Lower Upper
77 100
123 45.6 37.6 56.4
65 13.3 11.0 16.6



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

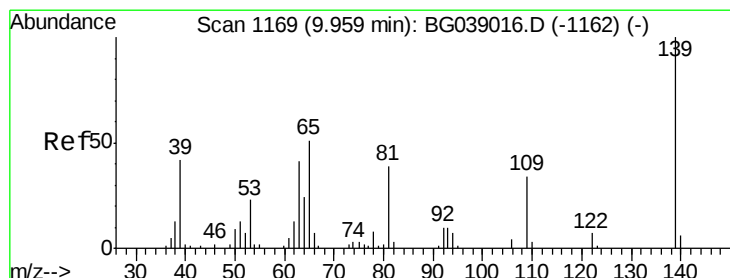
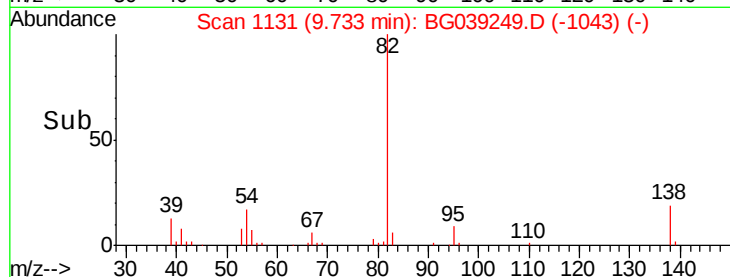
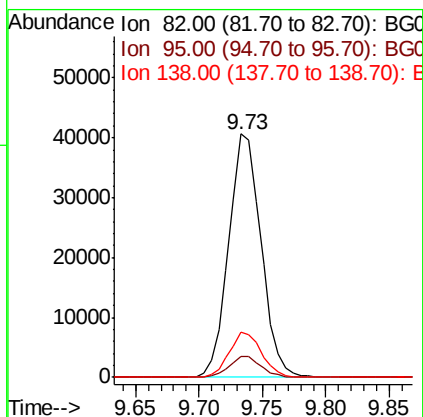
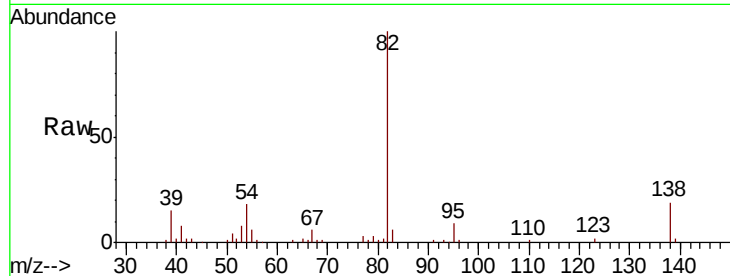




#25
Isophorone
Concen: 34.484 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

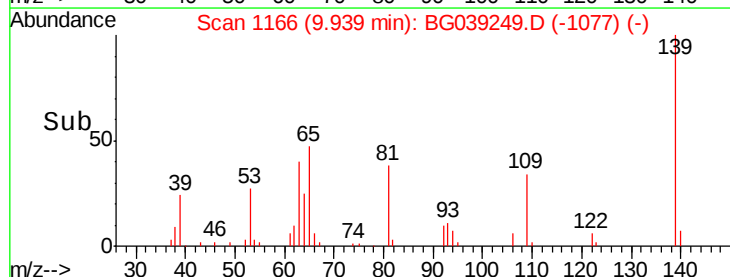
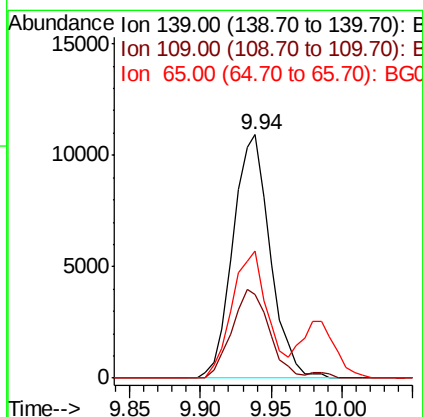
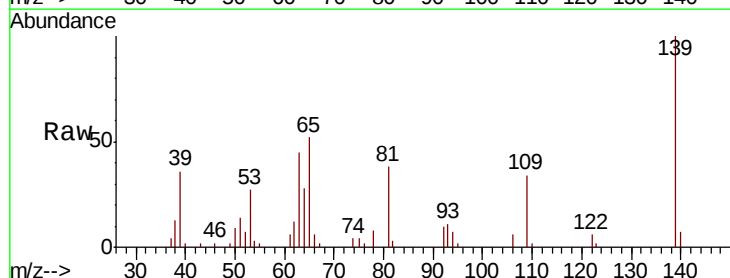
Instrument :
BNA_F
ClientSampled :

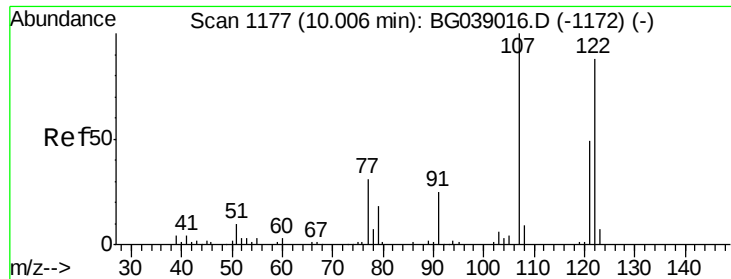
Tot Ion: 82 Resp: 71554
Ion Ratio Lower Upper
82 100
95 8.7 7.0 10.6
138 18.6 16.2 24.4



#26
2-Nitrophenol
Concen: 30.376 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion: 139 Resp: 20005
Ion Ratio Lower Upper
139 100
109 34.1 27.3 40.9
65 52.1 40.6 61.0

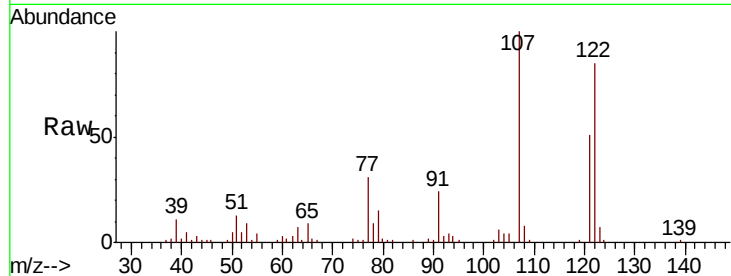




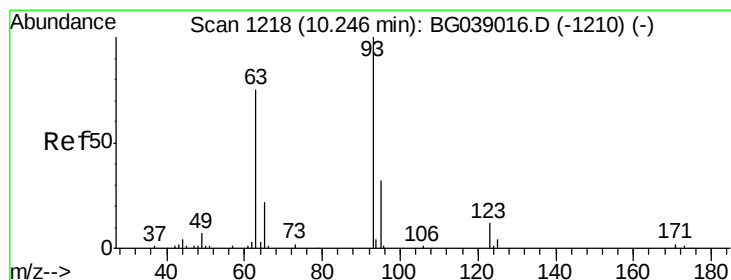
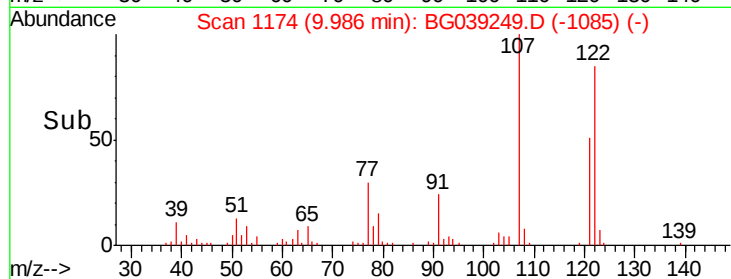
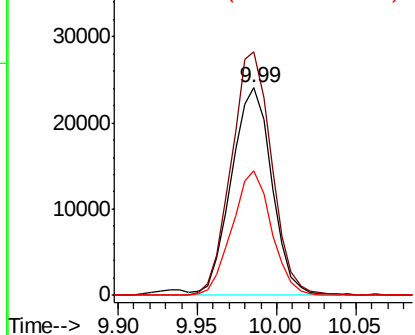
#27
2,4-Dimethylphenol
Concen: 46.050 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 42667
Ion Ratio Lower Upper
122 100
107 117.2 88.8 133.2
121 60.0 43.1 64.7

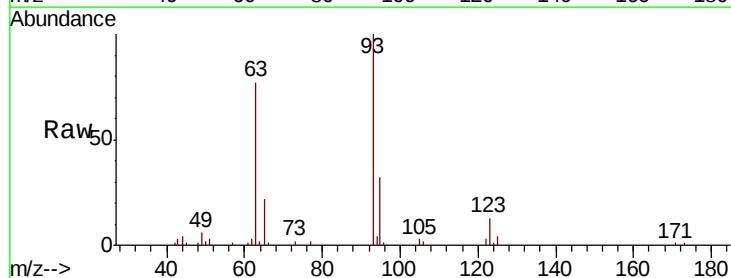


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

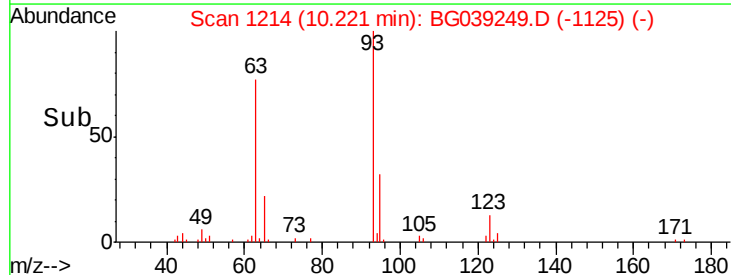
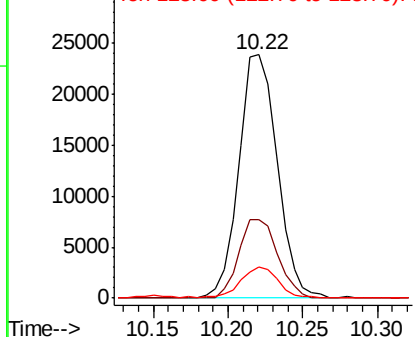


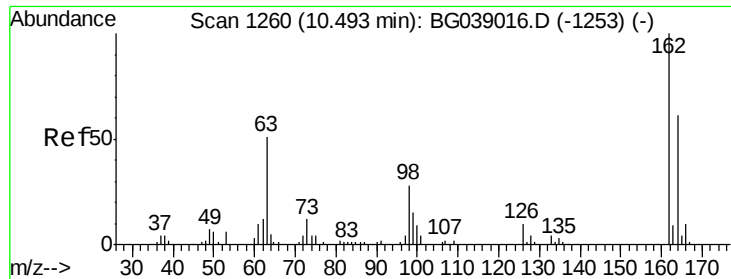
#28
bis(2-Chloroethoxy)methane
Concen: 34.080 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion: 93 Resp: 42500
Ion Ratio Lower Upper
93 100
95 32.5 25.6 38.4
123 12.8 10.1 15.1



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

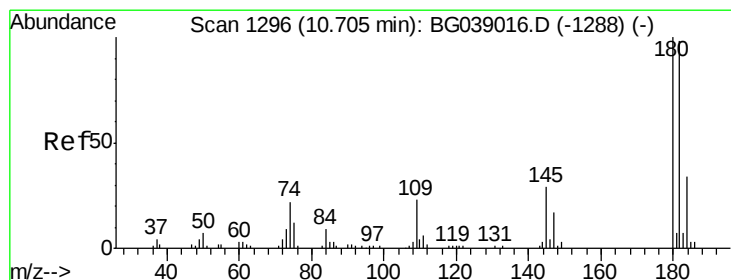
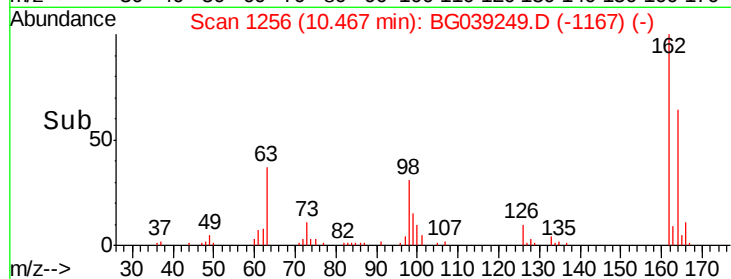
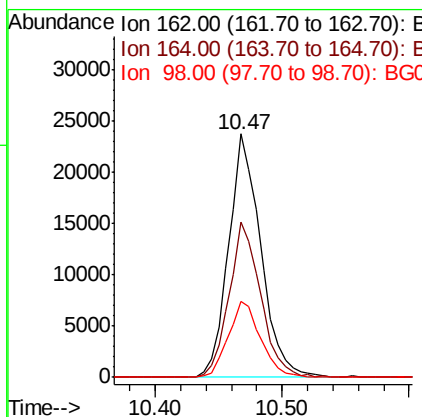
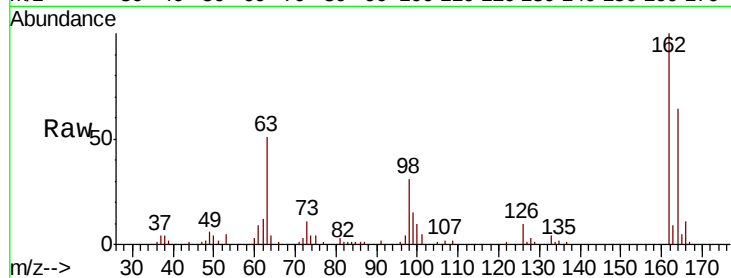




#29
 2,4-Dichlorophenol
 Concen: 36.201 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

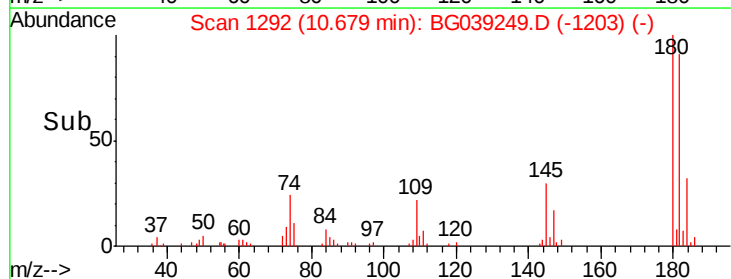
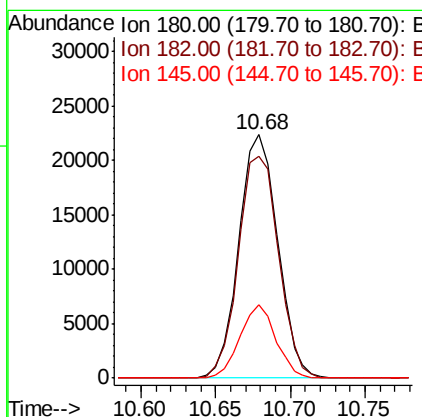
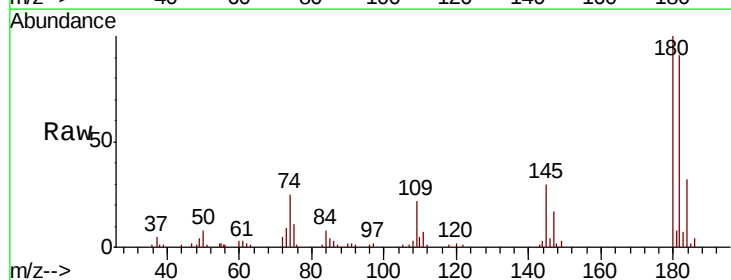
Instrument :
 BNA_F
 ClientSampleId :

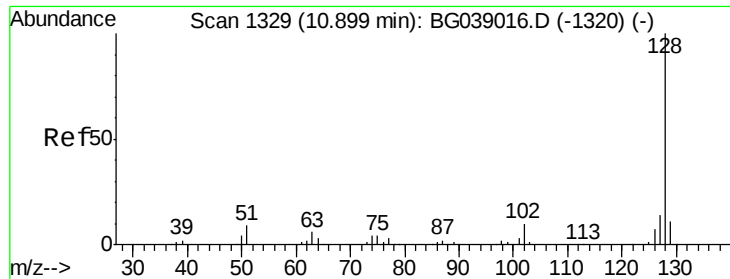
Tot Ion	162	Resp	41670
Ion	Ratio	Lower	Upper
162	100		
164	63.8	41.3	81.3
98	31.3	8.3	48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 29.215 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion	180	Resp	40406
Ion	Ratio	Lower	Upper
180	100		
182	91.1	78.1	117.1
145	30.2	23.1	34.7

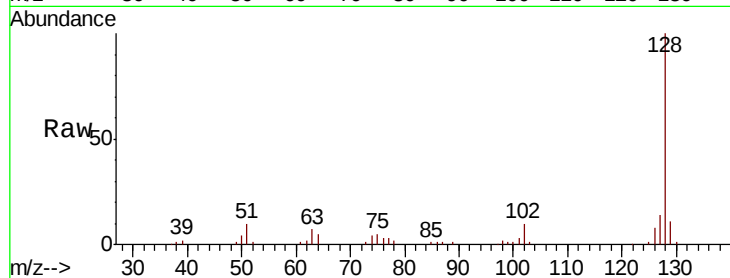




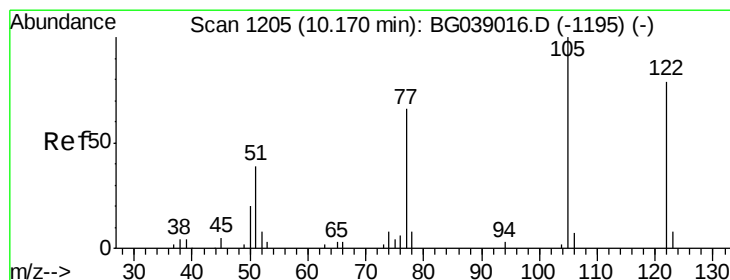
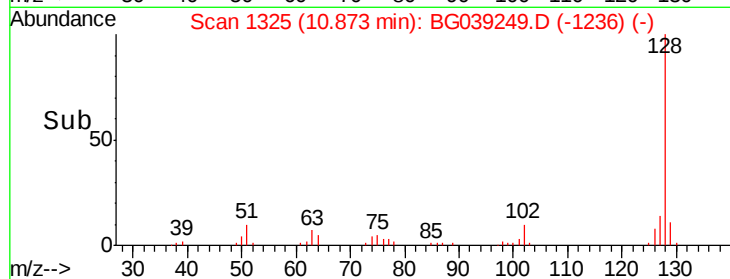
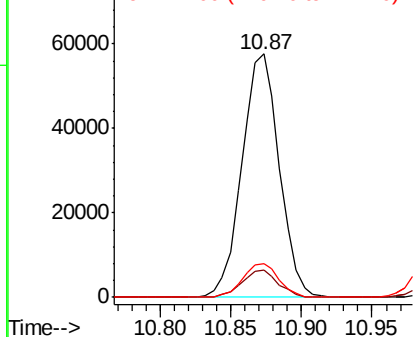
#31
Naphthalene
Concen: 32.191 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 106421
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.8 11.2 16.8

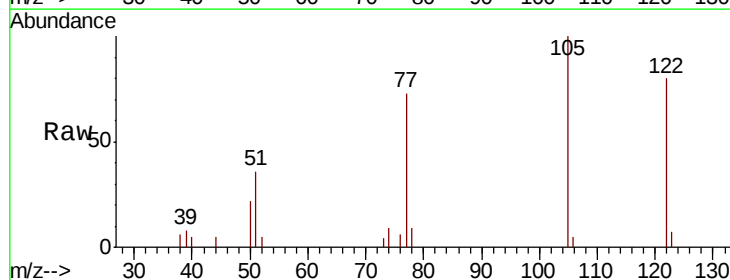


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

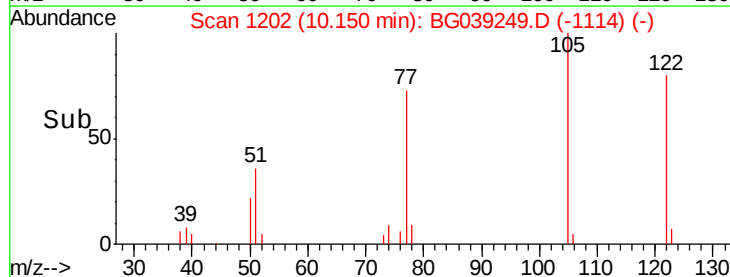
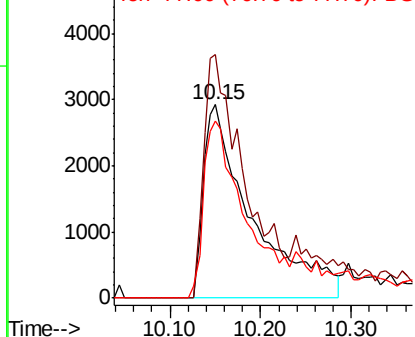


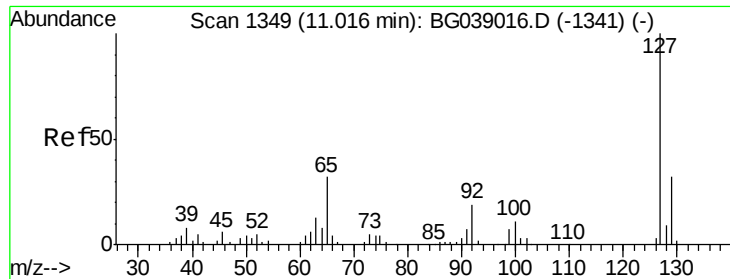
#32
Benzoic acid
Concen: 24.820 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion:122 Resp: 10907
Ion Ratio Lower Upper
122 100
105 125.8 106.4 146.4
77 91.8 63.6 103.6



