

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
 Data File : BF096535.D
 Acq On : 6 Jul 2017 16:08
 Operator : SJ/MA
 Sample : I4036-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:20:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128613	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	514650	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204388	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	285525	20.00	ng	0.00
75) Chrysene-d12	13.87	240	219665	20.00	ng	0.00
86) Perylene-d12	15.28	264	207012	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	865241	99.30	ng	0.02
7) Phenol-d6	6.36	99	1005650	93.88	ng	0.00
23) Nitrobenzene-d5	7.28	82	582081	67.96	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	153182	95.95	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	925112	77.39	ng	0.00
78) Terphenyl-d14	12.82	244	534949	52.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	122385	29.62	ng	# 79
3) Pyridine	3.13	79	327931	28.93	ng	# 60
4) n-Nitrosodimethylamine	3.08	42	193826	34.64	ng	# 83
6) Aniline	6.37	93	289839	20.93	ng	# 1
8) 2-Chlorophenol	6.50	128	323471	34.81	ng	98
9) Benzaldehyde	6.26	77	111925	16.69	ng	99
10) Phenol	6.37	94	408012	33.43	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	311402	33.02	ng	93
12) 1,3-Dichlorobenzene	6.66	146	338037	34.69	ng	99
13) 1,4-Dichlorobenzene	6.73	146	342800	35.20	ng	96
14) 1,2-Dichlorobenzene	6.89	146	317399	35.50	ng	98
15) Benzyl Alcohol	6.86	79	259531	36.24	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	651086	33.96	ng	92
17) 2-Methylphenol	6.98	107	255025	34.44	ng	98
18) Hexachloroethane	7.23	117	105592	29.91	ng	# 81
19) n-Nitroso-di-n-propylamine	7.13	70	210991	33.06	ng	# 84
20) 3+4-Methylphenols	7.13	107	303903	36.79	ng	# 83
22) Acetophenone	7.13	105	414499	36.86	ng	# 95
24) Nitrobenzene	7.30	77	307687	34.25	ng	91
25) Isophorone	7.54	82	565957	34.08	ng	95
26) 2-Nitrophenol	7.62	139	156997	33.01	ng	90
27) 2,4-Dimethylphenol	7.66	122	286178	35.34	ng	95
28) bis(2-Chloroethoxy)methane	7.75	93	392077	35.77	ng	99
29) 2,4-Dichlorophenol	7.86	162	254833	36.48	ng	100
30) 1,2,4-Trichlorobenzene	7.95	180	244236	37.06	ng	98
31) Naphthalene	8.02	128	887615	36.53	ng	99
33) 4-Chloroaniline	8.07	127	155454	15.40	ng	94
34) Hexachlorobutadiene	8.15	225	128287	37.95	ng	99
35) Caprolactam	8.43	113	57368	23.81	ng	# 65
36) 4-Chloro-3-methylphenol	8.56	107	258920	33.49	ng	91
37) 2-Methylnaphthalene	8.72	142	586331	37.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	209937	39.56	ng	99
40) Hexachlorocyclopentadiene	8.87	237	39307	15.23	ng	99
42) 2,4,6-Trichlorophenol	8.99	196	151739	36.14	ng	98

