

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096586.D
 Acq On : 8 Jul 2017 3:52
 Operator : SJ/MA
 Sample : I4075-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 04:54:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92136	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	329910	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	131328	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	219785	20.00	ng	0.00
75) Chrysene-d12	13.84	240	174644	20.00	ng	0.00
86) Perylene-d12	15.24	264	137322	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	641814	102.82	ng	0.00
7) Phenol-d6	6.35	99	819431	106.78	ng	0.00
23) Nitrobenzene-d5	7.26	82	452864	82.49	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	127354	124.15	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	640339	83.37	ng	0.00
78) Terphenyl-d14	12.79	244	500504	61.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	87695	29.63	ng	# 77
3) Pyridine	3.07	79	244221	30.07	ng	# 67
4) n-Nitrosodimethylamine	3.00	42	140034	34.93	ng	# 83
6) Aniline	6.36	93	243011	24.50	ng	# 1
8) 2-Chlorophenol	6.49	128	230544	34.63	ng	# 97
9) Benzaldehyde	6.25	77	154045	32.07	ng	# 97
10) Phenol	6.36	94	318511	36.43	ng	# 83
11) bis(2-Chloroethyl)ether	6.44	93	239457	35.44	ng	# 96
12) 1,3-Dichlorobenzene	6.64	146	254472	36.46	ng	# 98
13) 1,4-Dichlorobenzene	6.72	146	257991	36.98	ng	# 96
14) 1,2-Dichlorobenzene	6.87	146	223835	34.94	ng	# 98
15) Benzyl Alcohol	6.84	79	175945	34.30	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	451454	32.87	ng	# 91
17) 2-Methylphenol	6.96	107	175098	33.01	ng	# 97
18) Hexachloroethane	7.22	117	59705	23.61	ng	# 85
19) n-Nitroso-di-n-propylamine	7.12	70	144216	31.54	ng	# 86
20) 3+4-Methylphenols	7.12	107	208339	35.21	ng	# 84
22) Acetophenone	7.11	105	283420	39.32	ng	# 95
24) Nitrobenzene	7.28	77	226018	39.24	ng	# 93
25) Isophorone	7.52	82	423095	39.75	ng	# 97
26) 2-Nitrophenol	7.60	139	106115	34.81	ng	# 90
27) 2,4-Dimethylphenol	7.65	122	206801	39.84	ng	# 95
28) bis(2-Chloroethoxy)methane	7.73	93	294309	41.88	ng	# 98
29) 2,4-Dichlorophenol	7.85	162	184902	41.29	ng	# 98
30) 1,2,4-Trichlorobenzene	7.93	180	159349	37.72	ng	# 99
31) Naphthalene	8.00	128	581534	37.34	ng	# 100
32) Benzoic acid	7.72	122	24268	5.57	ng	# 91
33) 4-Chloroaniline	8.05	127	113791	17.59	ng	# 95
34) Hexachlorobutadiene	8.13	225	82800	38.21	ng	# 96
35) Caprolactam	8.40	113	48394	31.34	ng	# 59
36) 4-Chloro-3-methylphenol	8.54	107	167047	33.71	ng	# 87
37) 2-Methylnaphthalene	8.70	142	373897	37.71	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	134624	39.48	ng	# 99
40) Hexachlorocyclopentadiene	8.85	237	26057	15.72	ng	# 97

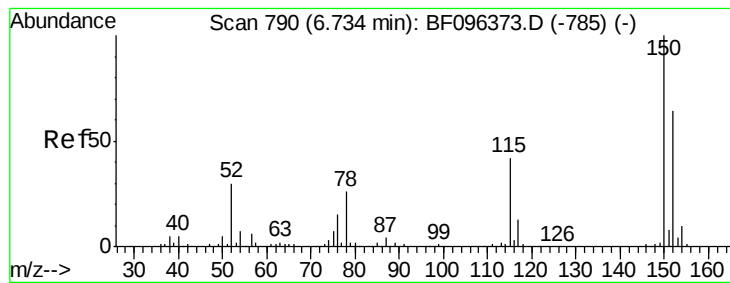
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	99149	36.76	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	102338	38.37	nq	97
45) 1,1'-Biphenyl	9.16	154	416716	37.03	nq	97
46) 2-Chloronaphthalene	9.18	162	317538	37.87	nq	93
47) 2-Nitroaniline	9.27	65	118998	39.00	nq	91
48) Acenaphthylene	9.59	152	488975	36.80	nq	99
49) Dimethylphthalate	9.46	163	495240	50.52	nq	100
50) 2,6-Dinitrotoluene	9.52	165	71153	32.82	nq	# 85
51) Acenaphthene	9.77	154	283784	34.65	nq	98
52) 3-Nitroaniline	9.68	138	94613	34.99	nq	94
53) 2,4-Dinitrophenol	9.79	184	7383	6.41	nq	# 74
54) Dibenzofuran	9.94	168	435013	40.23	nq	98
55) 4-Nitrophenol	9.85	139	132992	59.34	nq	# 66
56) 2,4-Dinitrotoluene	9.92	165	86639	31.56	nq	# 89
57) Fluorene	10.28	166	315259	41.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	77939	42.24	nq	# 97
59) Diethylphthalate	10.16	149	362309	39.10	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	132562	39.89	nq	93
61) 4-Nitroaniline	10.29	138	96614	39.29	nq	90
62) Azobenzene	10.43	77	319005	35.60	nq	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	10717	7.07	nq	87
65) n-Nitrosodiphenylamine	10.39	169	286626	37.17	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	81722	38.20	nq	94
67) Hexachlorobenzene	10.83	284	87093	37.19	nq	95
68) Atrazine	10.92	200	81947	37.20	nq	95
69) Pentachlorophenol	11.02	266	89551	64.51	nq	95
70) Phenanthrene	11.24	178	454341	38.24	nq	98
71) Anthracene	11.29	178	471031	38.90	nq	98
72) Carbazole	11.44	167	463249	38.05	nq	98
73) Di-n-butylphthalate	11.78	149	555876	37.69	nq	99
74) Fluoranthene	12.42	202	472894	40.60	nq	100
76) Benzidine	12.54	184	428918	51.18	nq	# 93
77) Pyrene	12.64	202	488803	34.87	nq	99
79) Butylbenzylphthalate	13.27	149	264367	37.25	nq	89
80) Benzo(a)anthracene	13.83	228	379704	37.54	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	157951	38.03	nq	# 96
82) Chrysene	13.87	228	388282	36.66	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	343465	43.36	nq	# 99
84) Di-n-octyl phthalate	14.44	149	626352	40.15	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.60	276	253138	30.28	nq	98
87) Benzo(b)fluoranthene	14.85	252	326017	37.89	nq	98
88) Benzo(k)fluoranthene	14.87	252	296396	38.51	nq	97
89) Benzo(a)pyrene	15.19	252	288004	37.49	nq	99
90) Dibenzo(a,h)anthracene	16.61	278	213681	35.36	nq	96
91) Benzo(g,h,i)perylene	17.00	276	208711	33.33	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampled :

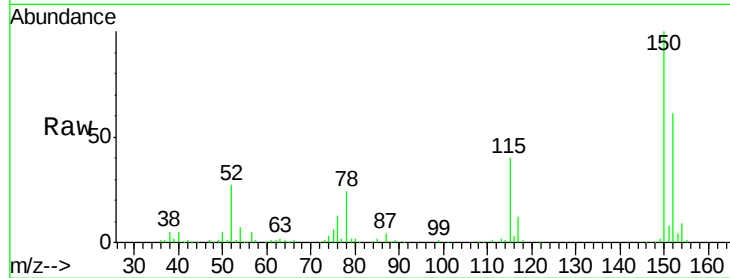
Tot Ion:152 Resp: 92136

Ion Ratio Lower Upper

152 100

150 162.7 126.2 189.2

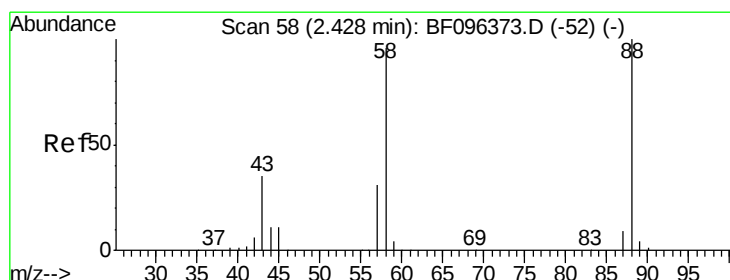
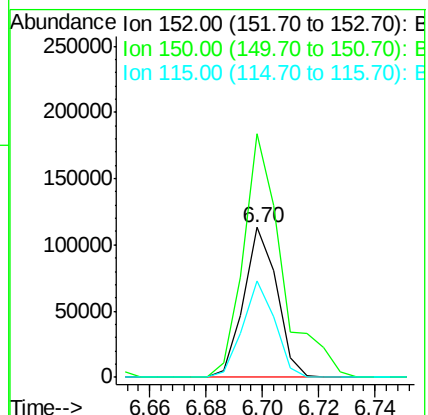
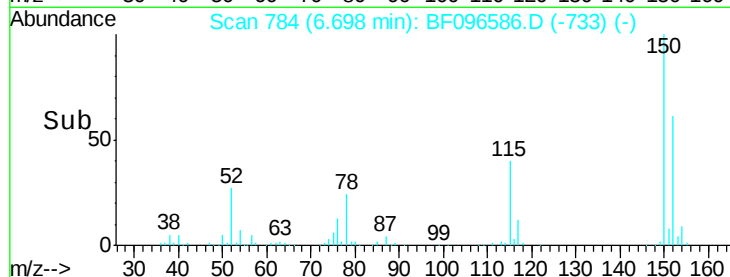
115 64.4 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.63 ng

RT: 2.37 min Scan# 49

Delta R.T. 0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

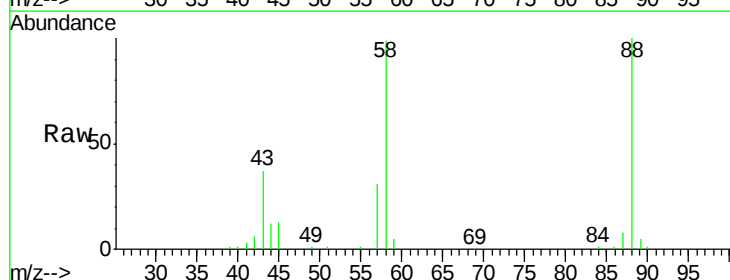
Tgt Ion: 88 Resp: 87695

Ion Ratio Lower Upper

88 100

58 98.3 61.4 92.0#

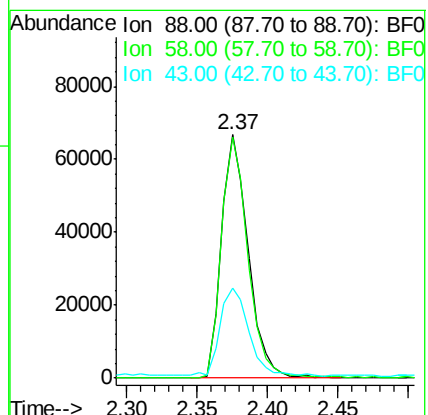
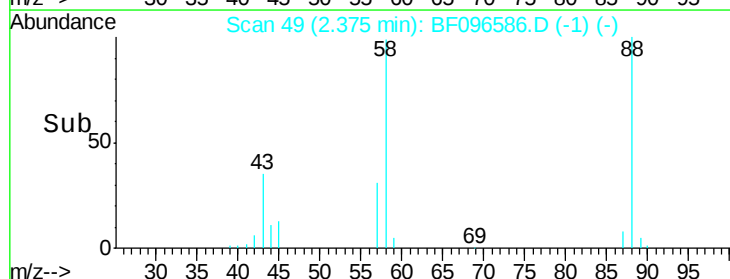
43 39.6 23.4 35.0#

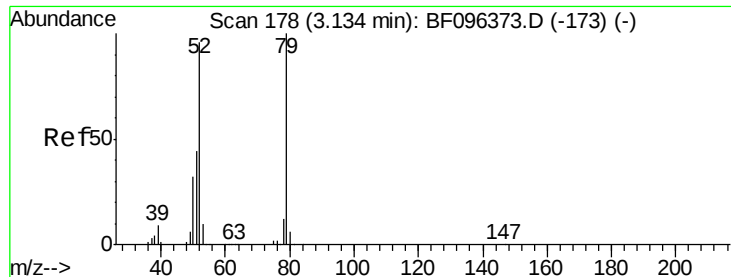


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.07 ng

RT: 3.07 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampled :

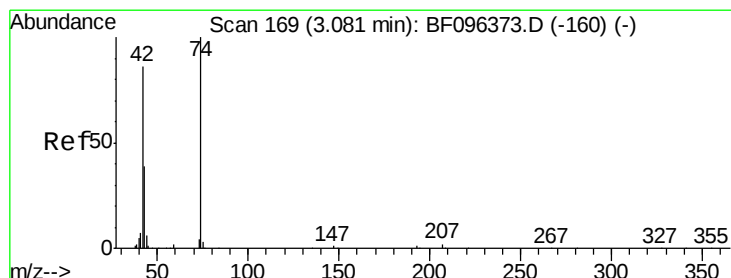
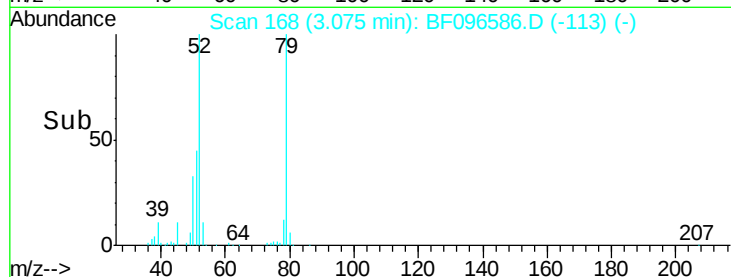
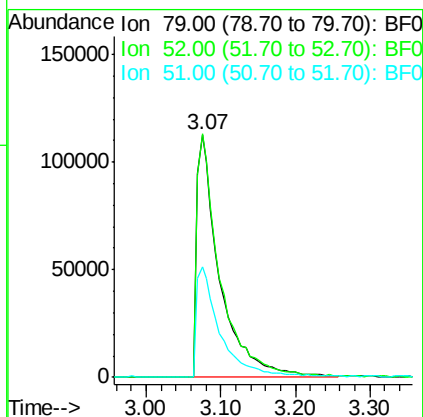
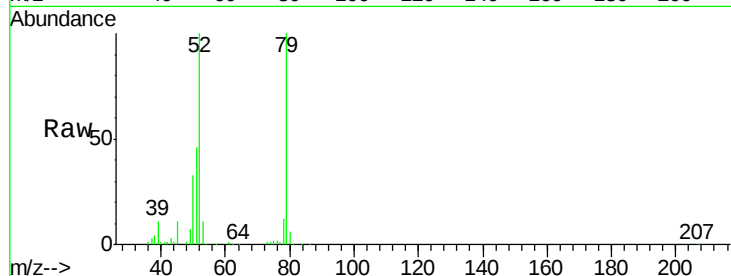
Tot Ion: 79 Resp: 244221

Ion Ratio Lower Upper

79 100

52 100.5 54.8 82.2#

51 45.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 34.93 ng

RT: 3.00 min Scan# 156

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

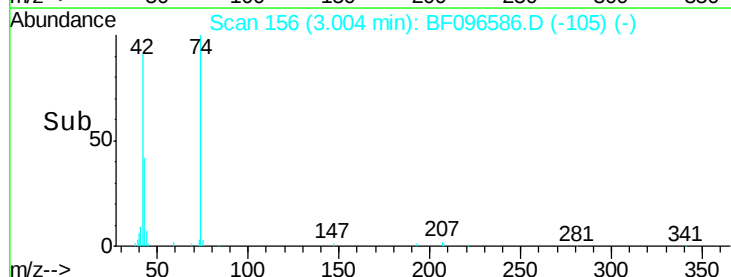
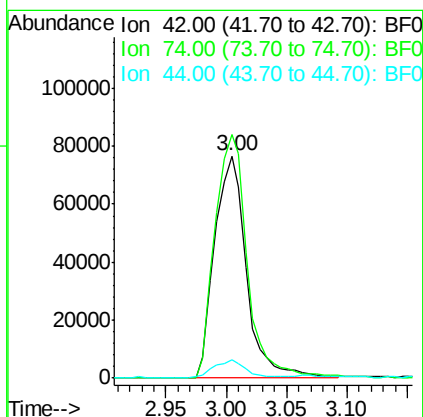
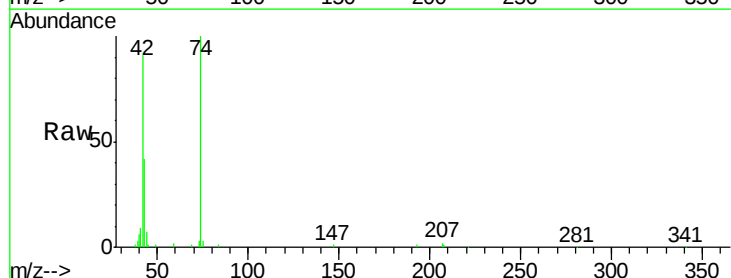
Tgt Ion: 42 Resp: 140034

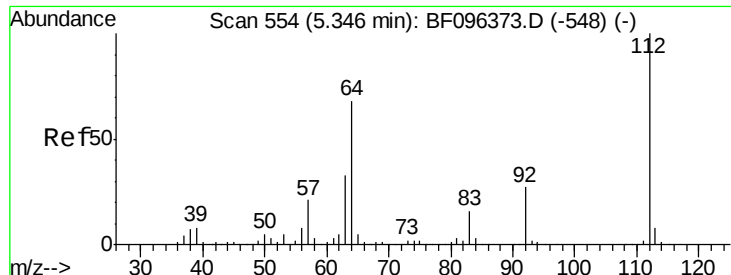
Ion Ratio Lower Upper

42 100

74 109.5 103.9 155.9

44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 102.82 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF096586.D

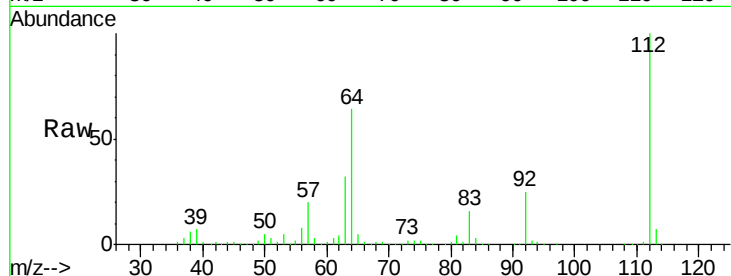
Acq: 8 Jul 2017 3:52

Instrument :

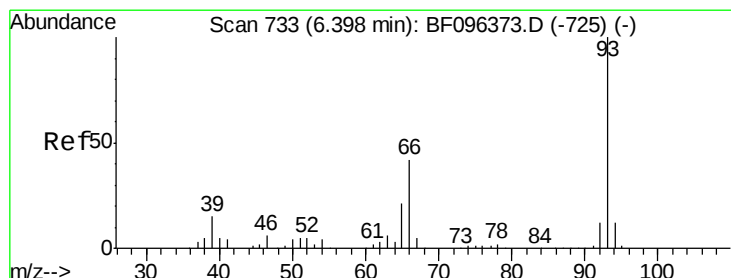
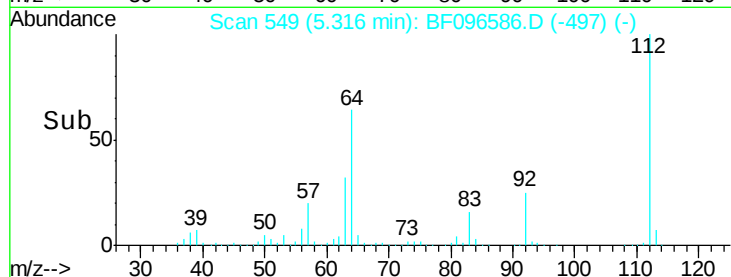
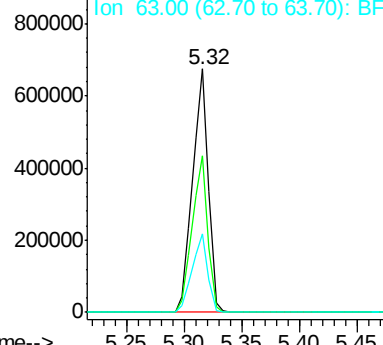
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	641814
Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	32.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 24.50 ng

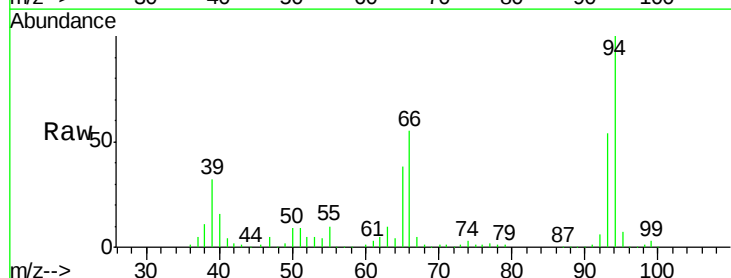
RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

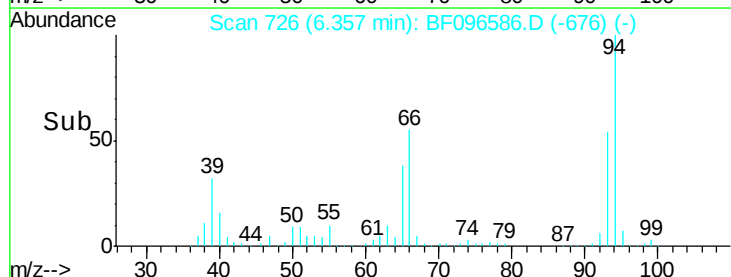
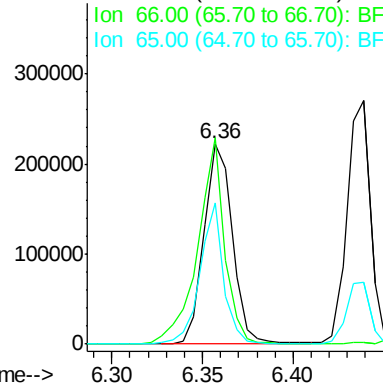
Lab File: BF096586.D

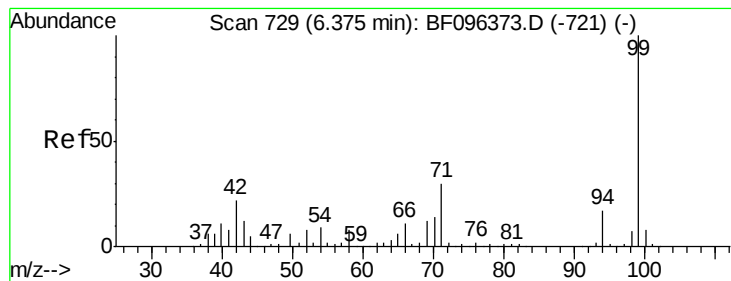
Acq: 8 Jul 2017 3:52

Tgt Ion:	93	Resp:	243011
Ion	Ratio	Lower	Upper
93	100		
66	103.0	32.9	49.3#
65	70.6	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 106.78 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

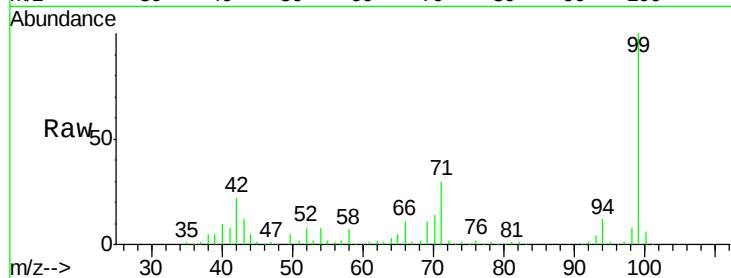
Tot Ion: 99 Resp: 819431

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

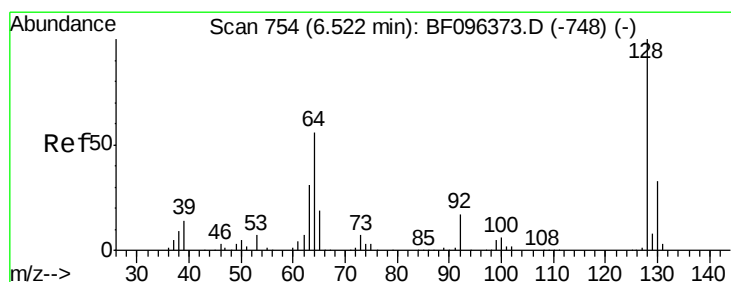
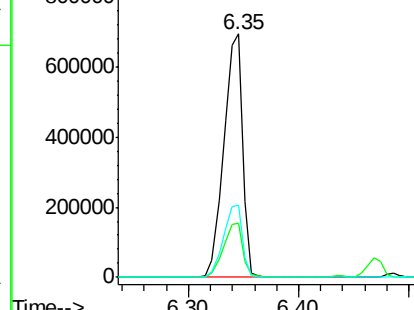
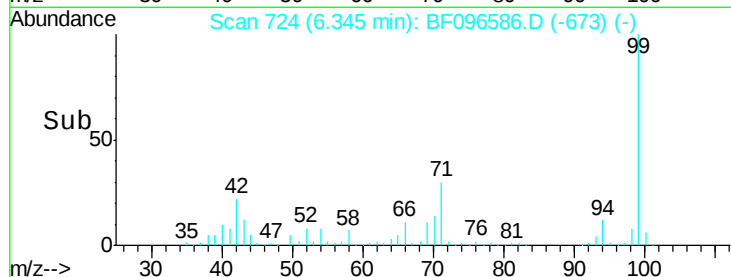
71 29.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.63 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

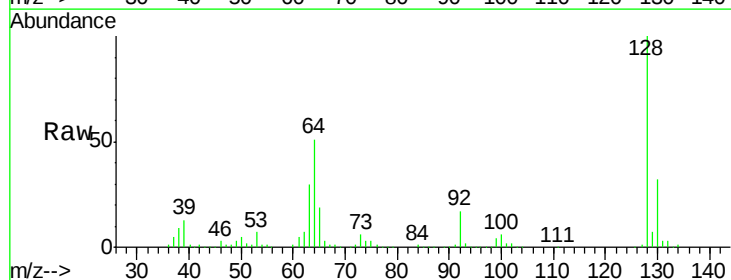
Tgt Ion: 128 Resp: 230544

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

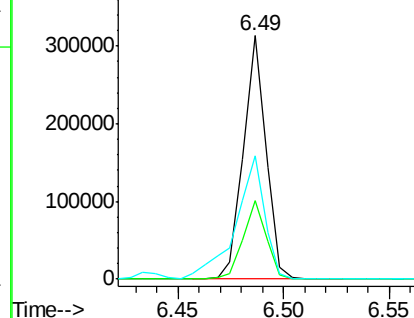
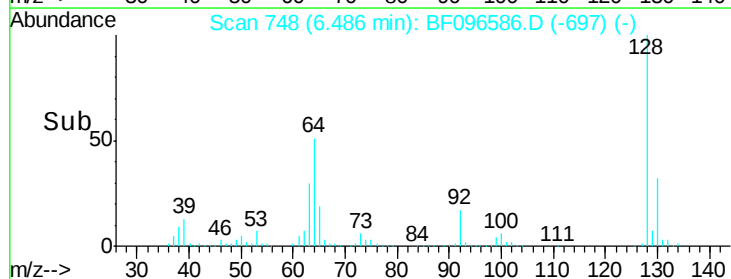
64 50.9 28.4 68.4

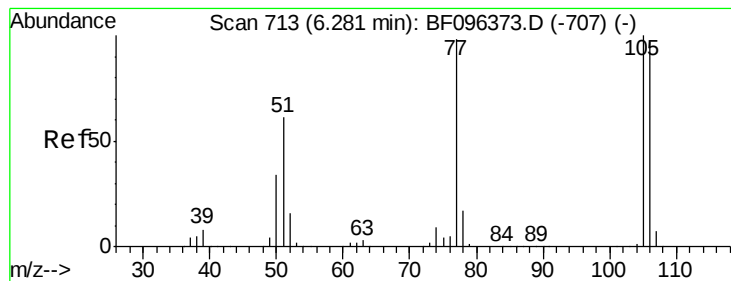


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.07 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

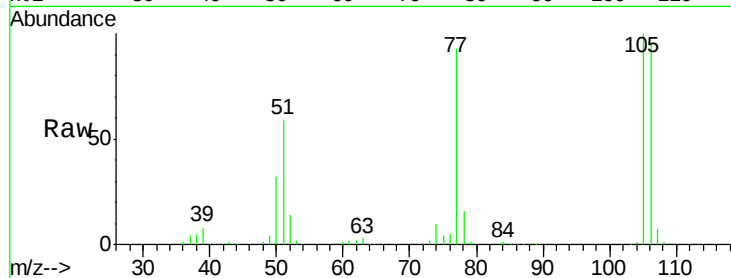
Tot Ion: 77 Resp: 154045

Ion Ratio Lower Upper

77 100

105 107.0 83.8 123.8

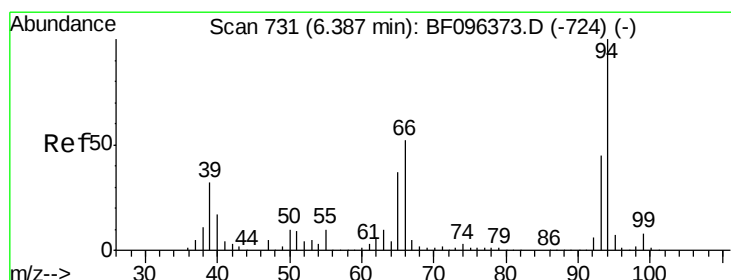
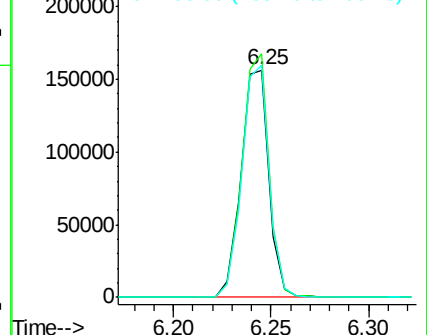
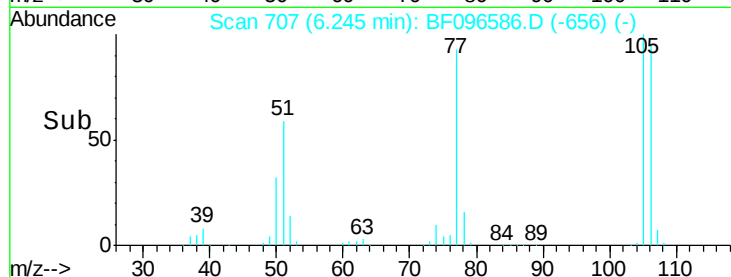
106 101.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.43 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