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

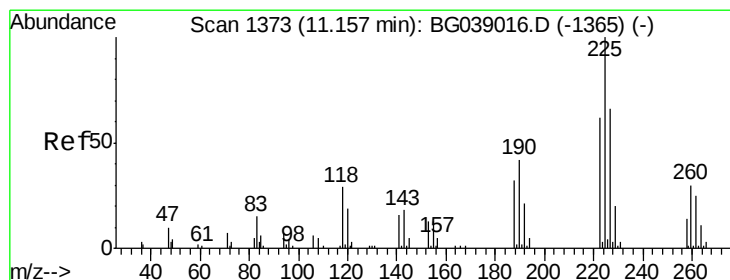
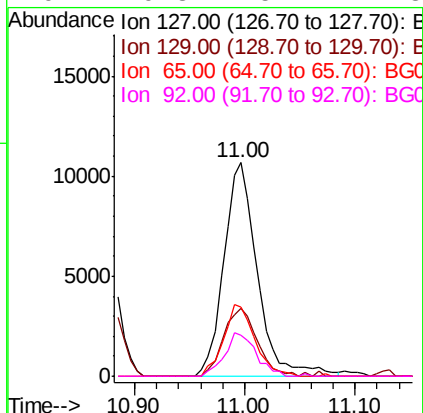
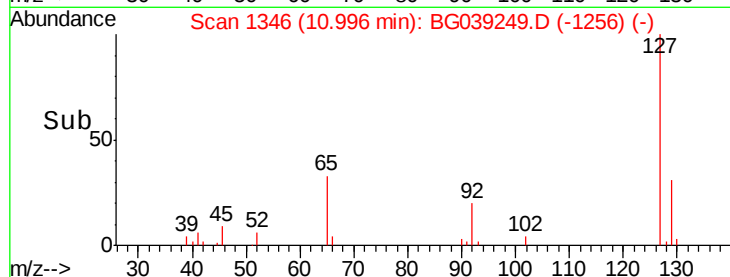
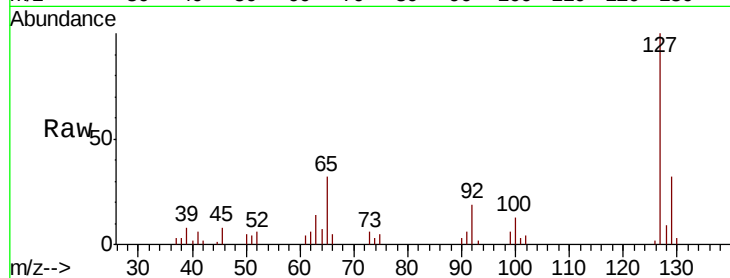




#33
4-Chloroaniline
Concen: 15.314 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

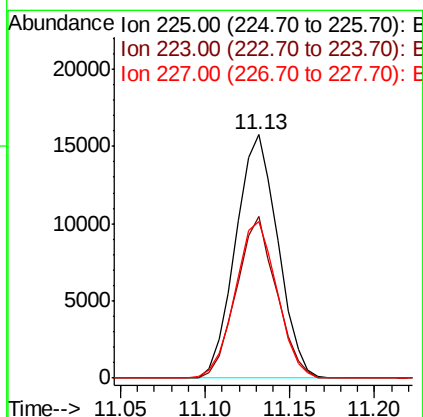
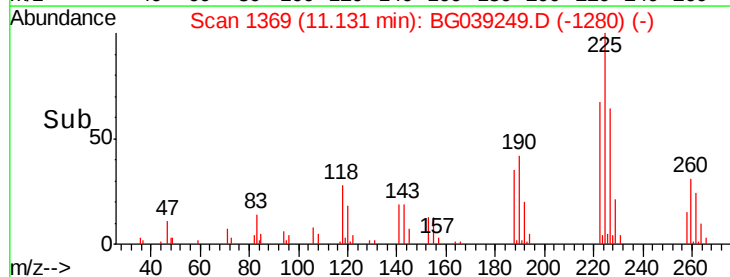
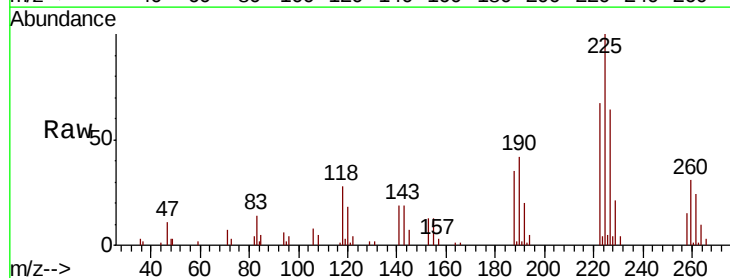
Instrument :
BNA_F
ClientSampleId :

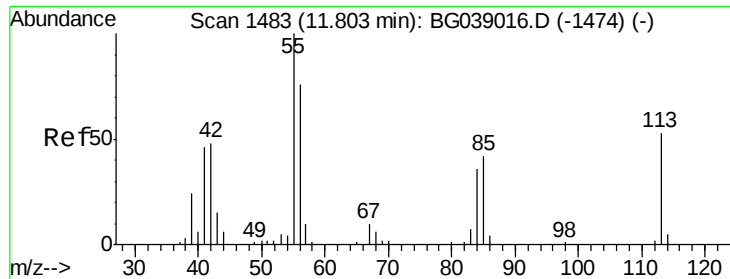
Tot Ion:127	Resp:	22654	
Ion Ratio	Lower	Upper	
127 100			
129 31.9	25.4	38.0	
65 32.1	25.4	38.0	
92 19.3	15.2	22.8	



#34
Hexachlorobutadiene
Concen: 28.761 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion:225	Resp: 27370
Ion Ratio	Lower Upper
225 100	
223 67.7	50.2 75.4
227 64.9	53.2 79.8

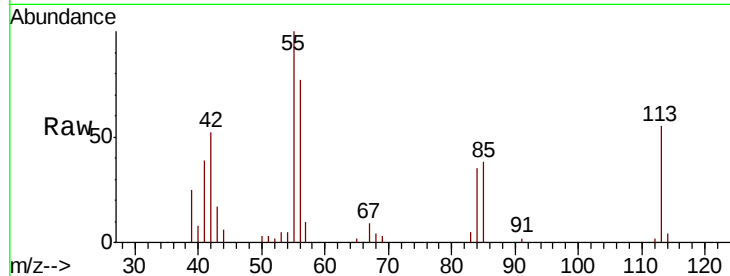




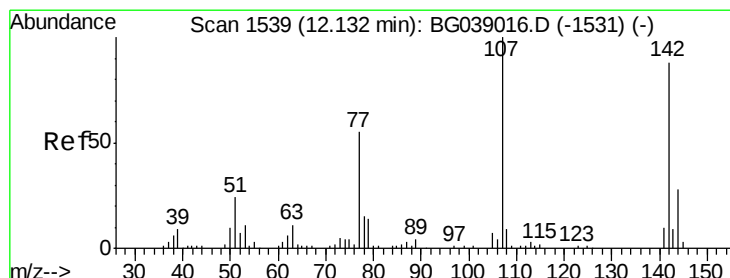
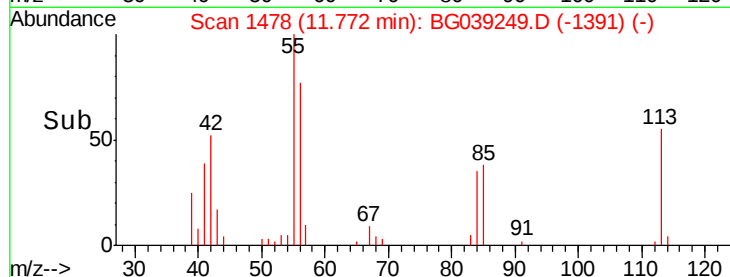
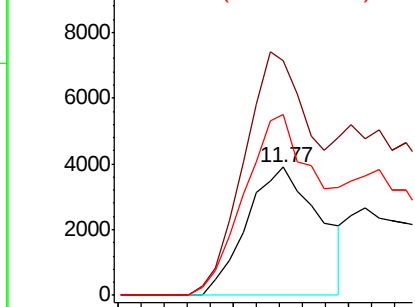
#35
 Caprolactam
 Concen: 18.452 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. -0.02 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 8517
 Ion Ratio Lower Upper
 113 100
 55 183.4 168.6 208.6
 56 141.3 123.2 163.2

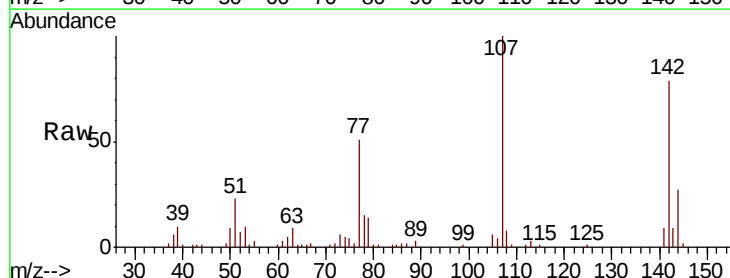


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

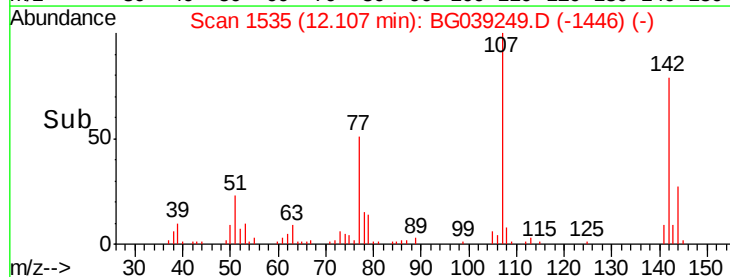
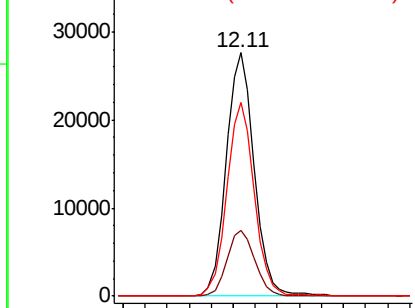


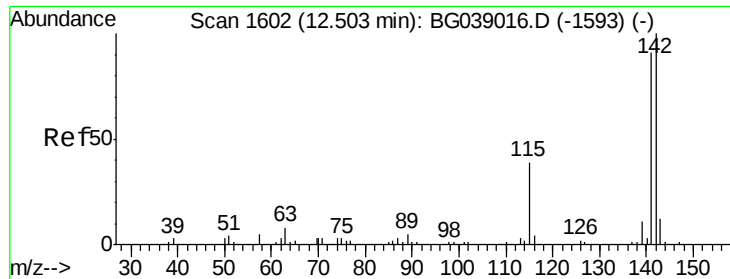
#36
 4-Chloro-3-methylphenol
 Concen: 39.877 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:107 Resp: 49094
 Ion Ratio Lower Upper
 107 100
 144 27.1 22.6 34.0
 142 79.3 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

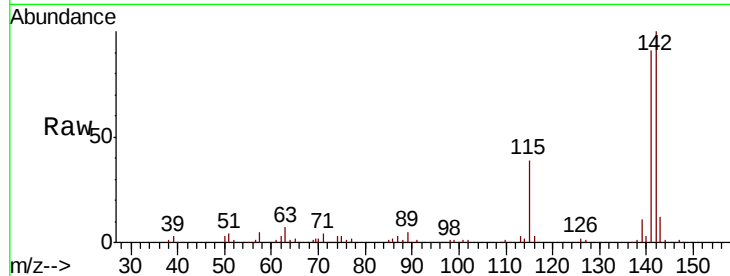




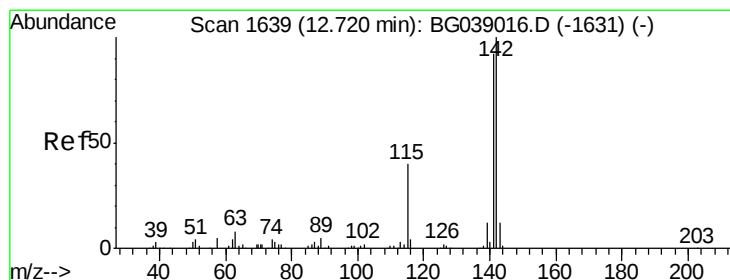
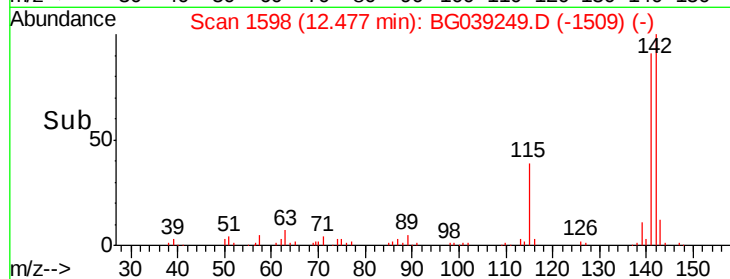
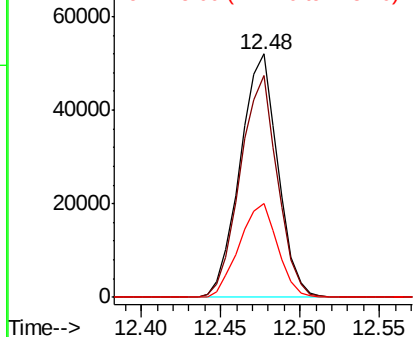
#37
 2-Methylnaphthalene
 Concen: 34.577 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 85703
 Ion Ratio Lower Upper
 142 100
 141 90.9 72.6 109.0
 115 38.7 31.1 46.7

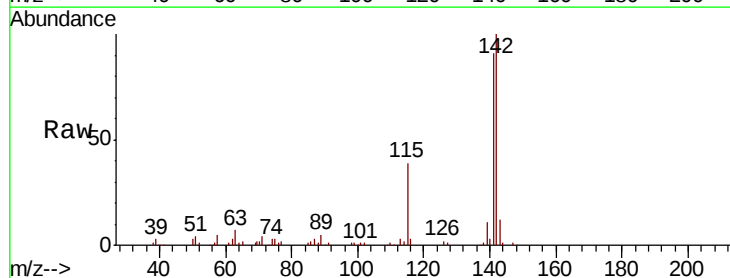


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

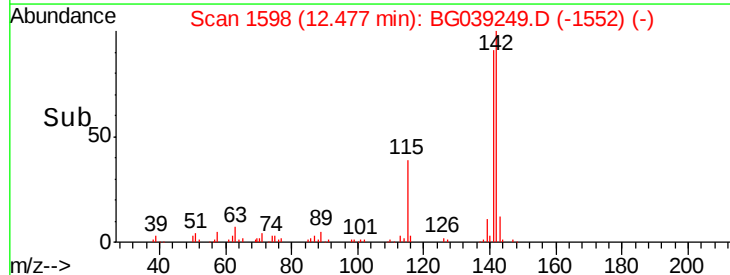
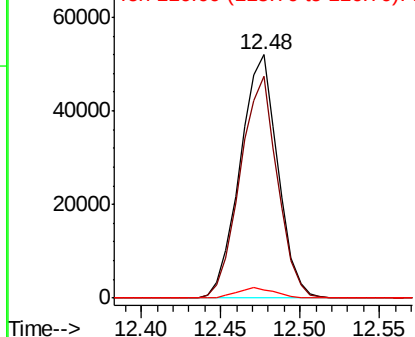


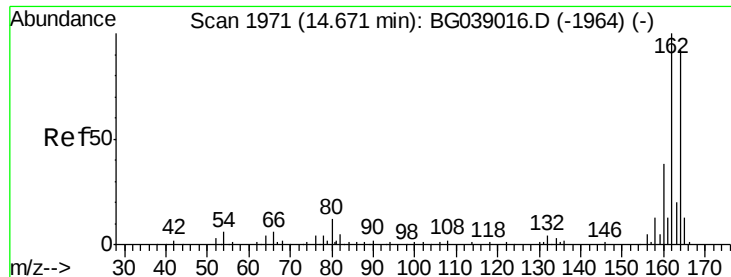
#38
 1-Methylnaphthalene
 Concen: 36.024 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.23 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:142 Resp: 85703
 Ion Ratio Lower Upper
 142 100
 141 90.9 73.3 109.9
 116 3.4 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

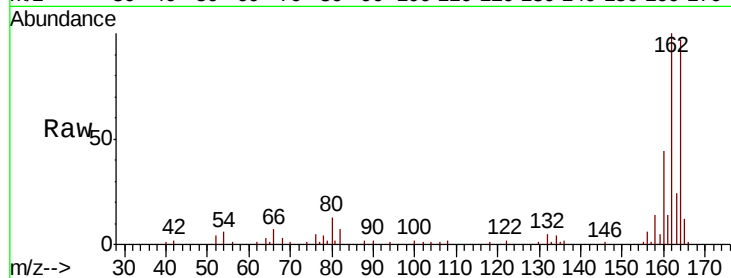
Tot Ion:164 Resp: 41482

Ion Ratio Lower Upper

164 100

162 103.6 87.2 130.8

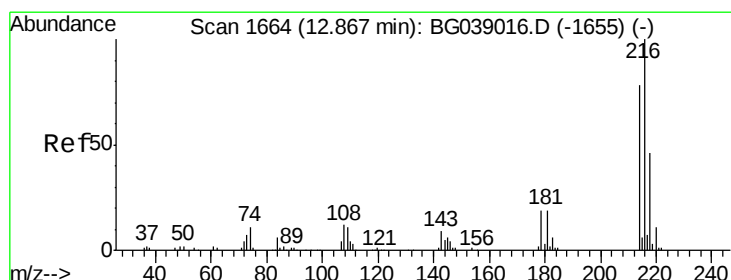
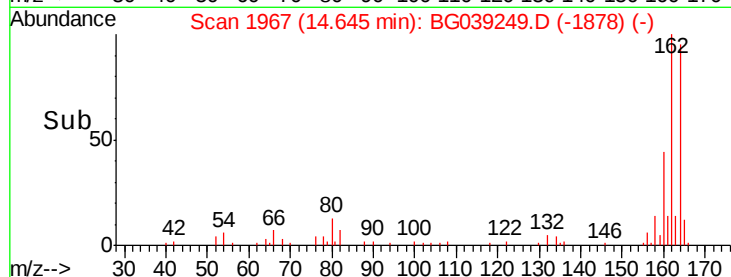
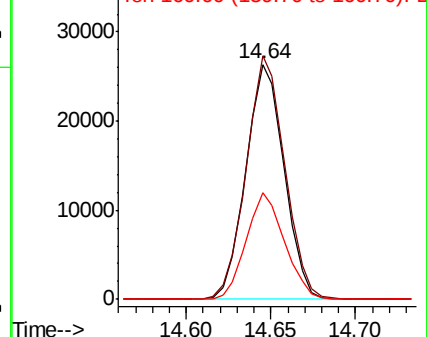
160 45.2 33.3 49.9



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: 34.107 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Tgt Ion:216 Resp: 53135

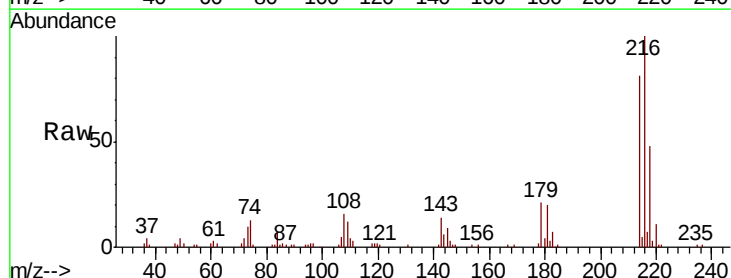
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 20.0 15.5 23.3

108 14.1 11.4 17.2

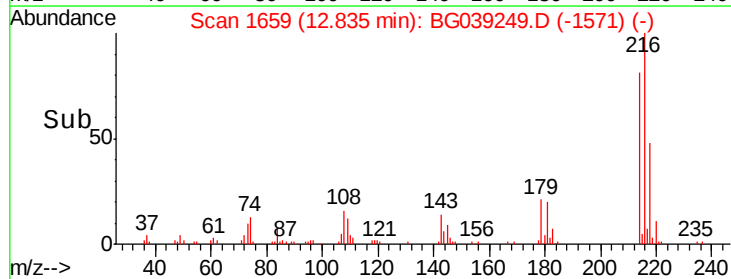
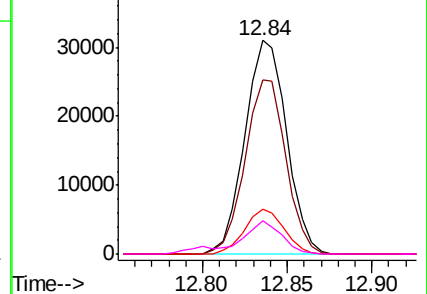


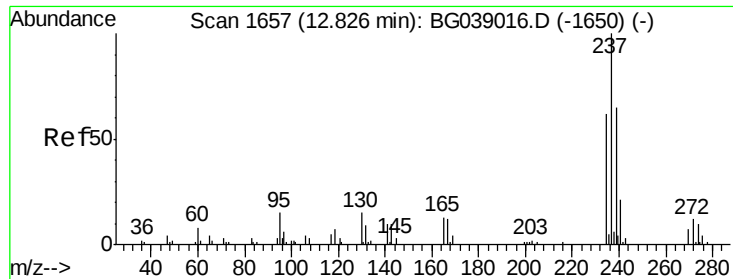
Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.566 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampled :

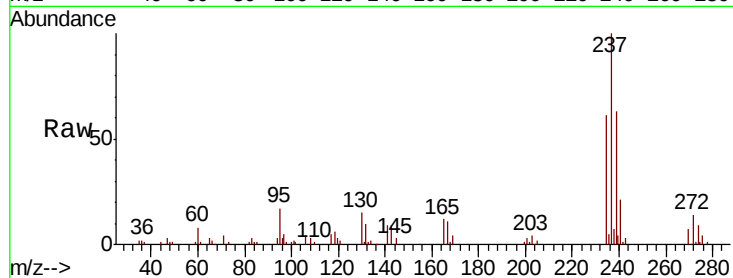
Tot Ion:237 Resp: 57496

Ion Ratio Lower Upper

237 100

235 60.6 41.7 81.7

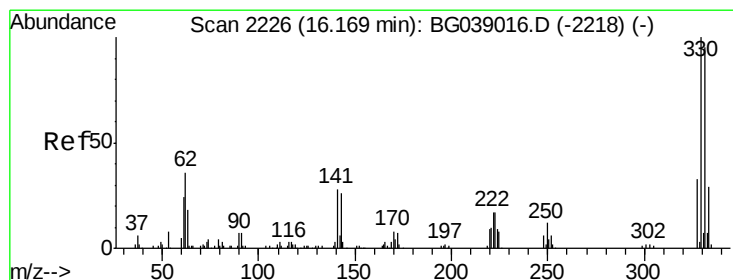
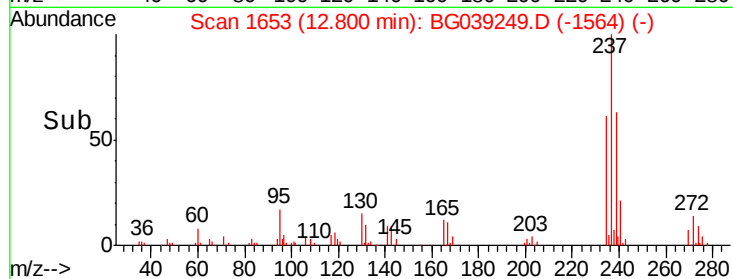
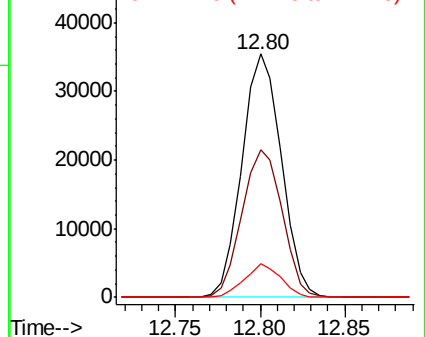
272 14.0 0.0 32.1