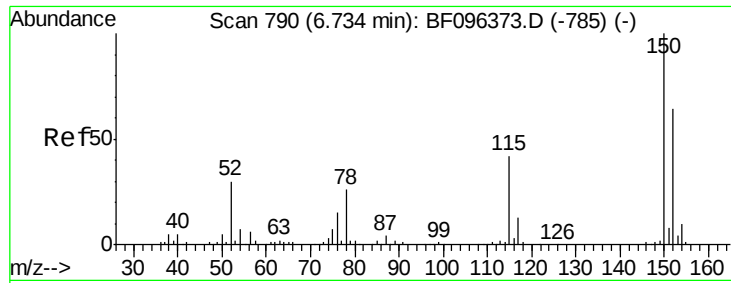
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	159436	38.41	nq	93
45) 1,1'-Biphenyl	9.18	154	670411	38.28	nq	99
46) 2-Chloronaphthalene	9.20	162	526288	40.33	nq	93
47) 2-Nitroaniline	9.29	65	177937	37.47	nq	94
48) Acenaphthylene	9.62	152	813967	39.36	nq	98
49) Dimethylphthalate	9.48	163	778972	51.05	nq	99
50) 2,6-Dinitrotoluene	9.54	165	128331	38.03	nq	# 87
51) Acenaphthene	9.79	154	426862	33.49	nq	98
52) 3-Nitroaniline	9.70	138	130239	30.95	nq	89
54) Dibenzofuran	9.96	168	630811	37.48	nq	99
55) 4-Nitrophenol	9.87	139	178015	51.04	nq	# 72
56) 2,4-Dinitrotoluene	9.94	165	144807	33.89	nq	# 80
57) Fluorene	10.30	166	443402	37.30	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	102208	35.59	nq	97
59) Diethylphthalate	10.18	149	545269	37.81	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	195248	37.75	nq	96
61) 4-Nitroaniline	10.32	138	119347	31.19	nq	91
62) Azobenzene	10.45	77	469577	33.67	nq	92
64) 4,6-Dinitro-2-methylphenol	10.35	198	7522	3.82	nq	81
65) n-Nitrosodiphenylamine	10.41	169	420843	42.01	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	117557	42.29	nq	97
67) Hexachlorobenzene	10.85	284	112436	36.95	nq	# 87
68) Atrazine	10.94	200	115934	40.51	nq	95
69) Pentachlorophenol	11.05	266	93627	51.92	nq	98
70) Phenanthrene	11.26	178	644383	41.75	nq	99
71) Anthracene	11.31	178	600348	38.17	nq	99
72) Carbazole	11.46	167	552347	34.92	nq	98
73) Di-n-butylphthalate	11.80	149	738293	38.54	nq	98
74) Fluoranthene	12.44	202	623524	41.20	nq	99
76) Benzidine	12.56	184	370169	35.12	nq	# 92
77) Pyrene	12.67	202	640974	36.35	nq	98
79) Butylbenzylphthalate	13.30	149	298752	33.47	nq	89
80) Benzo(a)anthracene	13.86	228	488062	38.37	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	171368	32.80	nq	# 97
82) Chrysene	13.90	228	499223	37.48	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	346547	34.78	nq	99
84) Di-n-octyl phthalate	14.47	149	696733	35.51	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.65	276	417244	39.68	nq	98
87) Benzo(b)fluoranthene	14.91	252	461944	35.61	nq	99
88) Benzo(k)fluoranthene	14.91	252	461944	39.81	nq	96
89) Benzo(a)pyrene	15.22	252	475713	41.08	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	338427	37.15	nq	# 95
91) Benzo(g,h,i)perylene	17.06	276	316821	33.56	nq	98

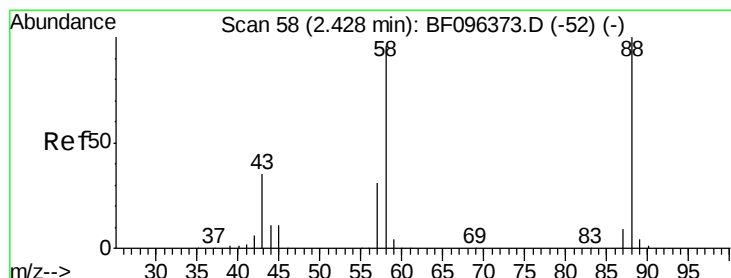
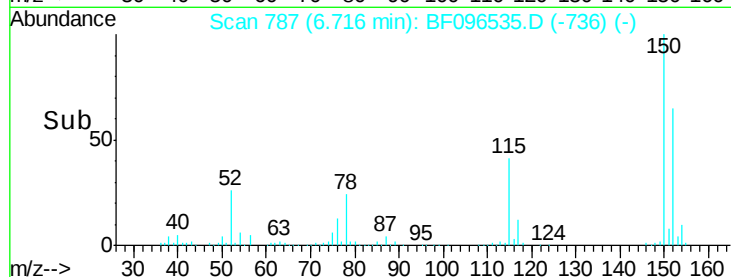
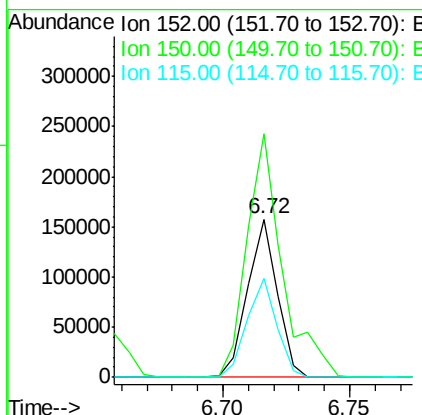
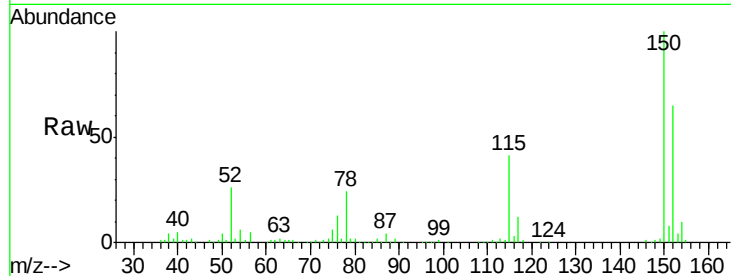
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