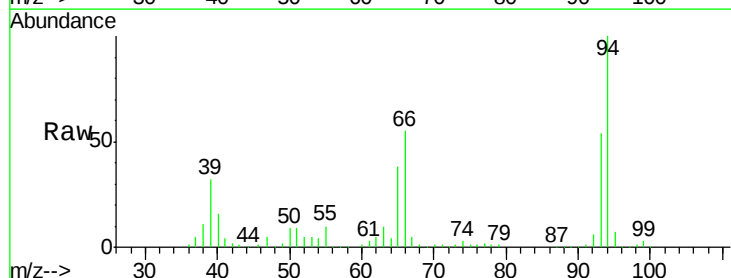
Tgt Ion: 94 Resp: 318511

Ion Ratio Lower Upper

94 100

65 37.8 9.9 49.9

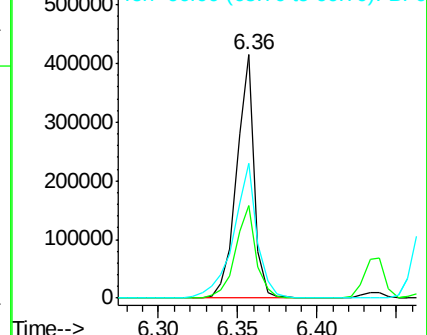
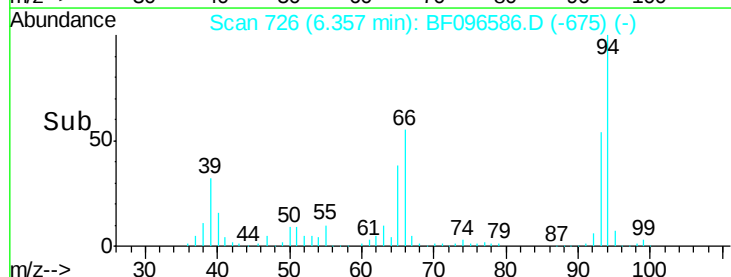
66 55.2 23.1 63.1

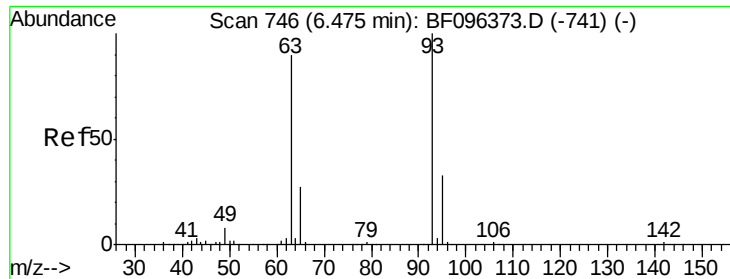


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.44 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

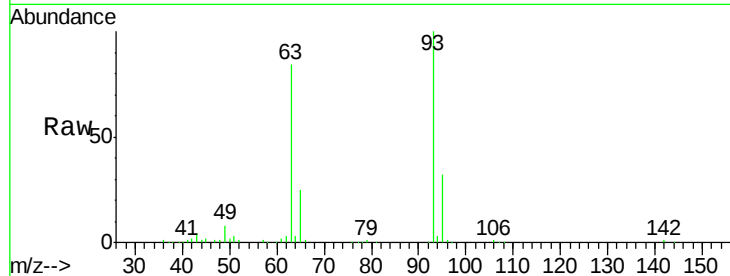
Tot Ion: 93 Resp: 239457

Ion Ratio Lower Upper

93 100

63 84.0 59.2 99.2

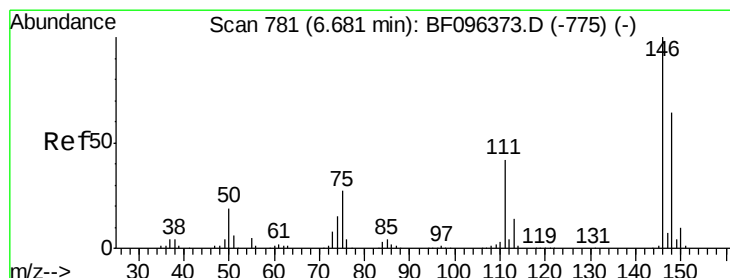
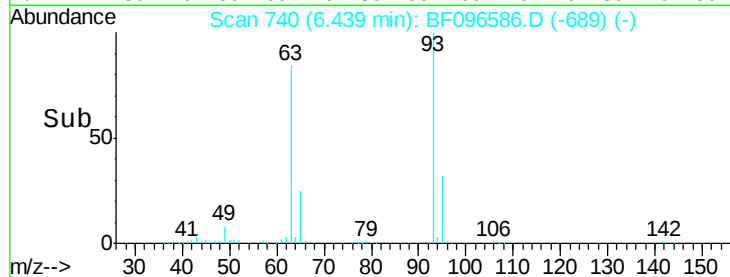
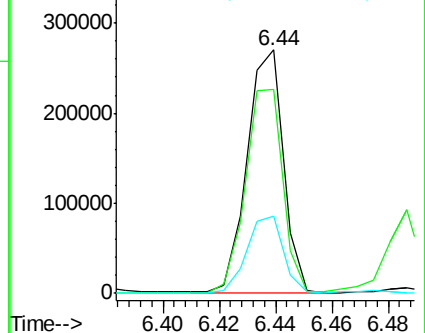
95 31.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.46 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

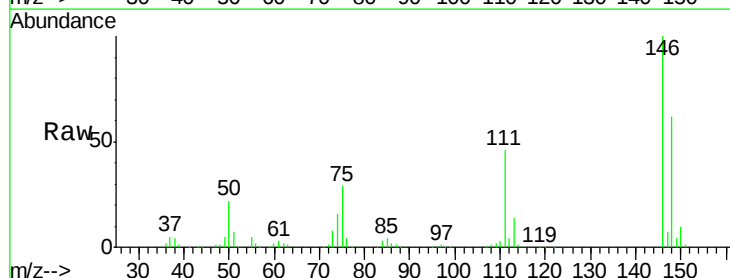
Tgt Ion: 146 Resp: 254472

Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.6

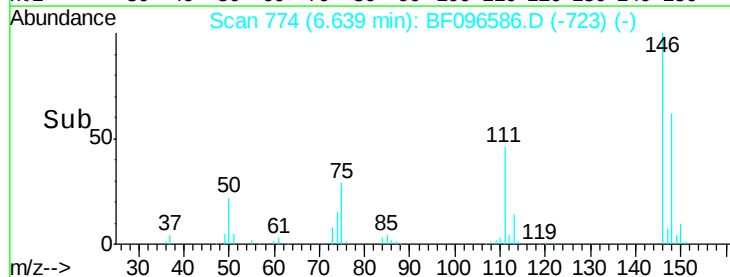
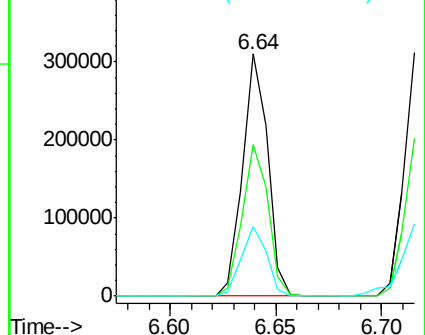
75 28.8 23.1 34.7

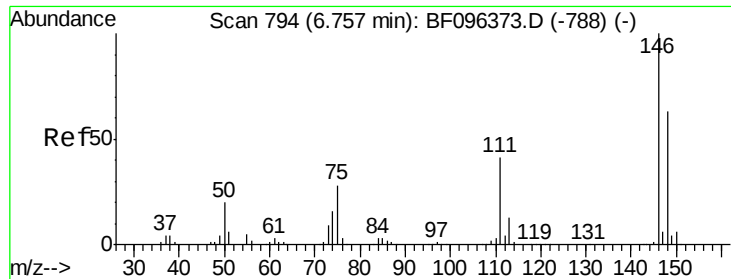


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

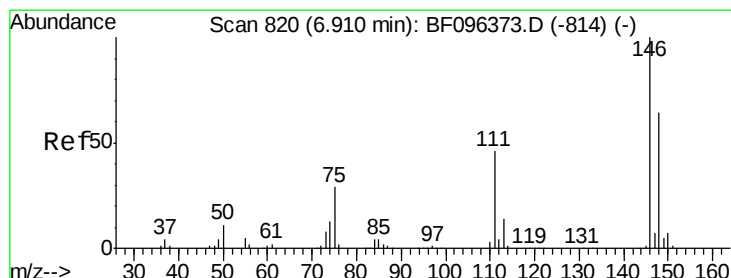
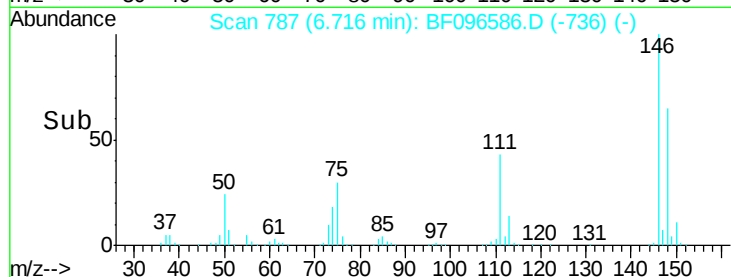
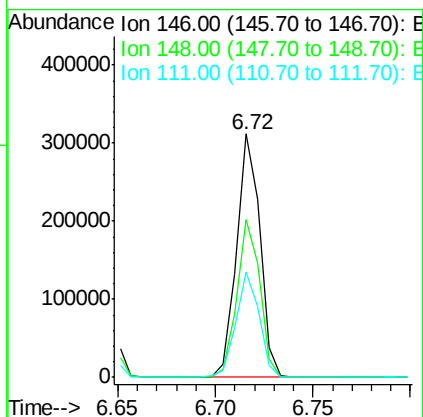
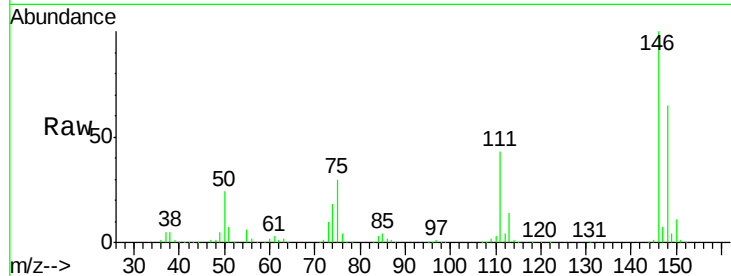




#13
 1,4-Dichlorobenzene
 Concen: 36.98 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

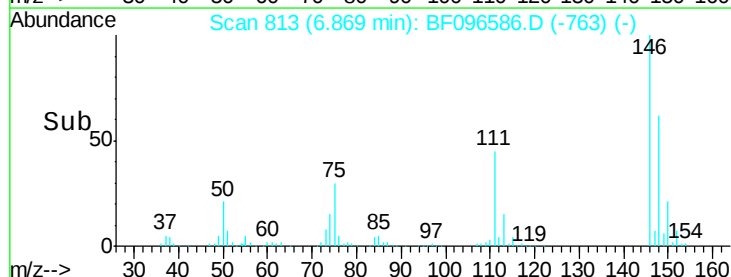
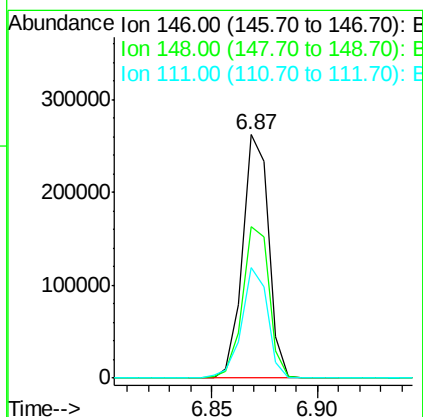
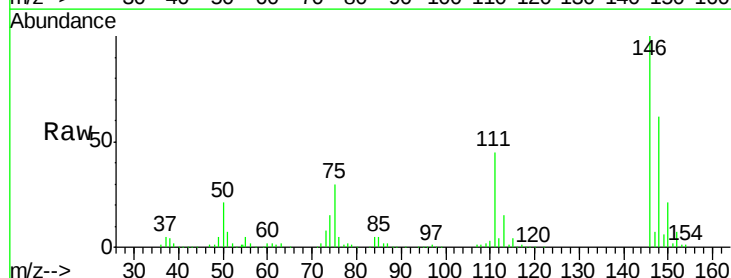
Instrument :
 BNA_F
 ClientSampled :

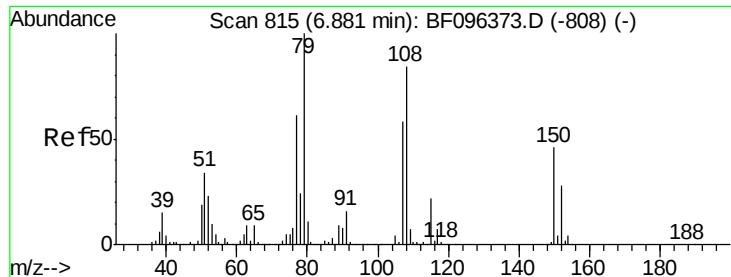
Tot Ion:146 Resp: 257991
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 43.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 34.94 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion:146 Resp: 223835
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.4 75.6
 111 45.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 34.30 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampled :

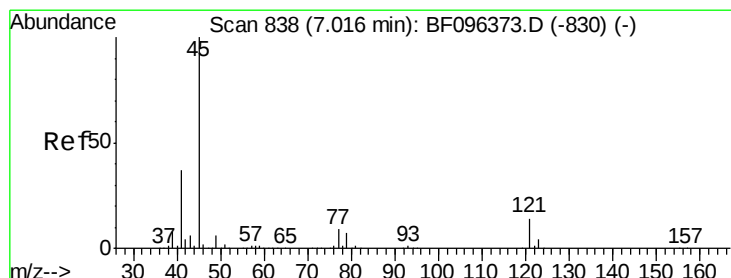
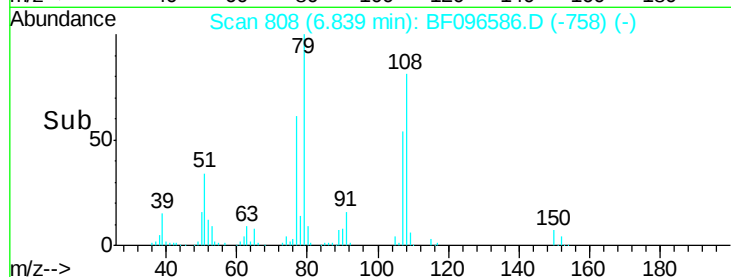
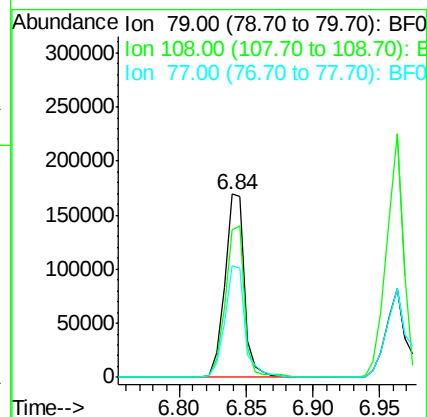
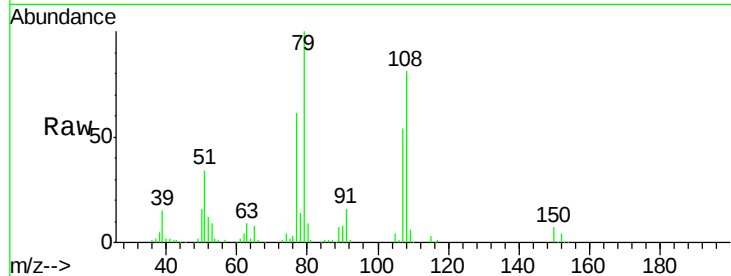
Tot Ion: 79 Resp: 175945

Ion Ratio Lower Upper

79 100

108 80.6 63.4 95.0

77 60.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.87 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

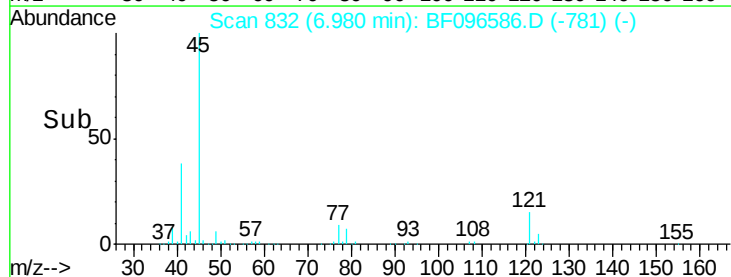
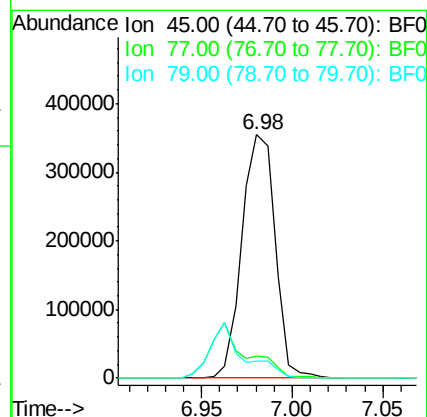
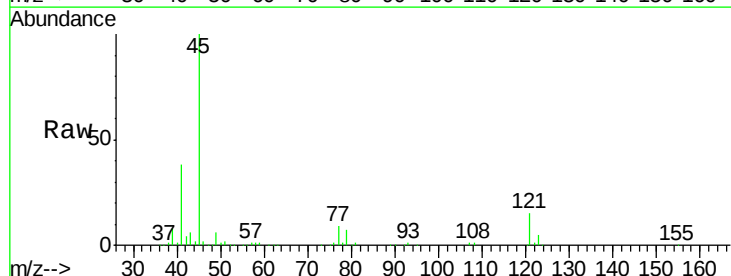
Tgt Ion: 45 Resp: 451454

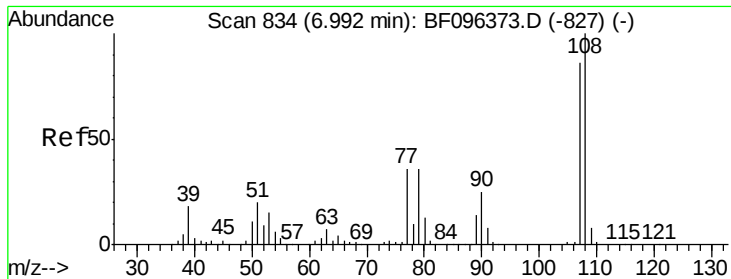
Ion Ratio Lower Upper

45 100

77 9.1 0.0 33.2

79 7.3 0.0 30.0





#17

2-Methylphenol

Concen: 33.01 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 175098

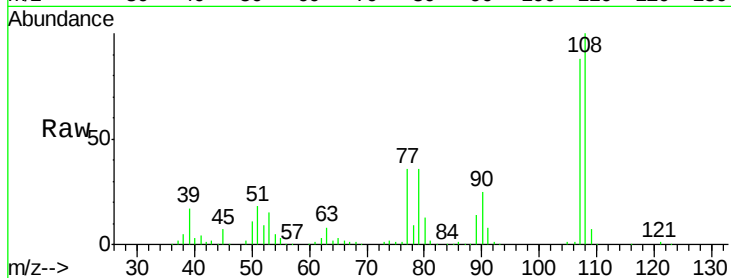
Ion Ratio Lower Upper

107 100

108 113.8 93.4 140.0

77 41.2 35.8 53.6

79 41.2 34.8 52.2

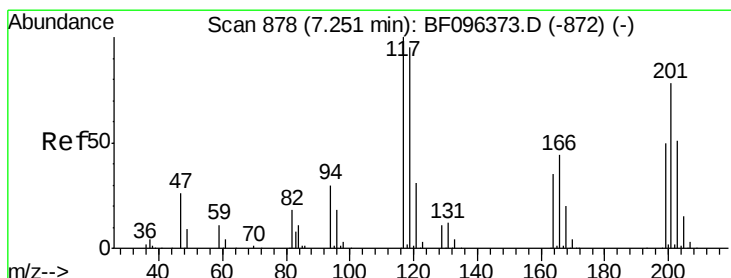
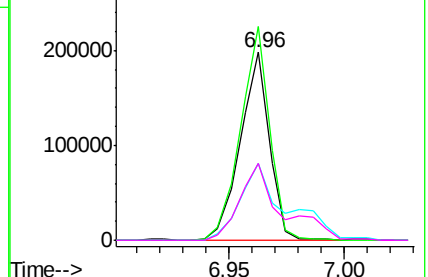
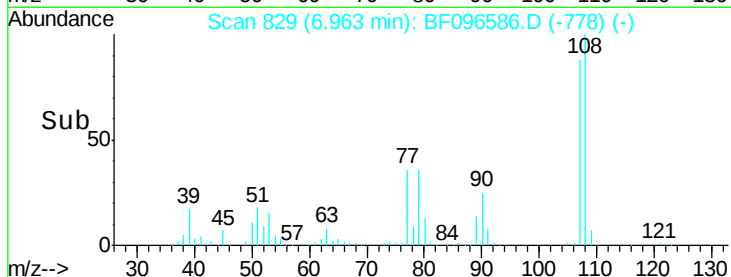


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 23.61 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

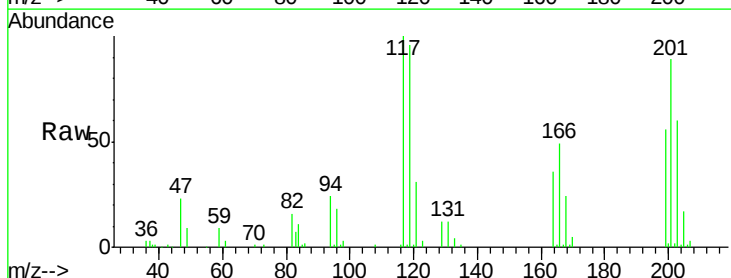
Tgt Ion:117 Resp: 59705

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

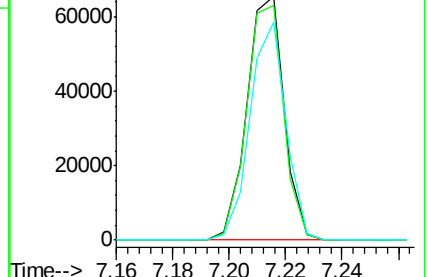
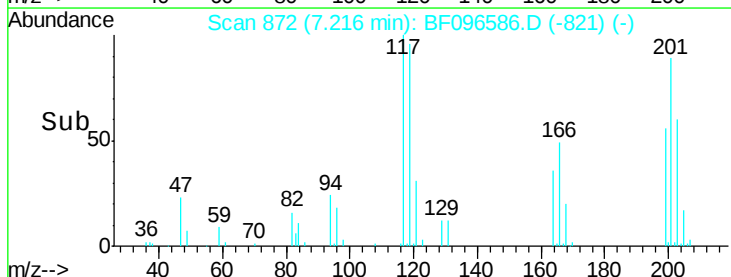
201 89.4 94.6 141.8#

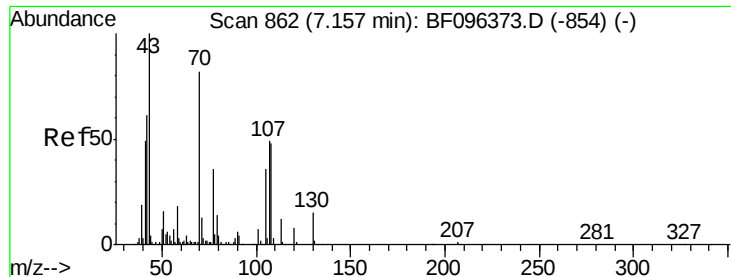


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

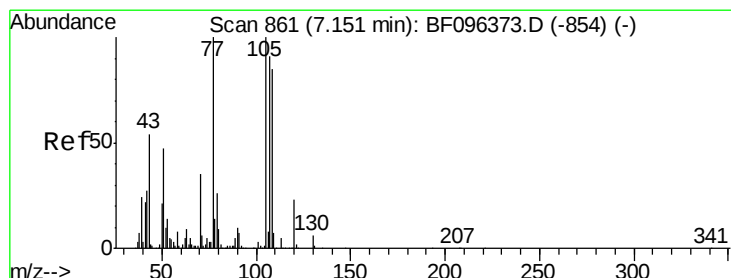
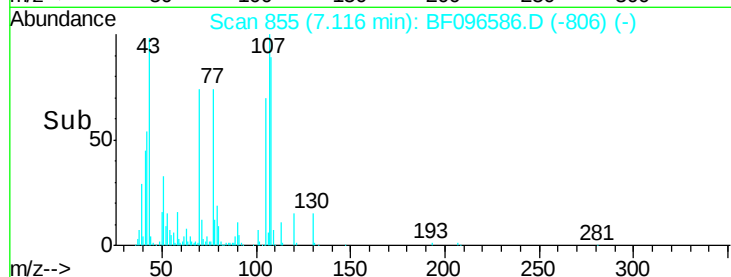
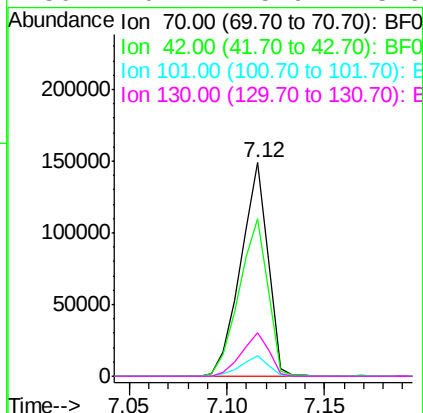
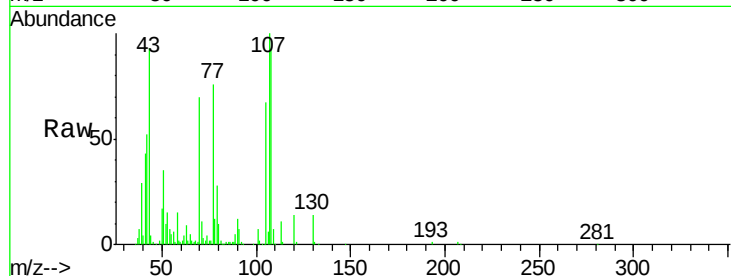




#19
n-Nitroso-di-n-propylamine
Concen: 31.54 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

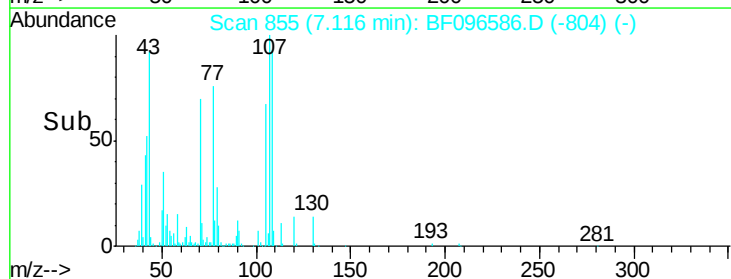
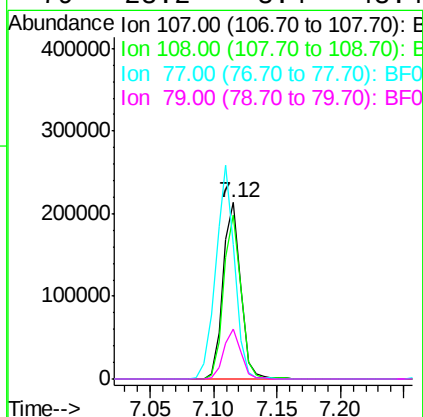
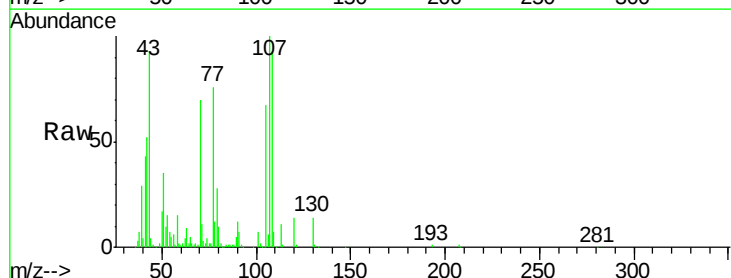
Instrument :
BNA_F
ClientSampleId :

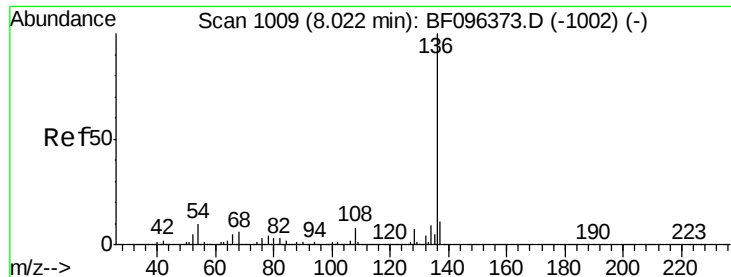
Tot Ion: 70 Resp: 144216
Ion Ratio Lower Upper
70 100
42 73.7 47.2 70.8#
101 9.7 7.2 10.8
130 20.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 35.21 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Tgt Ion:107 Resp: 208339
Ion Ratio Lower Upper
107 100
108 92.8 71.0 111.0
77 76.3 90.5 130.5#
79 28.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 329910

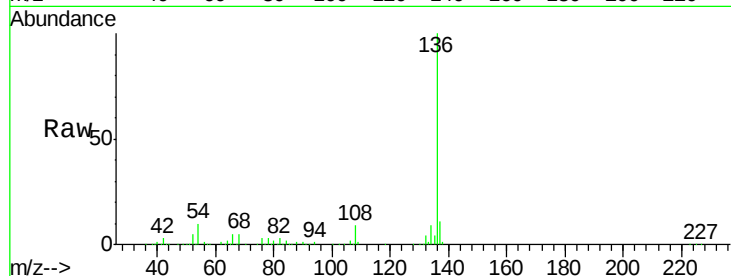
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.6 4.9 7.3#