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: 101.869 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

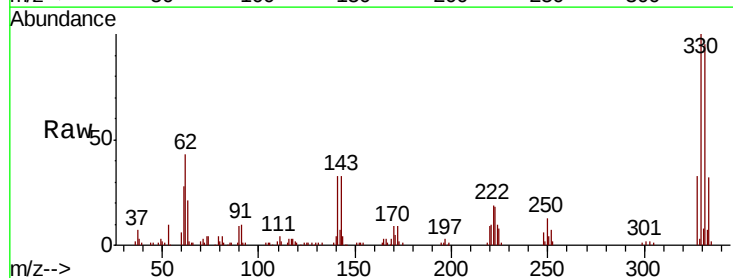
Tgt Ion:330 Resp: 70835

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

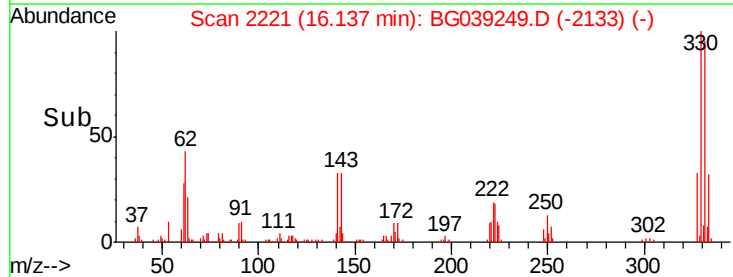
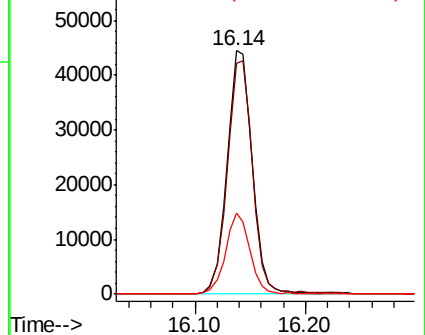
141 32.0 24.9 37.3

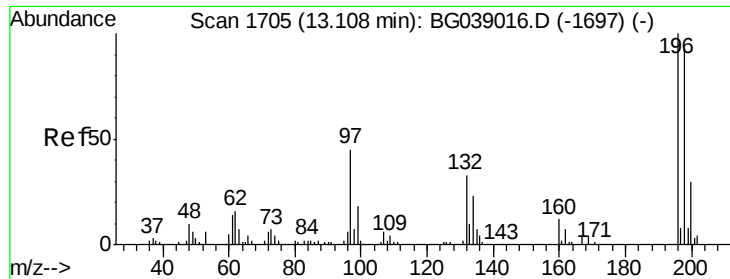


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

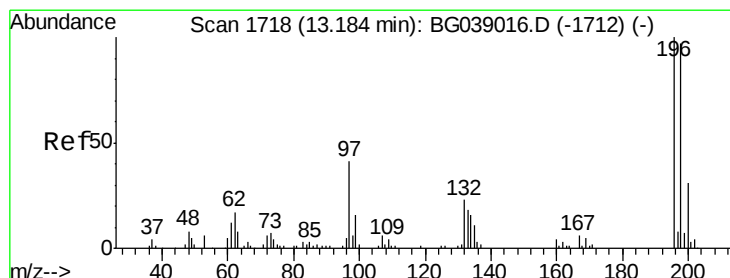
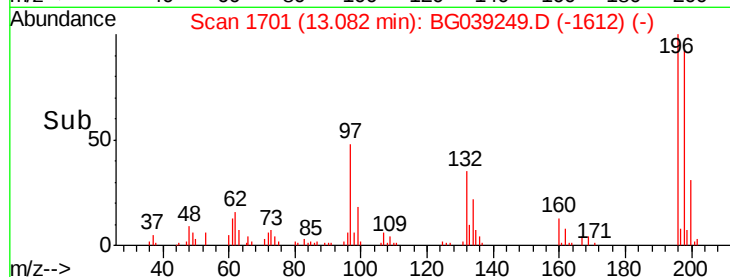
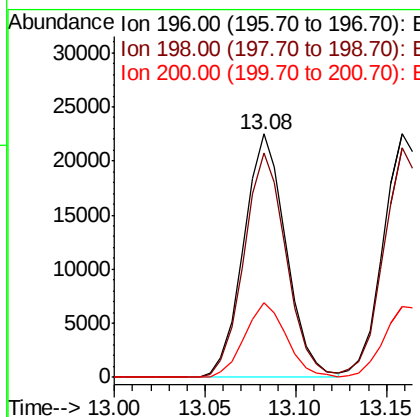
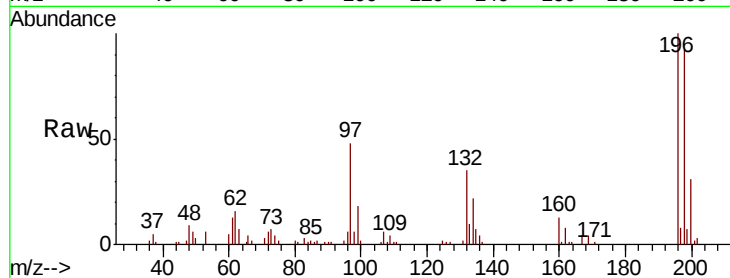




#43
 2,4,6-Trichlorophenol
 Concen: 37.500 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

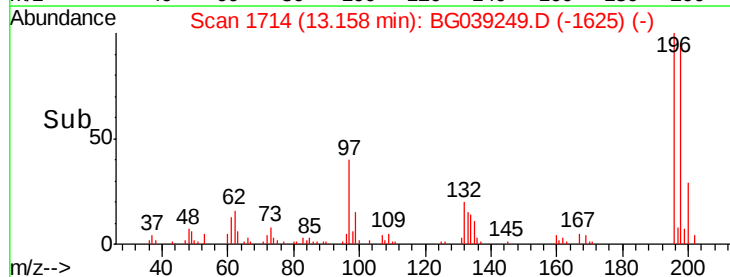
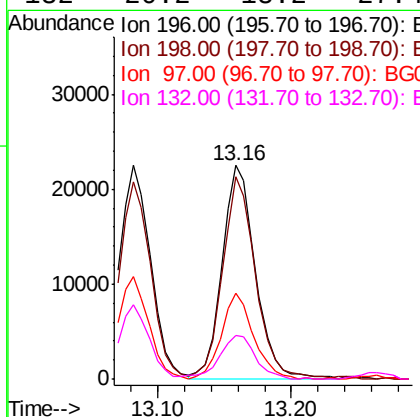
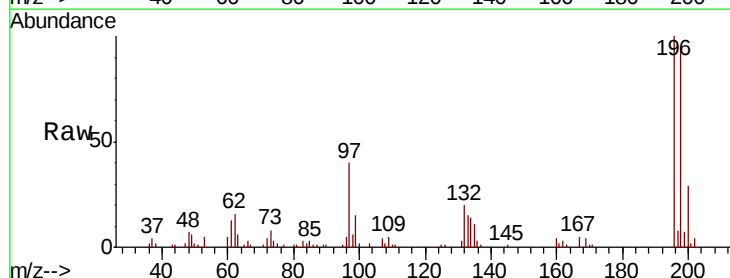
Instrument :
 BNA_F
 ClientSampleId :

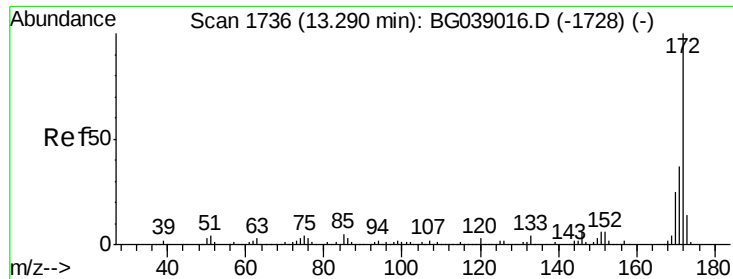
Tot Ion:196 Resp: 36769
 Ion Ratio Lower Upper
 196 100
 198 92.0 74.5 111.7
 200 30.7 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.938 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:196 Resp: 39315
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.1 117.1
 97 40.0 33.2 49.8
 132 20.2 18.2 27.4

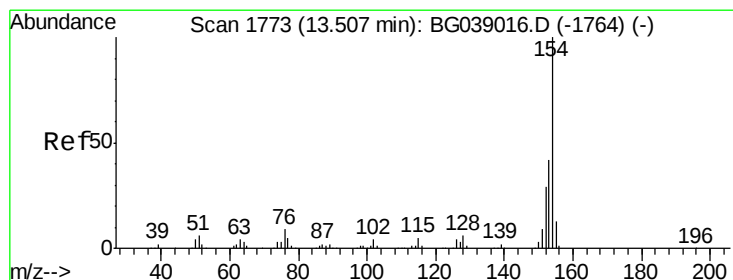
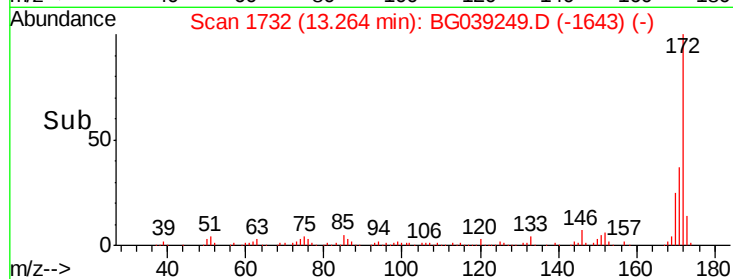
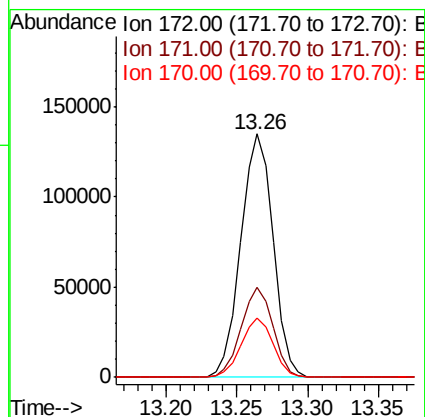
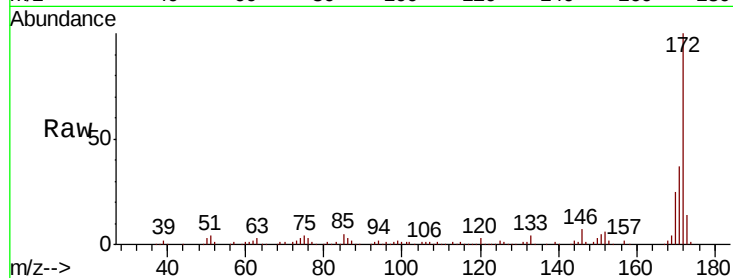




#45
 2-Fluorobiphenyl
 Concen: 71.212 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

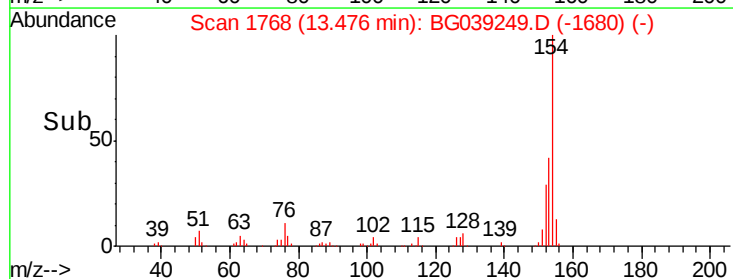
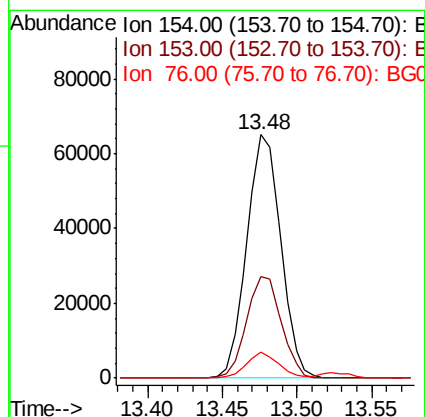
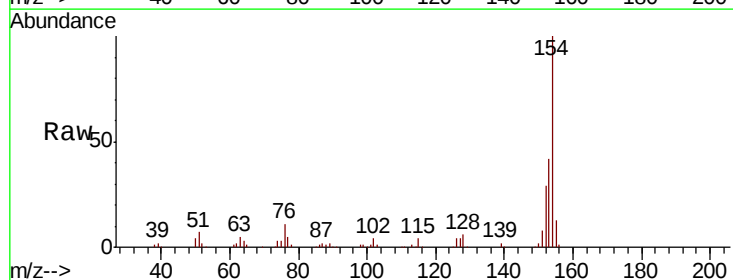
Instrument :
 BNA_F
 ClientSampleId :

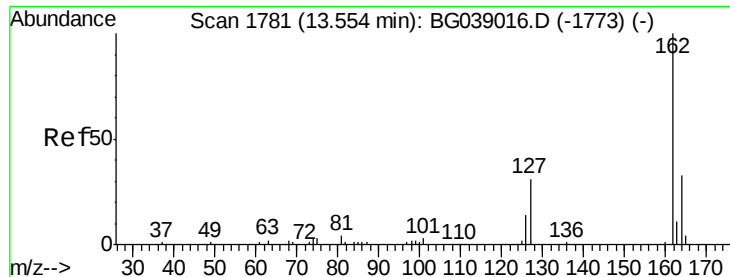
Tot Ion:172 Resp: 215849
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 31.184 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:154 Resp: 102500
 Ion Ratio Lower Upper
 154 100
 153 41.8 22.4 62.4
 76 10.8 0.0 29.4

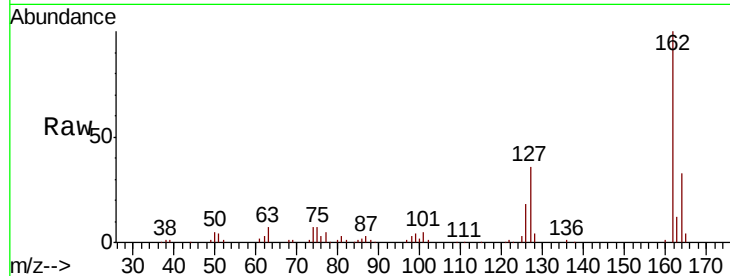




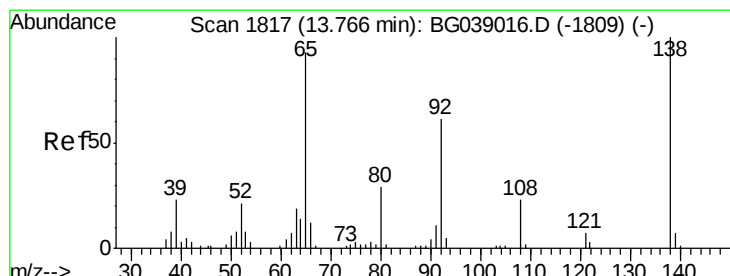
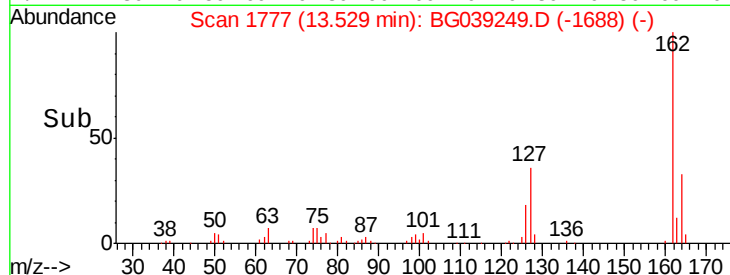
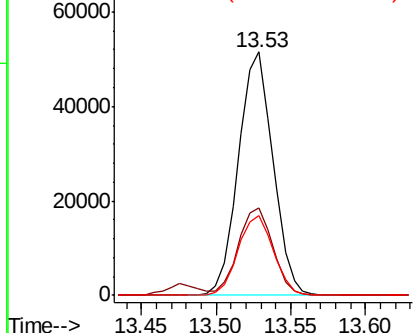
#47
2-Chloronaphthalene
Concen: 31.160 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 82881
Ion Ratio Lower Upper
162 100
127 36.0 28.4 42.6
164 32.7 26.3 39.5

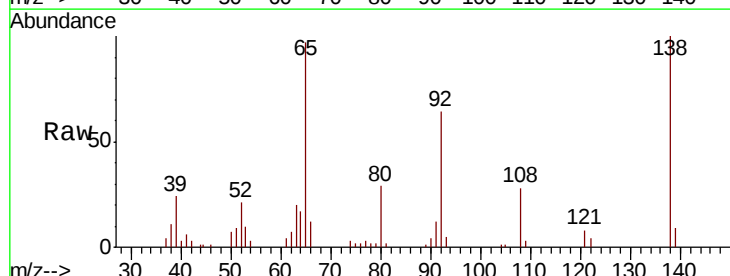


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

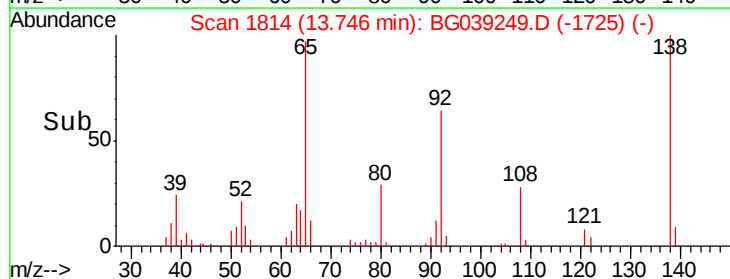
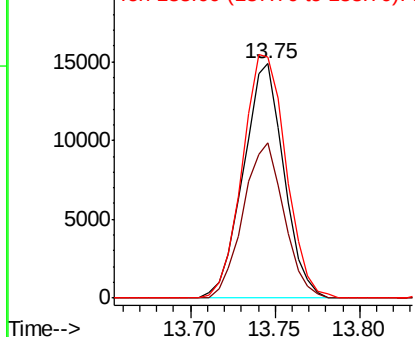


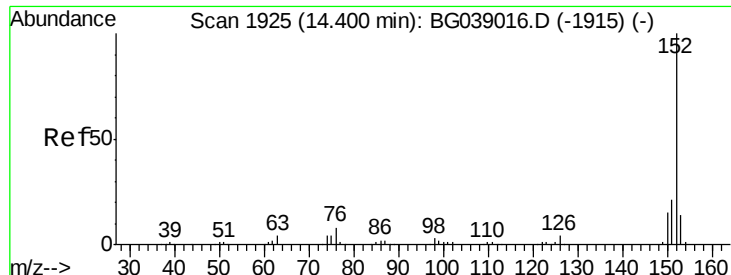
#48
2-Nitroaniline
Concen: 33.301 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion: 65 Resp: 24815
Ion Ratio Lower Upper
65 100
92 66.4 52.2 78.4
138 103.1 86.0 129.0



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





#49

Acenaphthylene

Concen: 34.268 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

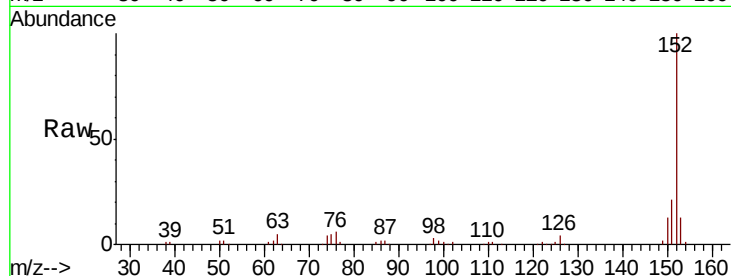
Tot Ion:152 Resp: 137004

Ion Ratio Lower Upper

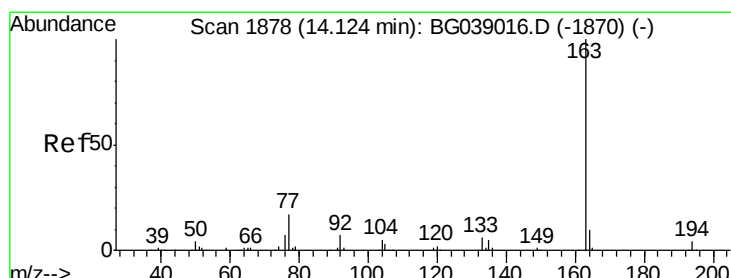
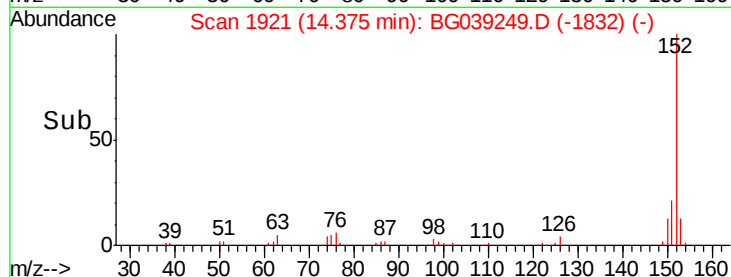
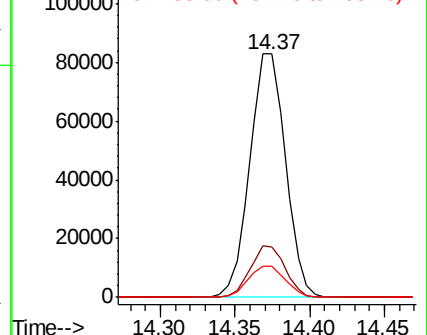
152 100