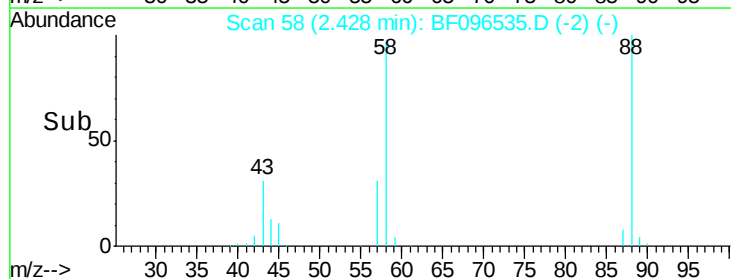
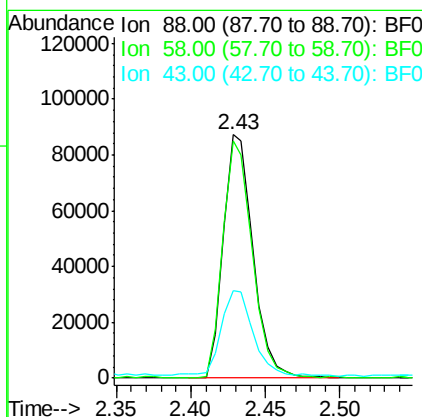
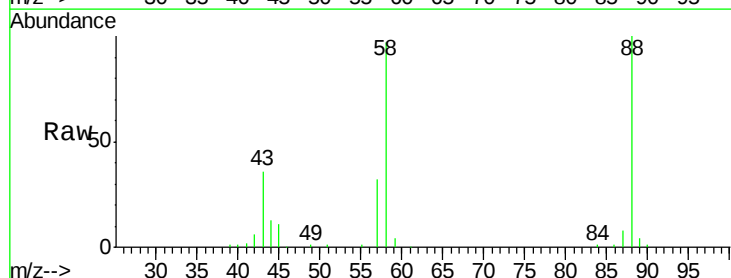
Instrument :
 BNA_F
 ClientSampleId :

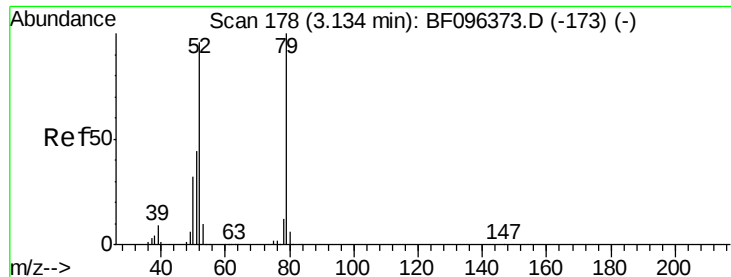
Tot Ion:152 Resp: 128613
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.2 189.2
 115 62.3 52.2 78.2



#2
 1,4-Dioxane
 Concen: 29.62 ng
 RT: 2.43 min Scan# 58
 Delta R.T. 0.03 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion: 88 Resp: 122385
 Ion Ratio Lower Upper
 88 100
 58 97.1 61.4 92.0#
 43 37.0 23.4 35.0#





#3

Pvridine

Concen: 28.93 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.04 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