68 5.3 4.1 6.1

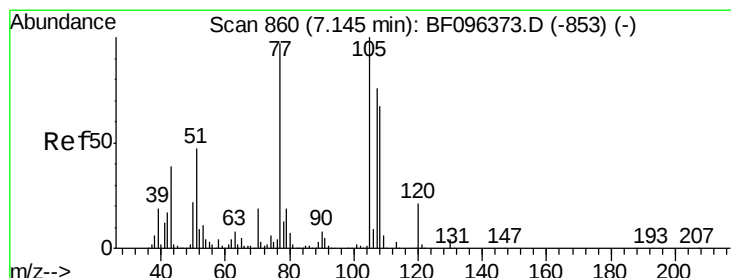
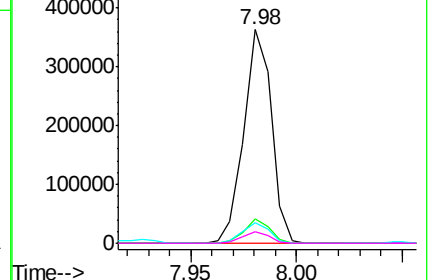
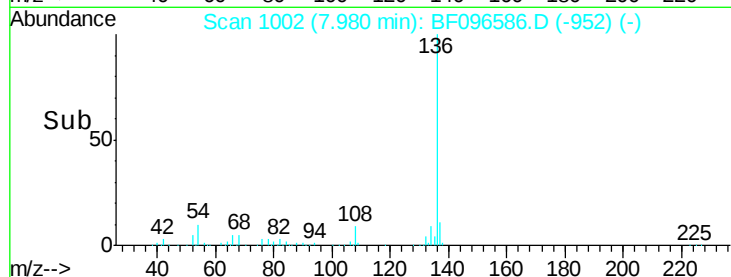


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.32 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Tgt Ion:105 Resp: 283420

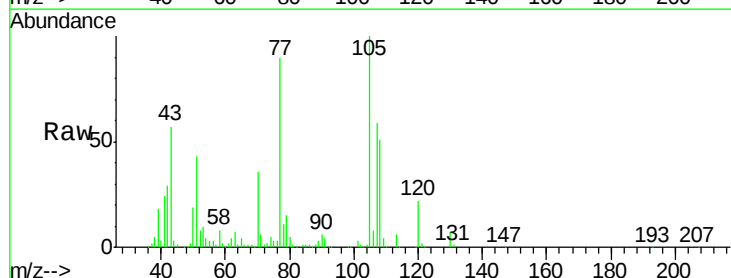
Ion Ratio Lower Upper

105 100

71 6.0 2.8 4.2#

51 43.2 30.7 46.1

120 21.9 17.4 26.0

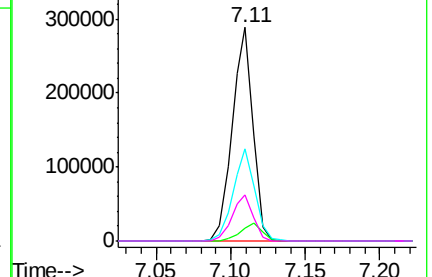
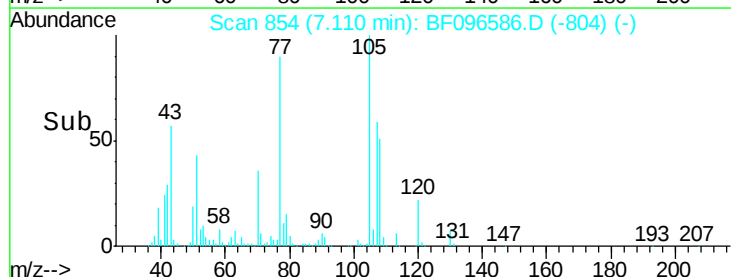


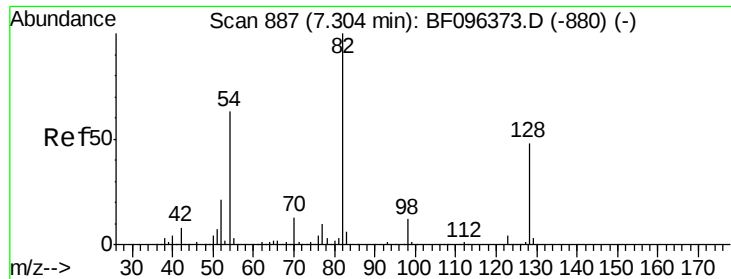
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

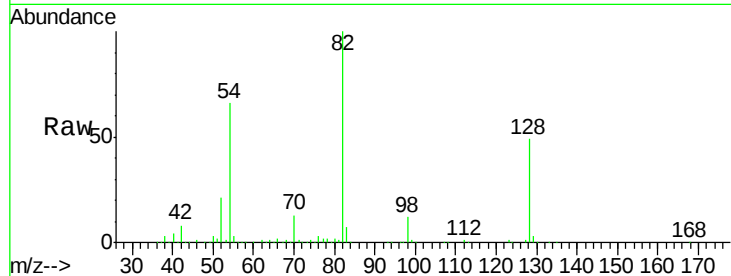




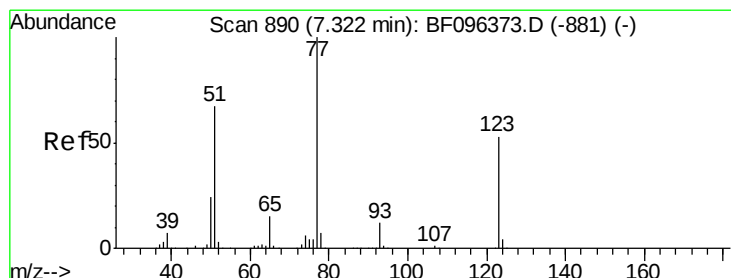
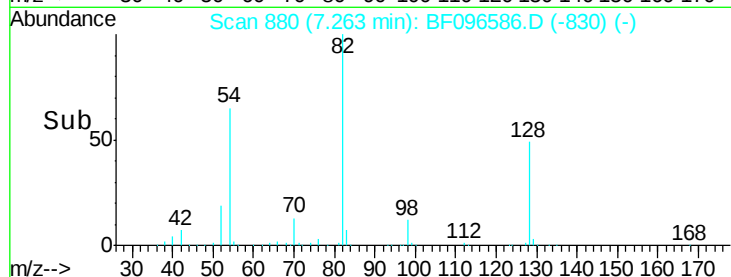
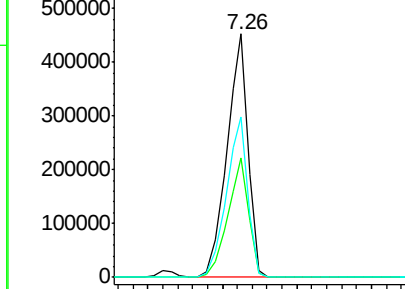
#23
 Nitrobenzene-d5
 Concen: 82.49 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 452864
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 65.6 42.2 63.2#

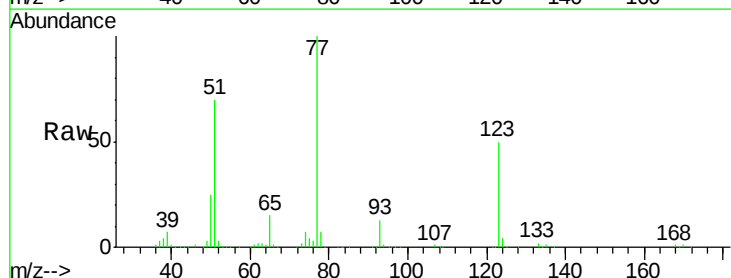


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

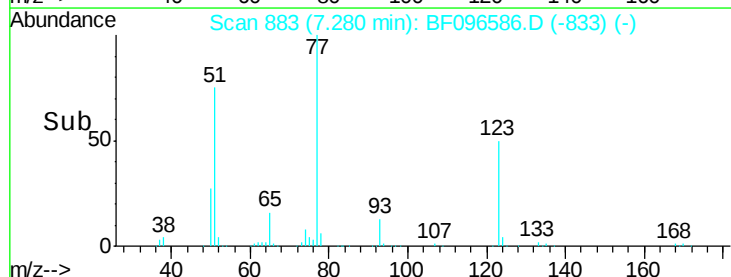
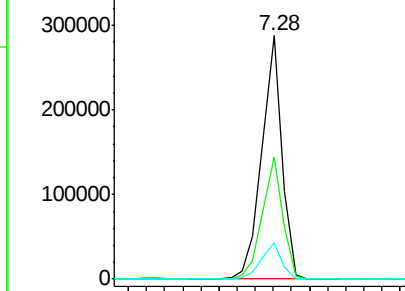


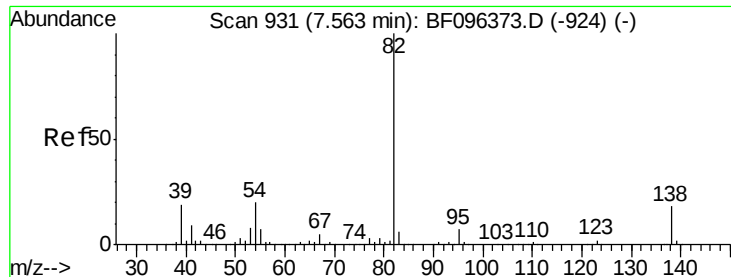
#24
 Nitrobenzene
 Concen: 39.24 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion: 77 Resp: 226018
 Ion Ratio Lower Upper
 77 100
 123 50.2 35.8 53.8
 65 14.7 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.75 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

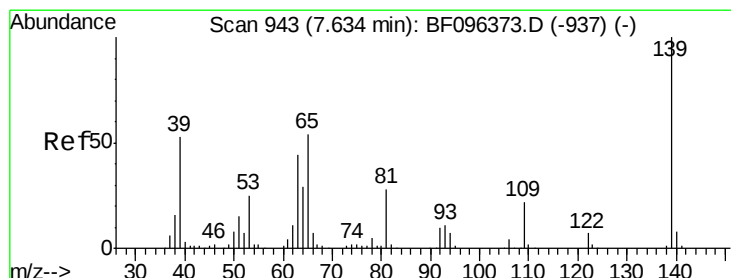
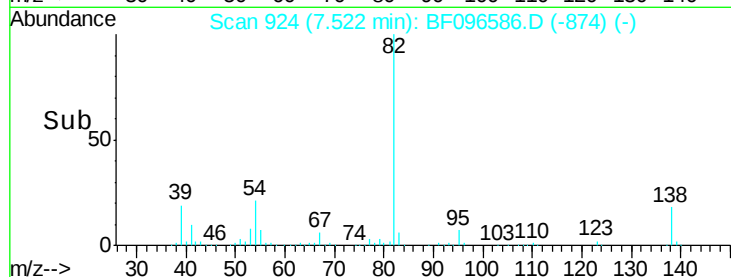
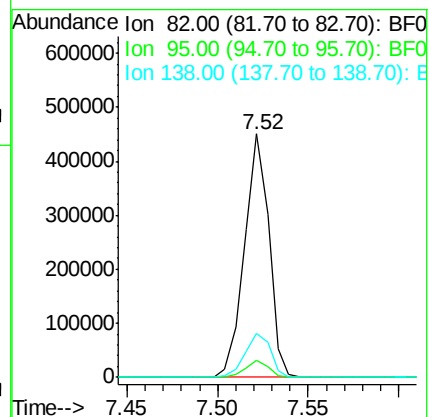
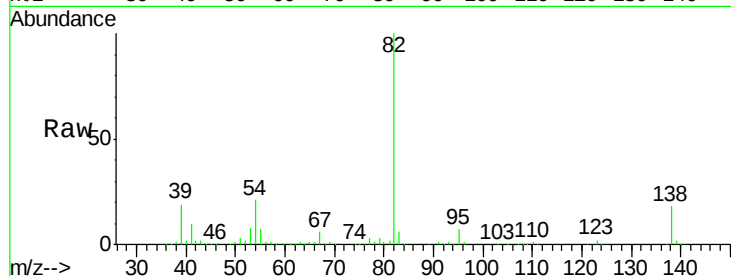
Tot Ion: 82 Resp: 423095

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.1 13.1 19.7



#26

2-Nitrophenol

Concen: 34.81 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

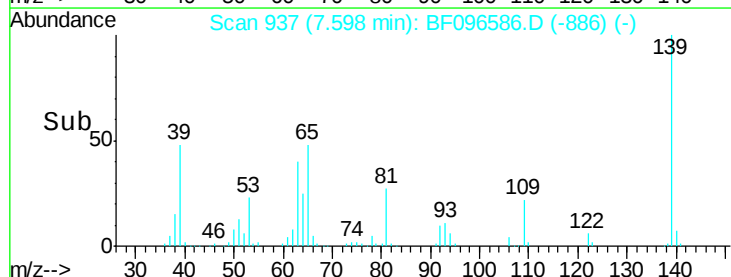
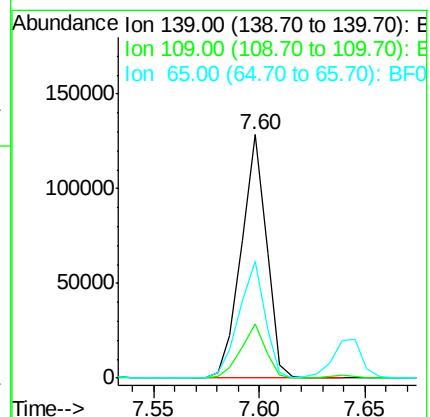
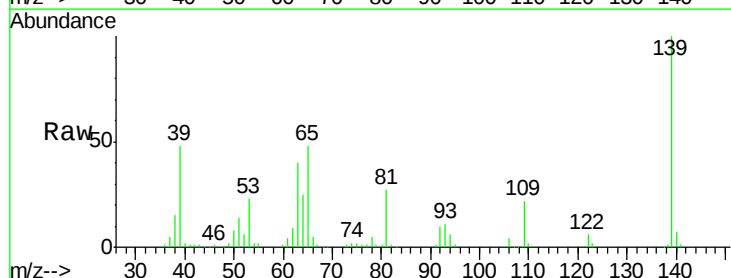
Tgt Ion: 139 Resp: 106115

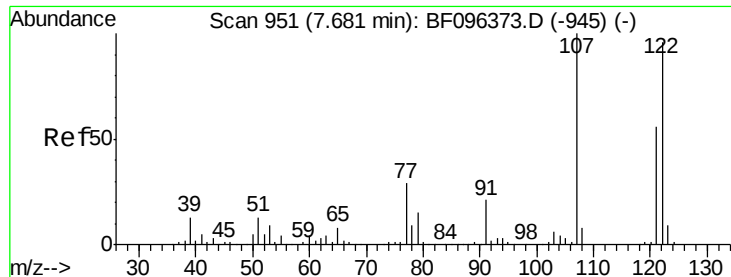
Ion Ratio Lower Upper

139 100

109 22.2 21.0 31.6

65 48.1 33.0 49.6

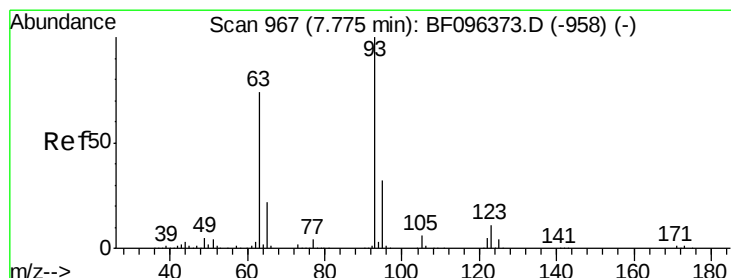
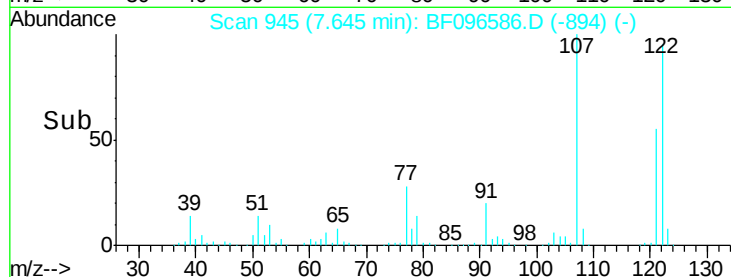
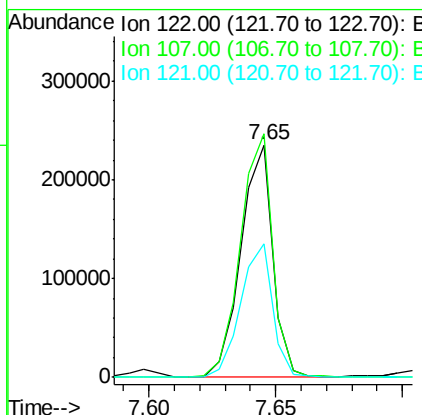
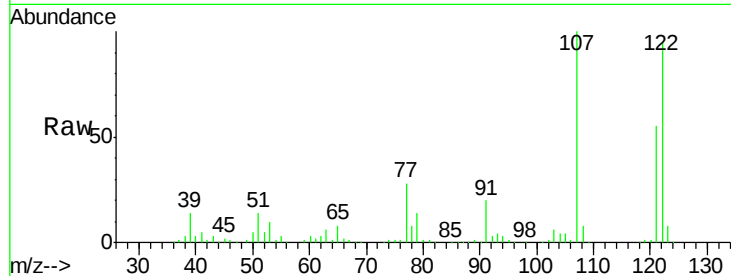




#27
 2,4-Dimethylphenol
 Concen: 39.84 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

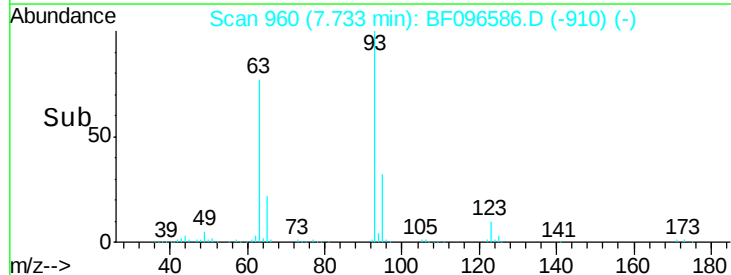
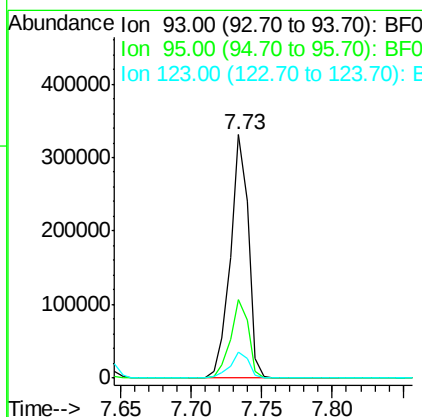
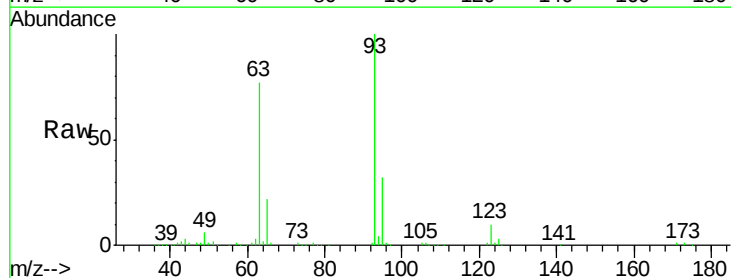
Instrument :
 BNA_F
 ClientSampleId :

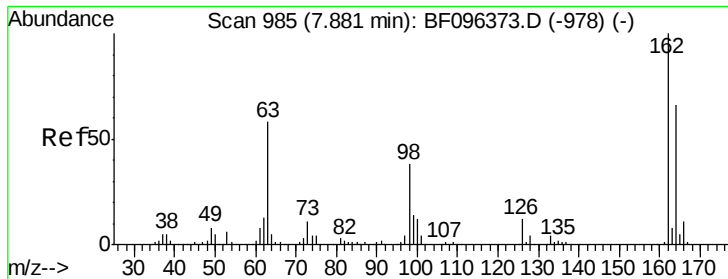
Tot Ion:122 Resp: 206801
 Ion Ratio Lower Upper
 122 100
 107 104.8 89.2 133.8
 121 57.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.88 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion: 93 Resp: 294309
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 10.5 9.0 13.4

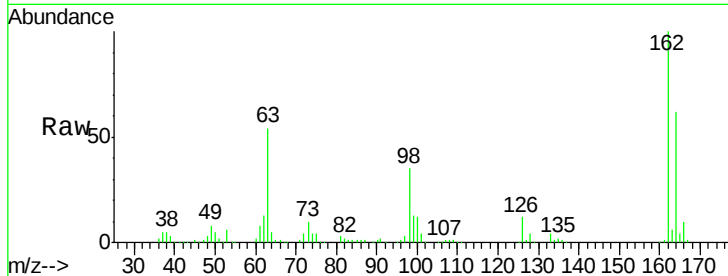




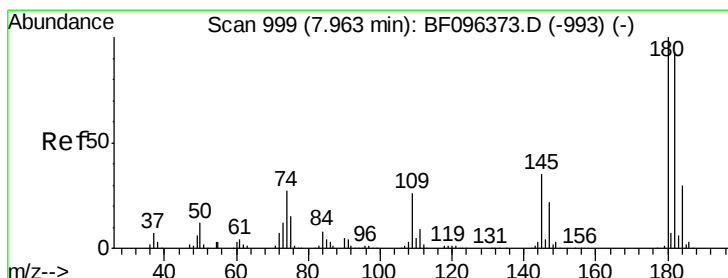
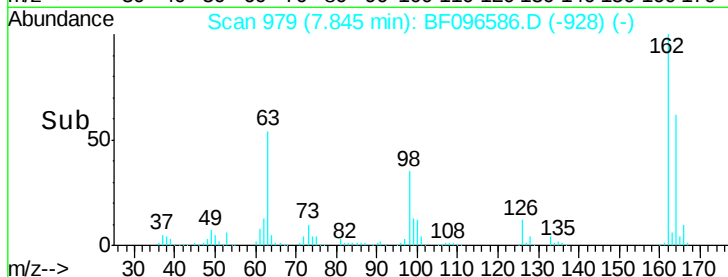
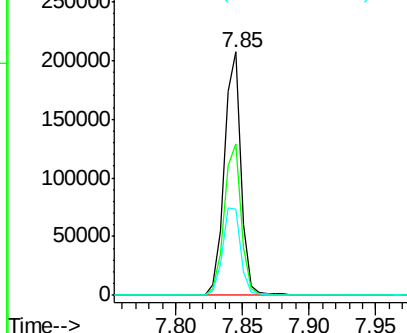
#29
 2,4-Dichlorophenol
 Concen: 41.29 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 184902
 Ion Ratio Lower Upper
 162 100
 164 62.2 44.6 84.6
 98 35.3 14.8 54.8

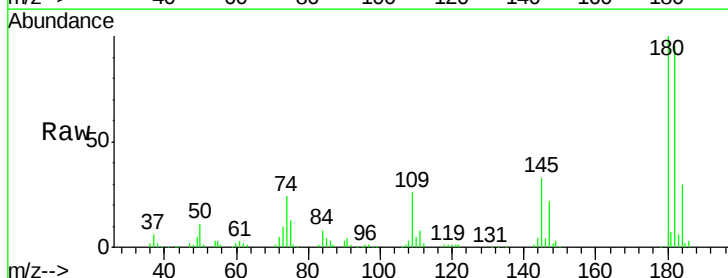


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

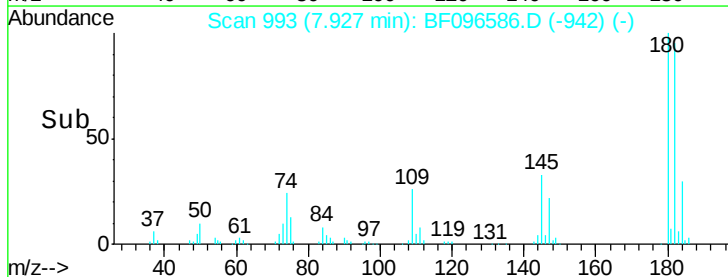
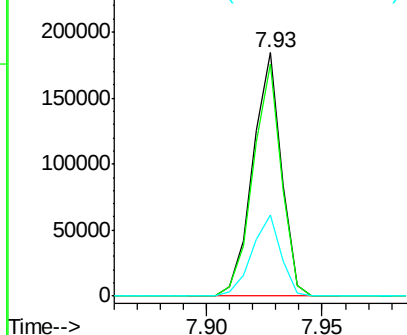


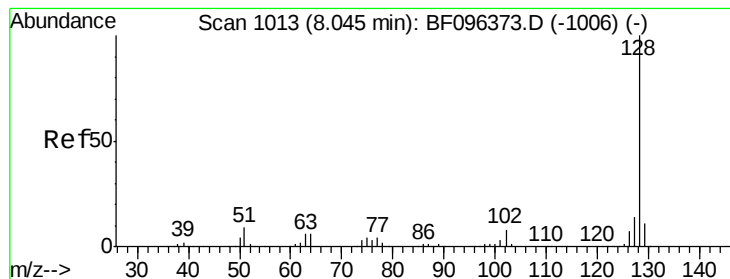
#30
 1,2,4-Trichlorobenzene
 Concen: 37.72 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion:180 Resp: 159349
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.8 113.6
 145 33.1 25.3 37.9



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





#31

Naphthalene

Concen: 37.34 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampled :

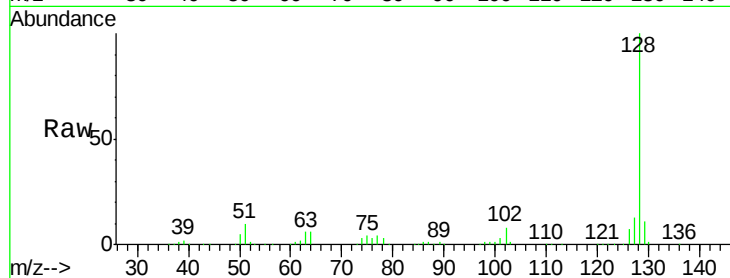
Tot Ion:128 Resp: 581534

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

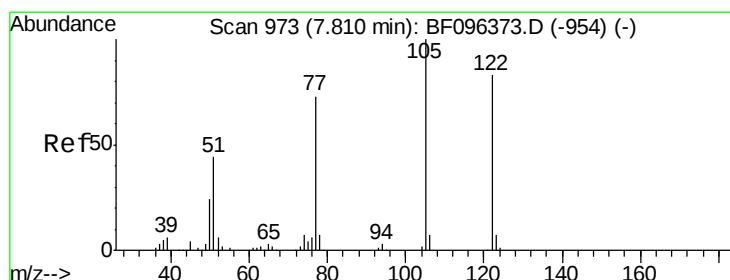
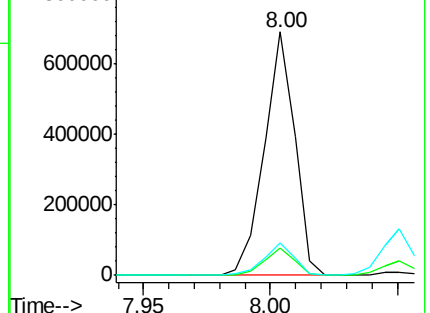
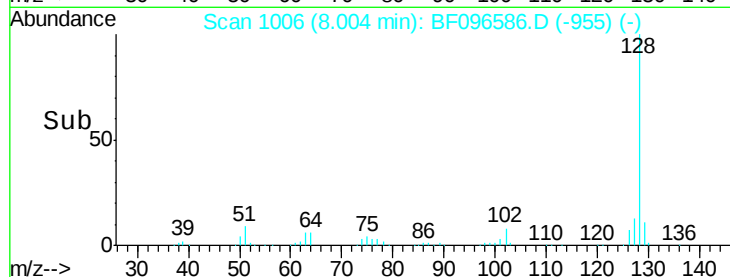
127 13.4 10.8 16.2



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: 5.57 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.06 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

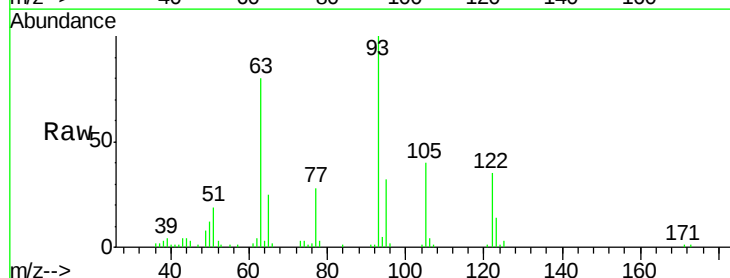
Tgt Ion:122 Resp: 24268

Ion Ratio Lower Upper

122 100

105 116.4 103.3 143.3

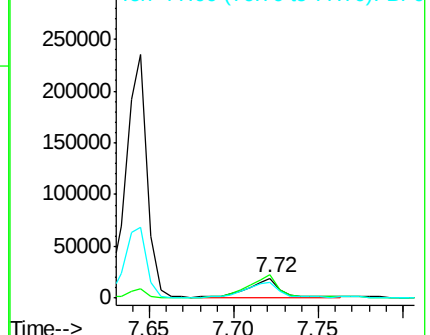
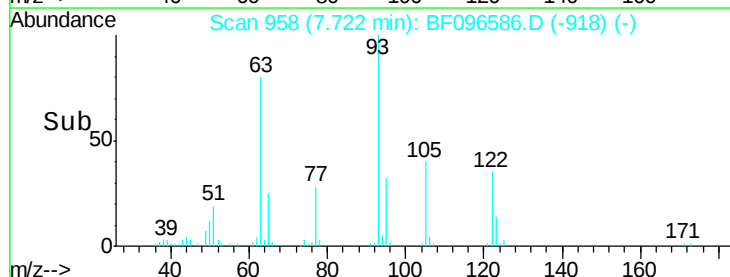
77 81.8 73.7 113.7

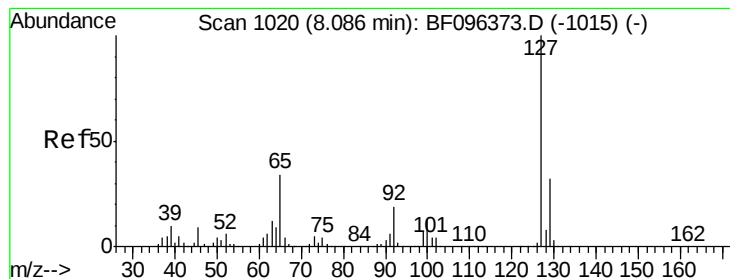


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.59 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 113791