151 20.9 17.0 25.4

153 12.7 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: 32.718 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

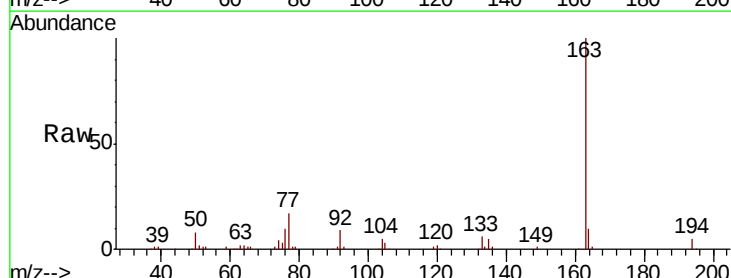
Tgt Ion:163 Resp: 114689

Ion Ratio Lower Upper

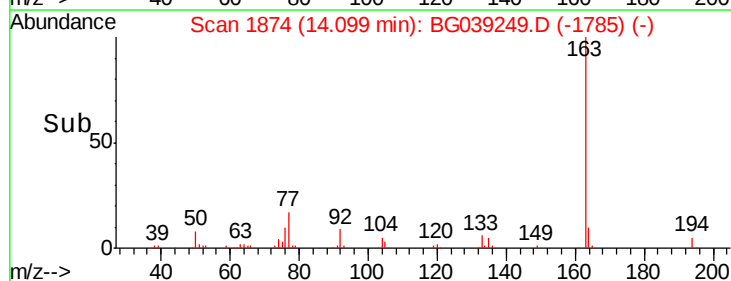
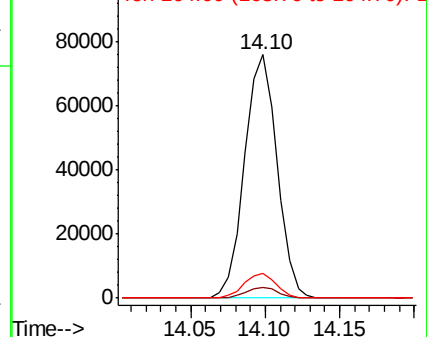
163 100

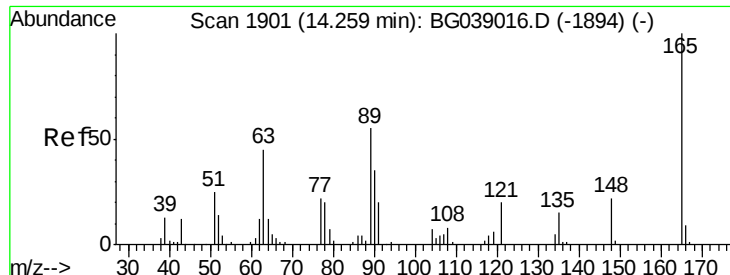
194 4.6 3.6 5.4

164 9.9 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

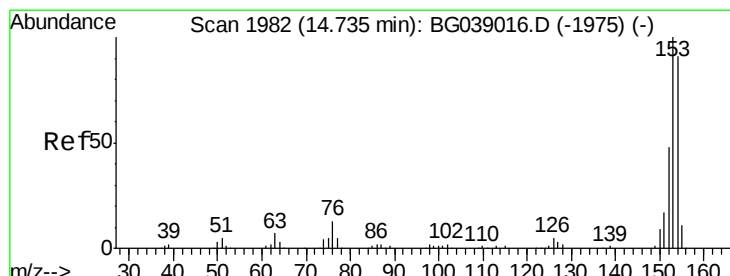
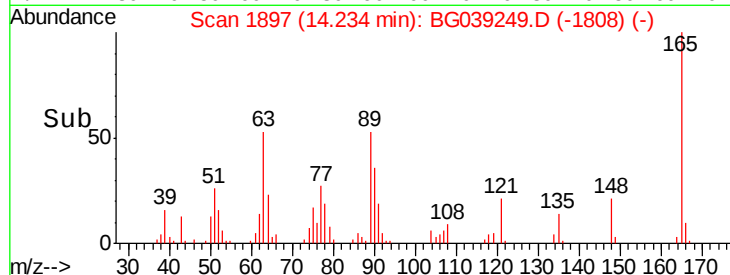
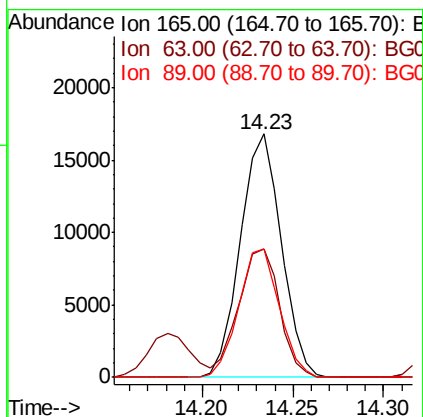
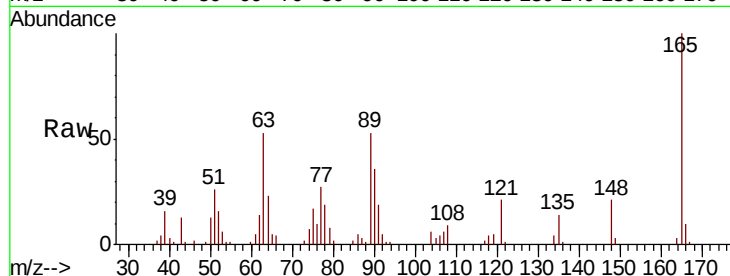




#51
 2,6-Dinitrotoluene
 Concen: 33.643 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

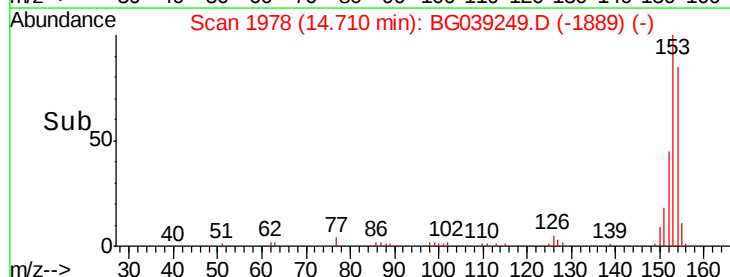
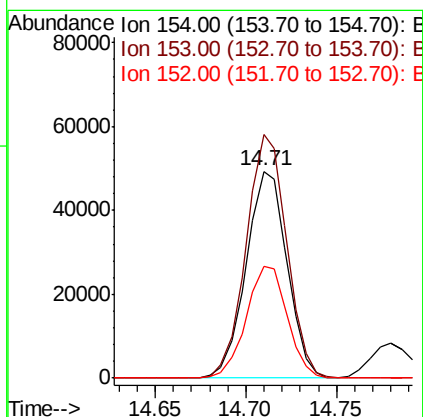
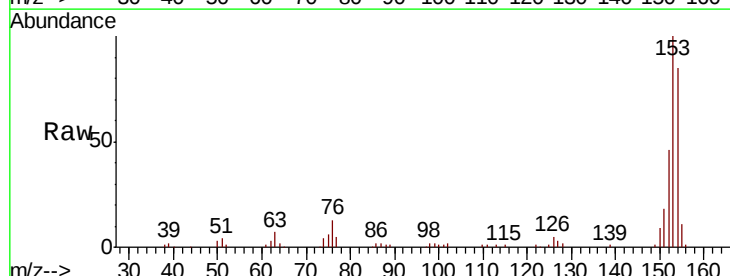
Instrument :
 BNA_F
 ClientSampled :

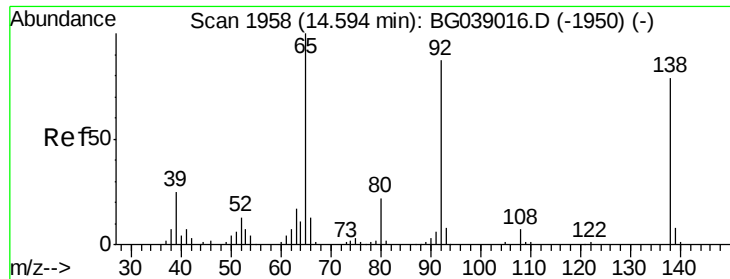
Tot Ion:165 Resp: 26367
 Ion Ratio Lower Upper
 165 100
 63 52.6 43.6 65.4
 89 52.9 43.7 65.5



#52
 Acenaphthene
 Concen: 32.151 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:154 Resp: 77229
 Ion Ratio Lower Upper
 154 100
 153 117.8 87.9 131.9
 152 54.1 42.2 63.2





#53

3-Nitroaniline

Concen: 20.127 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

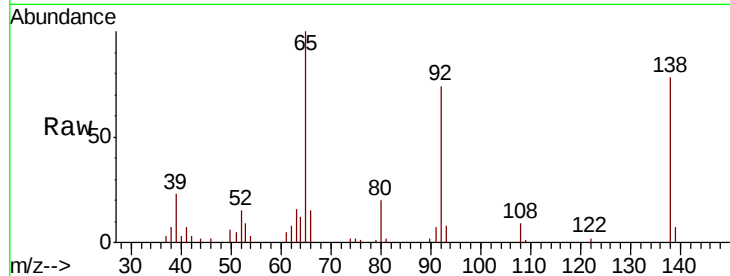
Tot Ion:138 Resp: 16002

Ion Ratio Lower Upper

138 100

108 12.1 7.4 11.0#

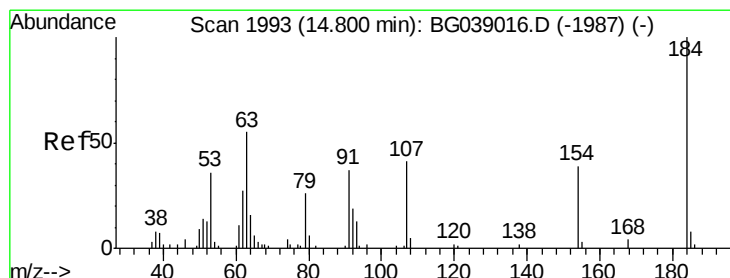
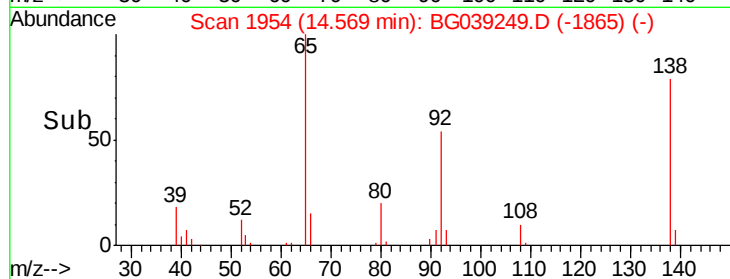
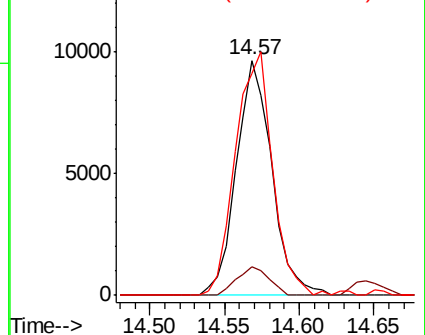
92 94.5 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 52.266 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

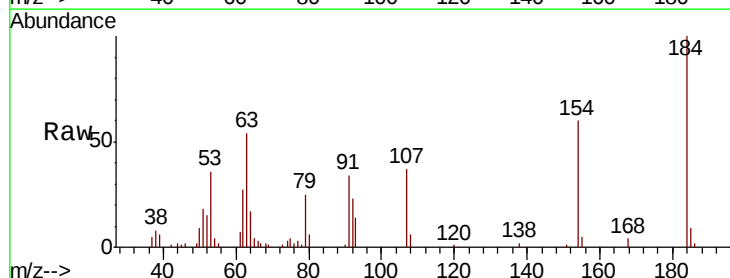
Tgt Ion:184 Resp: 23552

Ion Ratio Lower Upper

184 100

63 54.1 44.0 66.0

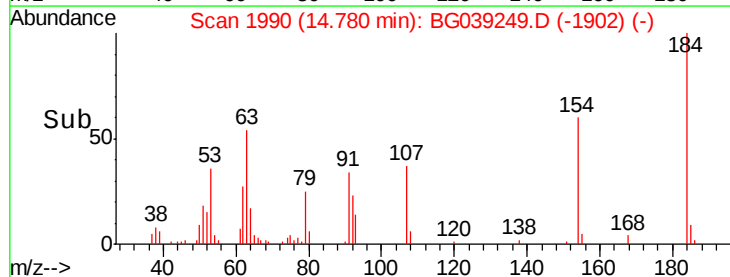
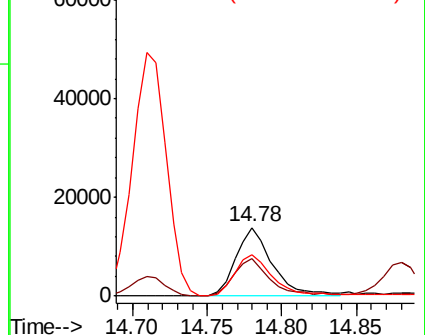
154 60.3 46.1 69.1

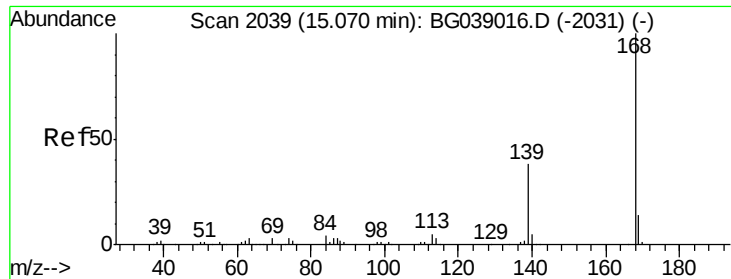


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

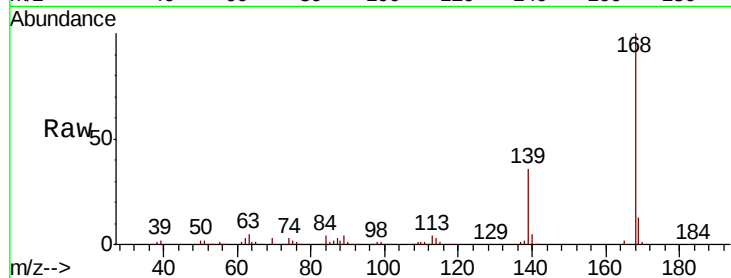




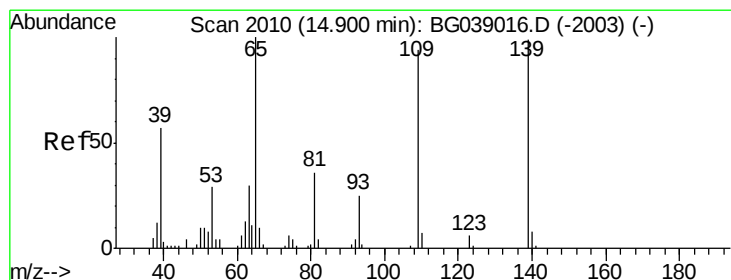
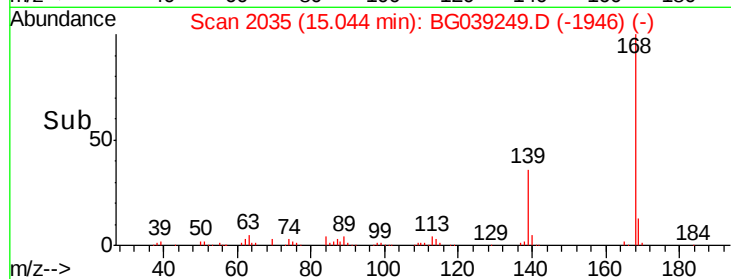
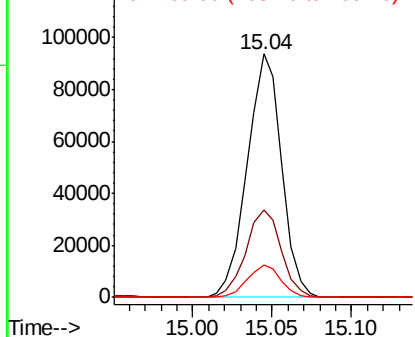
#55
Dibenzenofuran
Concen: 33.208 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 140880
Ion Ratio Lower Upper
168 100
139 36.2 30.1 45.1
169 13.2 10.9 16.3

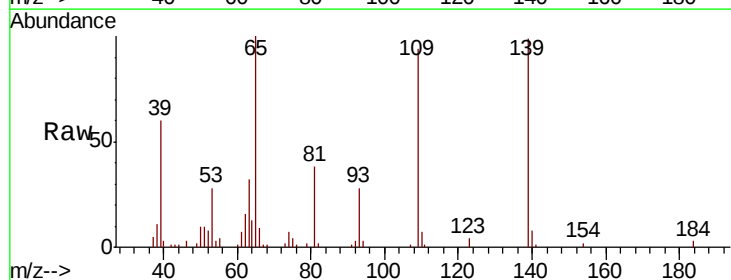


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

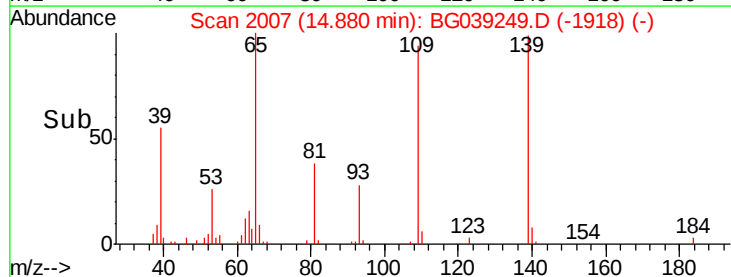
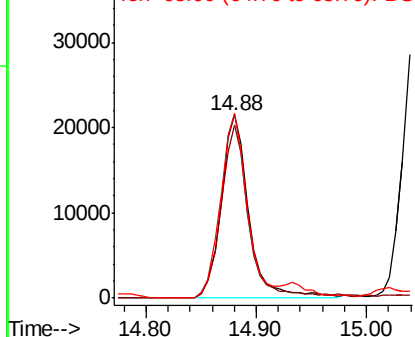


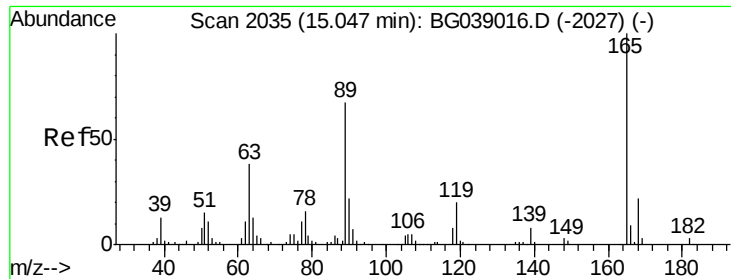
#56
4-Nitrophenol
Concen: 65.474 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion:139 Resp: 37454
Ion Ratio Lower Upper
139 100
109 94.5 75.6 115.6
65 100.6 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): BGC

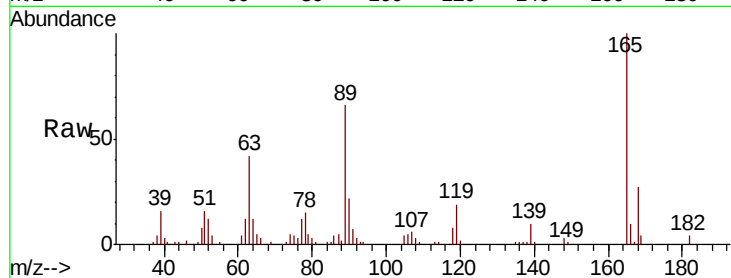




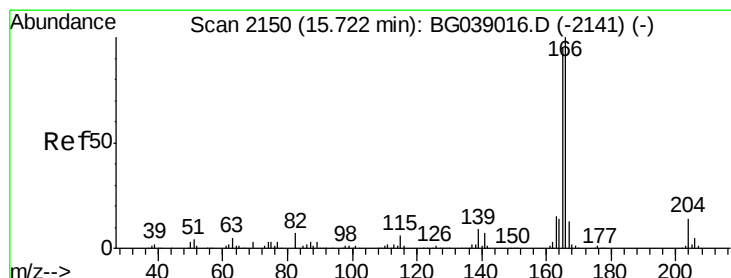
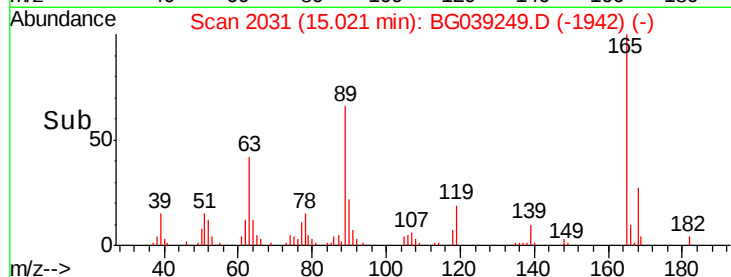
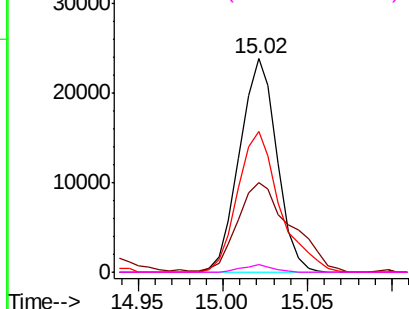
#57
2,4-Dinitrotoluene
Concen: 32.620 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 36677
Ion Ratio Lower Upper
165 100
63 41.8 30.2 45.4
89 66.2 53.2 79.8
182 3.7 2.7 4.1