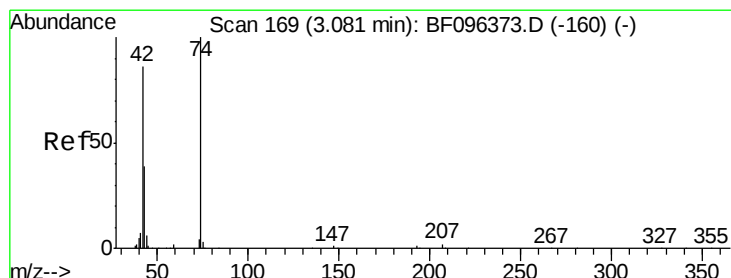
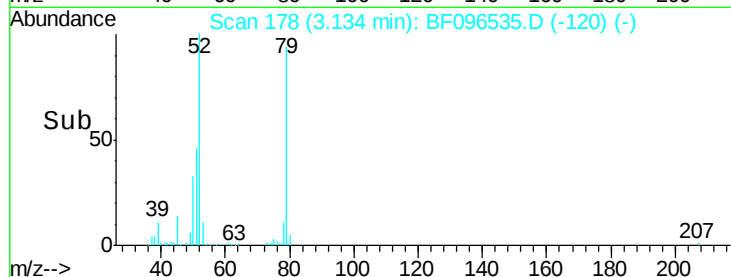
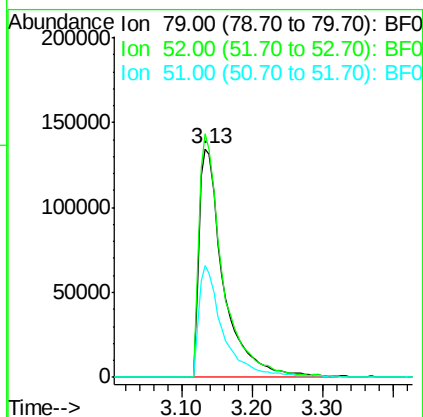
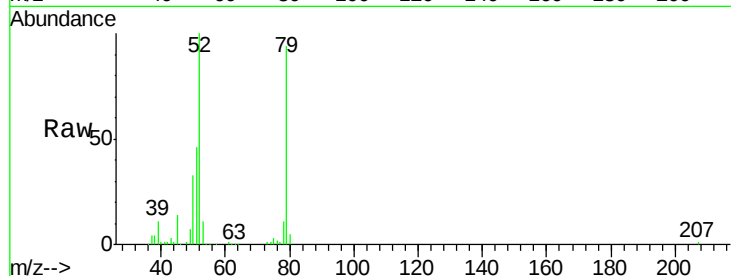
Tot Ion: 79 Resp: 327931

Ion Ratio Lower Upper

79 100

52 106.6 54.8 82.2#

51 49.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 34.64 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.04 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

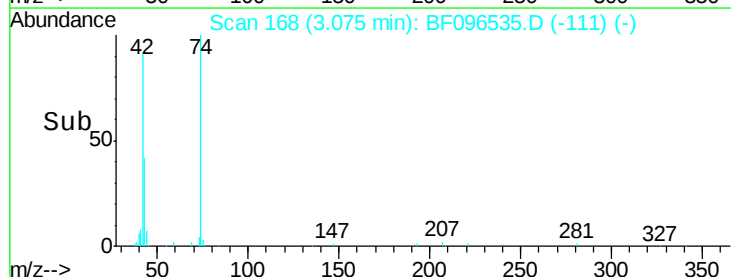
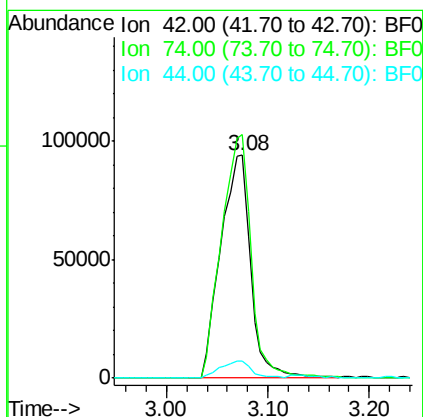
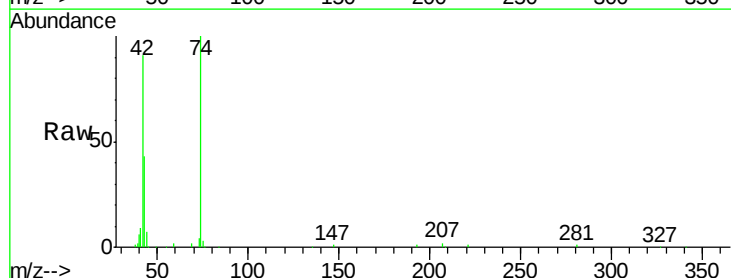
Tgt Ion: 42 Resp: 193826

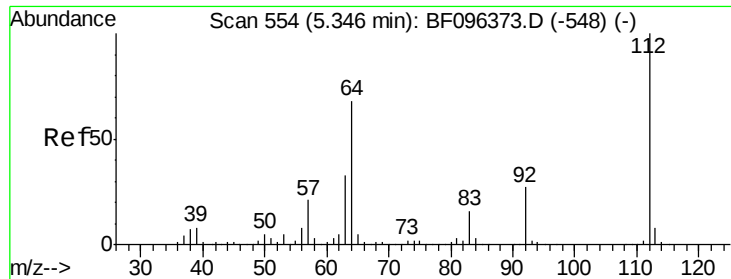
Ion Ratio Lower Upper

42 100

74 109.3 103.9 155.9

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 99.30 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampled :