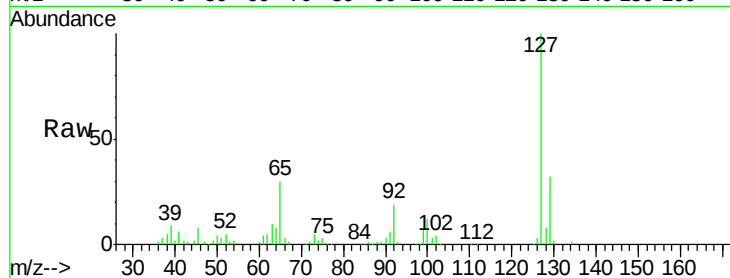
Ion Ratio Lower Upper

127 100

129 31.7 26.2 39.2

65 29.6 27.8 41.8

92 19.0 16.8 25.2

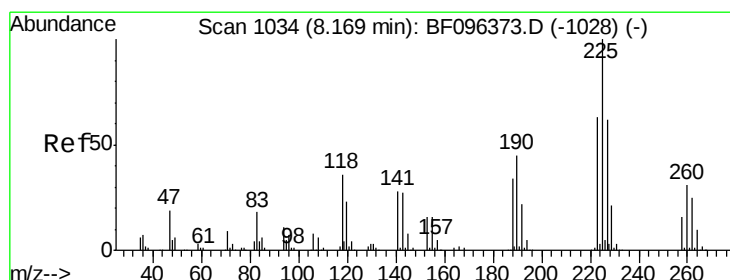
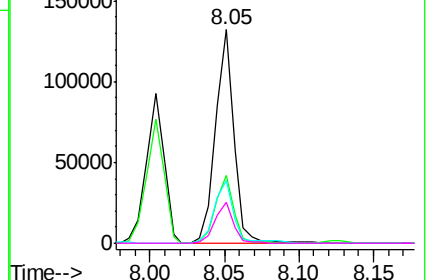
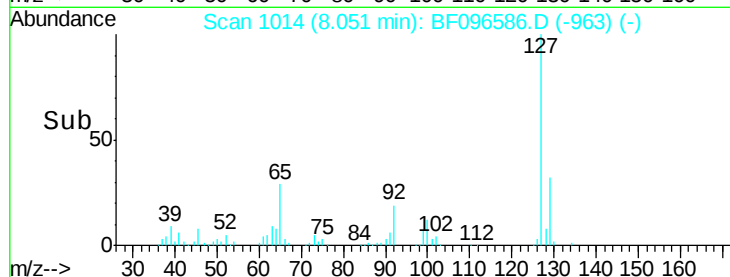


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.21 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

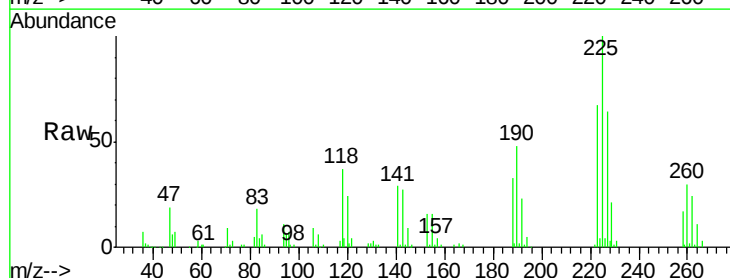
Tgt Ion:225 Resp: 82800

Ion Ratio Lower Upper

225 100

223 67.2 48.8 73.2

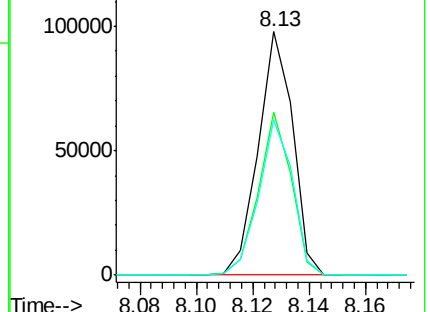
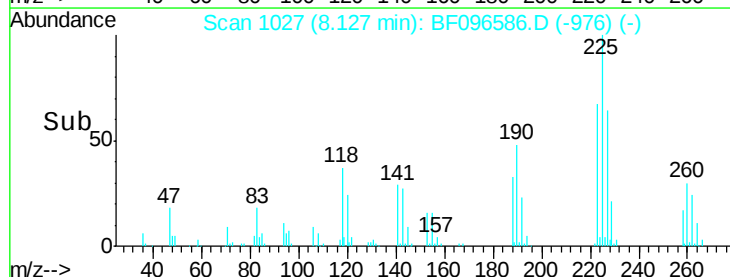
227 63.9 51.1 76.7

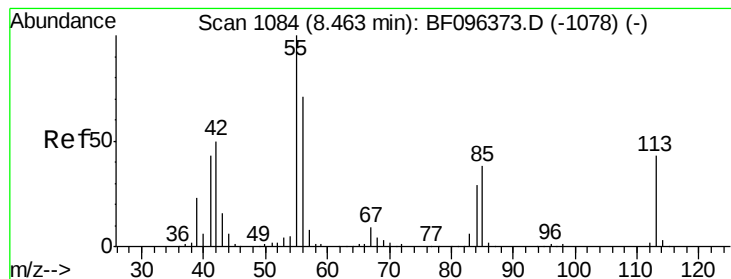


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.34 ng

RT: 8.40 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

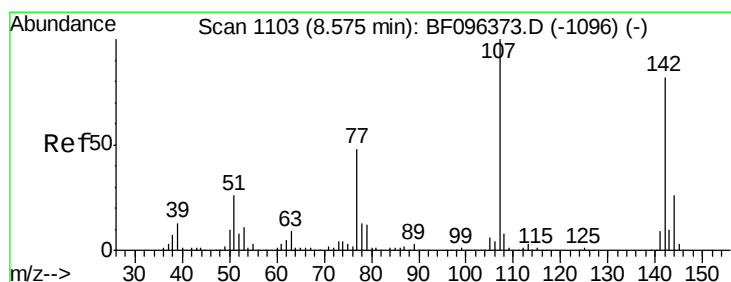
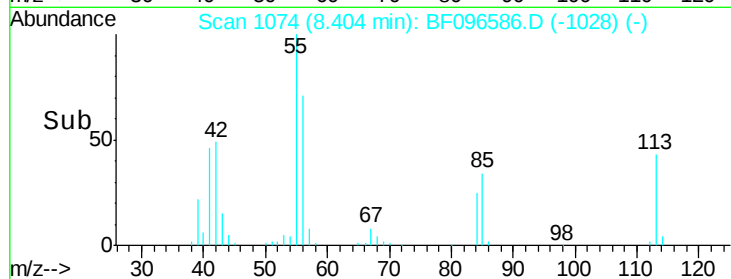
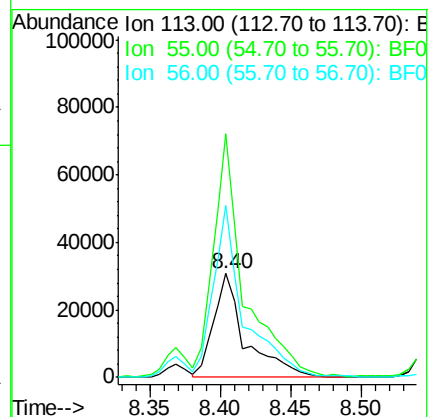
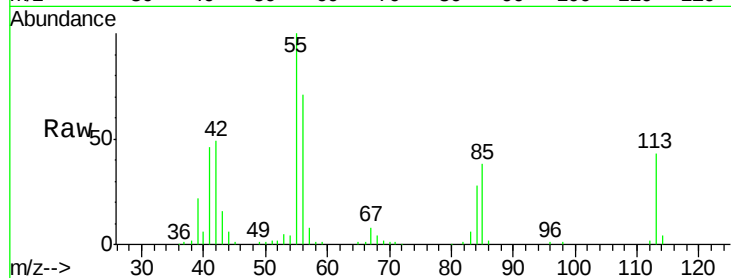
Tot Ion:113 Resp: 48394

Ion Ratio Lower Upper

113 100

55 234.7 150.2 190.2#

56 166.2 107.8 147.8#



#36

4-Chloro-3-methylphenol

Concen: 33.71 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

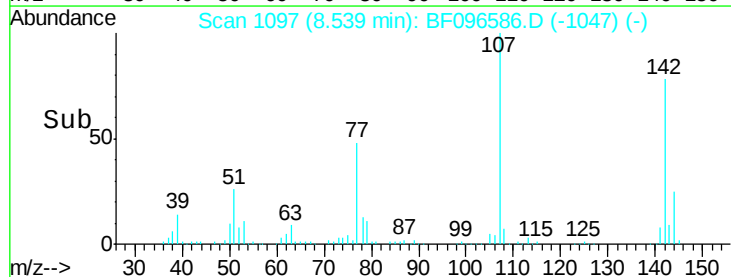
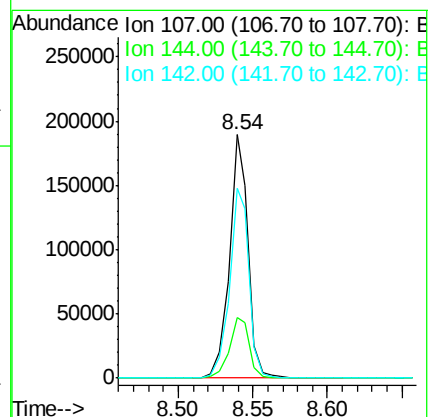
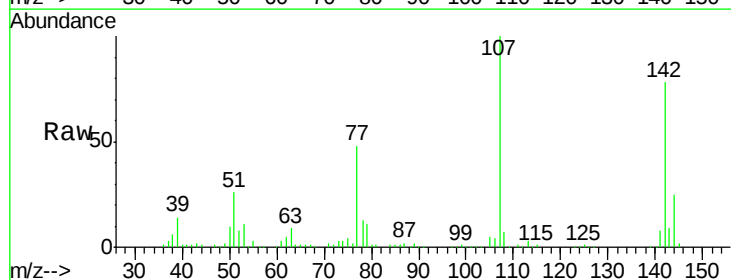
Tgt Ion:107 Resp: 167047

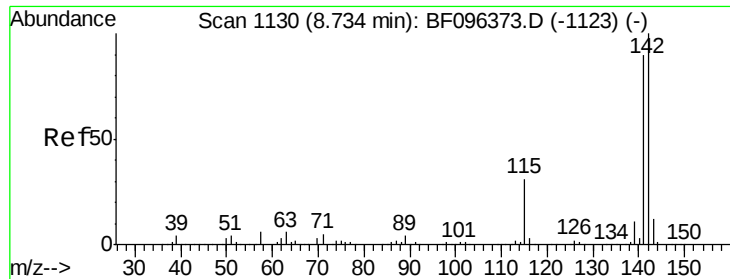
Ion Ratio Lower Upper

107 100

144 24.8 24.2 36.4

142 78.0 73.4 110.0

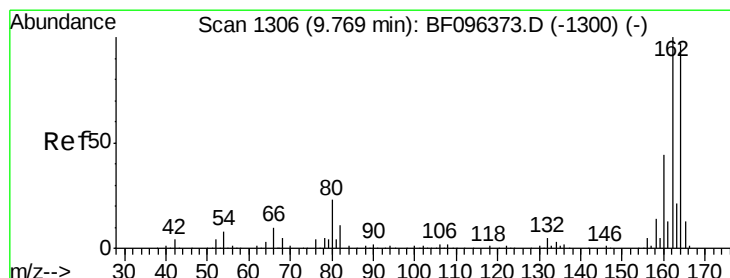
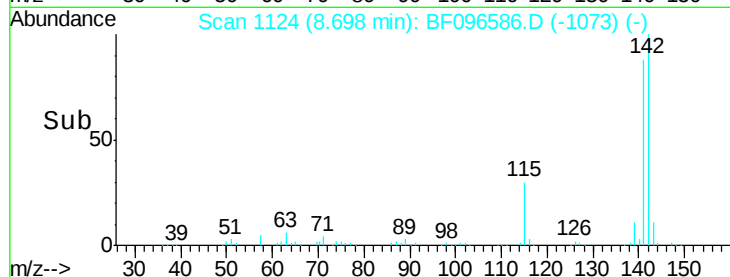
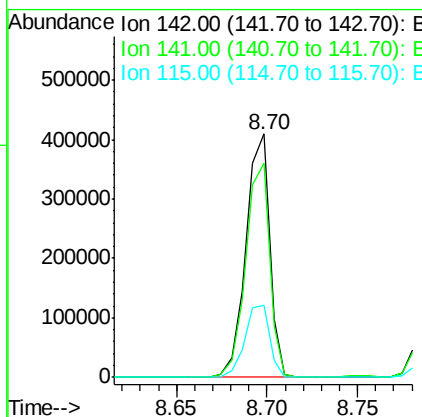
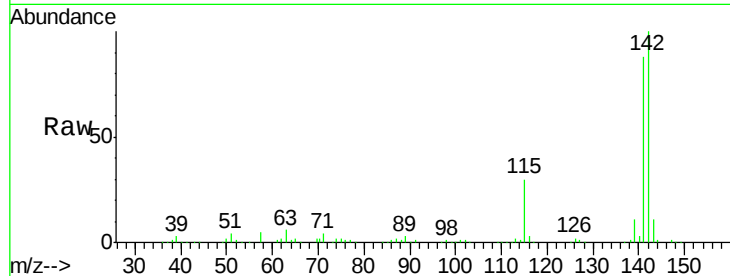




#37
 2-Methylnaphthalene
 Concen: 37.71 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

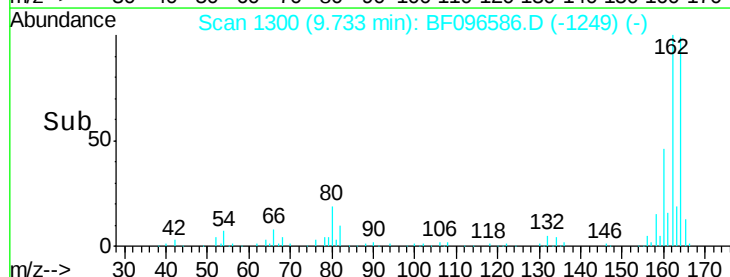
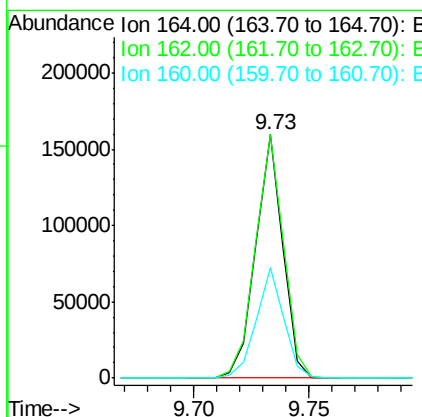
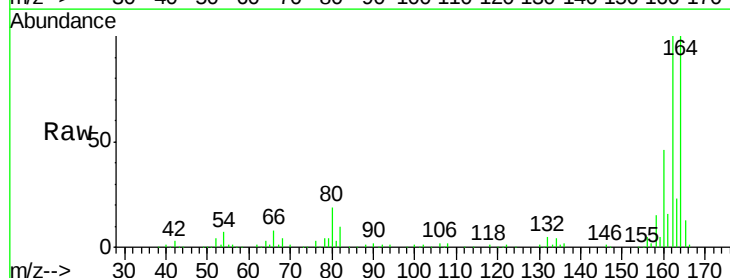
Instrument :
 BNA_F
 ClientSampled :

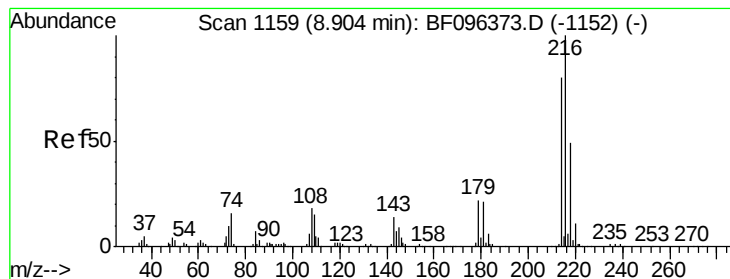
Tot Ion:142 Resp: 373897
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.3 106.9
 115 29.8 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion:164 Resp: 131328
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.6 123.8
 160 45.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.48 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 134624

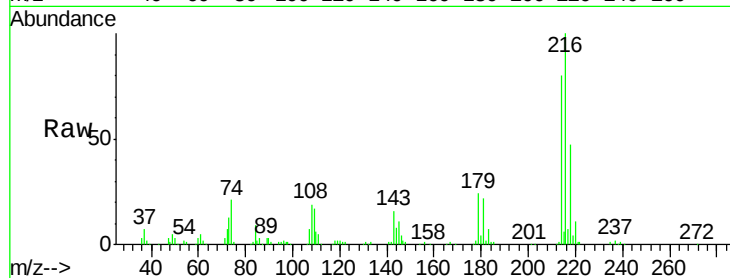
Ion Ratio Lower Upper

216 100

214 80.0 63.4 95.2

179 22.7 17.9 26.9

108 18.9 16.5 24.7

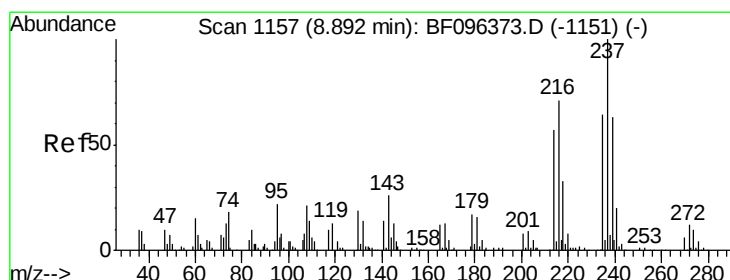
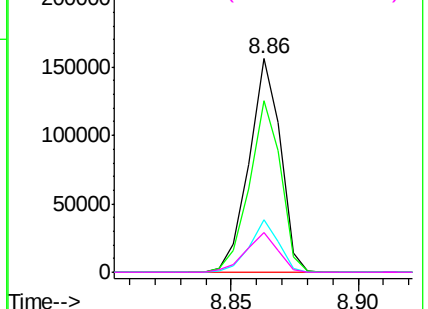
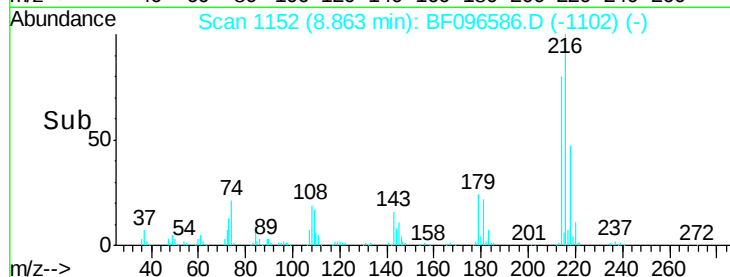


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 15.72 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

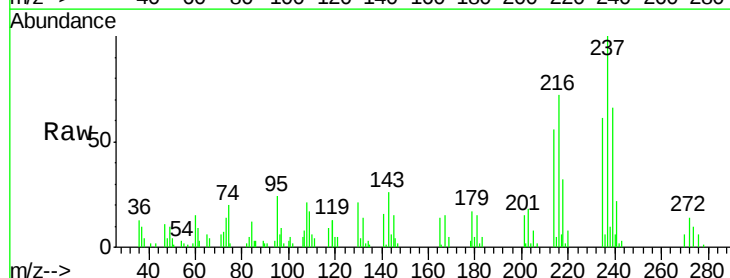
Tgt Ion:237 Resp: 26057

Ion Ratio Lower Upper

237 100

235 61.0 42.6 82.6

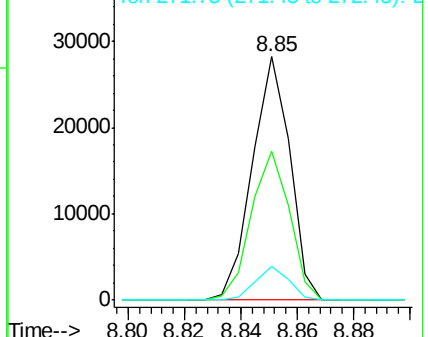
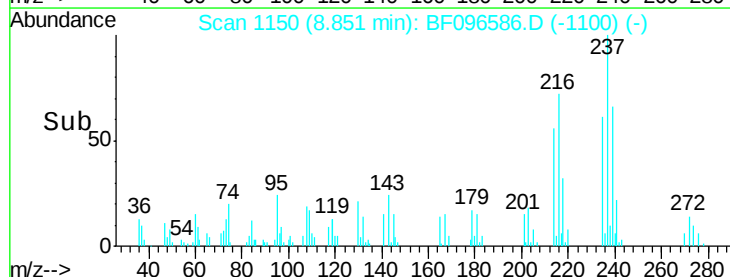
272 13.9 0.0 31.9

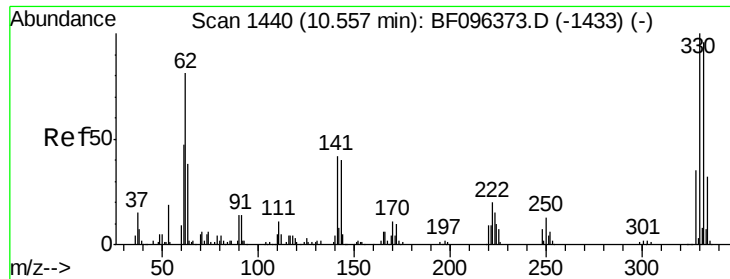


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

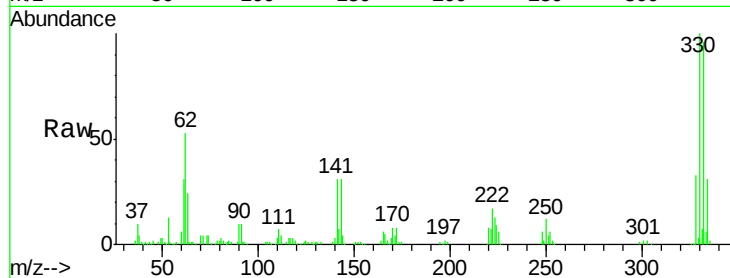




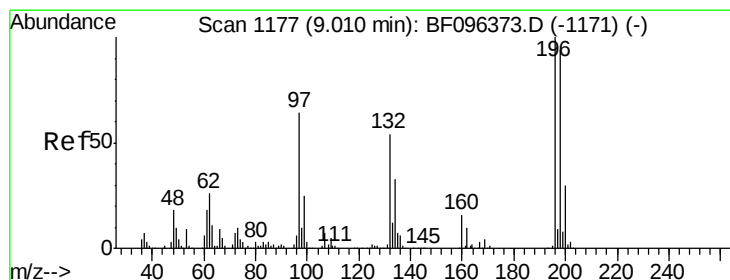
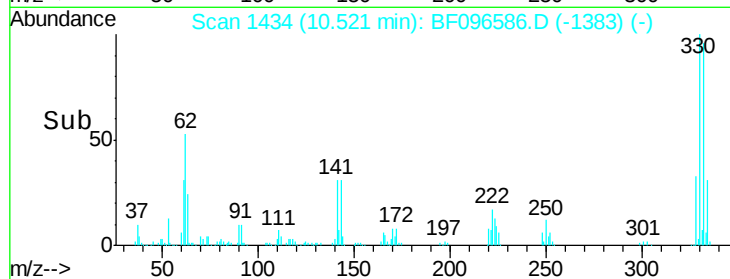
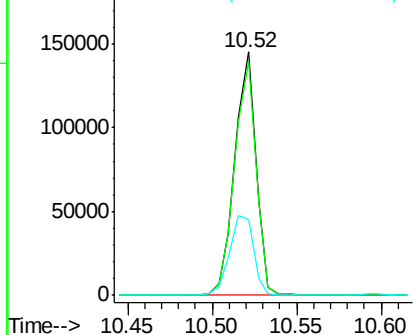
#41
 2,4,6-Tribromophenol
 Concen: 124.15 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 127354
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 37.2 31.4 47.2

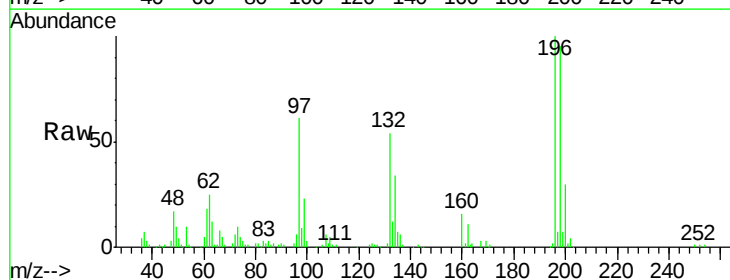


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

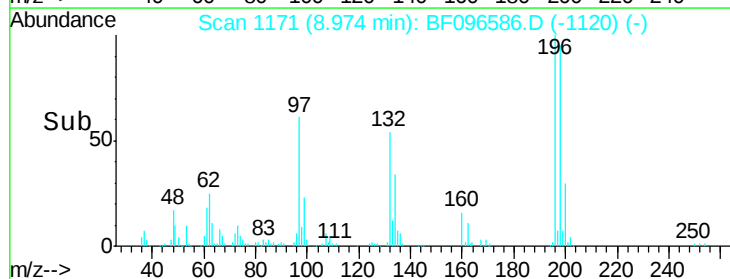
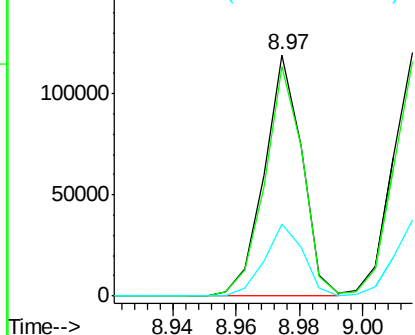


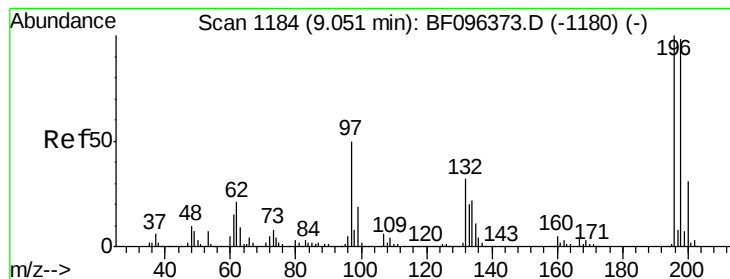
#42
 2,4,6-Trichlorophenol
 Concen: 36.76 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion:196 Resp: 99149
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.2 111.4
 200 29.7 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 38.37 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 102338

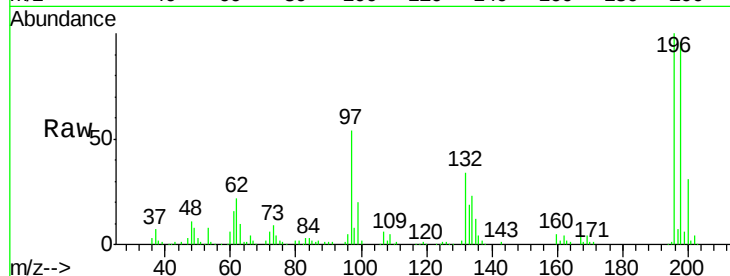
Ion Ratio Lower Upper

196 100

198 96.3 75.7 113.5

97 54.2 47.7 71.5

132 34.0 28.0 42.0

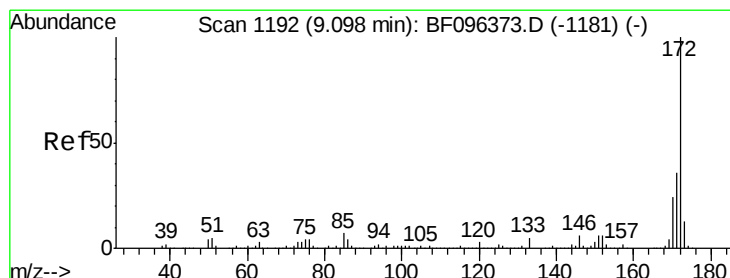
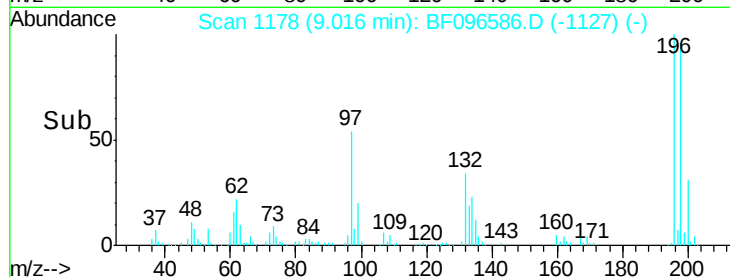
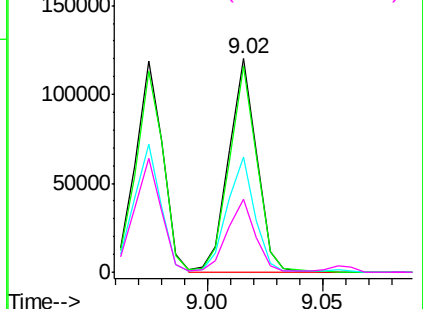


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 83.37 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

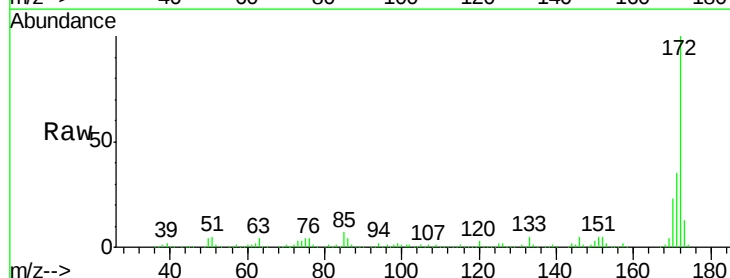
Tgt Ion:172 Resp: 640339

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

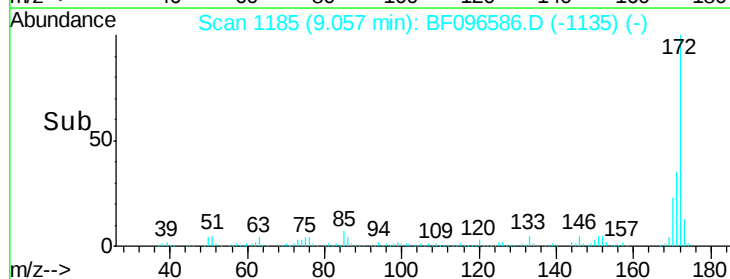
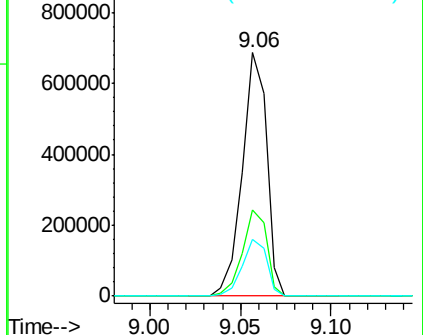
170 23.3 19.8 29.8