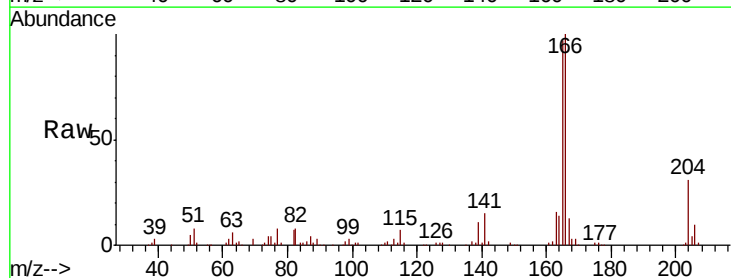


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

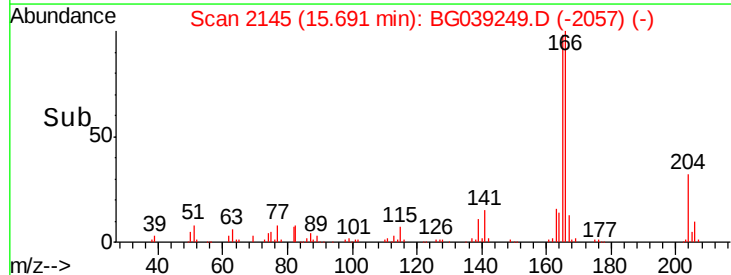
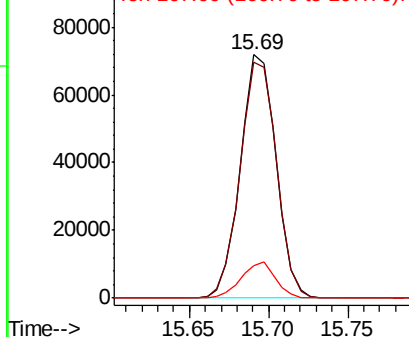


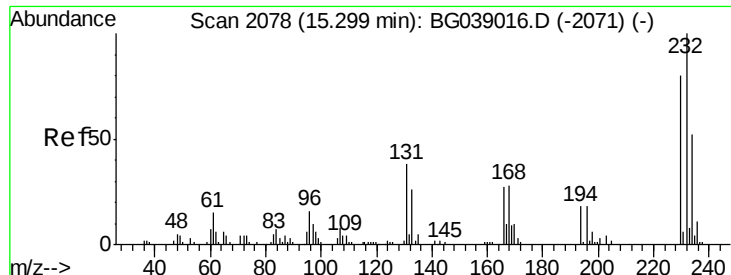
#58
Fluorene
Concen: 35.172 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion:166 Resp: 112316
Ion Ratio Lower Upper
166 100
165 96.7 76.2 114.2
167 13.4 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

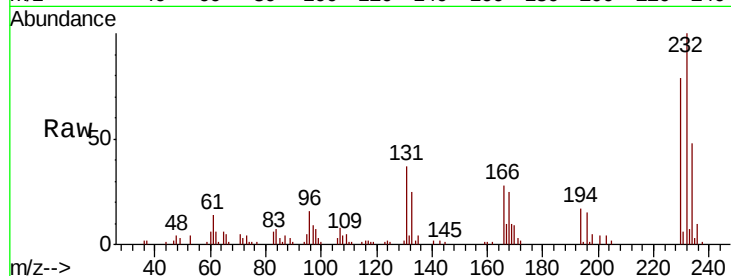




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.888 ng
RT: 15.27 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.6	30.9	46.3
130	2.0	1.9	2.9
166	26.7	22.1	33.1



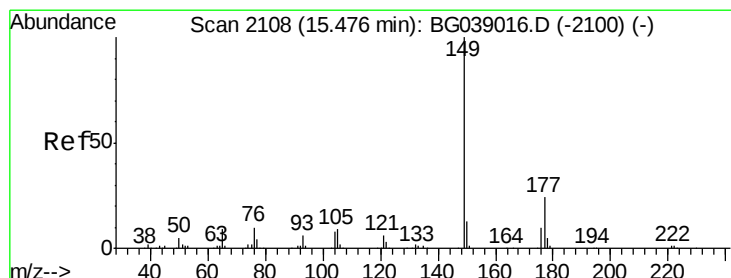
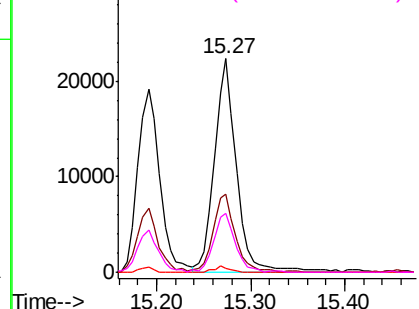
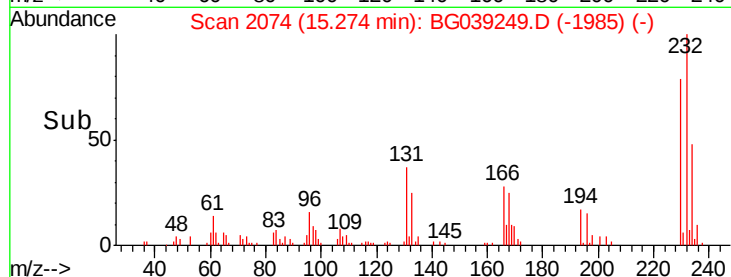
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

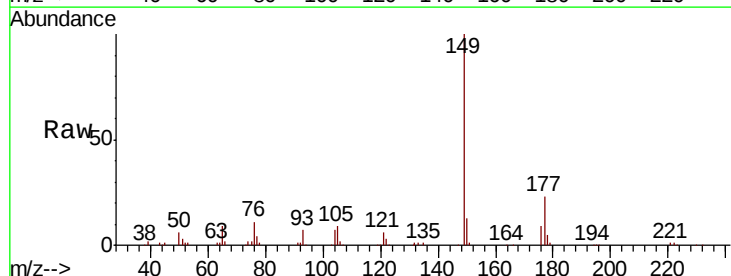
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 32.478 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.0	28.6
150	12.9	10.2	15.4

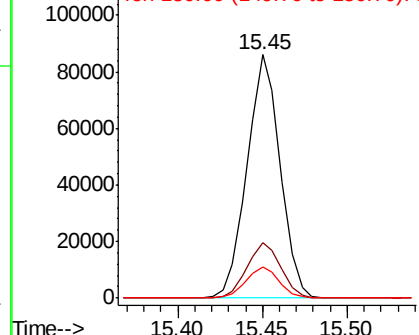
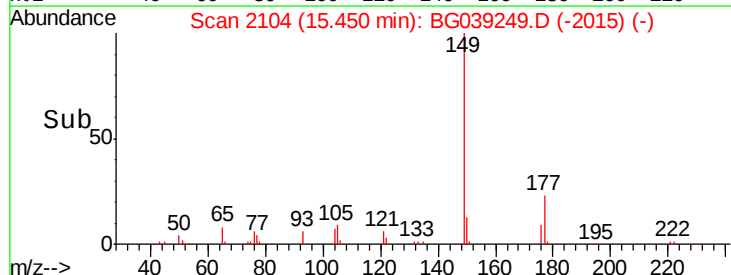


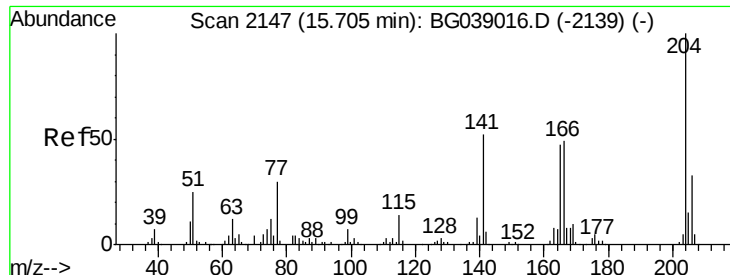
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

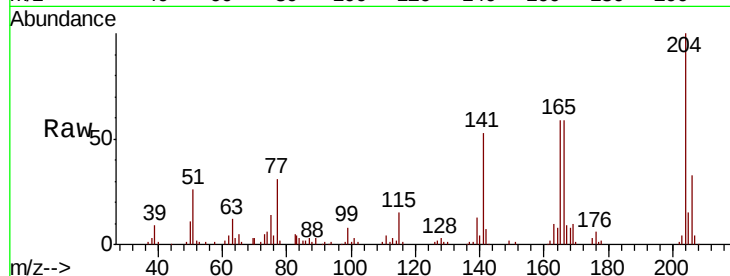




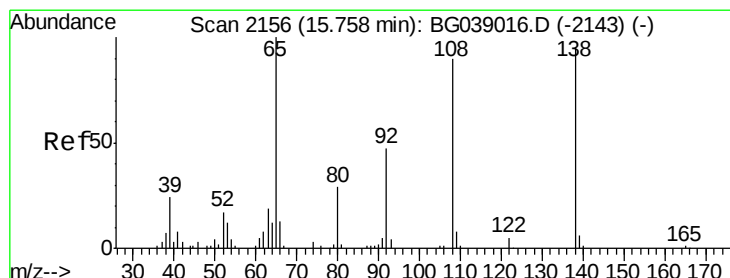
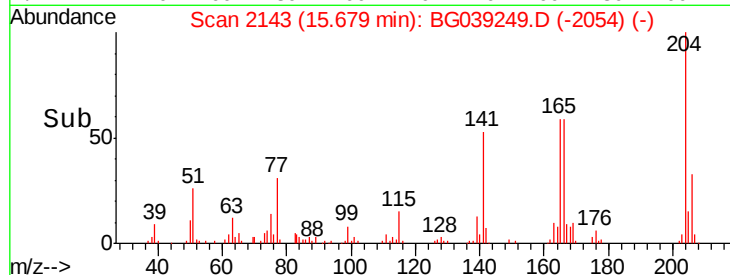
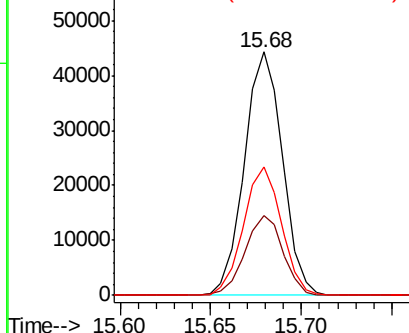
#61
 4-Chlorophenyl-phenylether
 Concen: 32.293 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 64967
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.6 39.8
 141 52.8 41.4 62.0

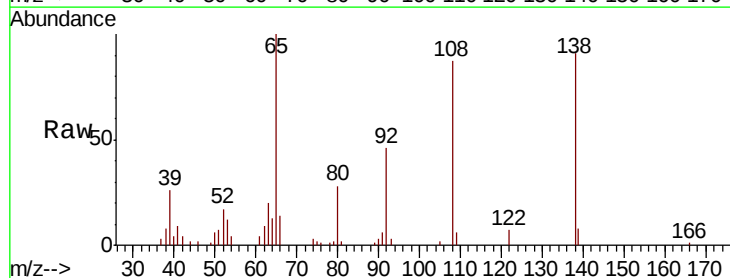


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

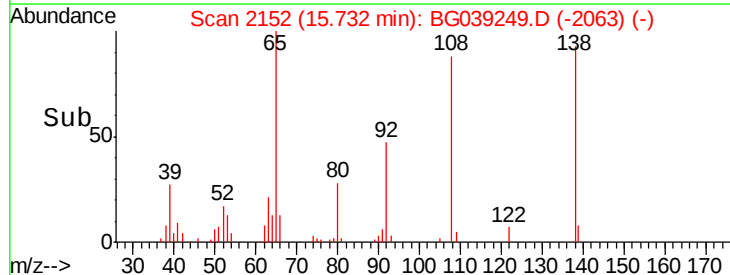
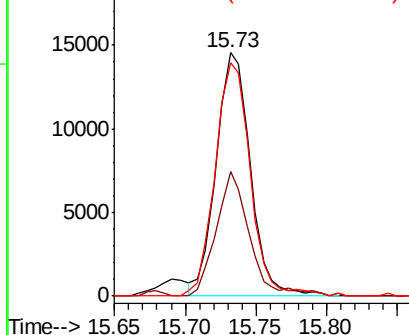


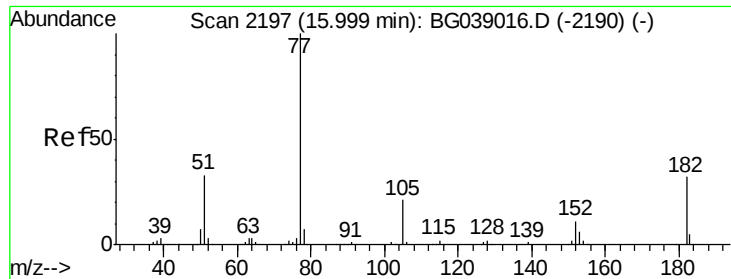
#62
 4-Nitroaniline
 Concen: 29.719 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:138 Resp: 24614
 Ion Ratio Lower Upper
 138 100
 92 51.1 29.7 69.7
 108 95.8 75.7 115.7



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





#63

Azobenzene

Concen: 32.402 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 91515

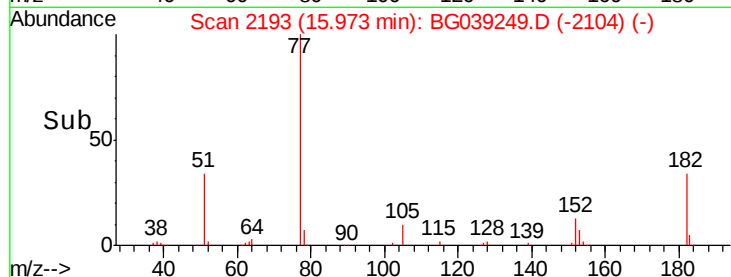
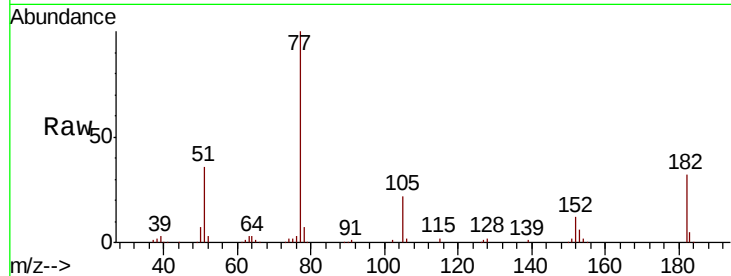
Ion Ratio Lower Upper

77 100

182 32.4 12.2 52.2

105 21.8 1.2 41.2

51 35.8 13.4 53.4

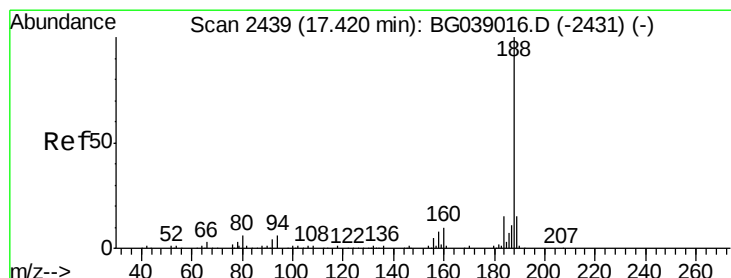
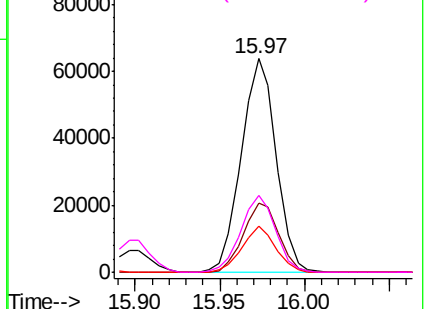


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

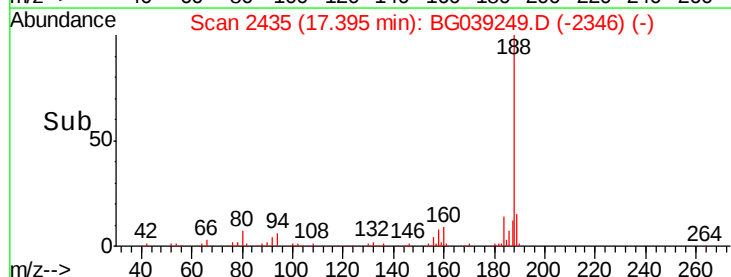
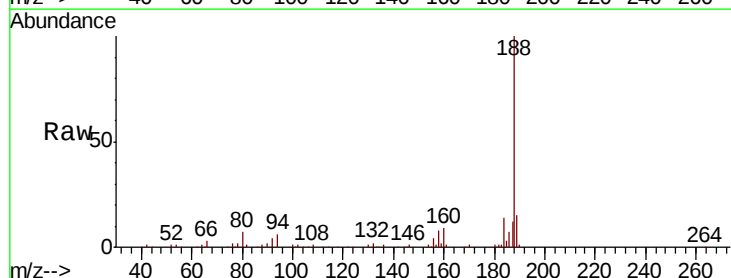
Tgt Ion: 188 Resp: 115097

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

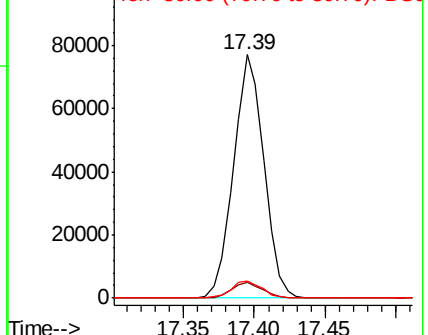
80 6.8 4.7 7.1

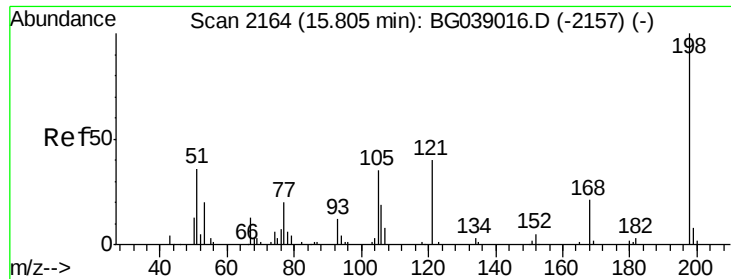


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 26.801 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

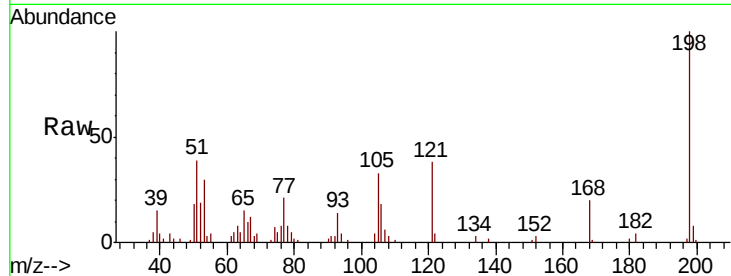
Tot Ion:198 Resp: 22853

Ion Ratio Lower Upper

198 100

51 39.2 20.8 60.8

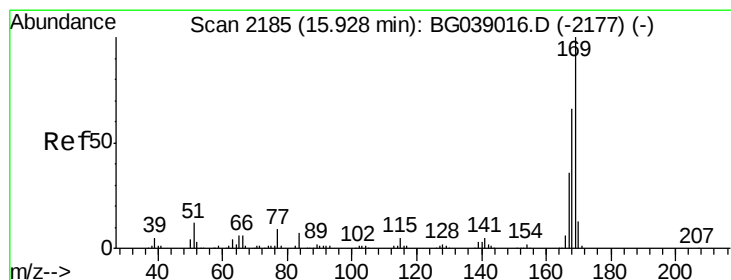
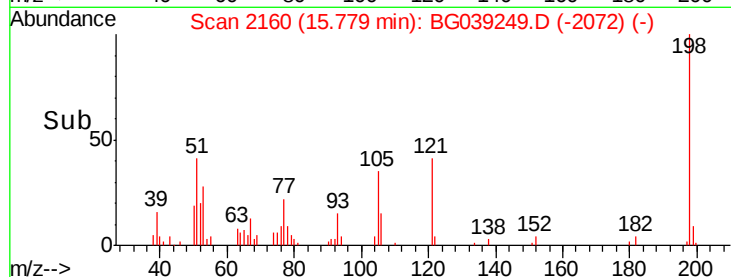
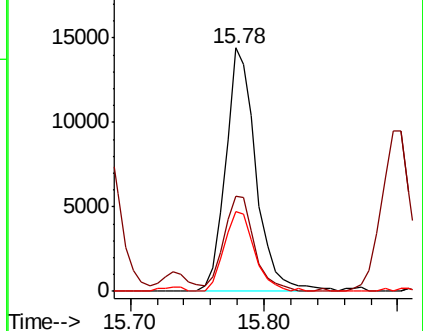
105 32.7 16.1 56.1



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: 29.229 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

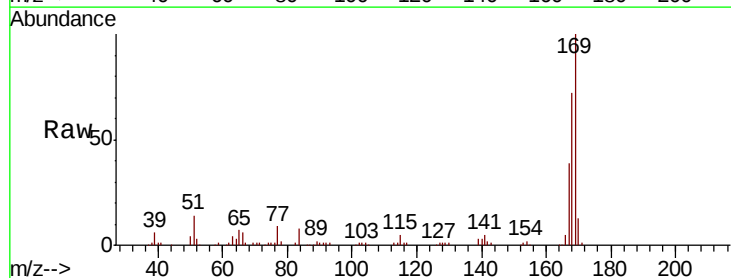
Tgt Ion:169 Resp: 99731

Ion Ratio Lower Upper

169 100

168 71.9 53.2 79.8

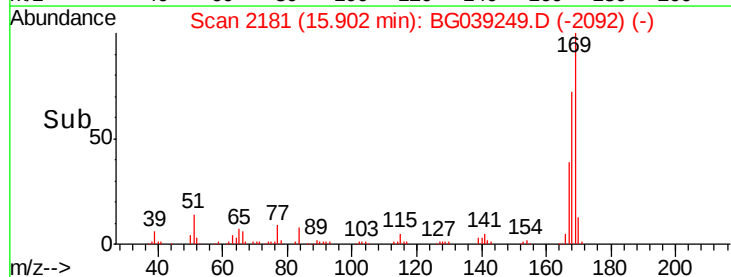
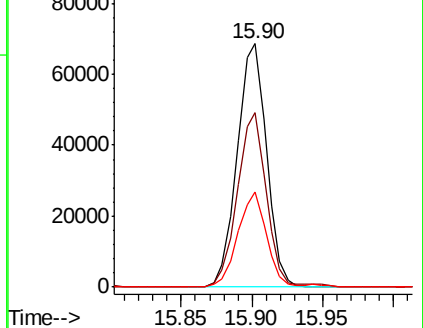
167 39.2 29.1 43.7