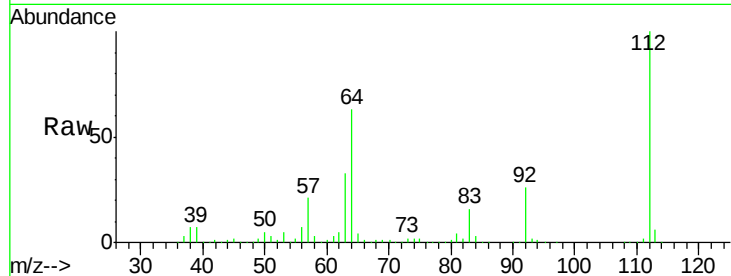
Tot Ion:112 Resp: 865241

Ion Ratio Lower Upper

112 100

64 62.8 46.0 69.0

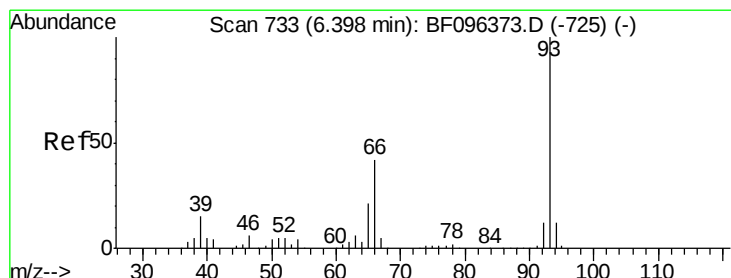
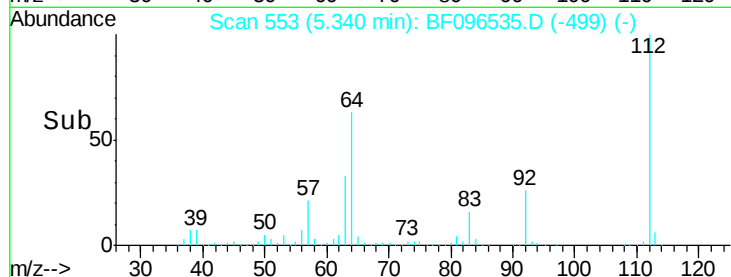
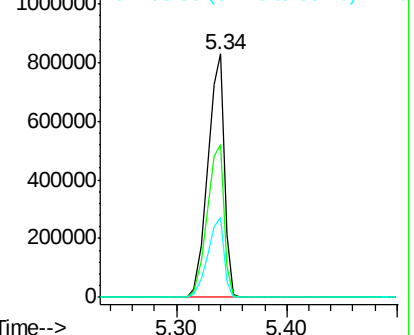
63 32.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.93 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

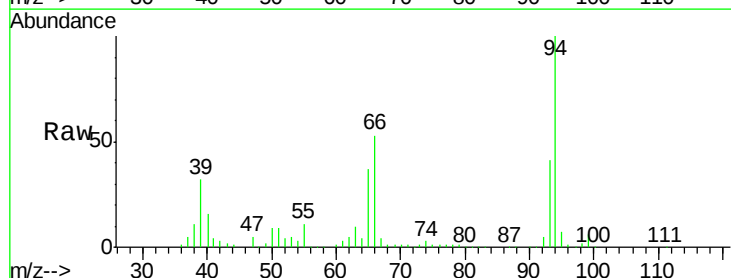
Tgt Ion: 93 Resp: 289839

Ion Ratio Lower Upper

93 100

66 129.3 32.9 49.3#

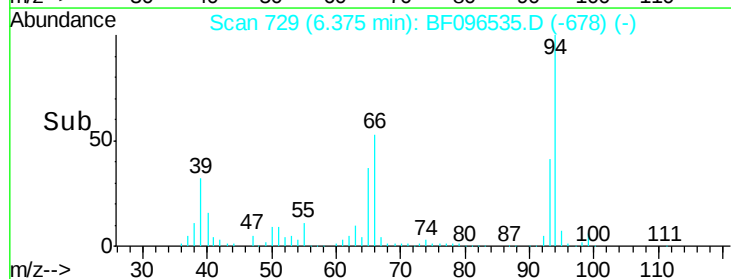
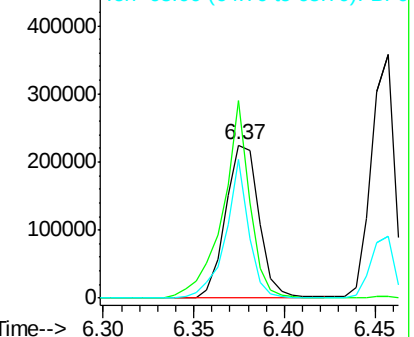
65 90.5 16.0 24.0#