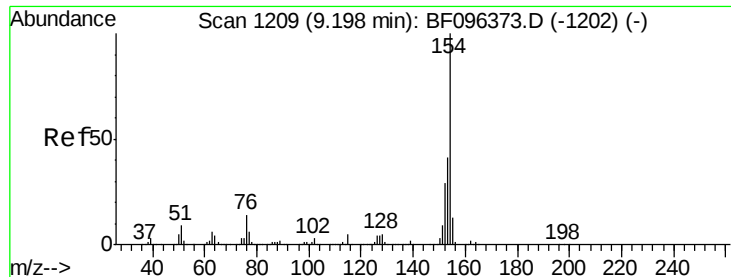


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.03 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

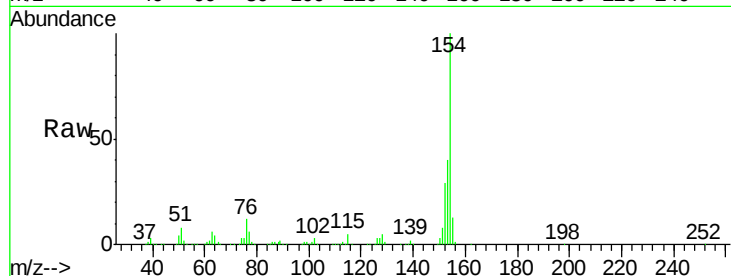
Tot Ion:154 Resp: 416716

Ion Ratio Lower Upper

154 100

153 39.9 21.2 61.2

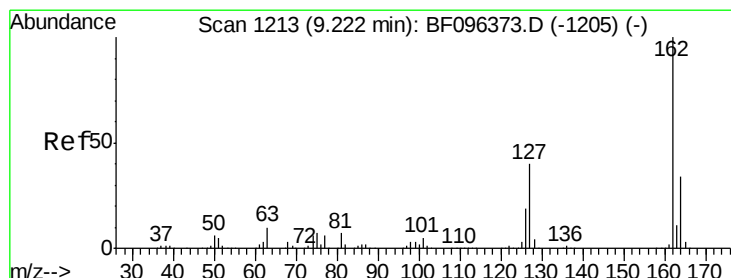
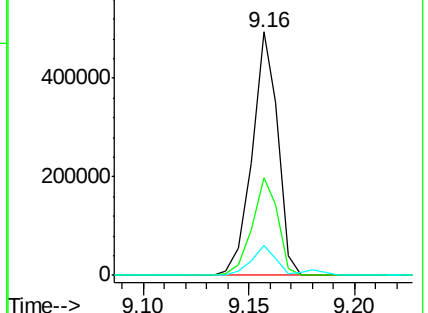
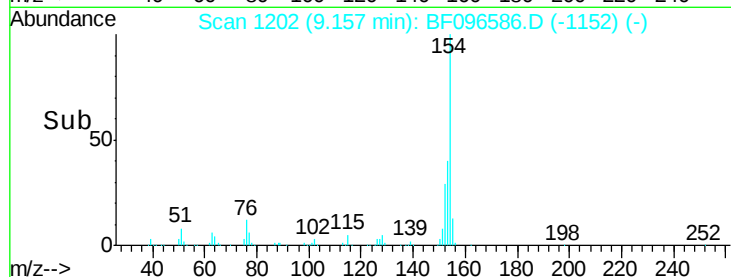
76 12.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.87 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

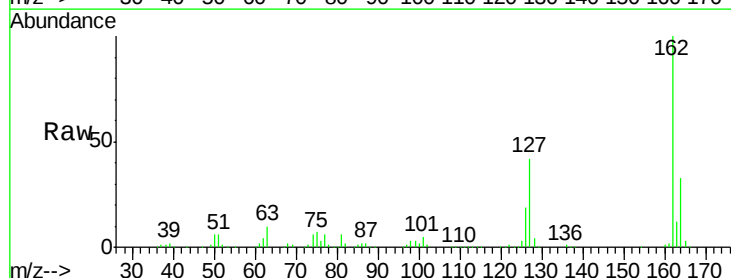
Tgt Ion:162 Resp: 317538

Ion Ratio Lower Upper

162 100

127 42.0 28.3 42.5

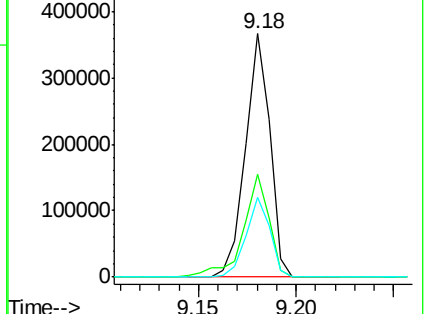
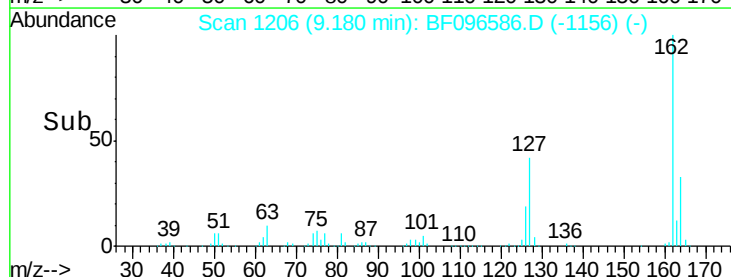
164 32.8 27.0 40.4

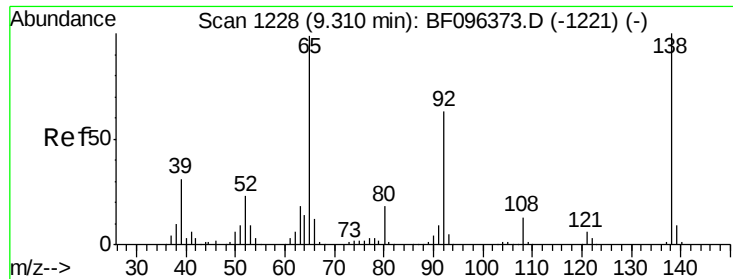


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

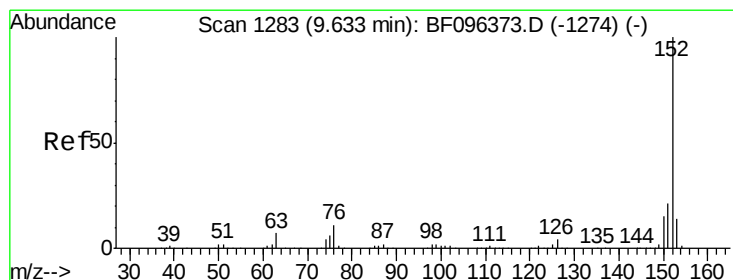
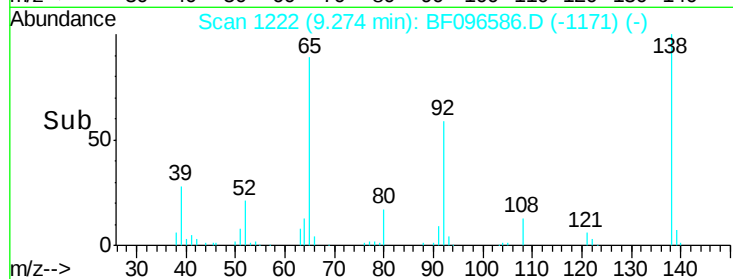
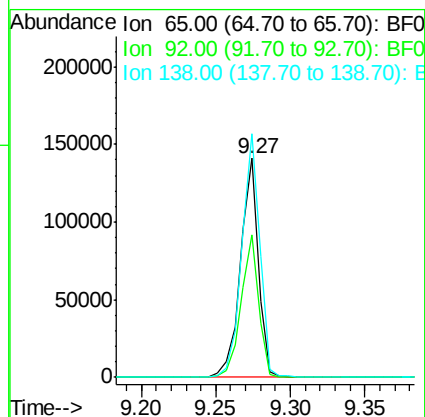
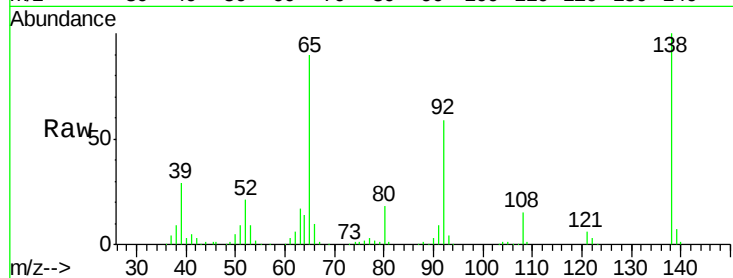




#47
 2-Nitroaniline
 Concen: 39.00 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

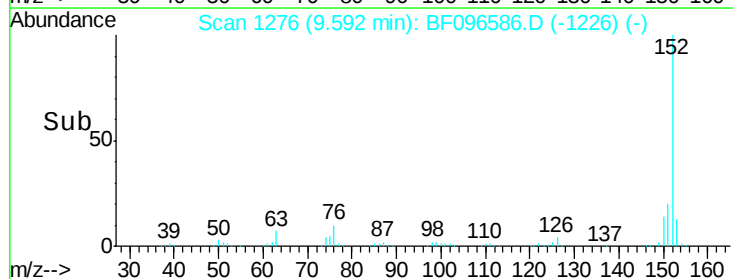
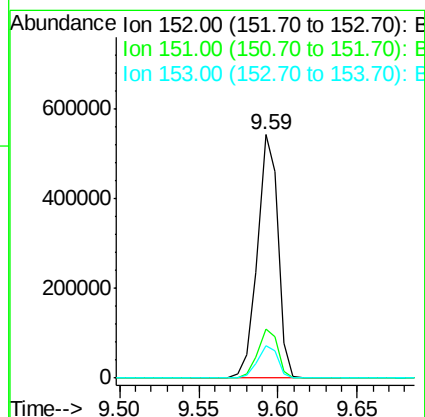
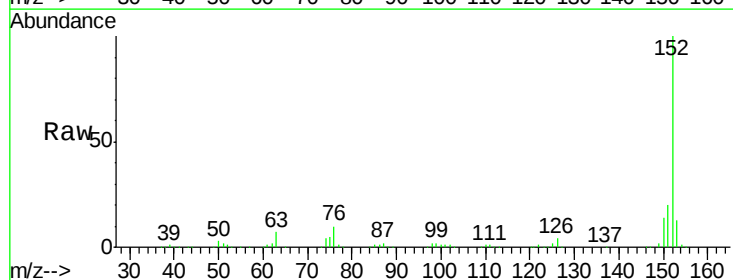
Instrument :
 BNA_F
 ClientSampleId :

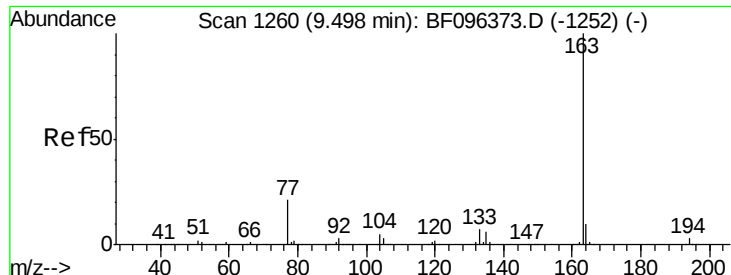
Tot Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	111.1	78.8	118.2



#48
 Acenaphthylene
 Concen: 36.80 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.4	10.8	16.2

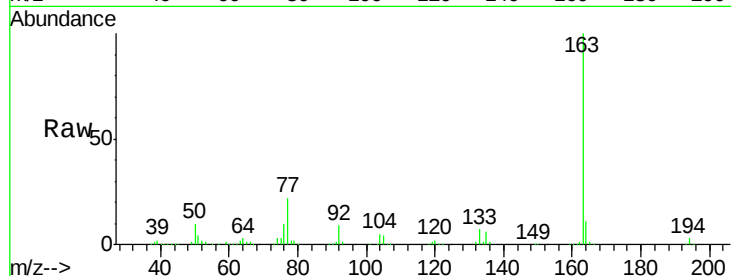




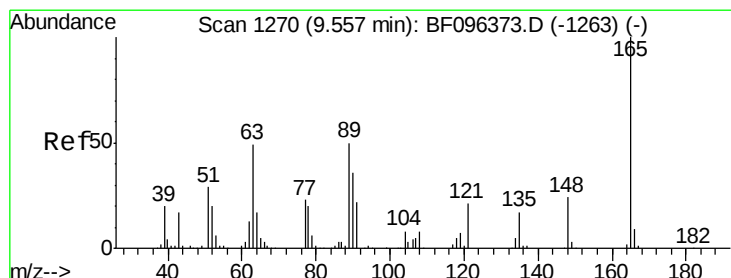
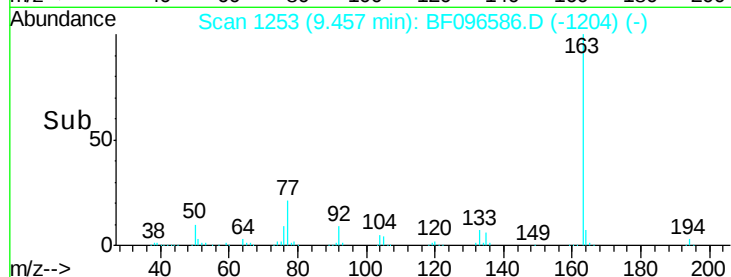
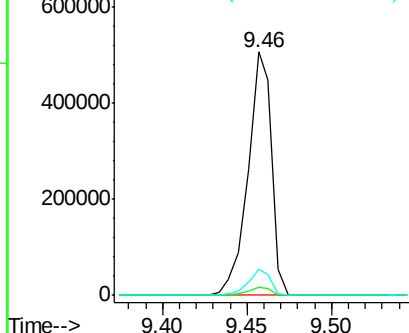
#49
Dimethylphthalate
Concen: 50.52 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 495240
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.4 12.6

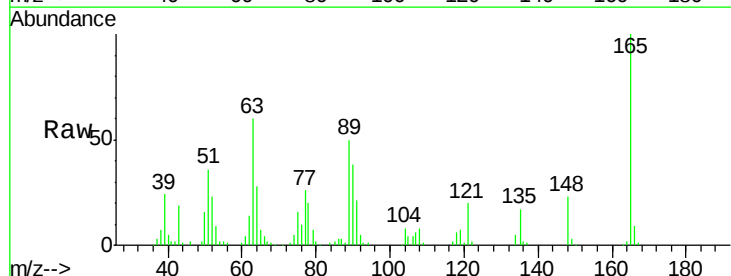


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

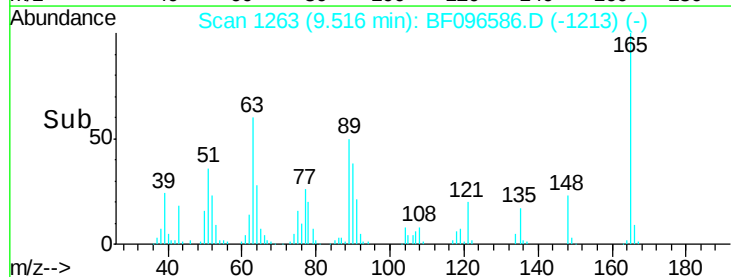
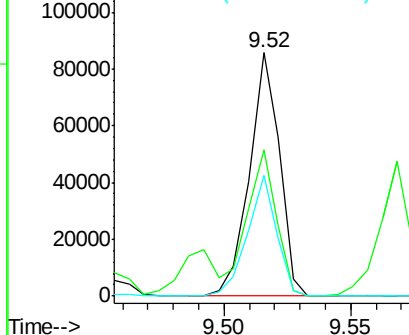


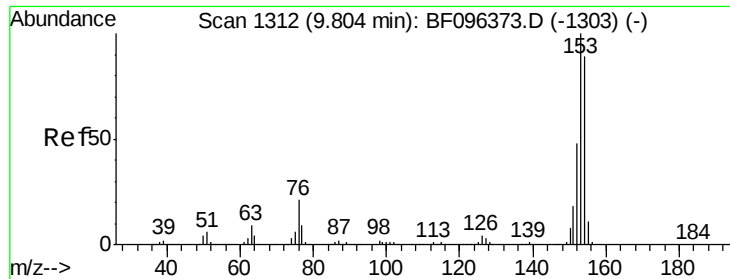
#50
2,6-Dinitrotoluene
Concen: 32.82 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Tgt Ion:165 Resp: 71153
Ion Ratio Lower Upper
165 100
63 60.1 34.3 51.5#
89 49.5 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.65 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampled :

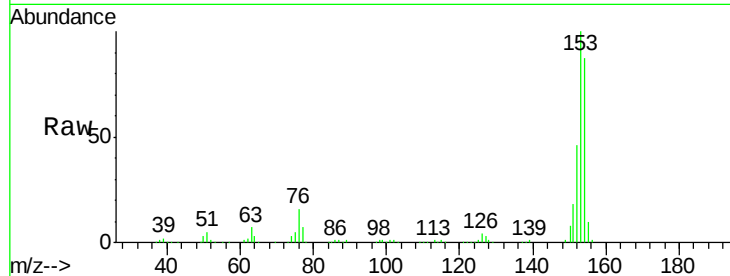
Tot Ion:154 Resp: 283784

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

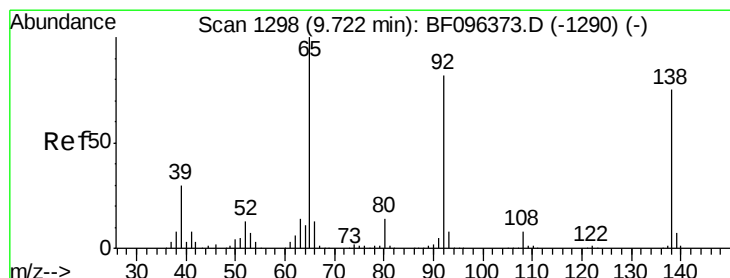
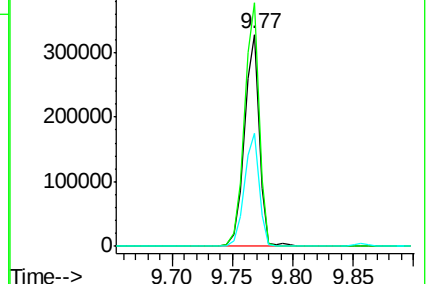
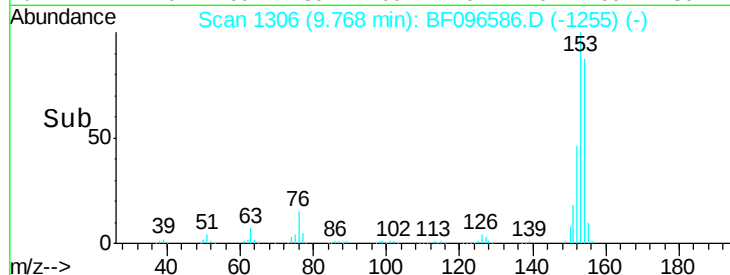
152 53.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.99 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

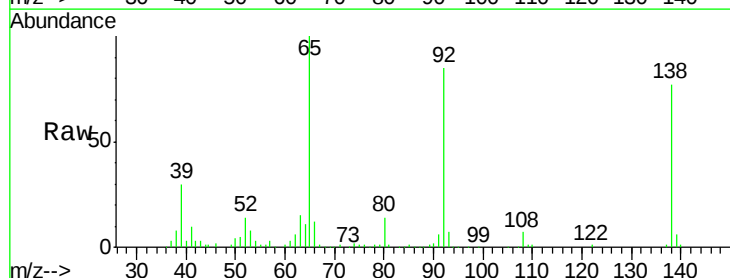
Tgt Ion:138 Resp: 94613

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

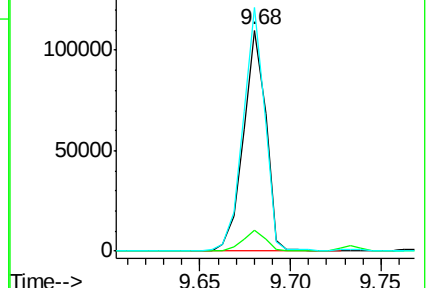
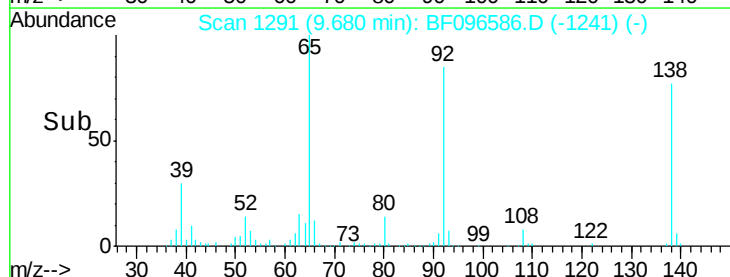
92 110.2 93.8 140.6

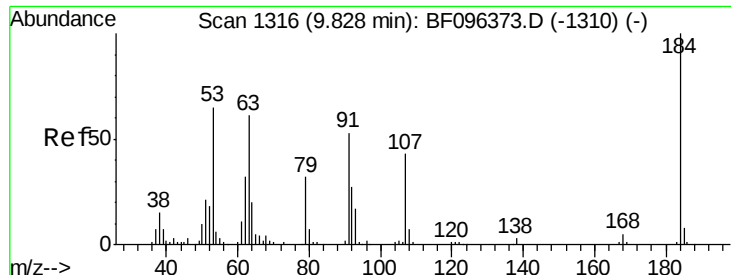


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

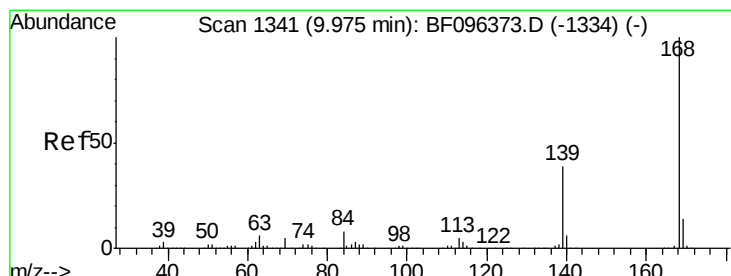
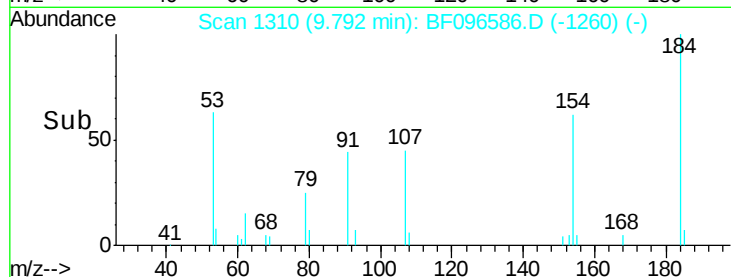
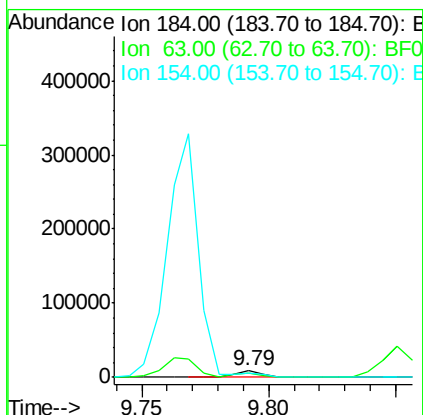
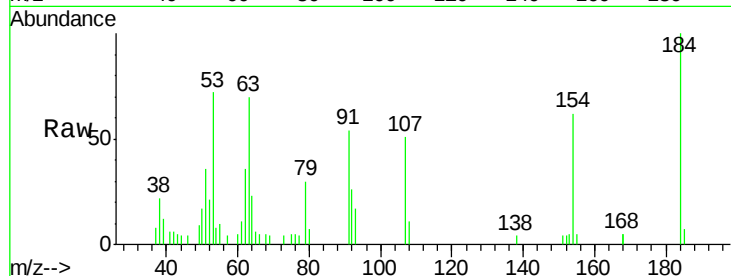




#53
2,4-Dinitrophenol
Concen: 6.41 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

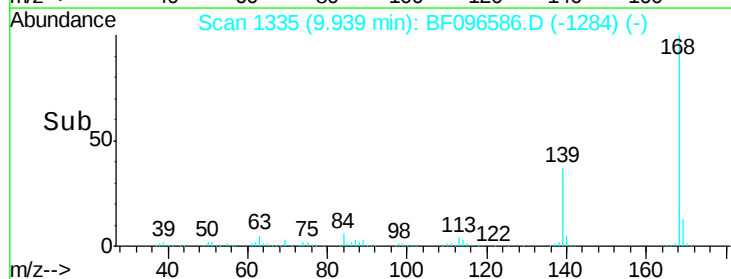
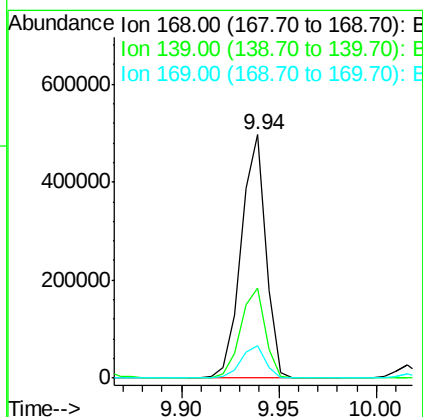
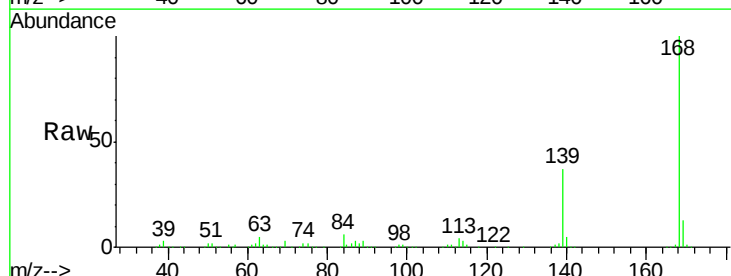
Instrument :
BNA_F
ClientSampleId :

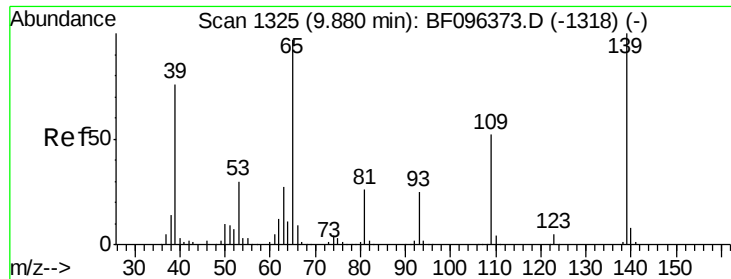
Tot Ion:184 Resp: 7383
Ion Ratio Lower Upper
184 100
63 70.0 62.7 94.1
154 62.3 81.1 121.7#



#54
Dibenzofuran
Concen: 40.23 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Tgt Ion:168 Resp: 435013
Ion Ratio Lower Upper
168 100
139 36.8 30.6 45.8
169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 59.34 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF096586.D

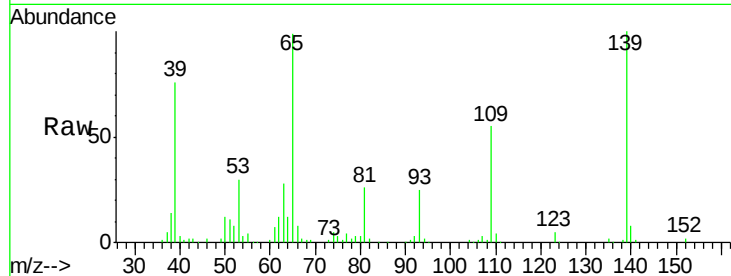
Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampled :

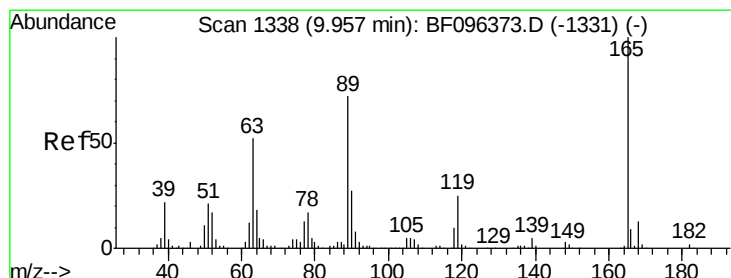
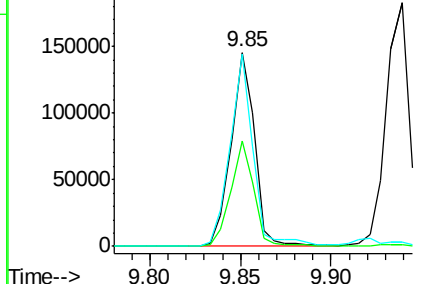
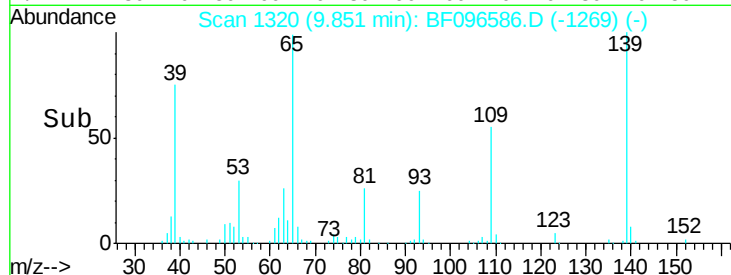
Tot Ion:	139	Resp:	132992
Ion	Ratio	Lower	Upper
139	100		
109	54.6	34.1	74.1
65	98.9	31.4	71.4#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 31.56 ng

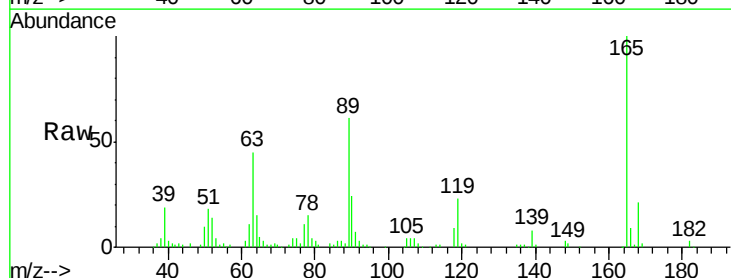
RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Tgt Ion:	165	Resp:	86639
Ion	Ratio	Lower	Upper
165	100		
63	44.9	25.4	38.0#
89	61.1	46.4	69.6
182	2.5	1.8	2.6