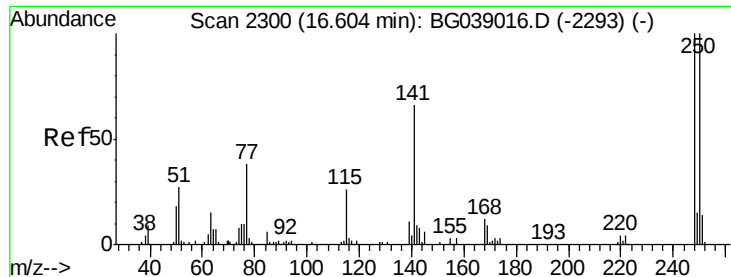


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

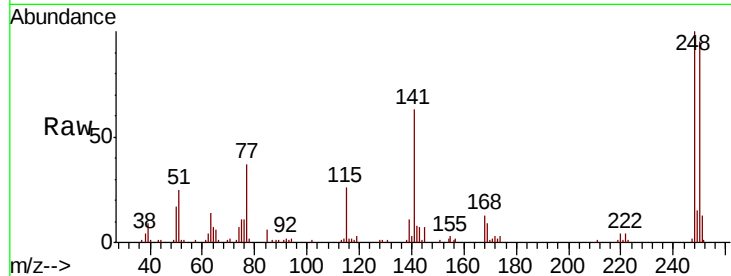




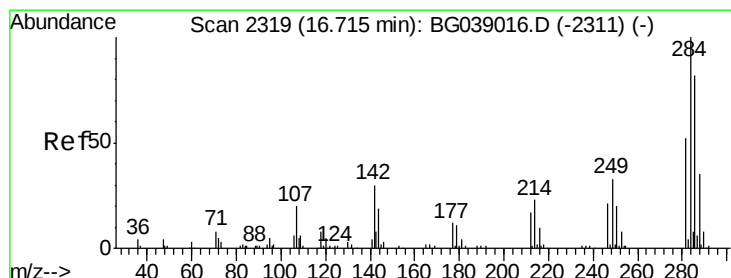
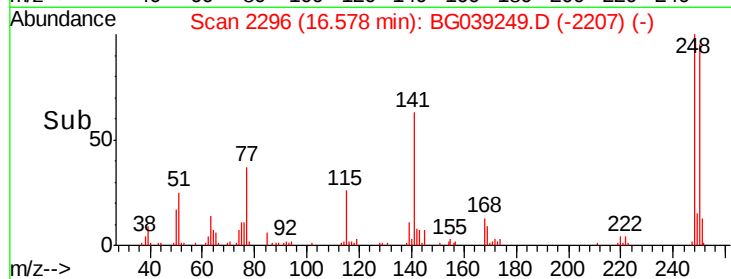
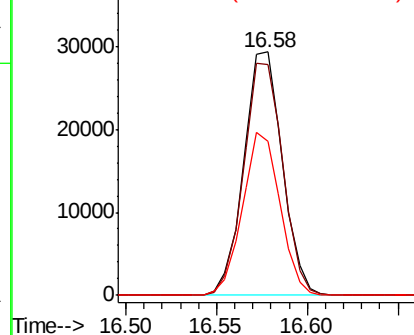
#67
 4-Bromophenyl-phenylether
 Concen: 29.387 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 43478
 Ion Ratio Lower Upper
 248 100
 250 94.8 79.9 119.9
 141 63.5 52.7 79.1

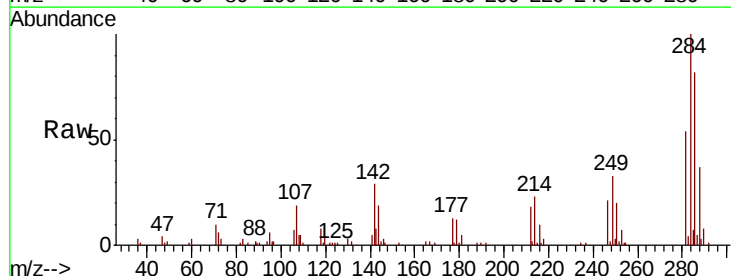


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

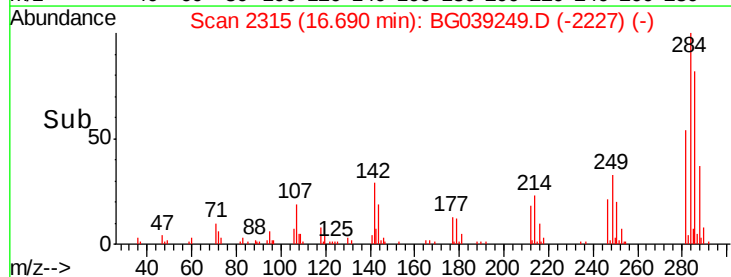
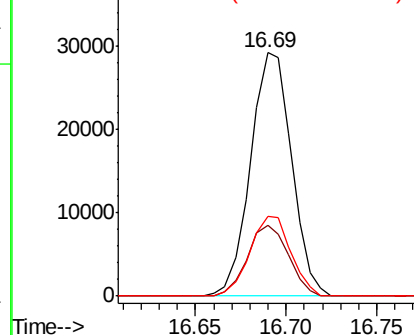


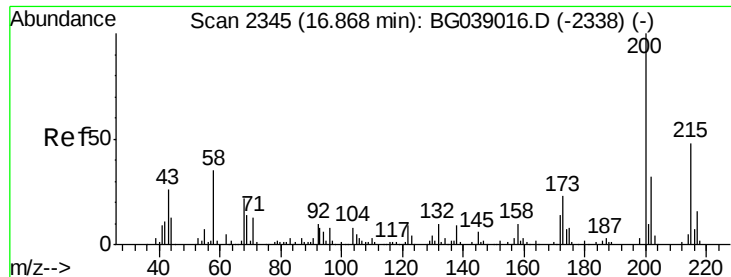
#68
 Hexachlorobenzene
 Concen: 28.423 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.02 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:284 Resp: 45887
 Ion Ratio Lower Upper
 284 100
 142 29.1 24.3 36.5
 249 35.1 27.8 41.8



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

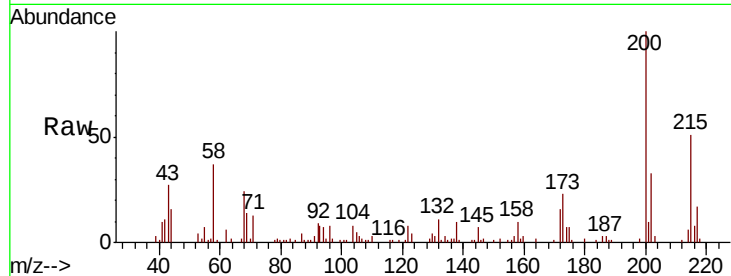




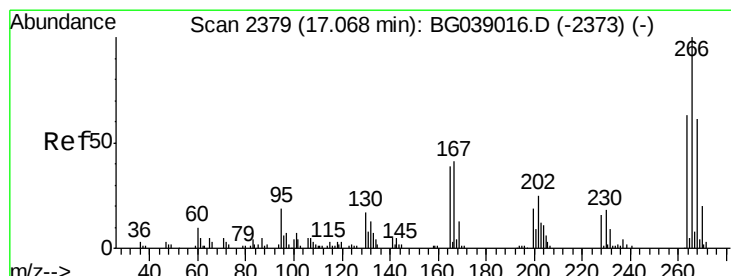
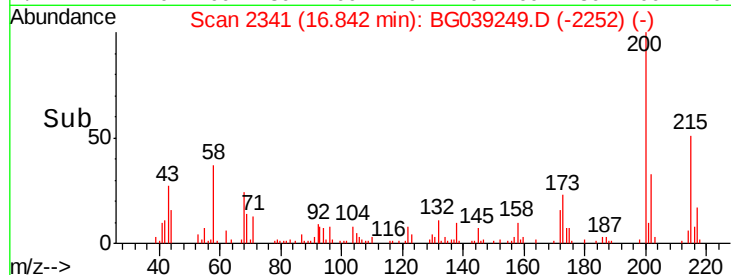
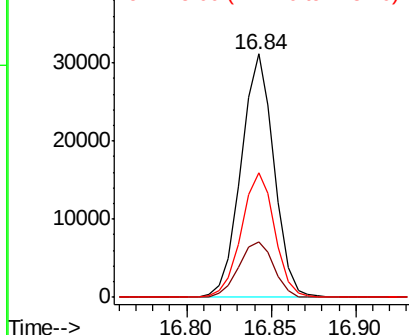
#69
 Atrazine
 Concen: 29.134 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.8	2.6	42.6
215	51.3	28.0	68.0

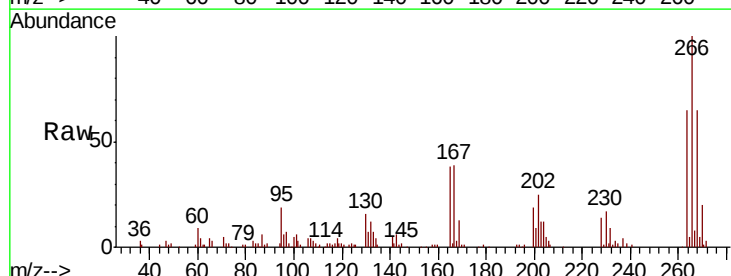


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

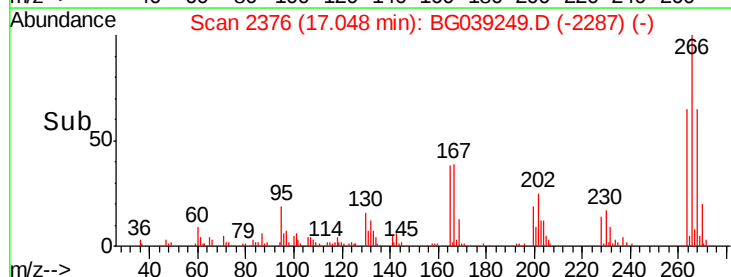
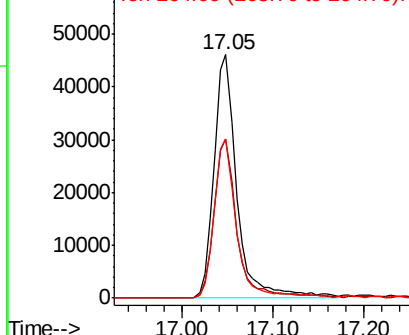


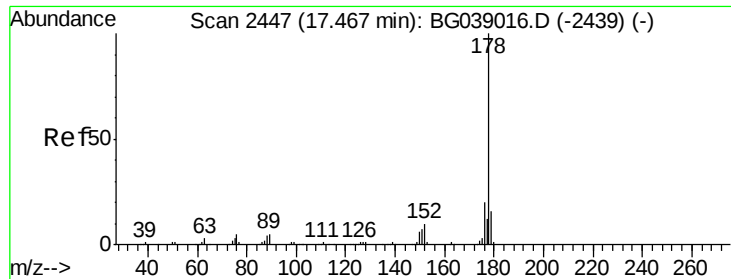
#70
 Pentachlorophenol
 Concen: 80.707 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.8	52.0	78.0
264	70.2	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

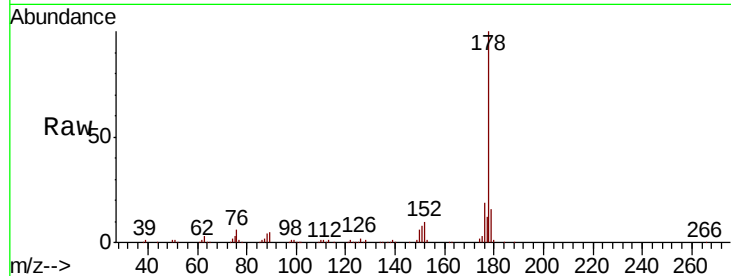




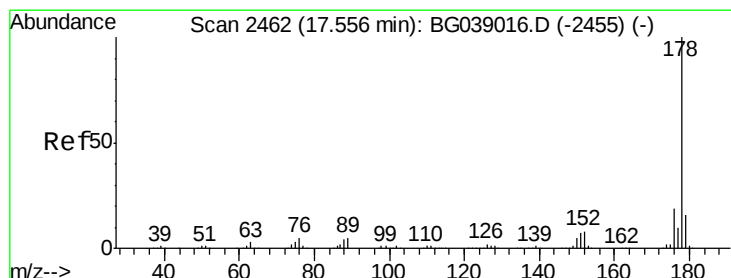
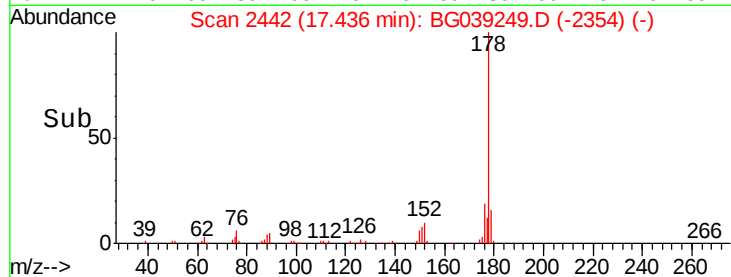
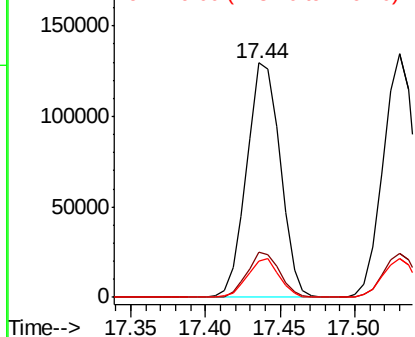
#71
Phenanthrene
Concen: 33.102 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.02 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 201380
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.7 12.9 19.3

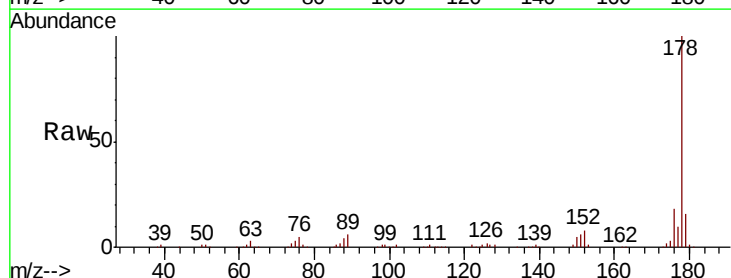


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

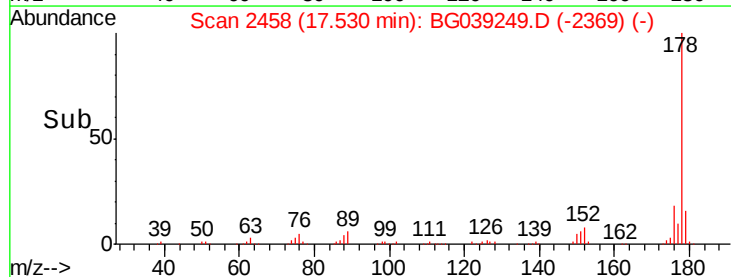
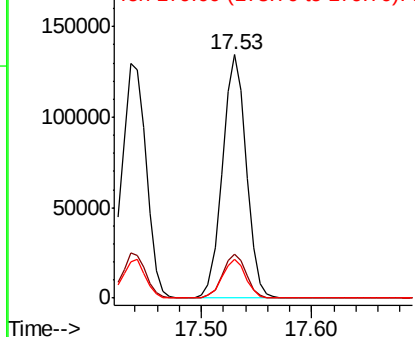


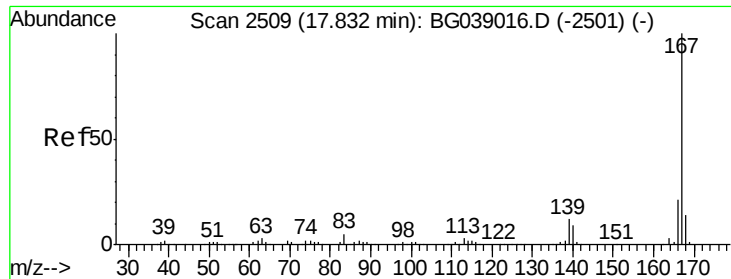
#72
Anthracene
Concen: 33.770 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion:178 Resp: 203130
Ion Ratio Lower Upper
178 100
176 17.9 14.9 22.3
179 16.1 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

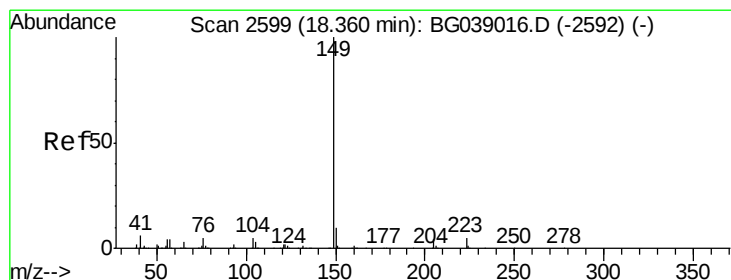
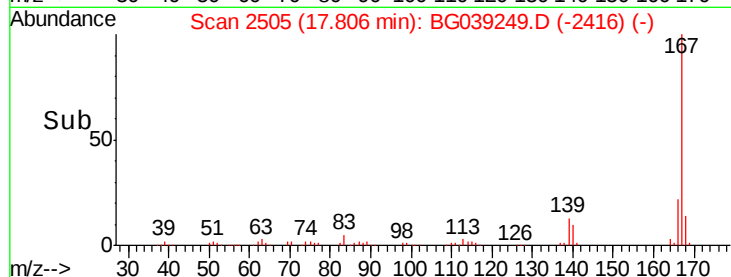
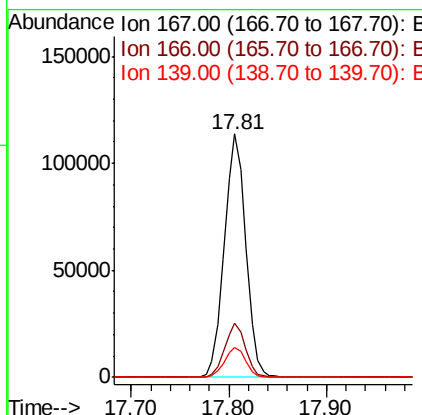
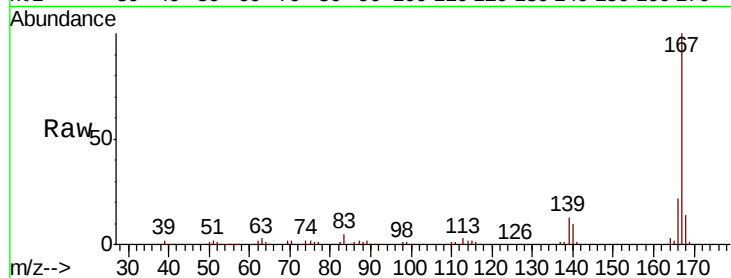




#73
 Carbazole
 Concen: 29.257 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

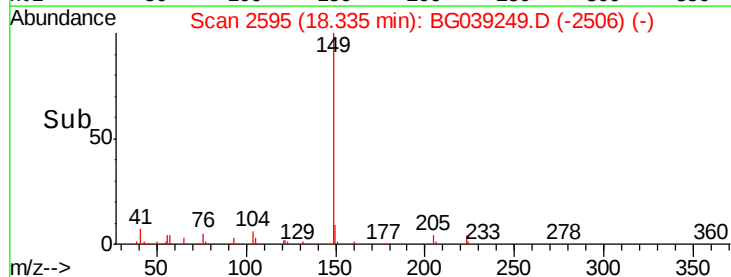
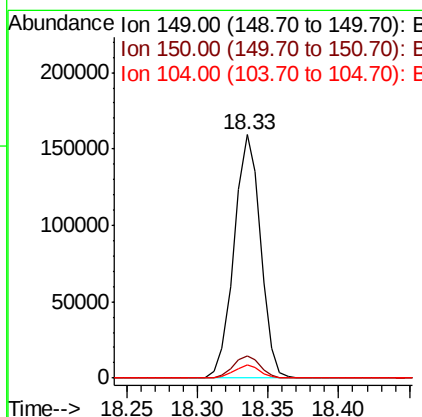
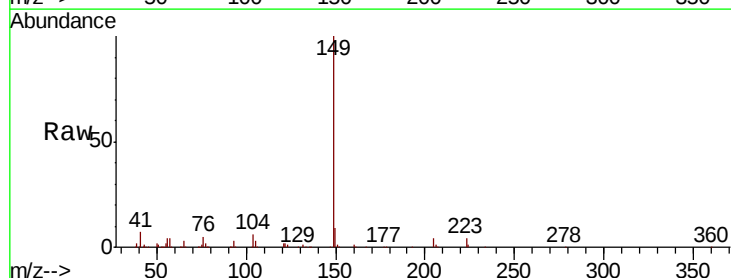
Instrument :
 BNA_F
 ClientSampleId :

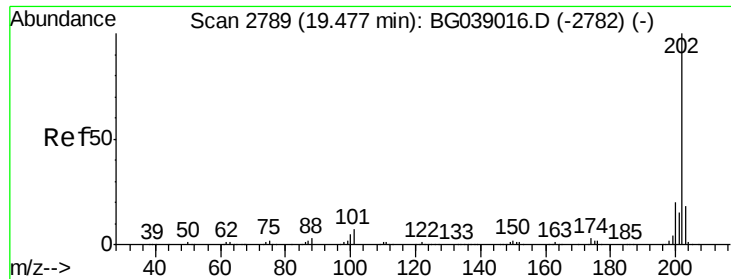
Tot Ion:167 Resp: 173731
 Ion Ratio Lower Upper
 167 100
 166 22.3 16.9 25.3
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 31.471 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:149 Resp: 207891
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.9 11.9
 104 5.6 4.2 6.2