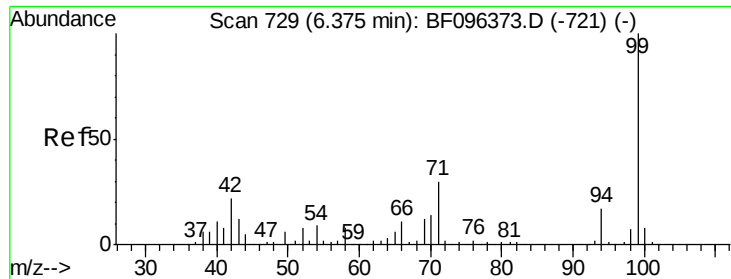


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.88 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

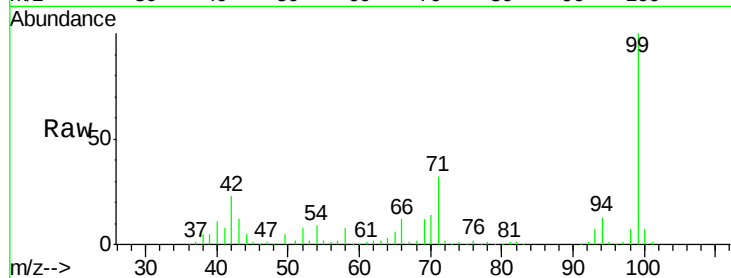
Instrument :

BNA_F

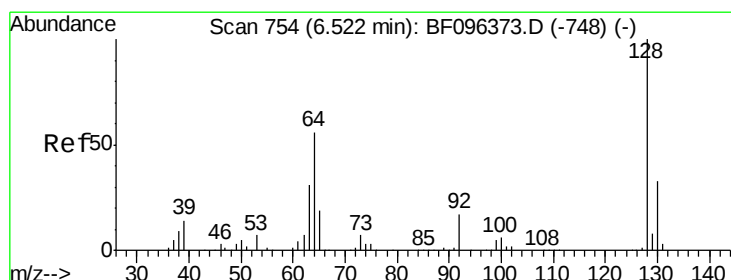
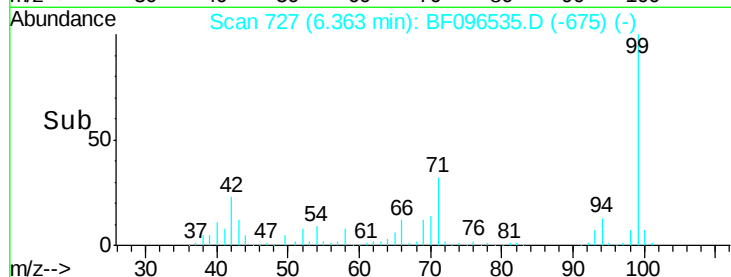
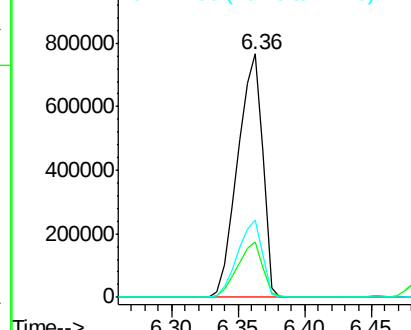
ClientSampled :

Tot Ion: 99 Resp: 1005650

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	31.8	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: 34.81 ng