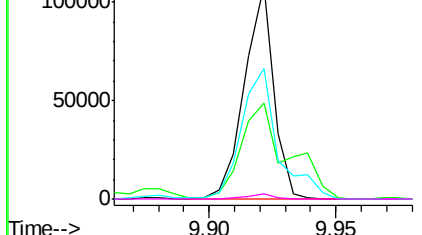
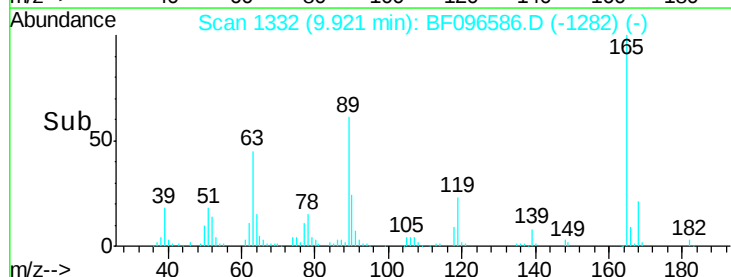


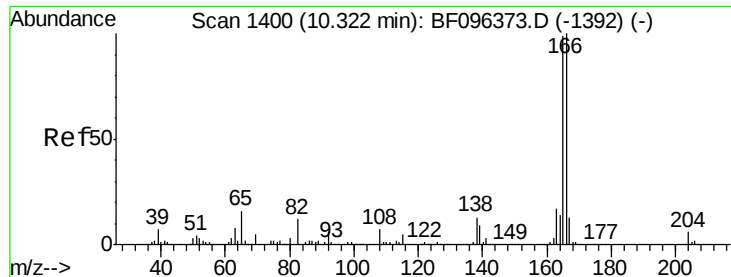
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

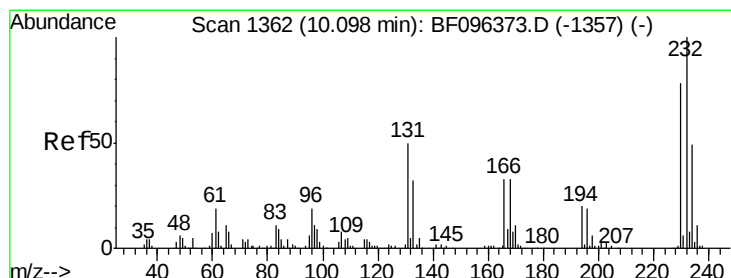
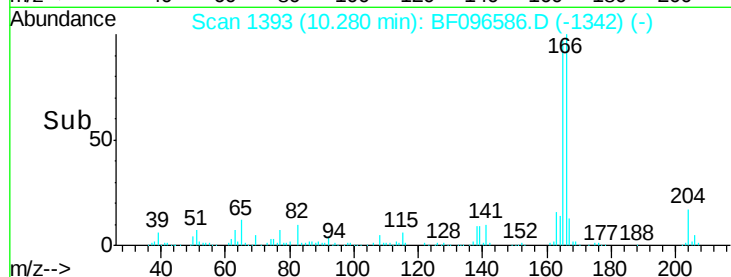
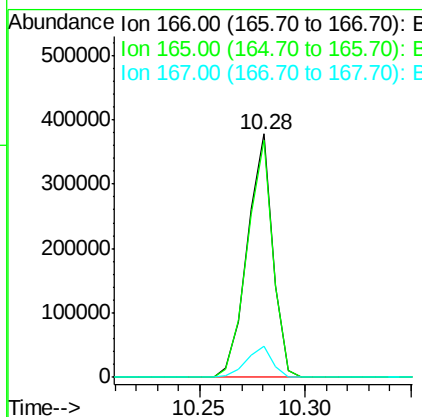
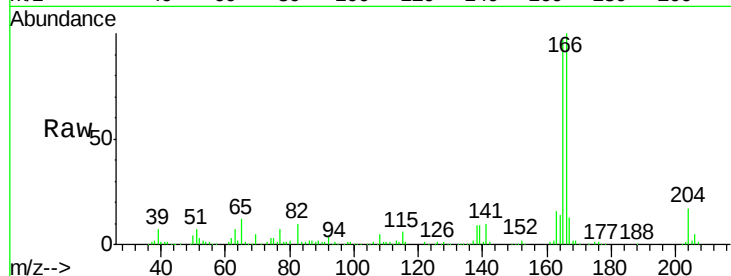




#57
 Fluorene
 Concen: 41.28 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

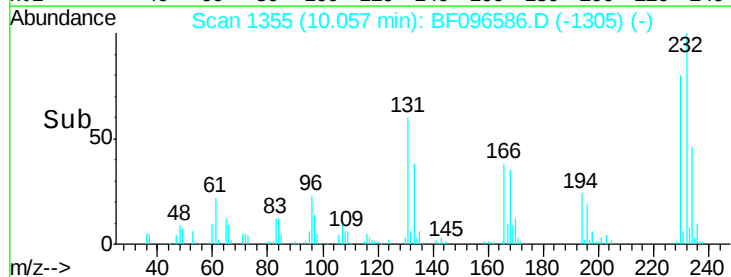
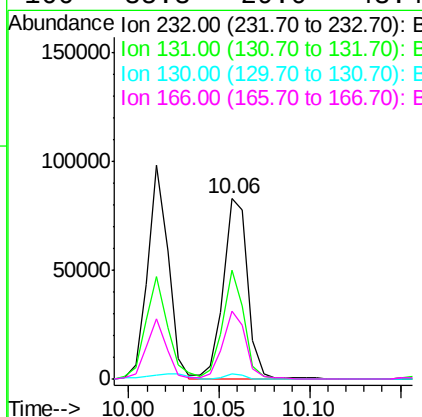
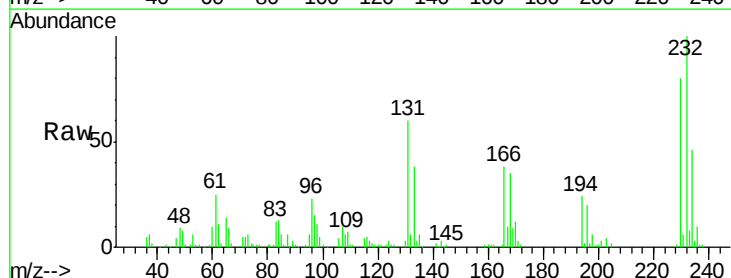
Instrument :
 BNA_F
 ClientSampled :

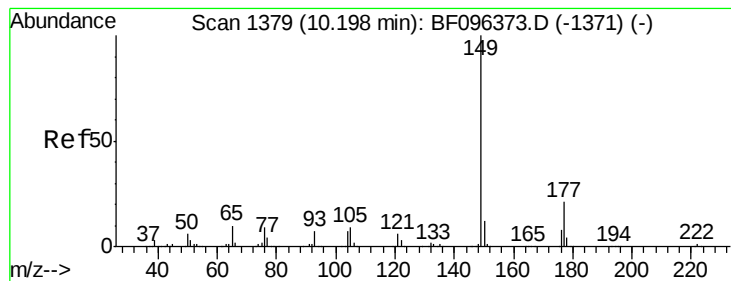
Tot Ion:166 Resp: 315259
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.24 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion:232 Resp: 77939
 Ion Ratio Lower Upper
 232 100
 131 52.5 44.8 67.2
 130 2.3 2.3 3.5#
 166 35.3 29.0 43.4





#59

Diethylphthalate

Concen: 39.10 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

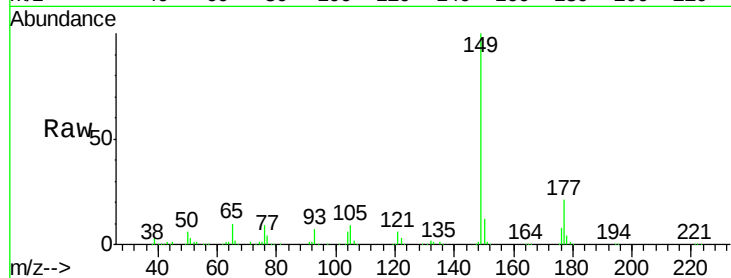
Tot Ion:149 Resp: 362309

Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

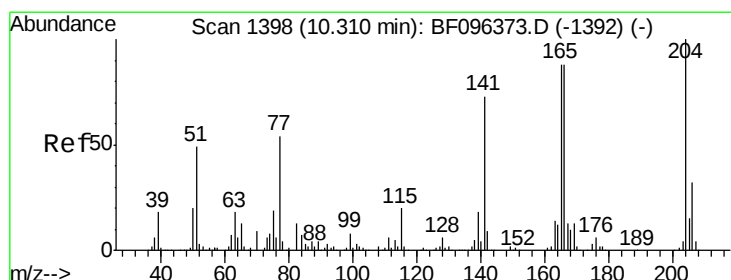
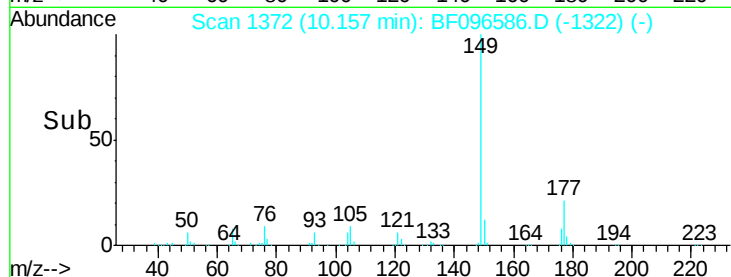
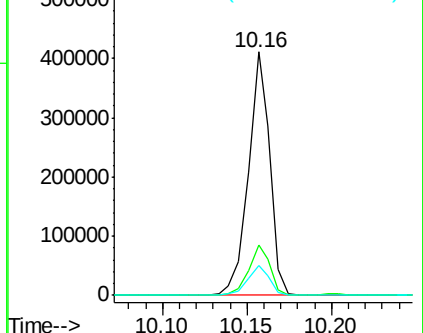
150 12.1 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 39.89 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

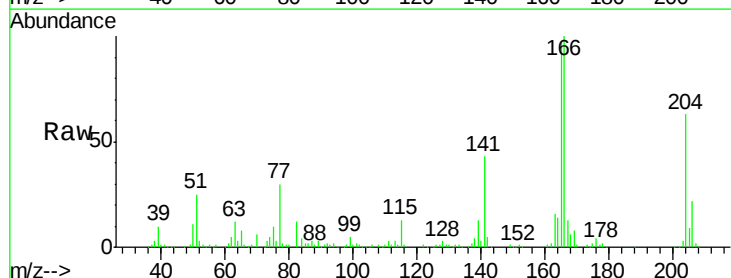
Tgt Ion:204 Resp: 132562

Ion Ratio Lower Upper

204 100

206 34.4 26.2 39.2

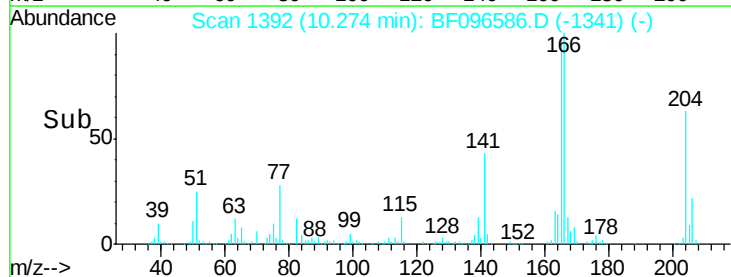
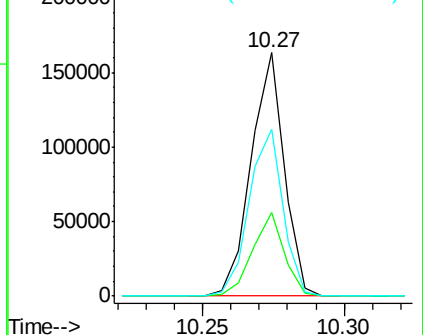
141 68.7 60.8 91.2

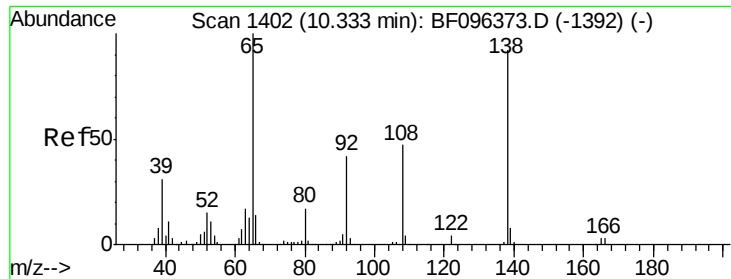


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

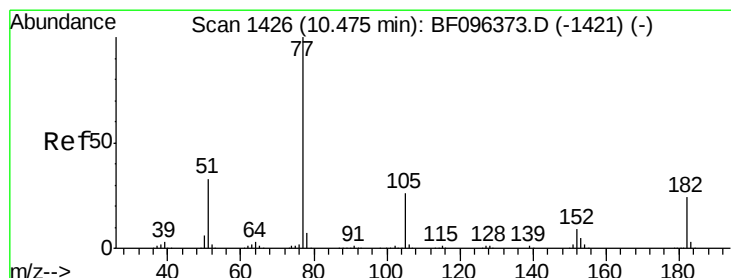
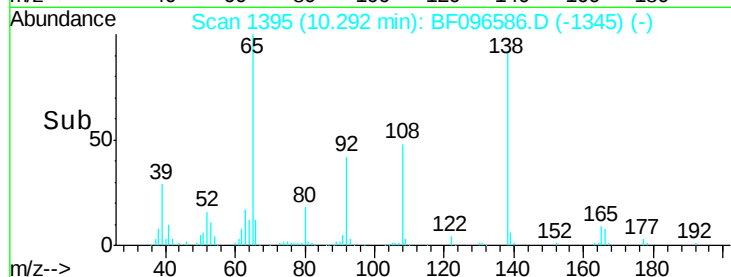
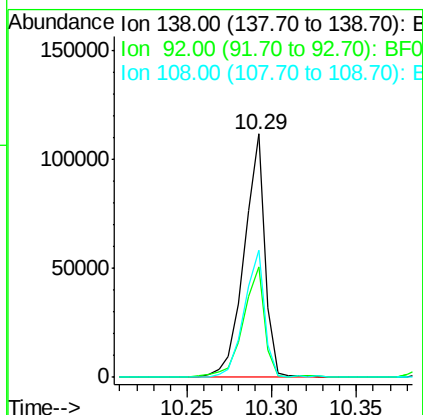
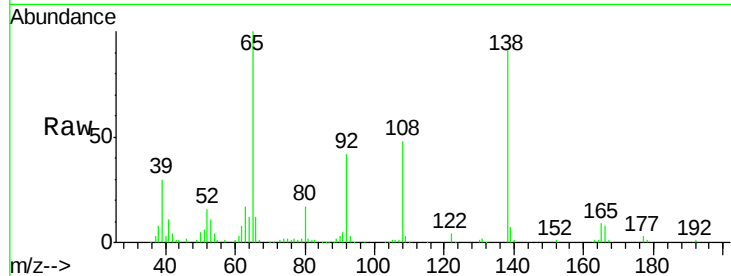




#61
4-Nitroaniline
Concen: 39.29 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

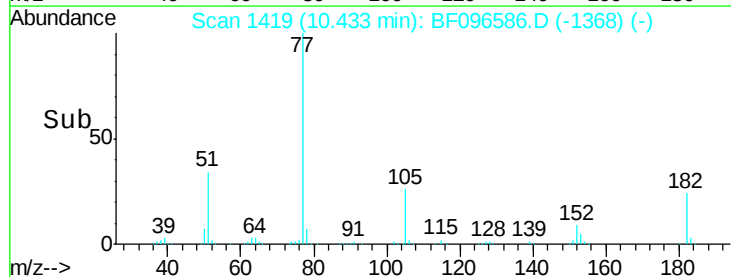
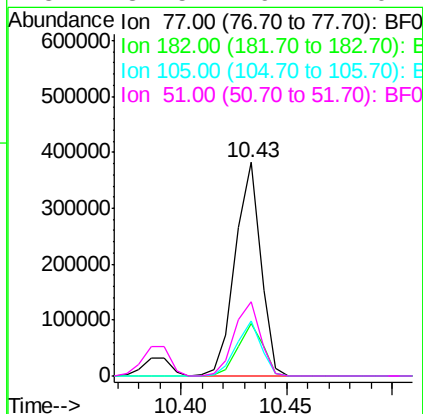
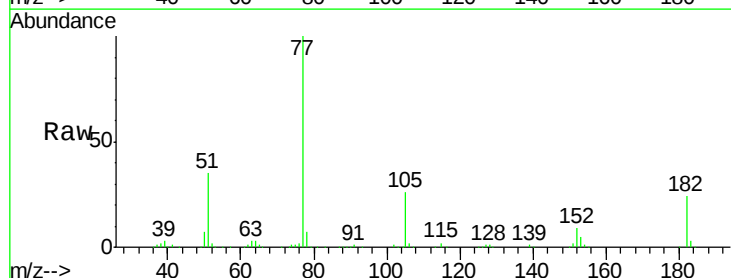
Instrument :
BNA_F
ClientSampled :

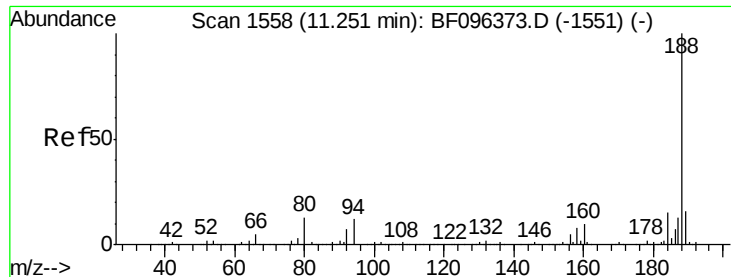
Tot Ion:138 Resp: 96614
Ion Ratio Lower Upper
138 100
92 45.5 21.8 61.8
108 52.4 42.3 82.3



#62
Azobenzene
Concen: 35.60 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Tgt Ion: 77 Resp: 319005
Ion Ratio Lower Upper
77 100
182 24.5 0.1 40.1
105 25.6 3.6 43.6
51 34.5 9.4 49.4

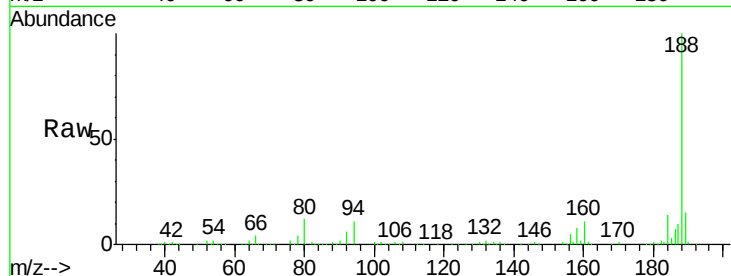




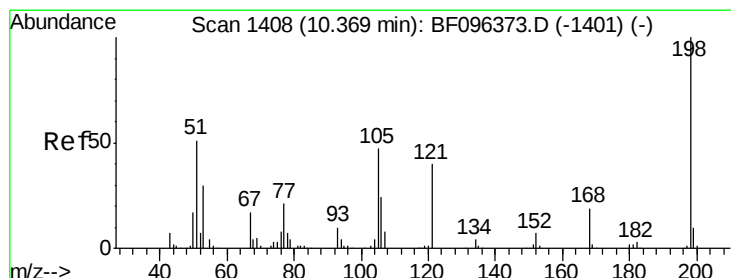
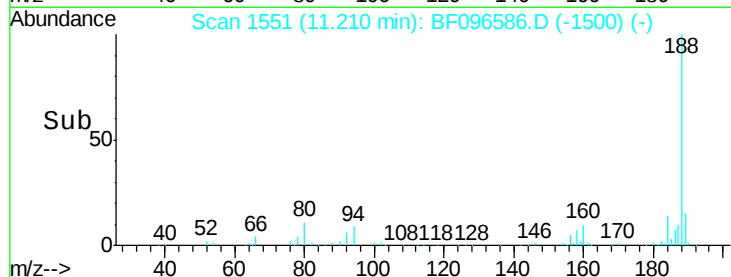
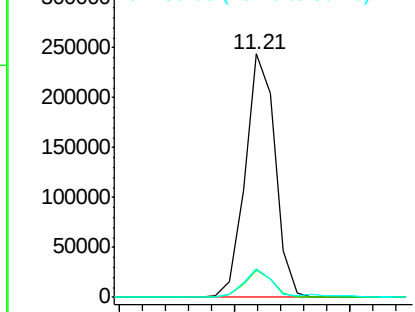
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 219785
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.5 10.2 15.2

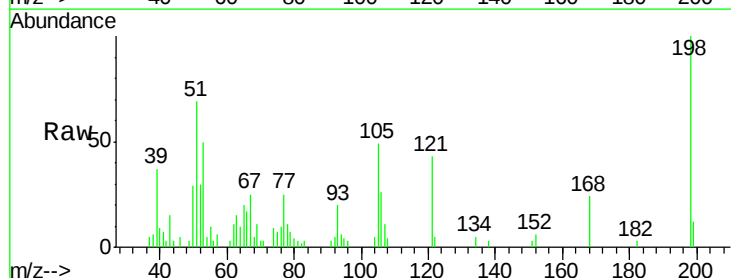


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

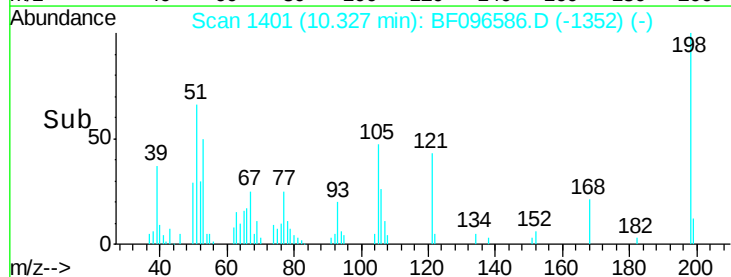
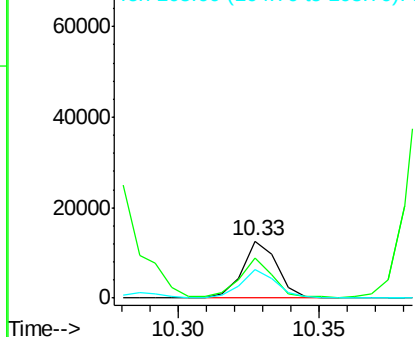


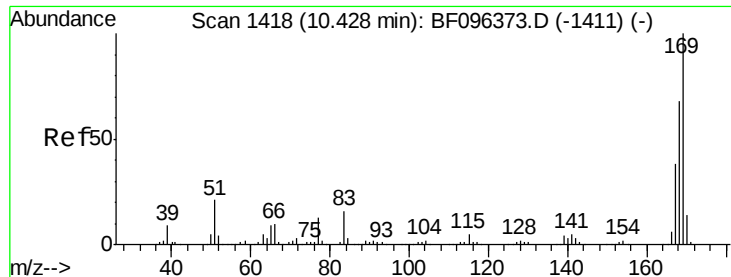
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.07 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion:198 Resp: 10717
 Ion Ratio Lower Upper
 198 100
 51 69.2 53.2 93.2
 105 48.9 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

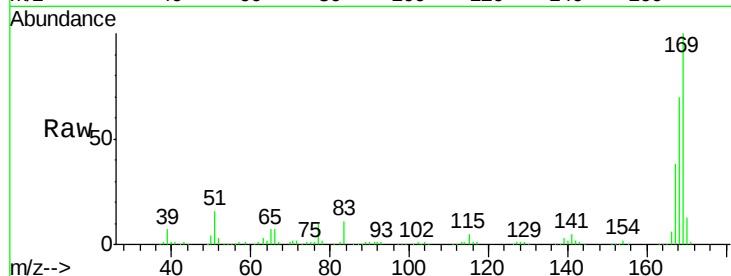




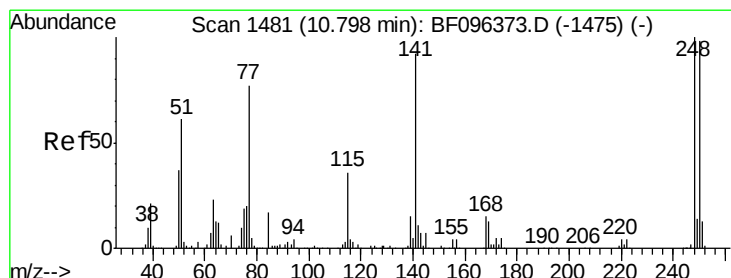
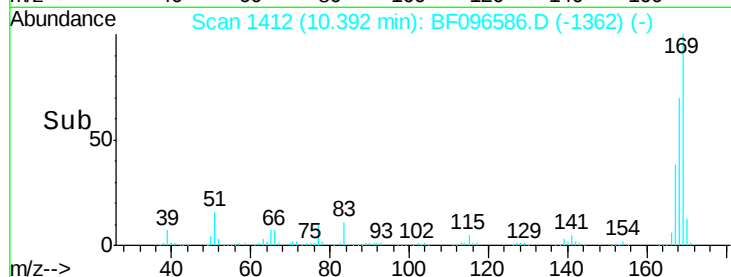
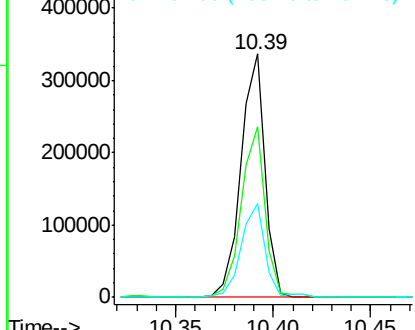
#65
 n-Nitrosodiphenylamine
 Concen: 37.17 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 286626
 Ion Ratio Lower Upper
 169 100
 168 70.0 53.2 79.8
 167 38.5 29.5 44.3

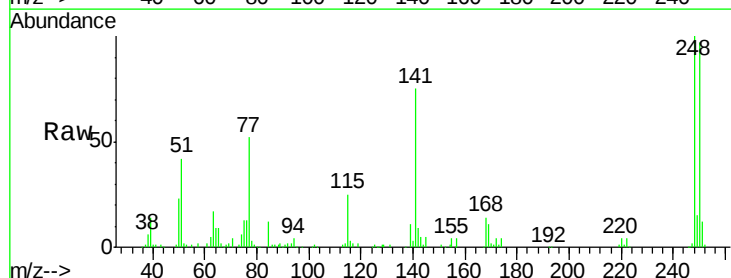


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

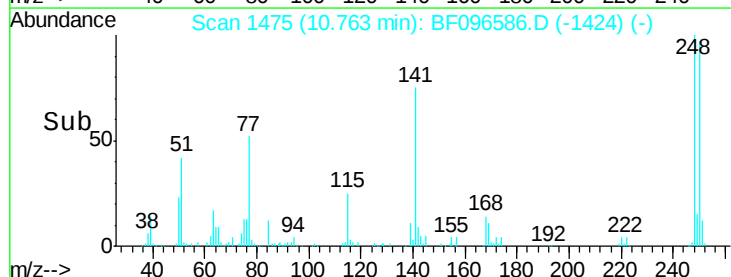
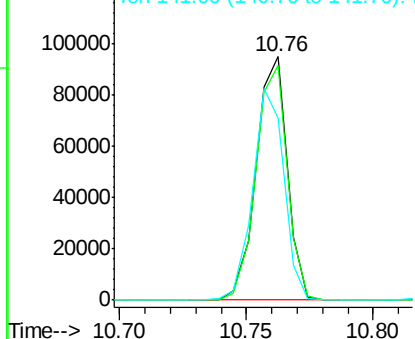


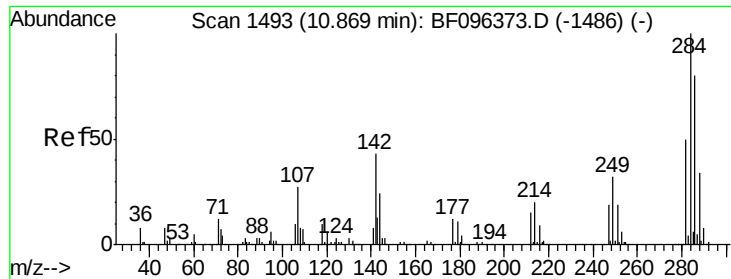
#66
 4-Bromophenyl-phenylether
 Concen: 38.20 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion:248 Resp: 81722
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.8 115.2
 141 74.9 68.6 103.0



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

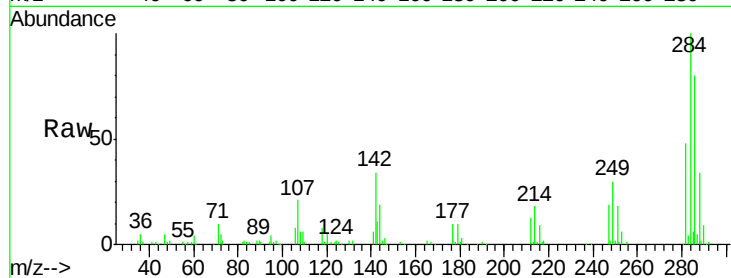




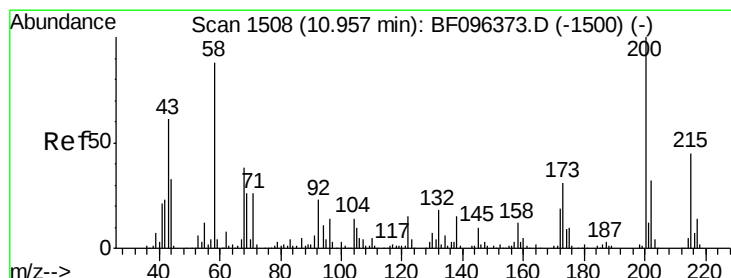
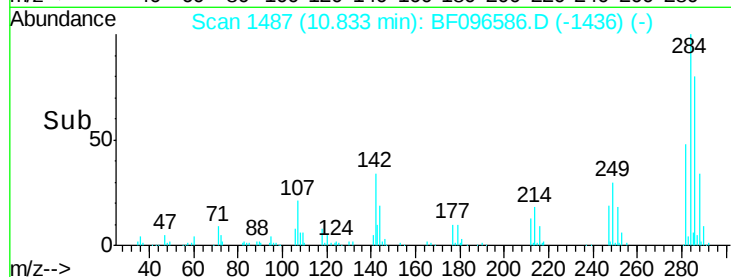
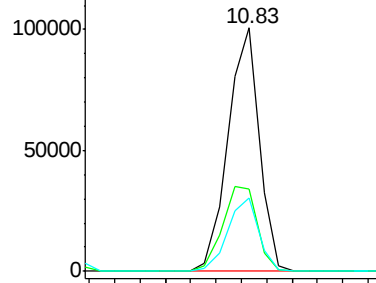
#67
Hexachlorobenzene
Concen: 37.19 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 87093
Ion Ratio Lower Upper
284 100
142 34.0 22.8 34.2
249 29.9 24.0 36.0