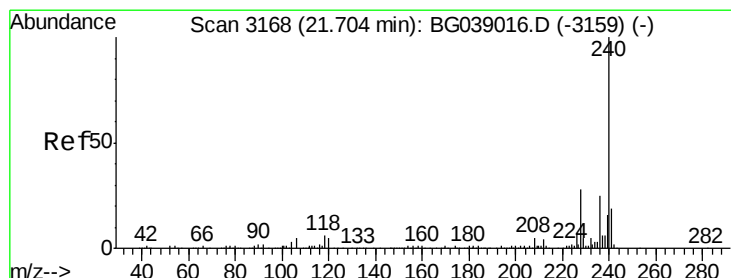
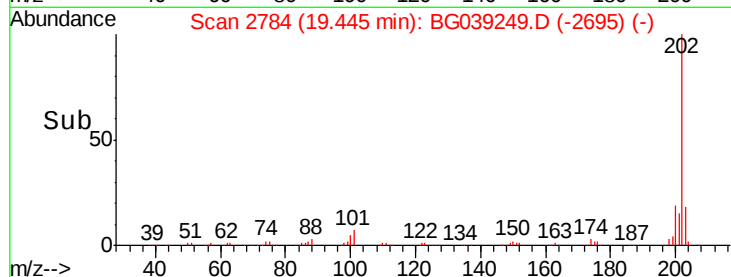
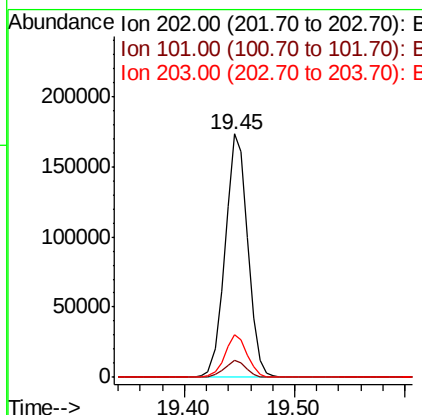
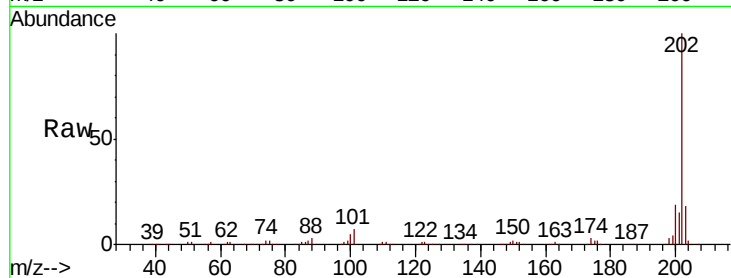




#75
 Fluoranthene
 Concen: 32.872 ng
 RT: 19.45 min Scan# 2784
 Delta R.T. -0.01 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

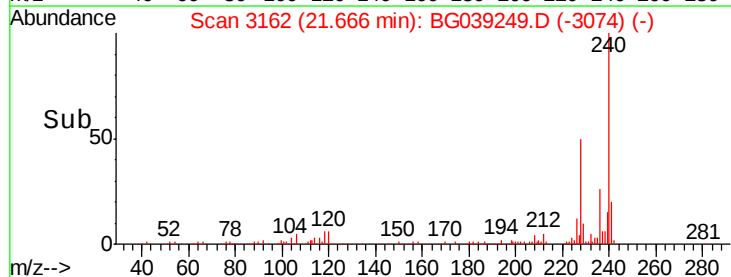
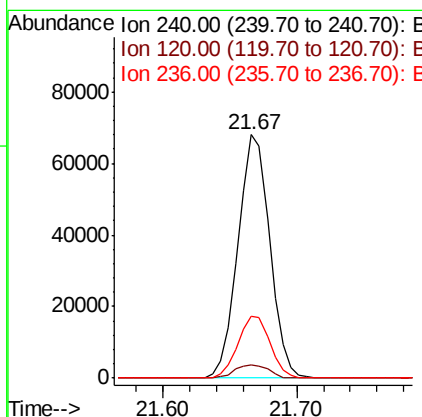
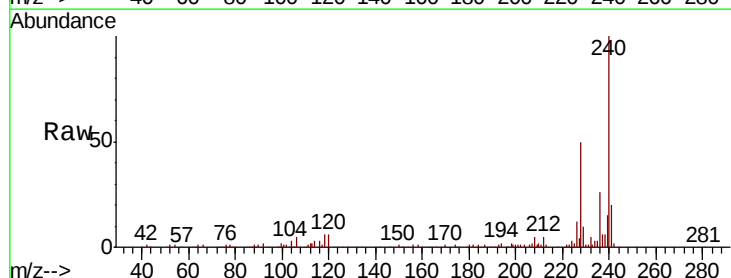
Instrument :
 BNA_F
 ClientSampleId :

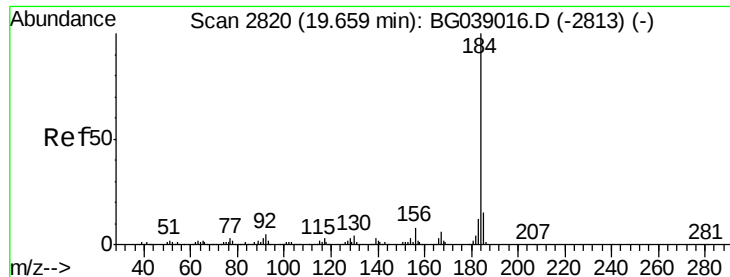
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	26.9
203	17.8	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.3	6.5
236	25.6	20.1	30.1





#77

Benzidine

Concen: 14.475 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

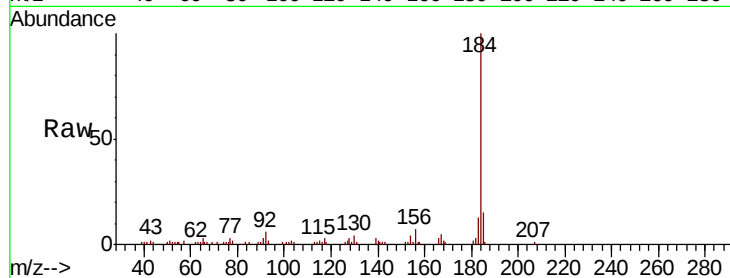
Tot Ion:184 Resp: 49717

Ion Ratio Lower Upper

184 100

185 15.1 12.1 18.1

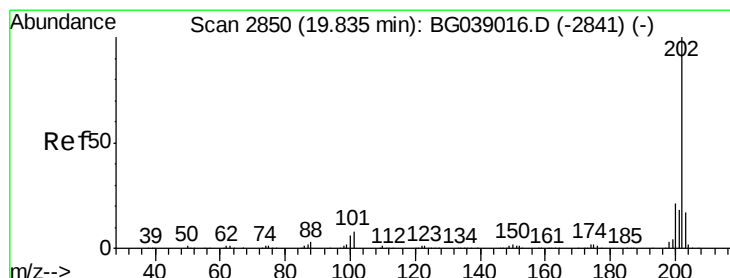
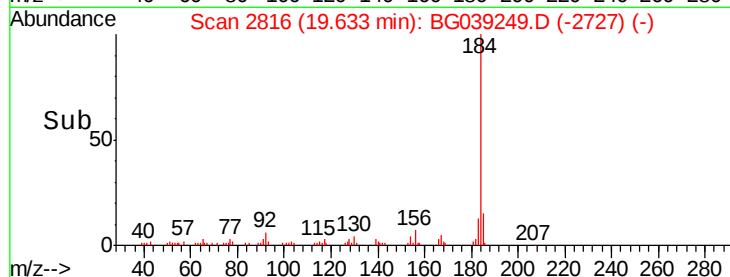
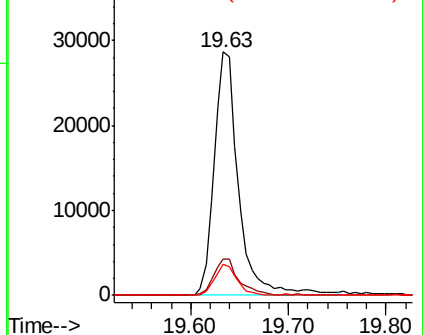
183 12.6 9.5 14.3



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: 35.966 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

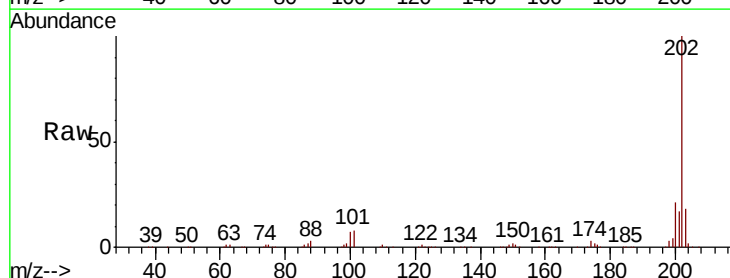
Tgt Ion:202 Resp: 257388

Ion Ratio Lower Upper

202 100

200 20.5 17.0 25.6

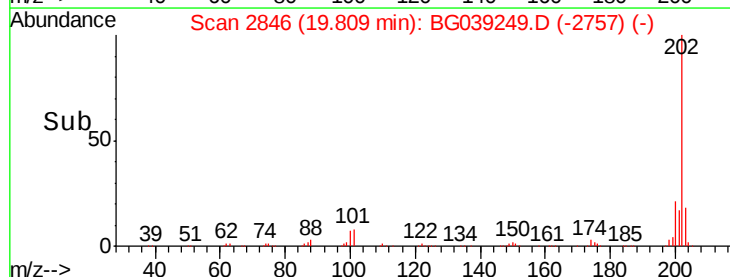
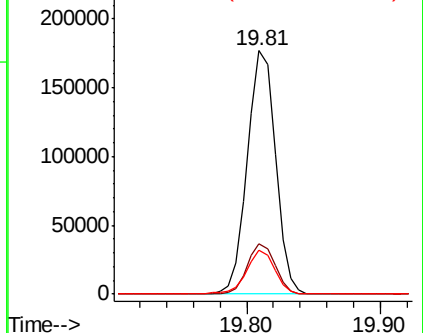
203 18.3 14.0 21.0

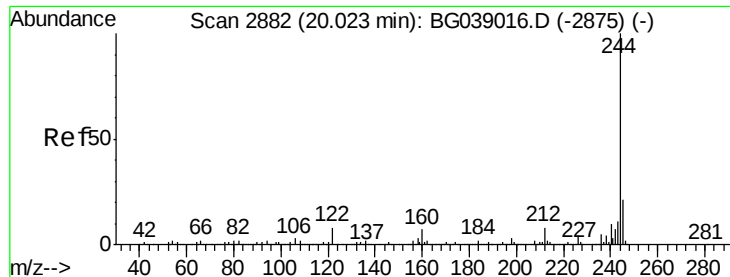


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.499 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

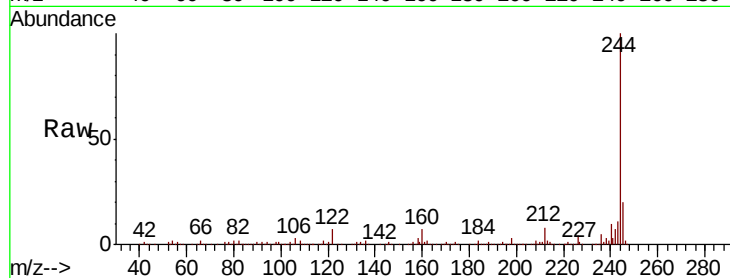
Tot Ion:244 Resp: 409742

Ion Ratio Lower Upper

244 100

212 8.0 6.1 9.1

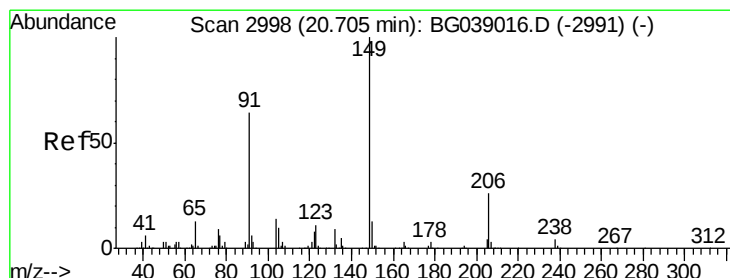
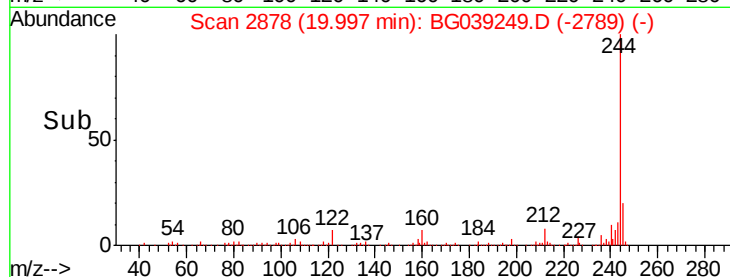
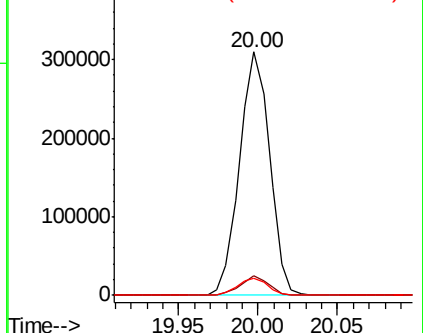
122 6.9 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.632 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

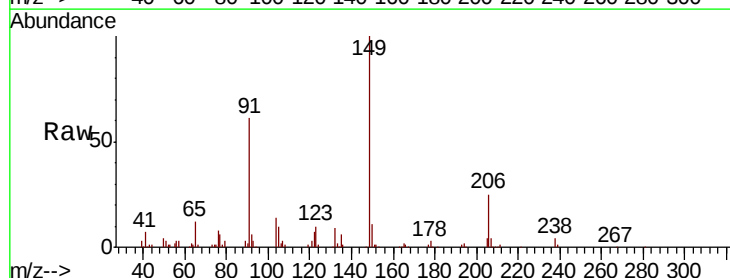
Tgt Ion:149 Resp: 91540

Ion Ratio Lower Upper

149 100

91 60.6 51.4 77.0

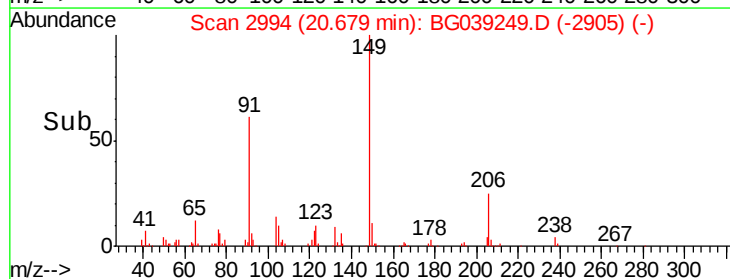
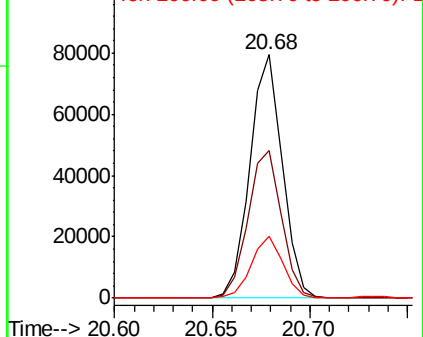
206 25.3 20.4 30.6

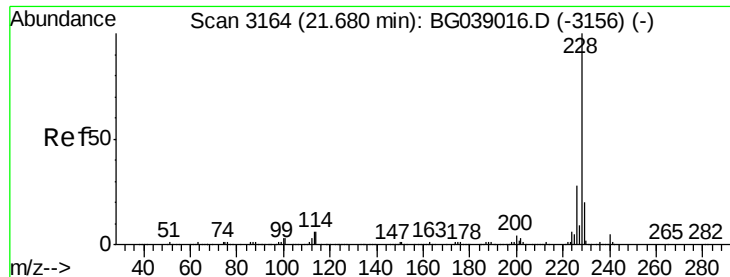


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.447 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

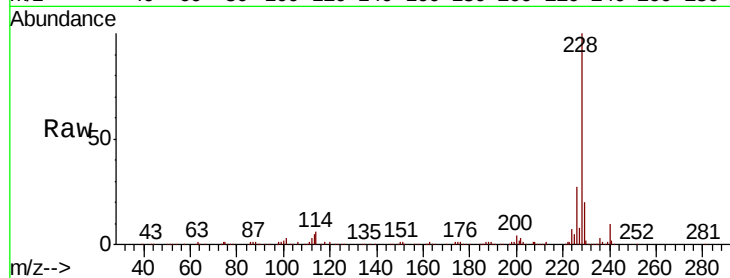
Tot Ion:228 Resp: 242316

Ion Ratio Lower Upper

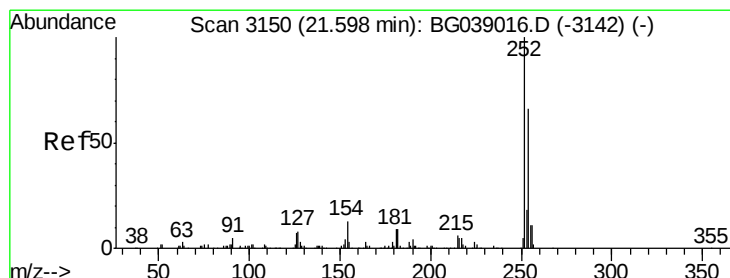
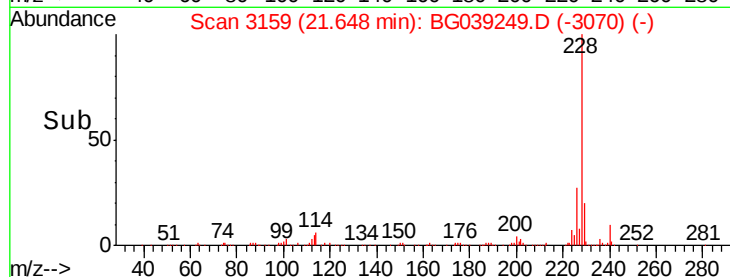
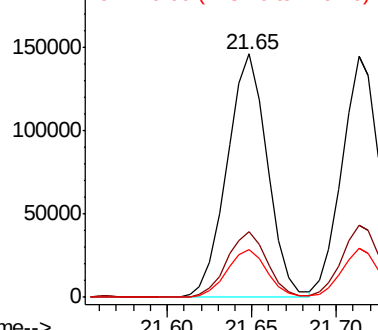
228 100

226 27.1 22.4 33.6

229 19.5 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: 18.707 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

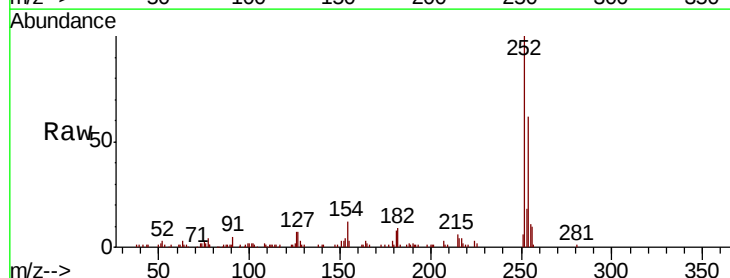
Tgt Ion:252 Resp: 52104

Ion Ratio Lower Upper

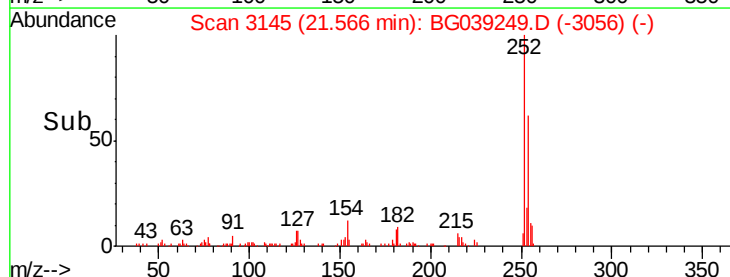
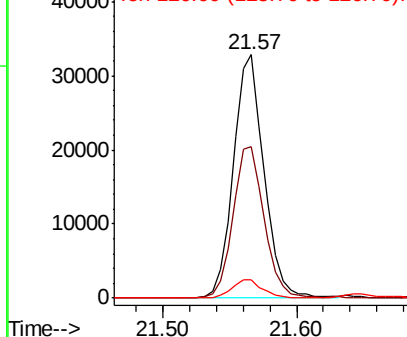
252 100

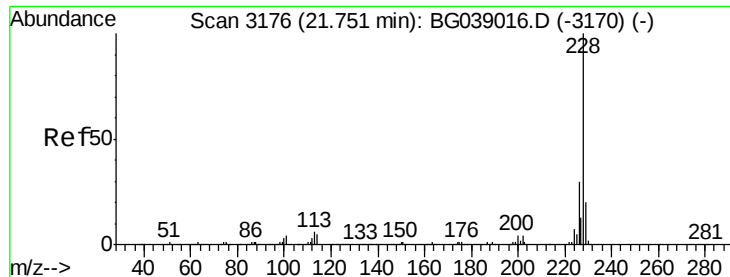
254 62.2 53.0 79.6

126 7.4 6.0 9.0



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

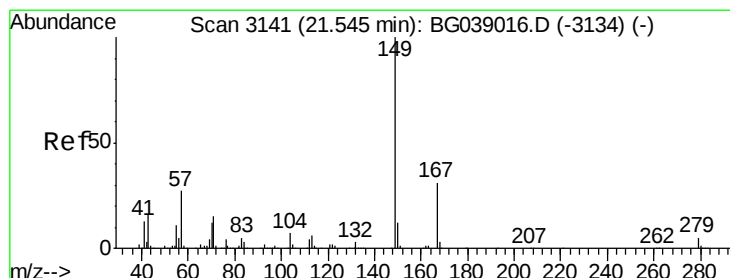
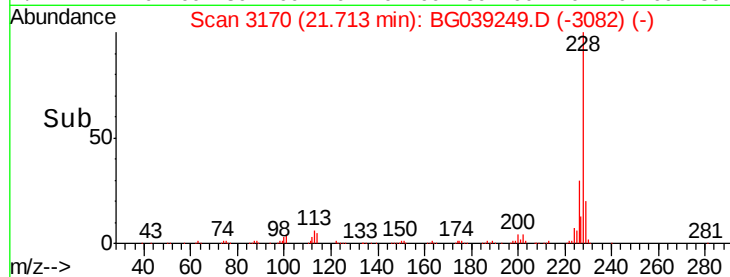
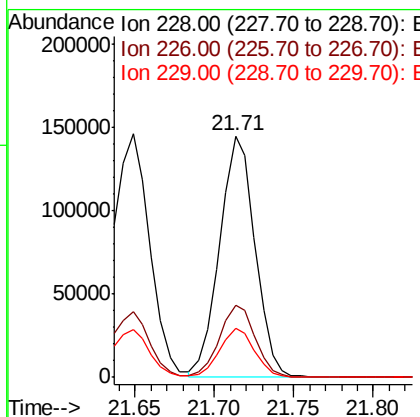
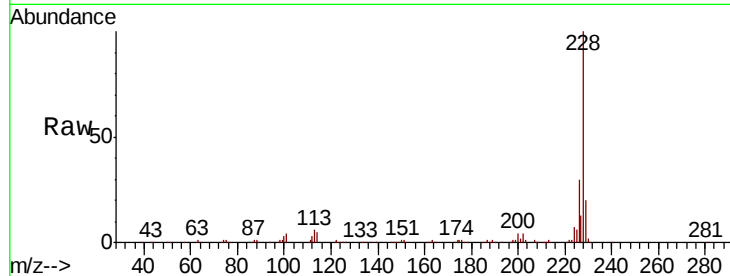