RT: 6.50 min Scan# 751

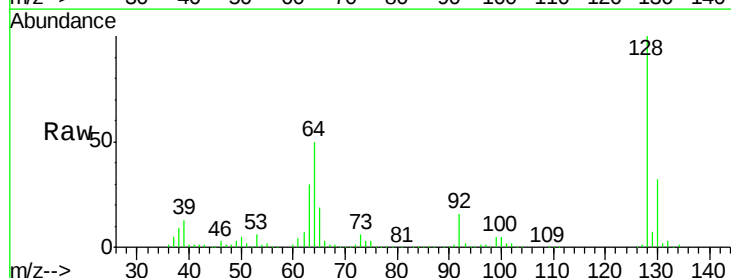
Delta R.T. 0.01 min

Lab File: BF096535.D

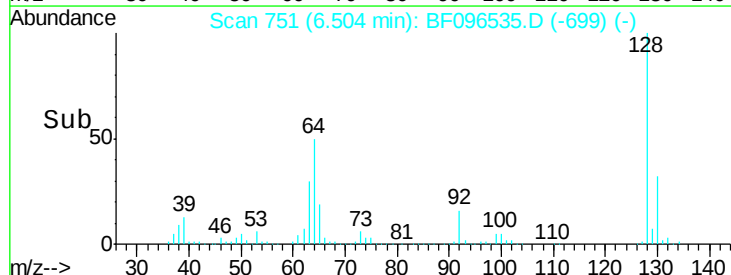
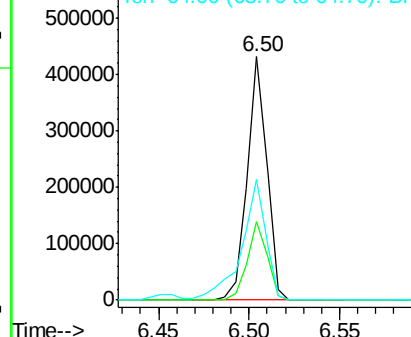
Acq: 6 Jul 2017 16:08

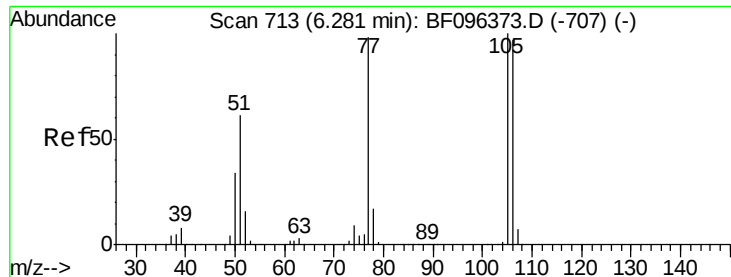
Tgt Ion: 128 Resp: 323471

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	49.8	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: 16.69 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

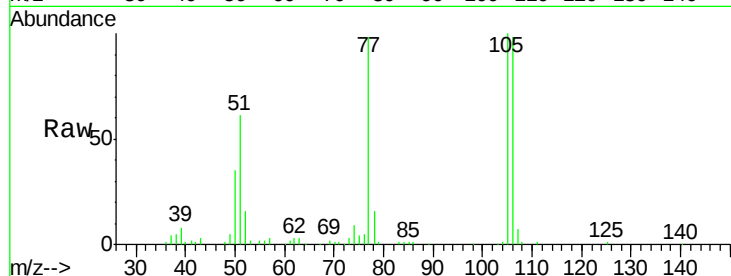
Tot Ion: 77 Resp: 111925

Ion Ratio Lower Upper

77 100

105 102.4 83.8 123.8

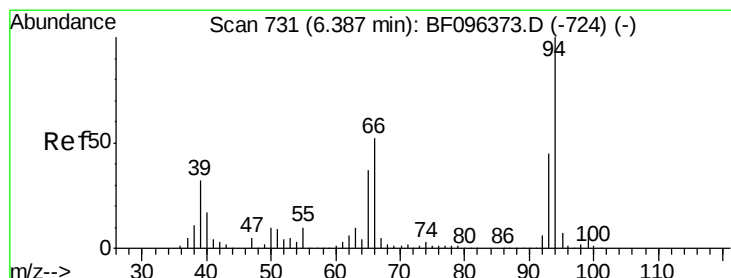
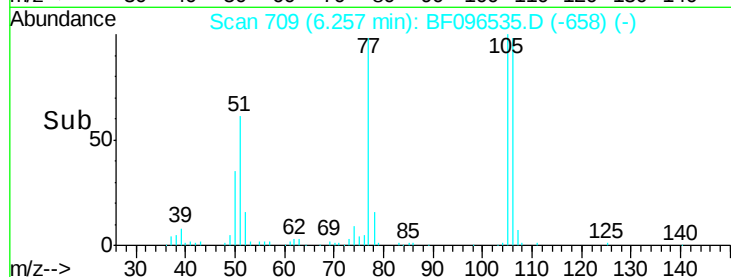
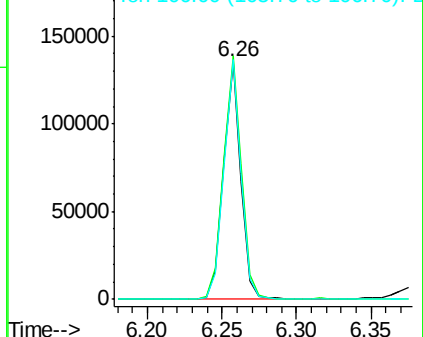
106 100.7 79.1 119.1