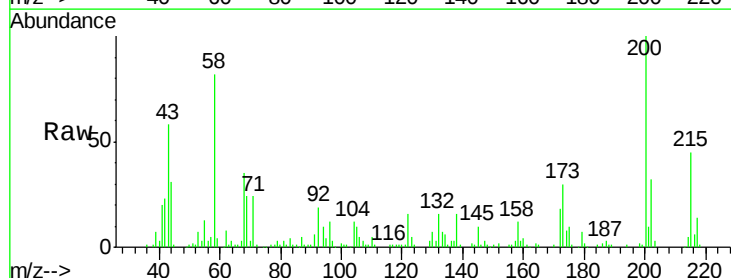


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

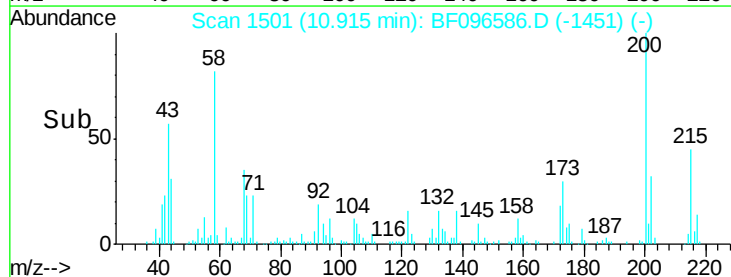
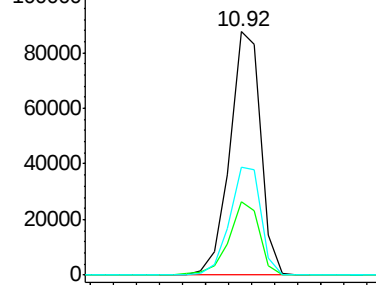


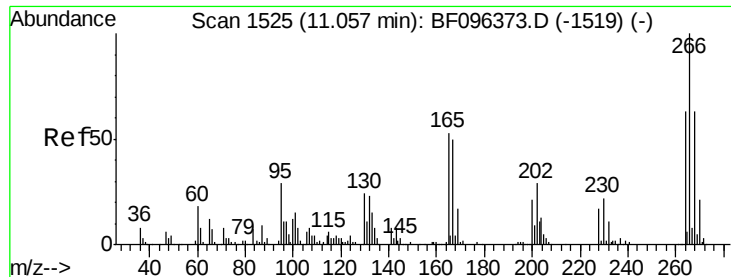
#68
Atrazine
Concen: 37.20 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Tgt Ion:200 Resp: 81947
Ion Ratio Lower Upper
200 100
173 30.3 6.3 46.3
215 44.6 27.2 67.2



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

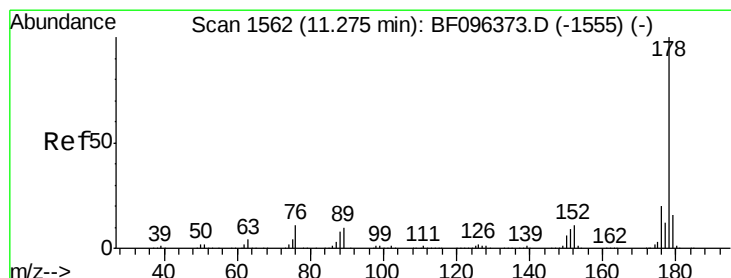
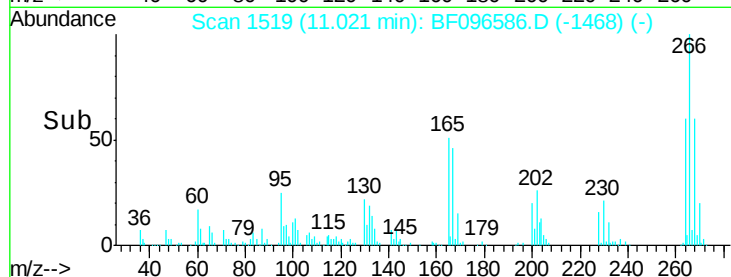
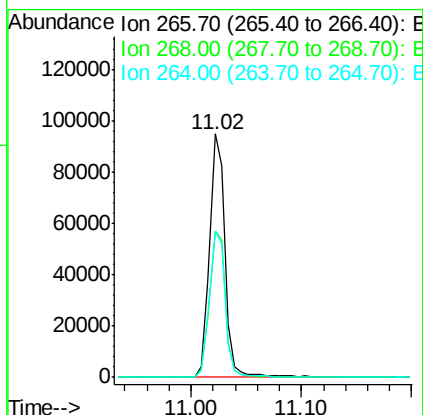
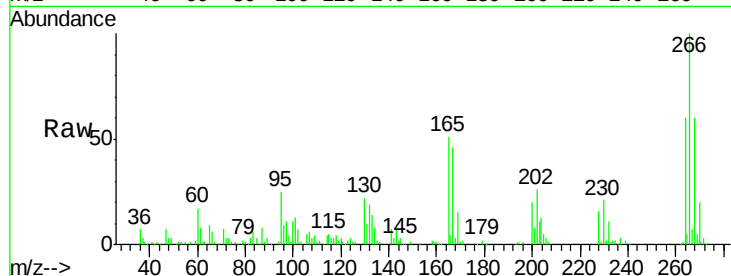




#69
 Pentachlorophenol
 Concen: 64.51 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

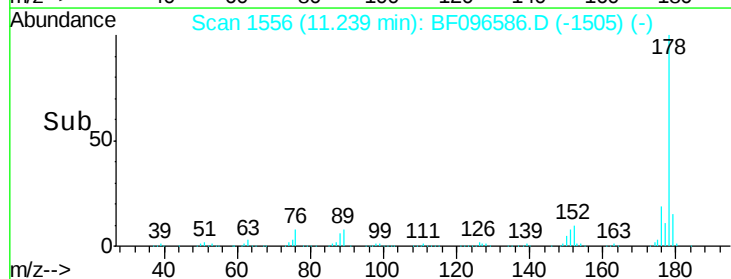
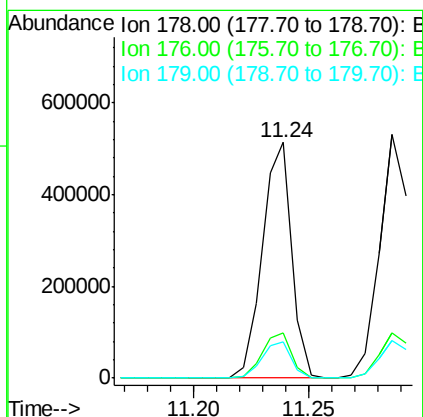
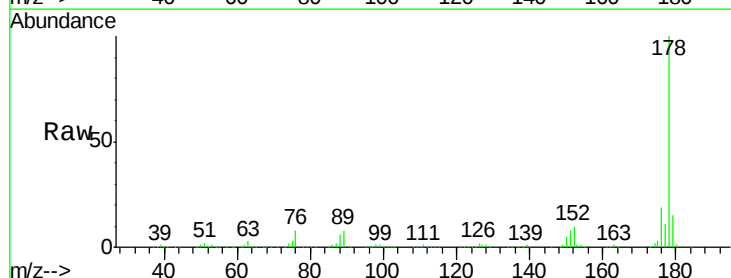
Instrument :
 BNA_F
 ClientSampleId :

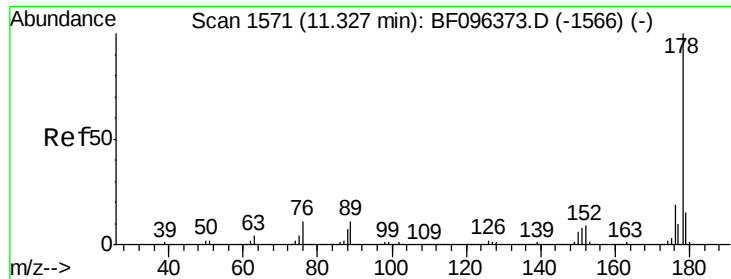
Tot Ion:266 Resp: 89551
 Ion Ratio Lower Upper
 266 100
 268 60.2 51.1 76.7
 264 60.3 51.7 77.5



#70
 Phenanthrene
 Concen: 38.24 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion:178 Resp: 454341
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.2 12.6 19.0





#71

Anthracene

Concen: 38.90 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

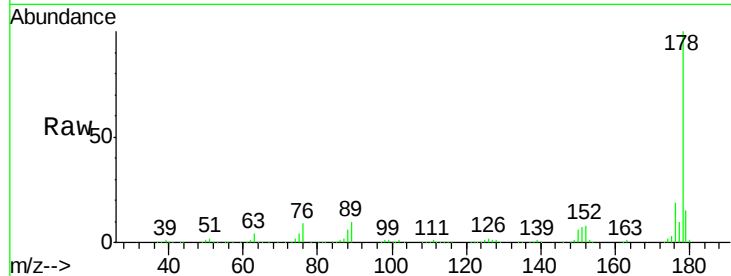
Tot Ion:178 Resp: 471031

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

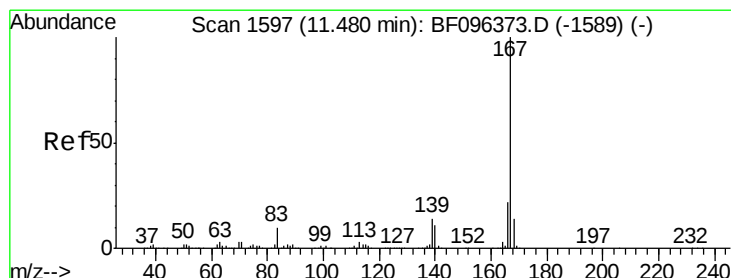
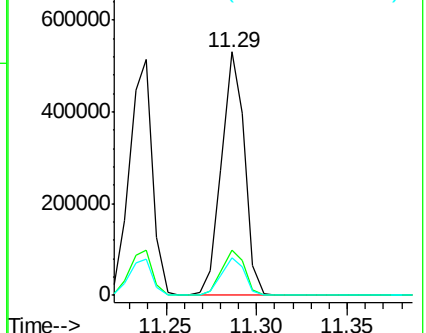
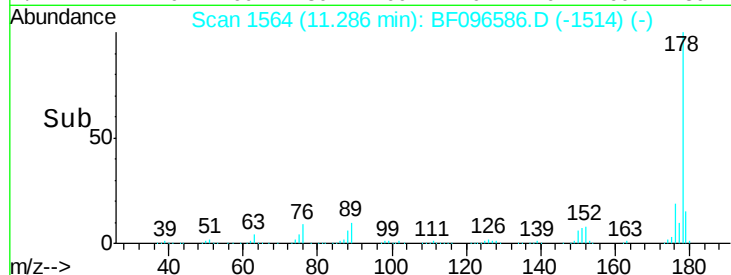
179 15.5 12.7 19.1



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

Carbazole

Concen: 38.05 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

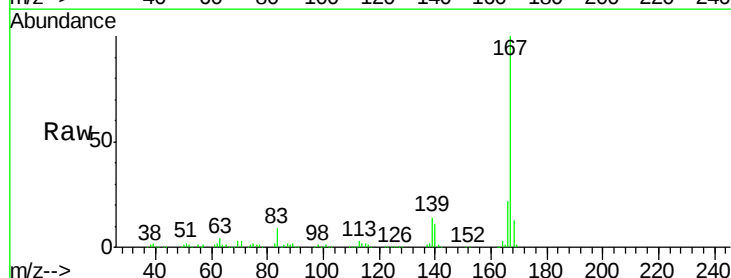
Tgt Ion:167 Resp: 463249

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

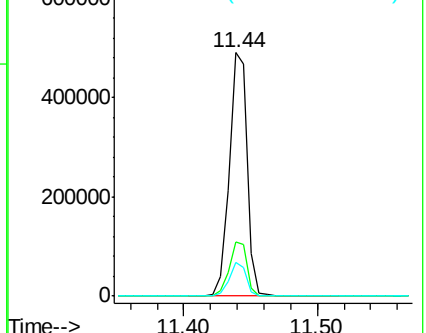
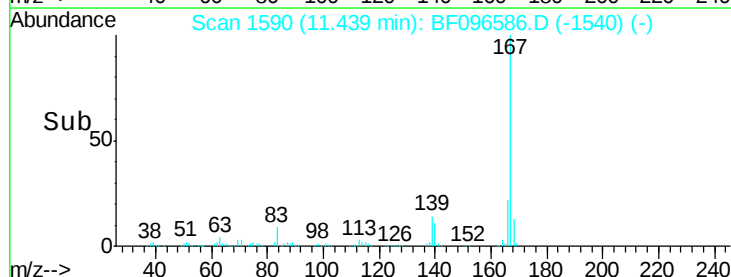
139 13.7 11.7 17.5

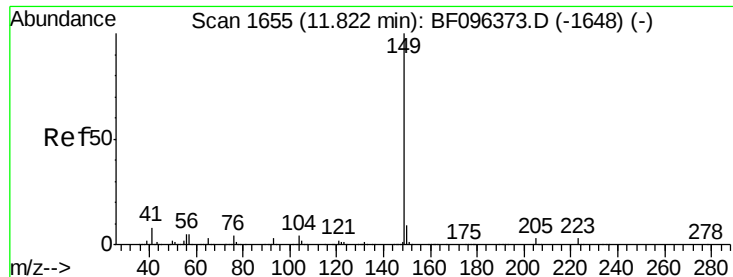


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.69 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

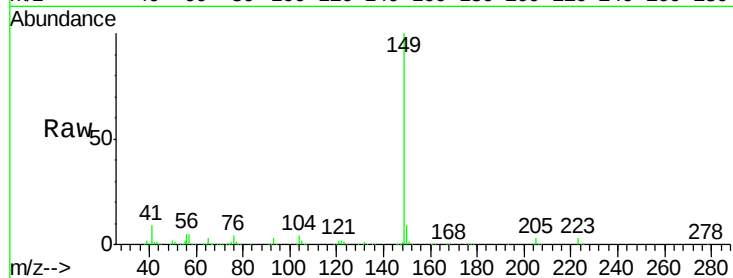
Tot Ion:149 Resp: 555876

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

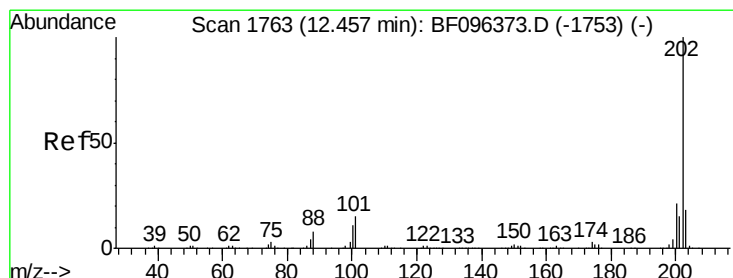
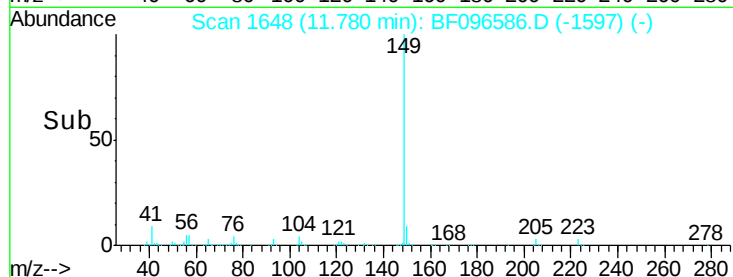
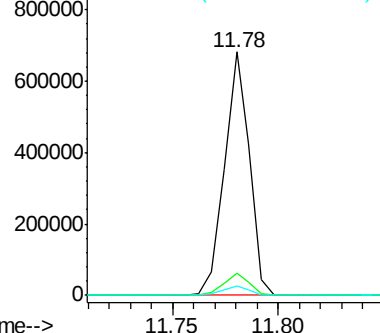
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.60 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

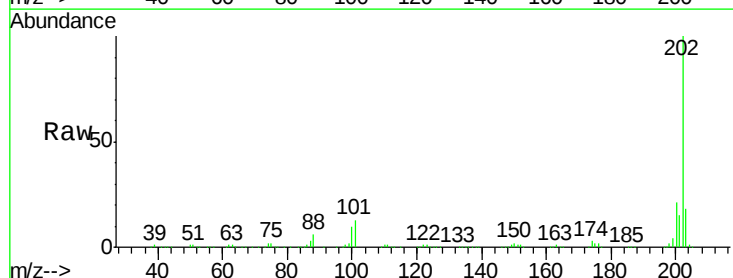
Tgt Ion:202 Resp: 472894

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

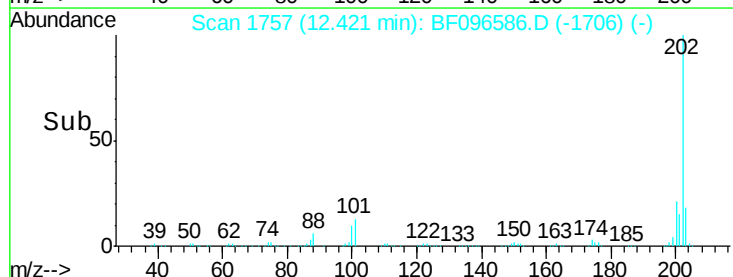
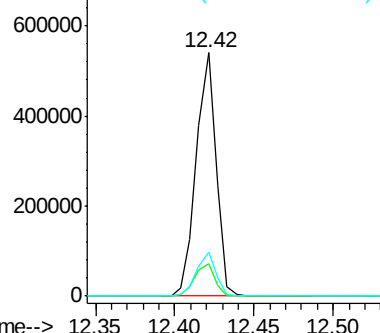
203 17.8 0.0 38.1

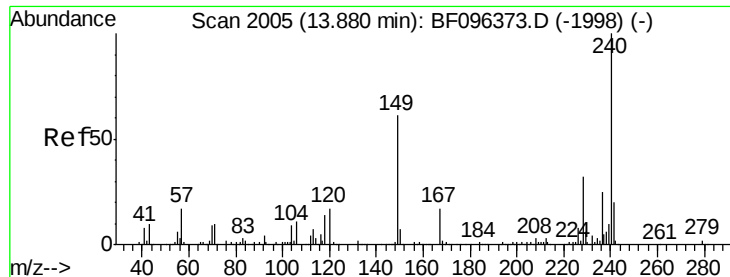


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

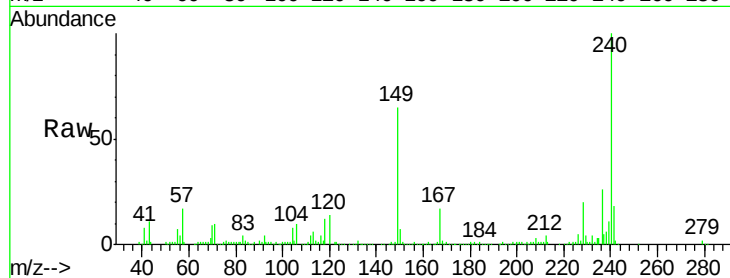
Tot Ion:240 Resp: 174644

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

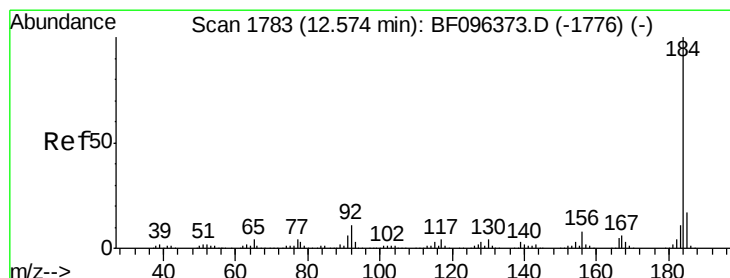
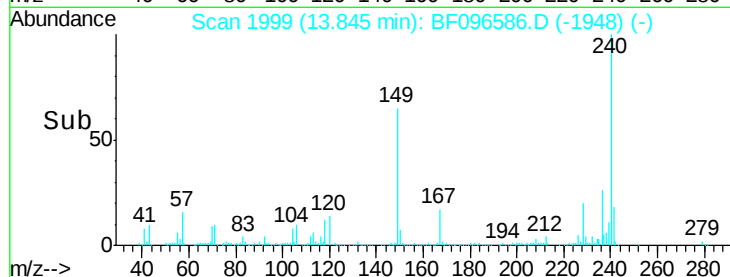
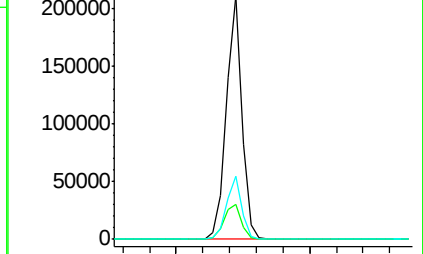
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.18 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

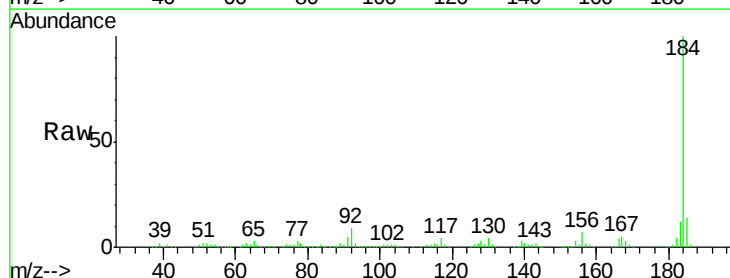
Tgt Ion:184 Resp: 428918

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

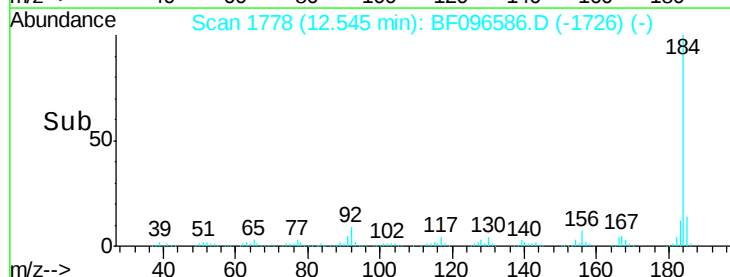
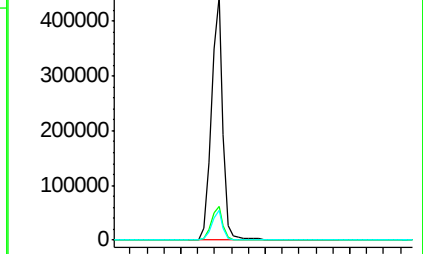
183 12.2 9.8 14.6

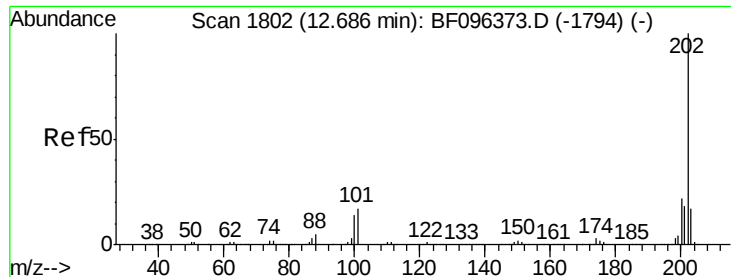


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

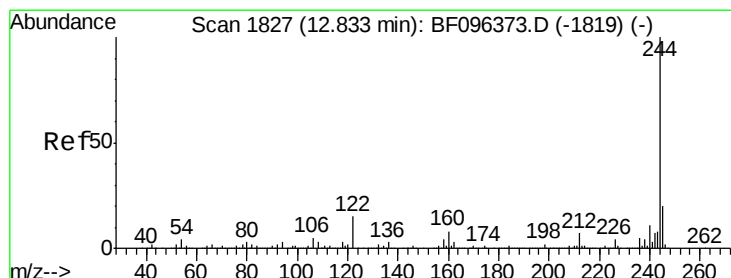
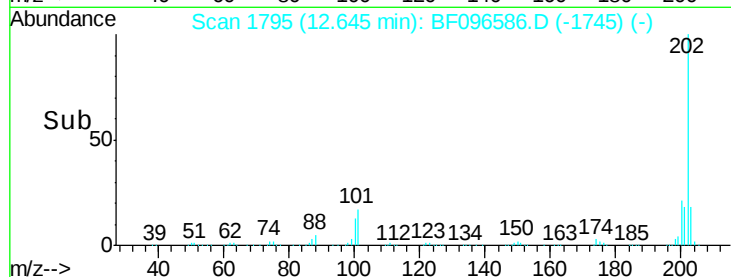
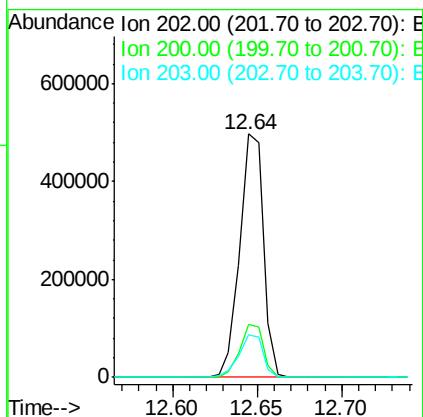
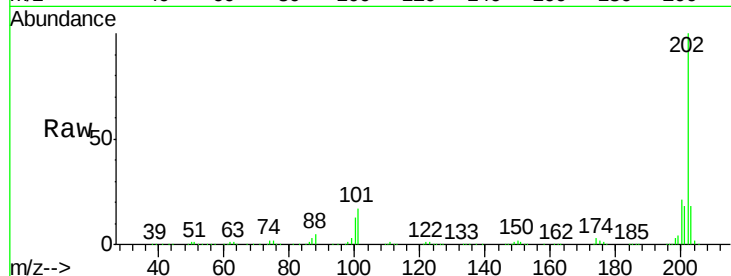




#77
Pvrene
Concen: 34.87 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

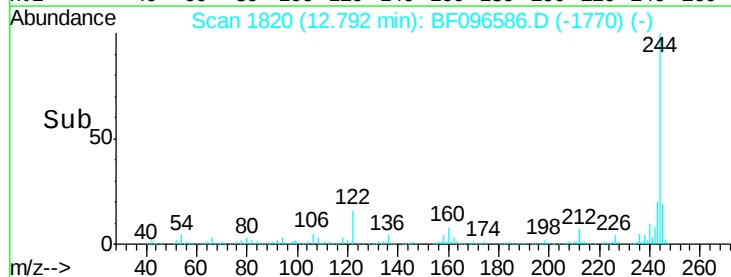
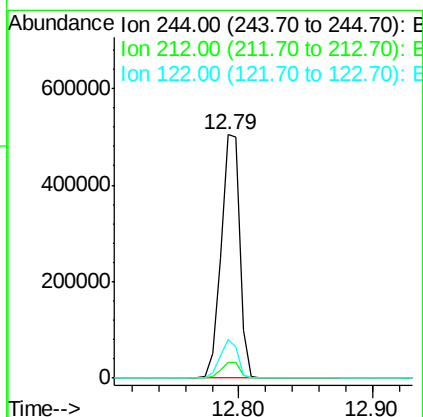
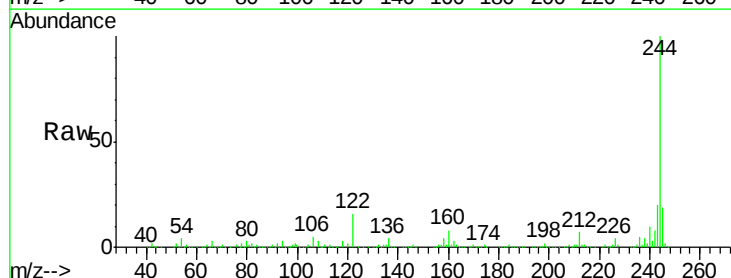
Instrument :
BNA_F
ClientSampleId :

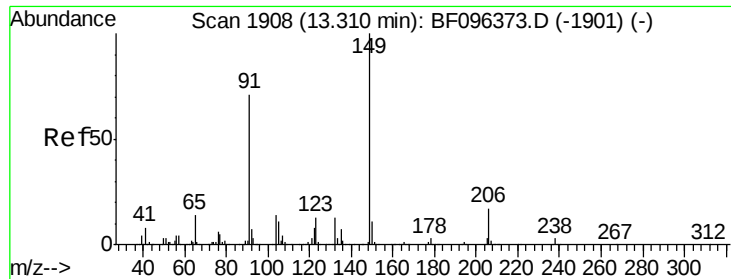
Tot Ion:202 Resp: 488803
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.6 14.4 21.6



#78
Terphenyl-d14
Concen: 61.24 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Tgt Ion:244 Resp: 500504
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 16.1 10.3 15.5#

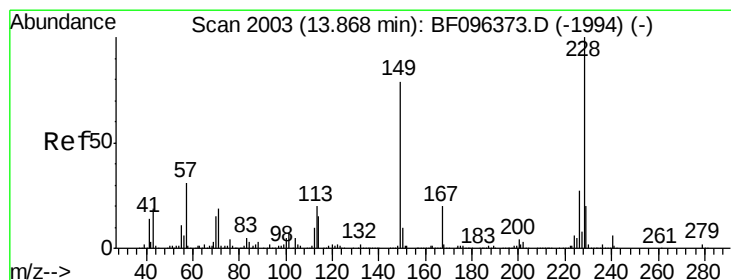
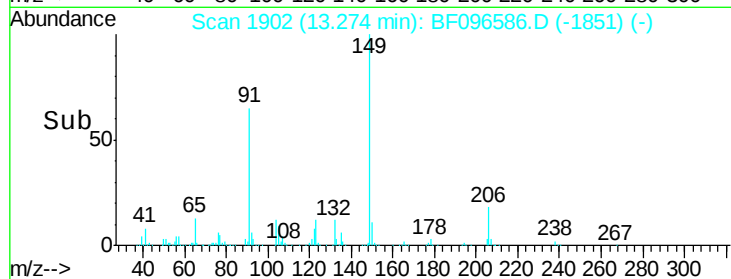
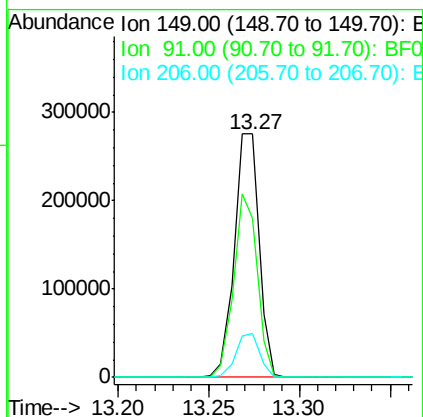
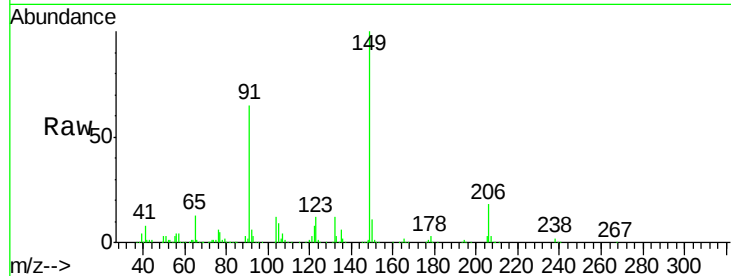