#83
 Chrvsene
 Concen: 34.436 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.02 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

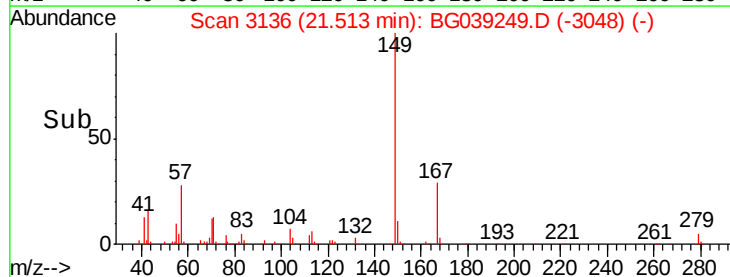
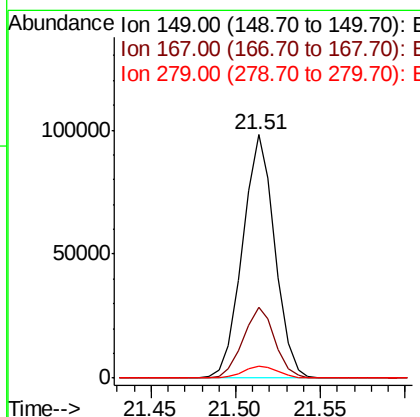
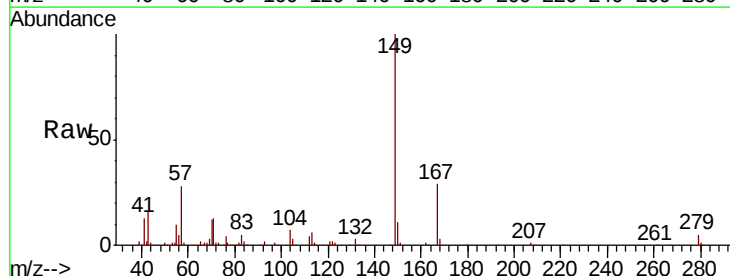
Instrument :
 BNA_F
 ClientSampleId :

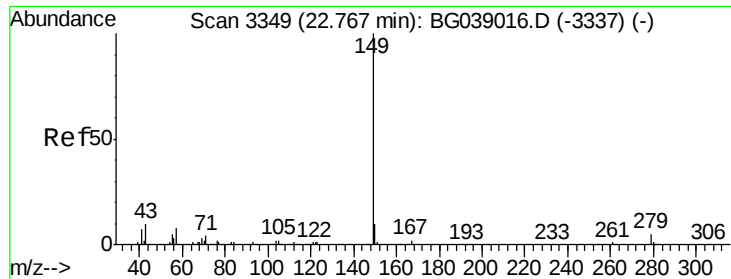
Tot Ion:228 Resp: 223892
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 20.3 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.422 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG039249.D
 Acq: 22 Jan 2019 12:21

Tgt Ion:149 Resp: 130090
 Ion Ratio Lower Upper
 149 100
 167 28.9 25.0 37.4
 279 4.9 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 34.262 ng

RT: 22.72 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

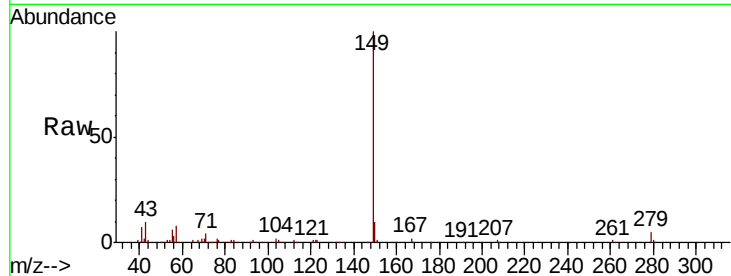
Tot Ion:149 Resp: 218950

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.8 7.5 11.3

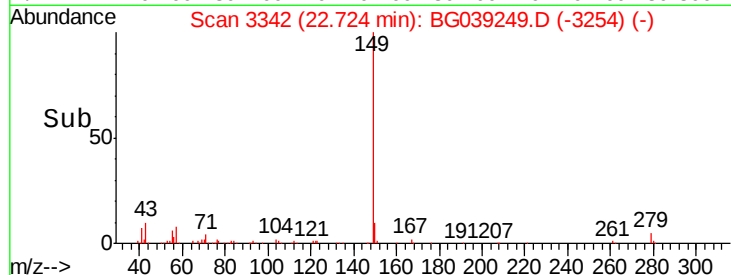


Abundance Ion 149.00 (148.70 to 149.70): E

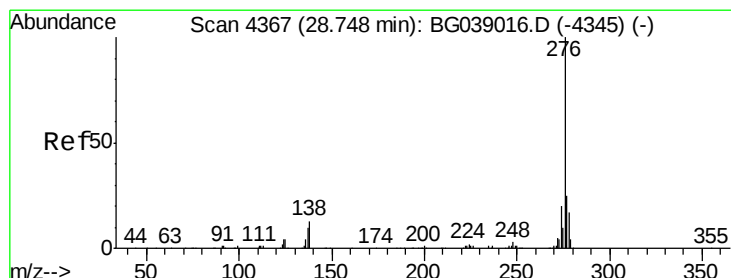
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.72



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.268 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.04 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

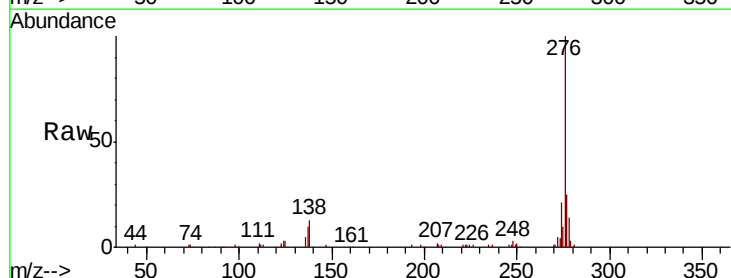
Tgt Ion:276 Resp: 297294

Ion Ratio Lower Upper

276 100

138 16.4 8.0 12.0#

277 25.6 20.3 30.5

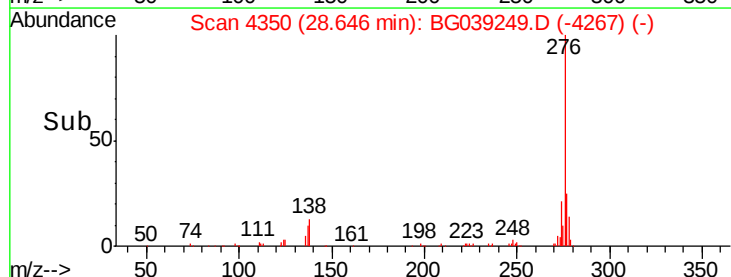


Abundance Ion 276.00 (275.70 to 276.70): E

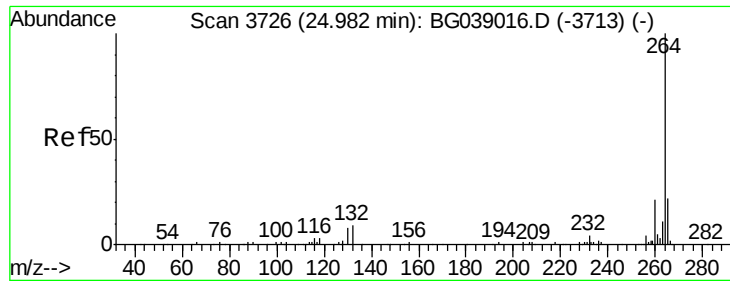
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.65



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

Instrument :

BNA_F

ClientSampleId :

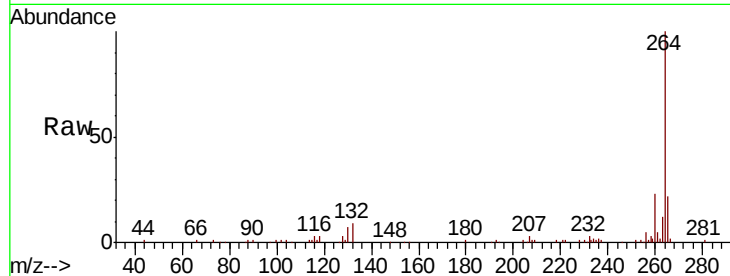
Tot Ion:264 Resp: 117046

Ion Ratio Lower Upper

264 100

260 22.5 17.0 25.6

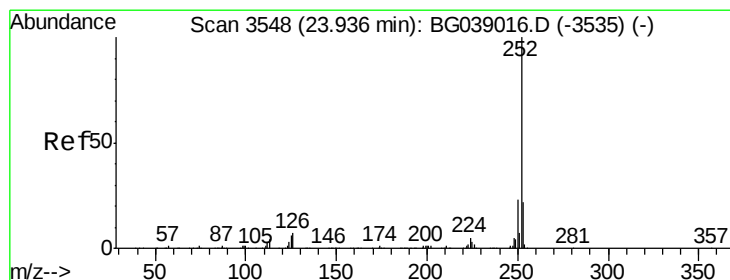
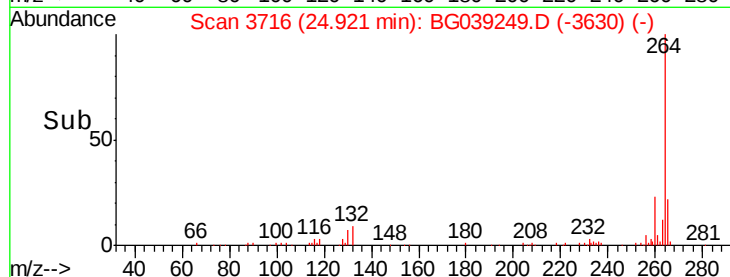
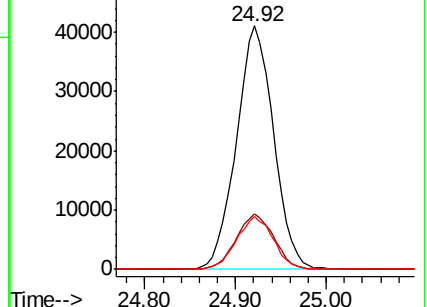
265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.099 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.02 min

Lab File: BG039249.D

Acq: 22 Jan 2019 12:21

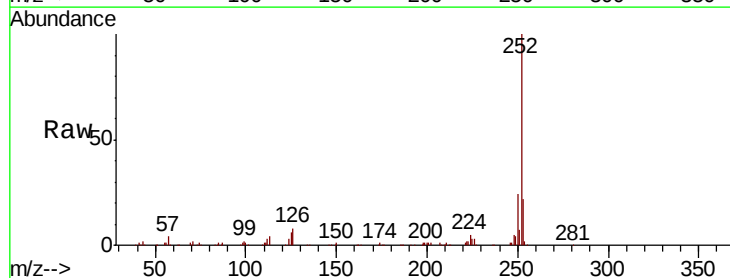
Tgt Ion:252 Resp: 252340

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

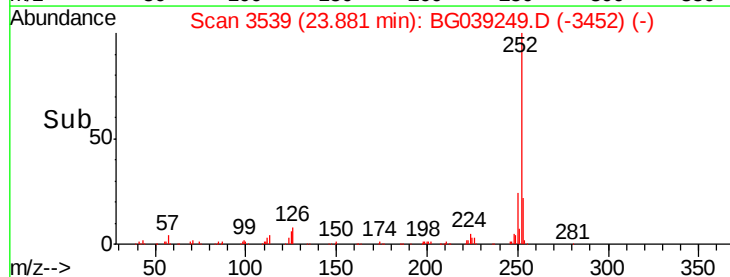
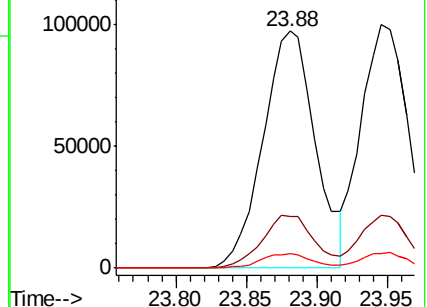
125 6.3 4.9 7.3

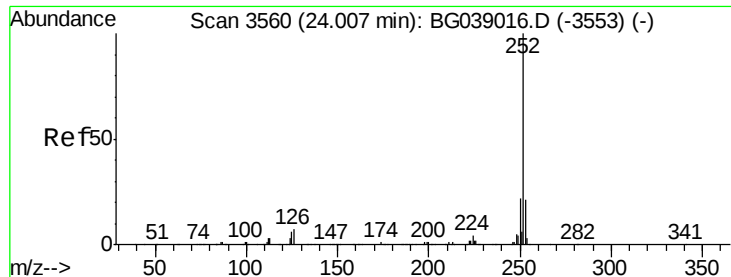


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

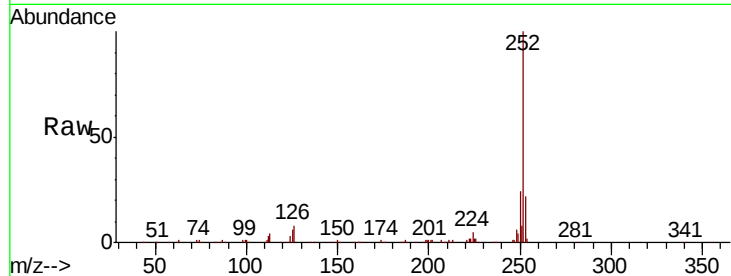




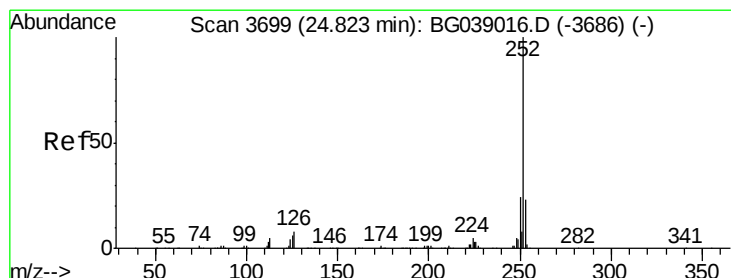
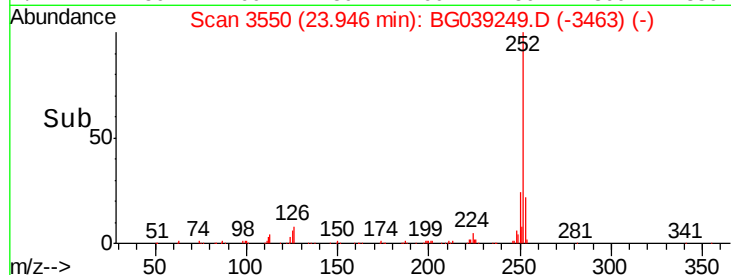
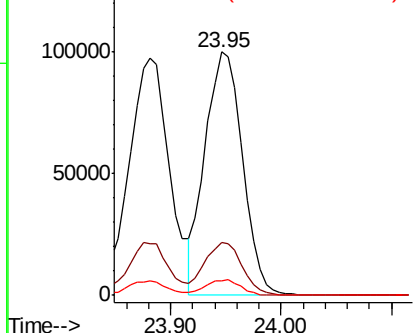
#89
Benzo(k)fluoranthene
Concen: 36.839 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 235072
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 5.8 4.6 7.0

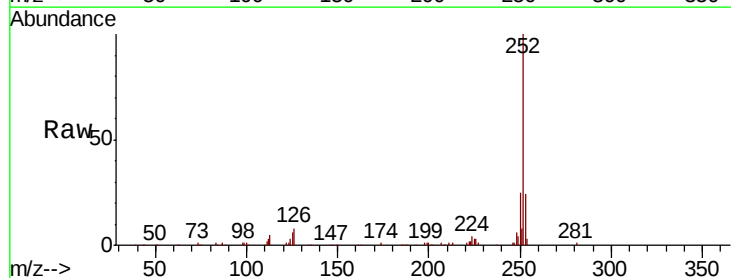


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

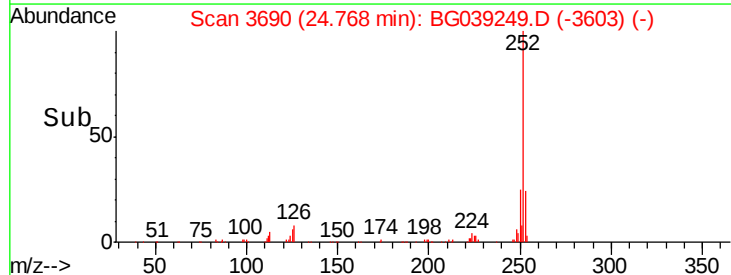
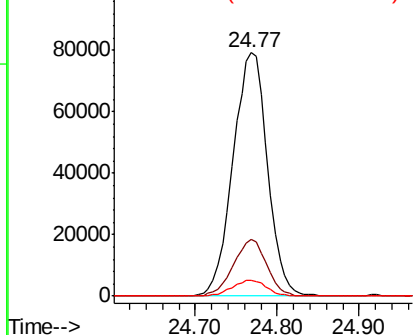


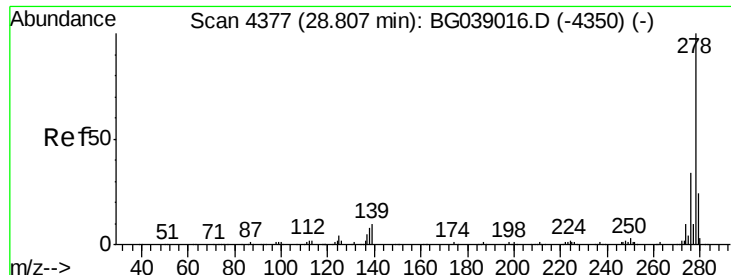
#90
Benzo(a)pyrene
Concen: 37.196 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion:252 Resp: 232033
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 6.5 4.9 7.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

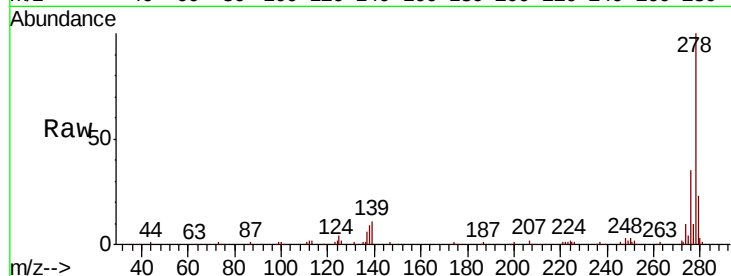




#91
Dibenzo(a,h)anthracene
Concen: 40.266 ng
RT: 28.72 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.9	7.9	11.9
279	22.8	19.3	28.9

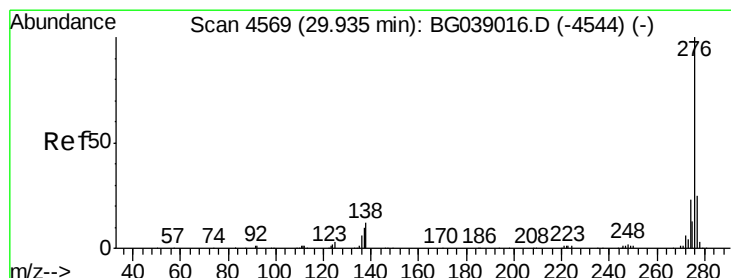
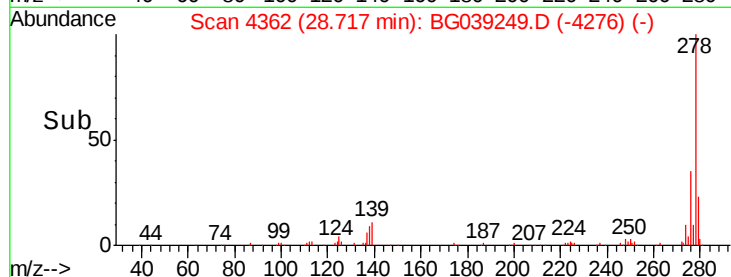
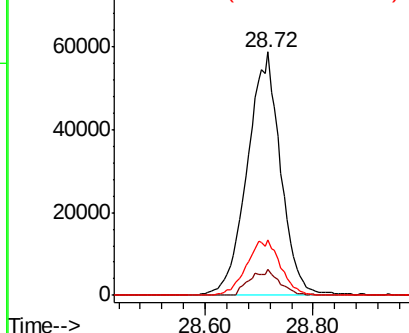


Abundance

Ion 278.00 (277.70 to 278.70): E

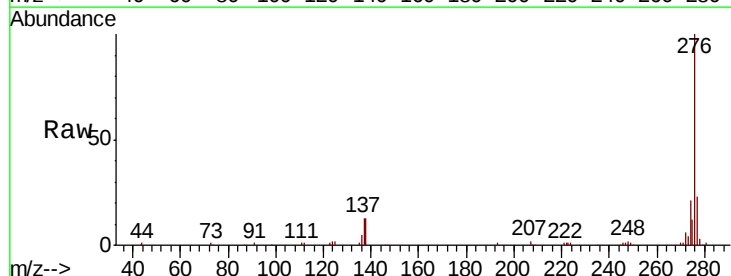
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.063 ng
RT: 29.82 min Scan# 4550
Delta R.T. -0.05 min
Lab File: BG039249.D
Acq: 22 Jan 2019 12:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	20.3	30.5
138	13.1	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