#79
Butylbenzylphthalate
Concen: 37.25 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

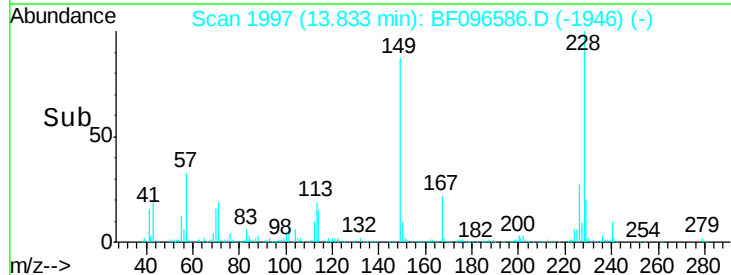
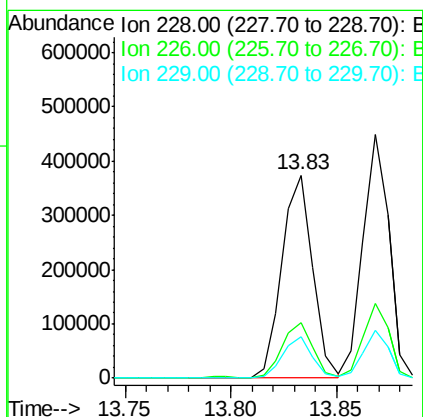
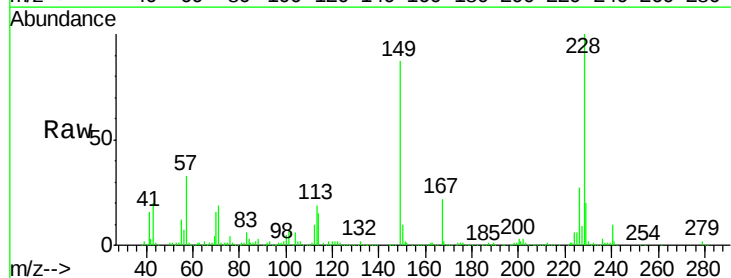
Instrument :
BNA_F
ClientSampleId :

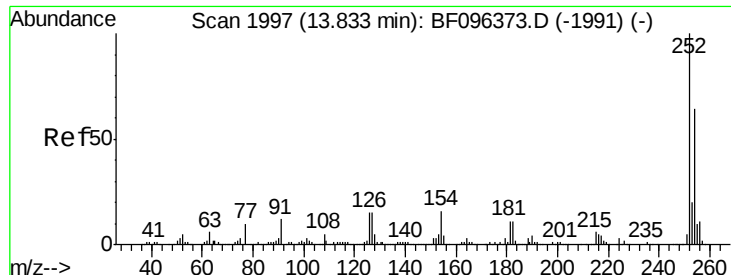
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	45.0	67.4
206	18.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 37.54 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.3	16.3	24.5

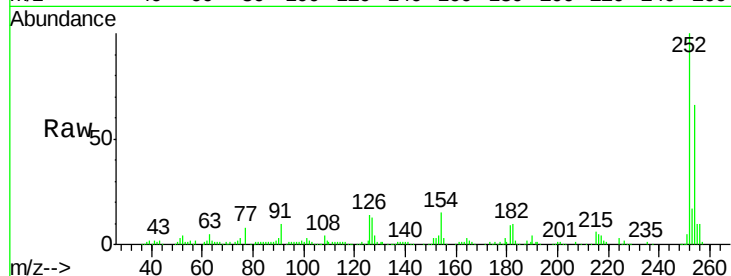




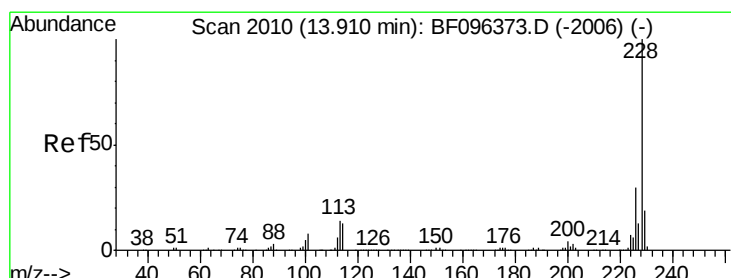
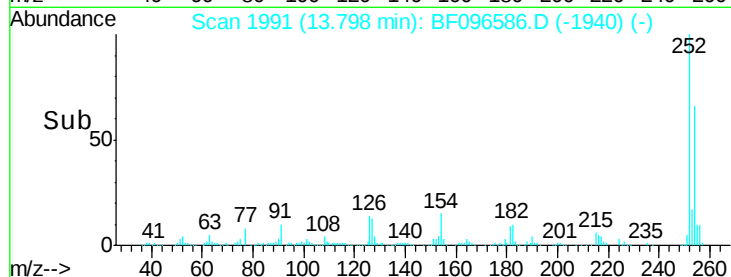
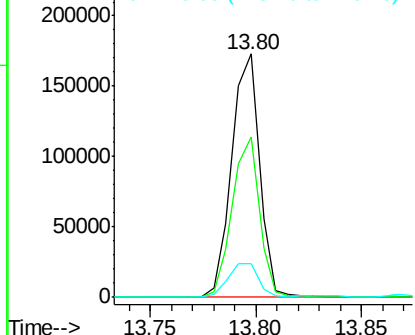
#81
 3,3'-Dichlorobenzidine
 Concen: 38.03 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 157951
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.5 77.3
 126 13.8 15.8 23.8#

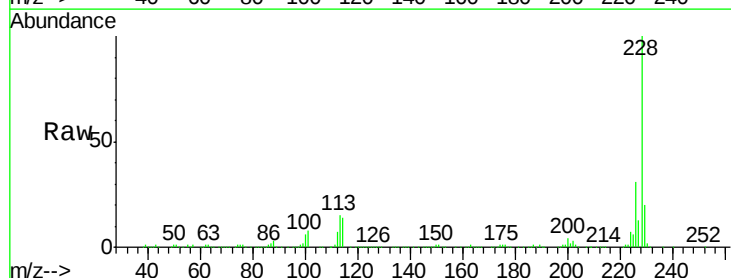


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

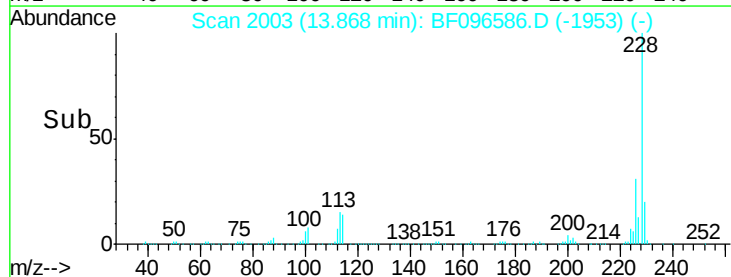
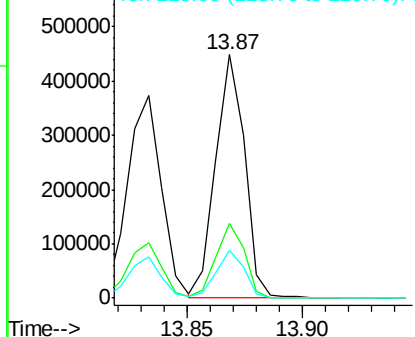


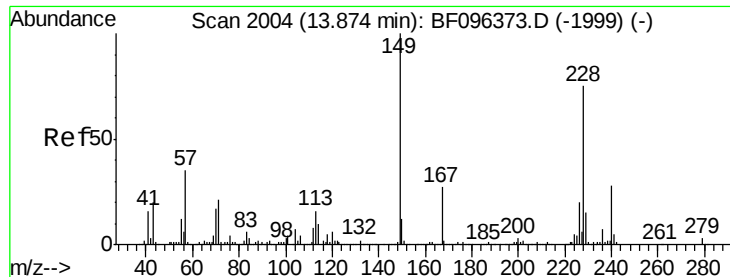
#82
 Chrysene
 Concen: 36.66 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Tgt Ion:228 Resp: 388282
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 19.5 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.36 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampled :

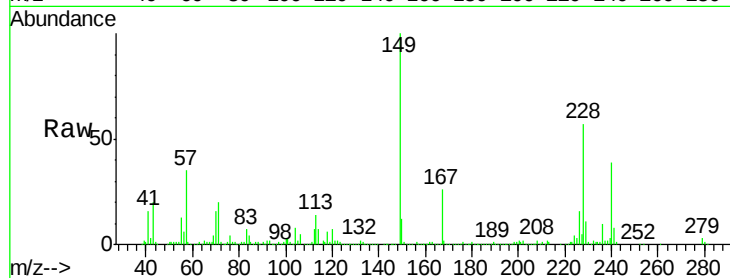
Tot Ion:149 Resp: 343465

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

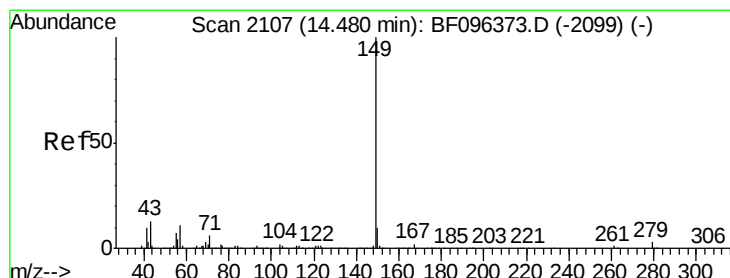
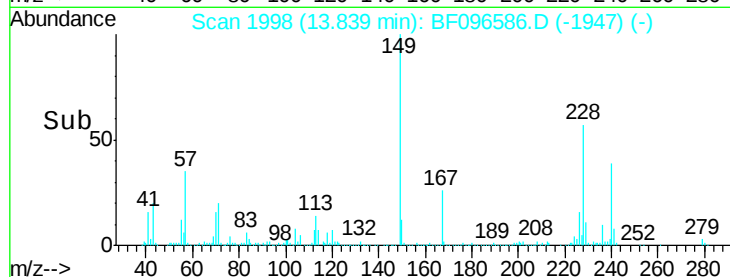
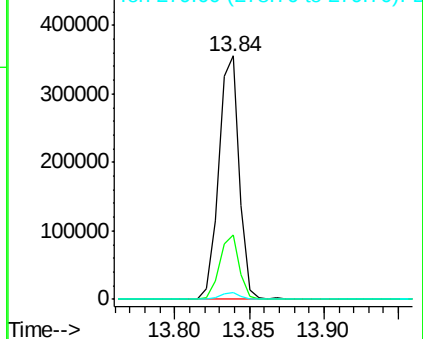
279 2.9 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.15 ng

RT: 14.44 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

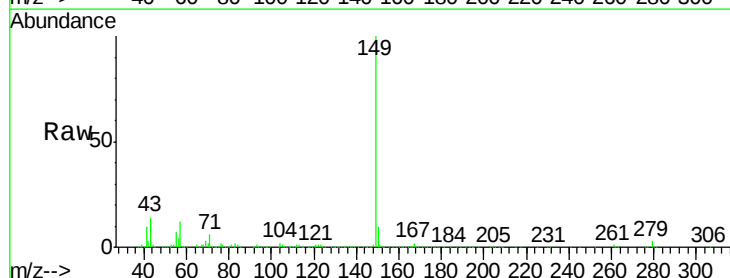
Tgt Ion:149 Resp: 626352

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

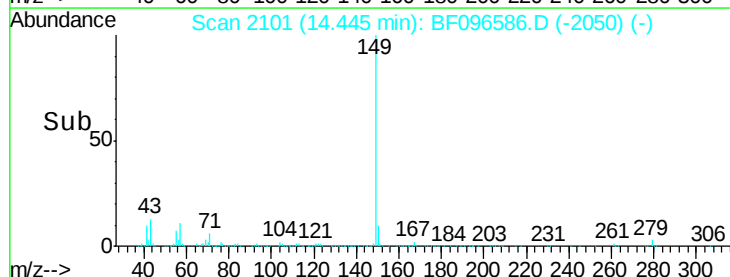
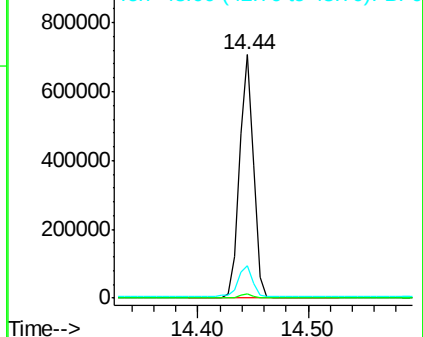
43 13.1 8.5 12.7#

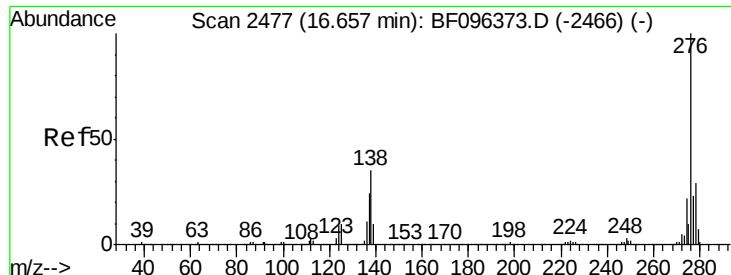


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

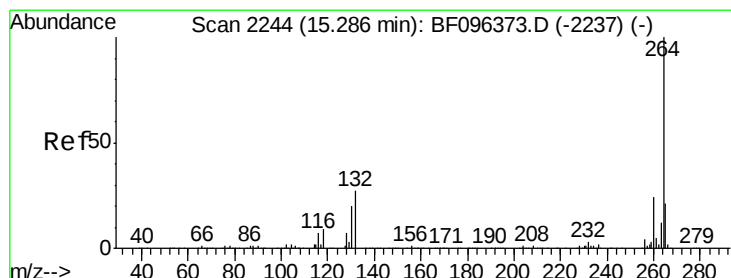
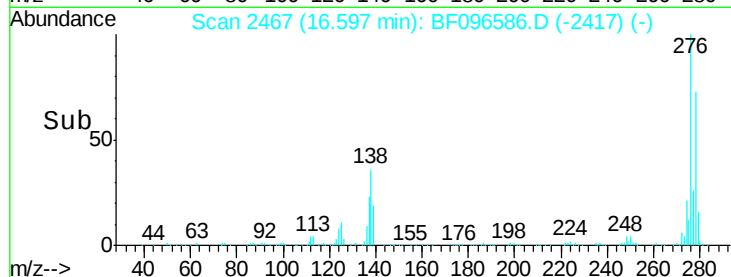
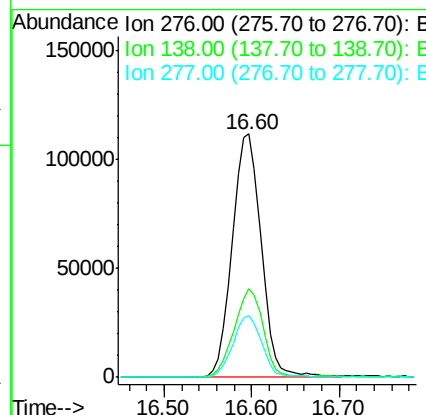
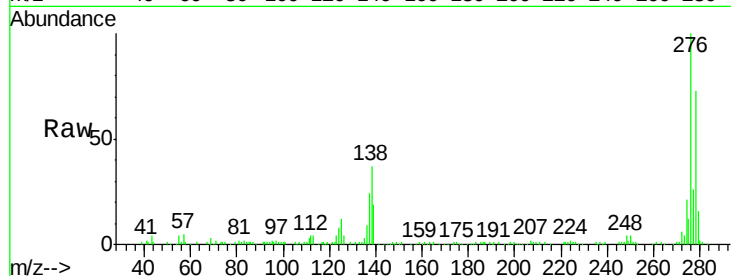




#85
Indeno(1,2,3-cd)pyrene
Concen: 30.28 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

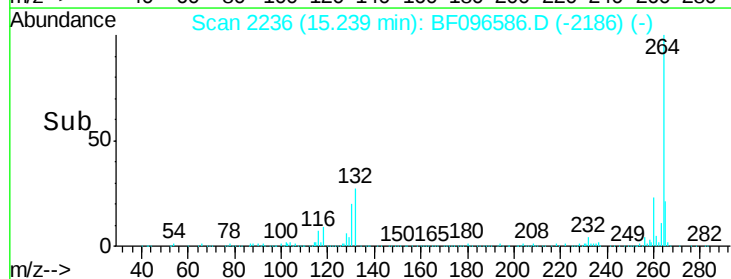
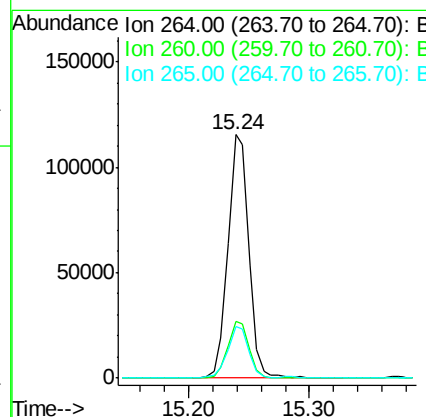
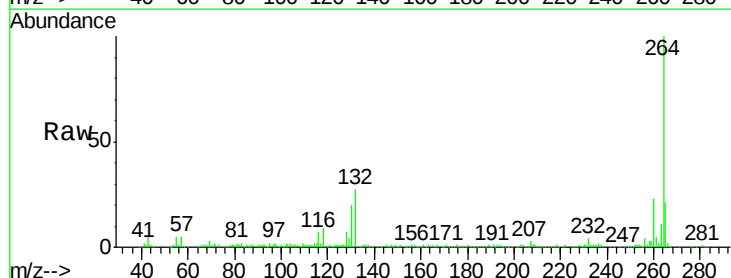
Instrument :
BNA_F
ClientSampled :

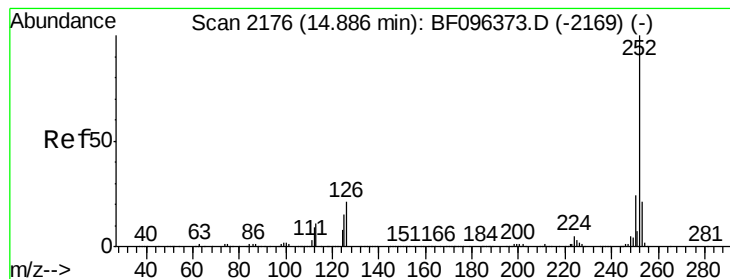
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.2	27.8	41.6
277	25.0	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.89 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

Instrument :

BNA_F

ClientSampleId :

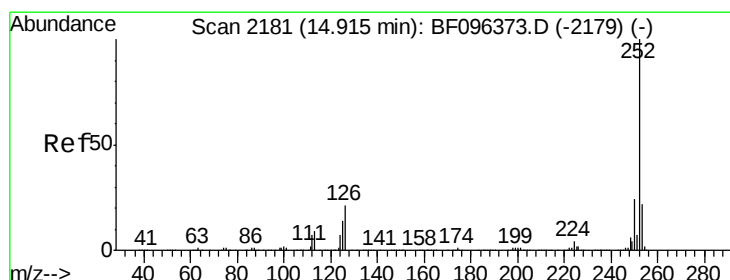
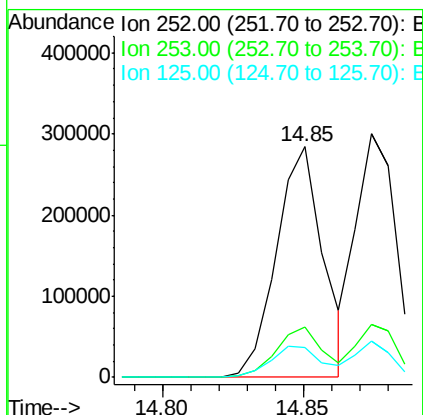
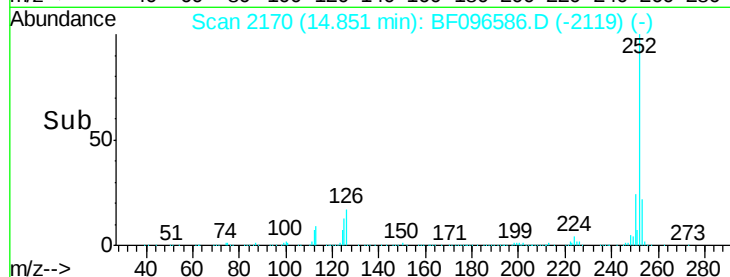
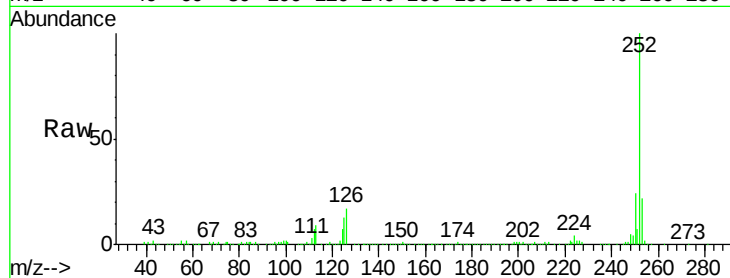
Tot Ion:252 Resp: 326017

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 13.2 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 38.51 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BF096586.D

Acq: 8 Jul 2017 3:52

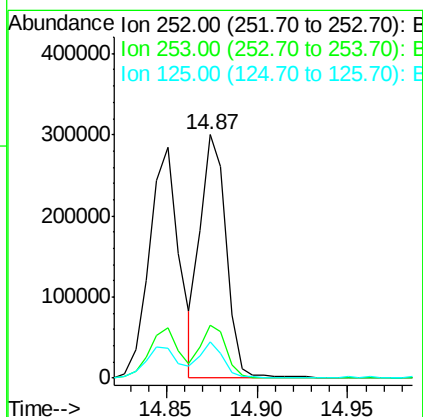
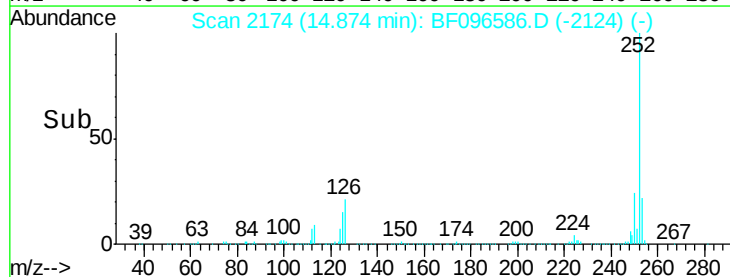
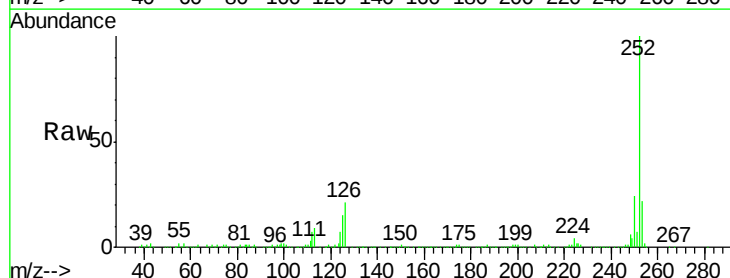
Tgt Ion:252 Resp: 296396

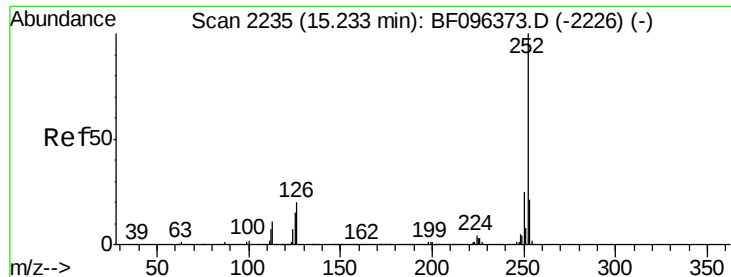
Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

125 14.9 13.1 19.7

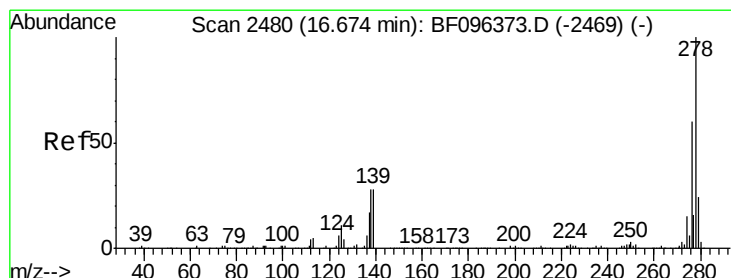
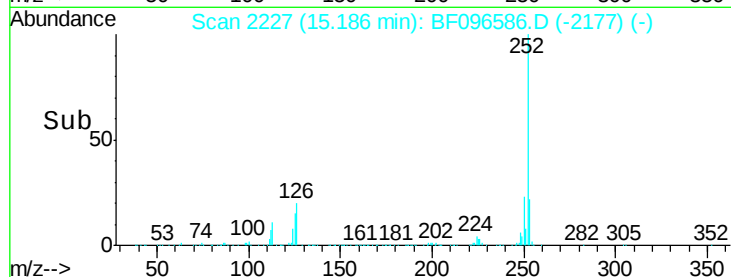
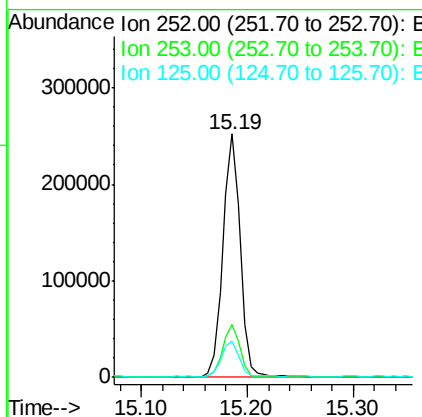
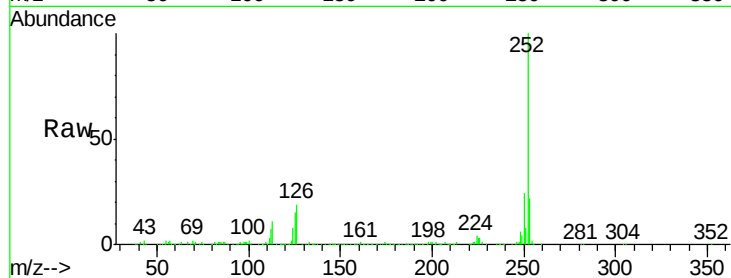




#89
Benzo(a)pyrene
Concen: 37.49 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

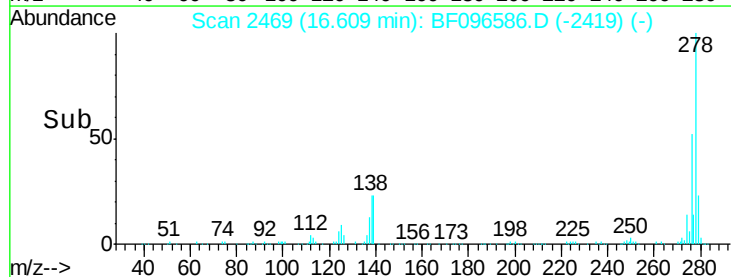
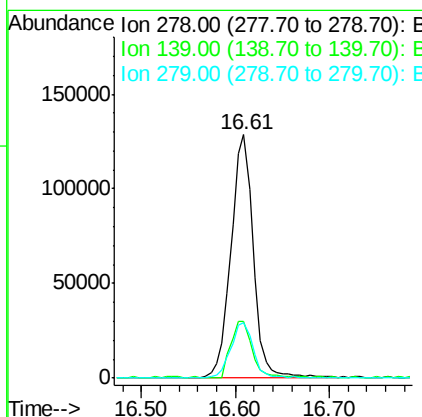
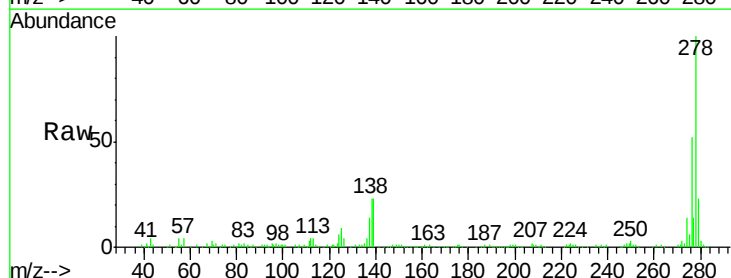
Instrument :
BNA_F
ClientSampleId :

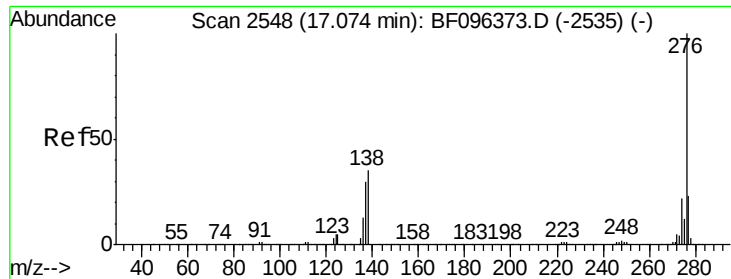
Tot Ion:252 Resp: 288004
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 15.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 35.36 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF096586.D
Acq: 8 Jul 2017 3:52

Tgt Ion:278 Resp: 213681
Ion Ratio Lower Upper
278 100
139 23.2 16.6 24.8
279 23.0 19.3 28.9

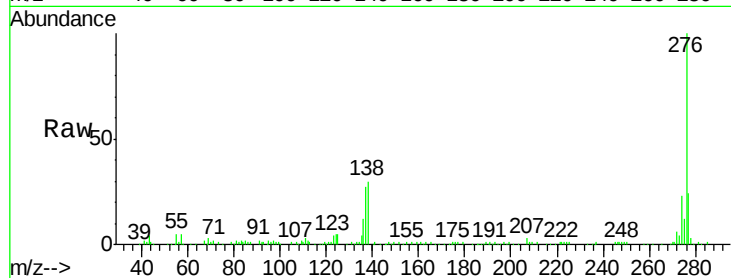




#91
 Benzo(a,h,i)perylene
 Concen: 33.33 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BF096586.D
 Acq: 8 Jul 2017 3:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	29.9	25.4	38.0



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