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: 33.43 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

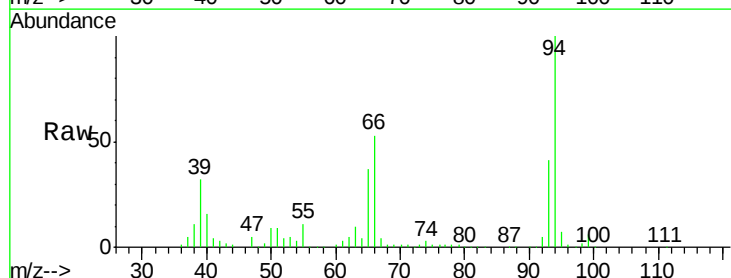
Tgt Ion: 94 Resp: 408012

Ion Ratio Lower Upper

94 100

65 36.9 9.9 49.9

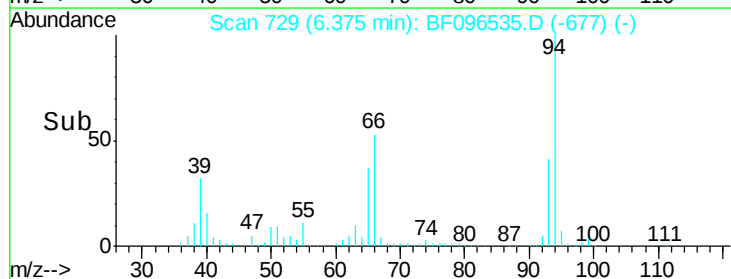
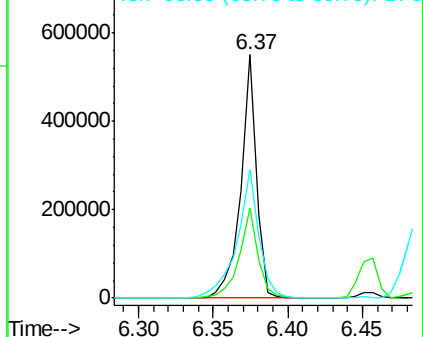
66 52.7 23.1 63.1

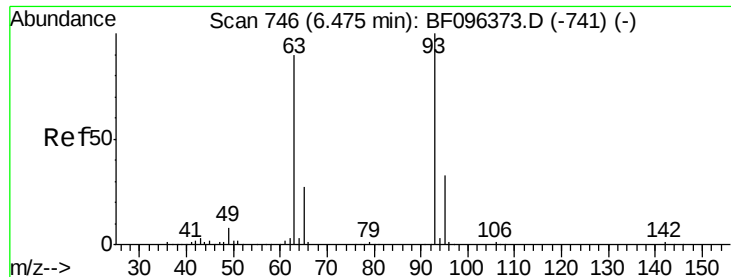


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

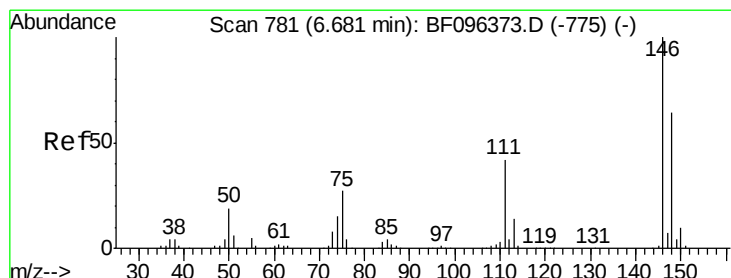
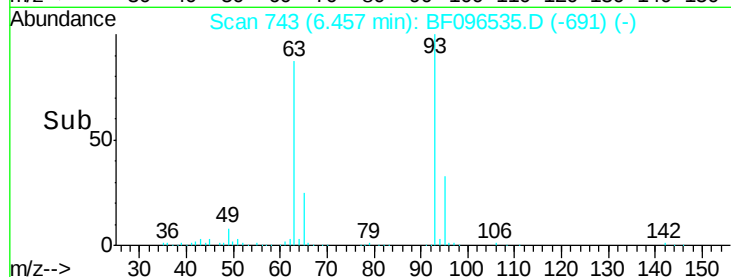
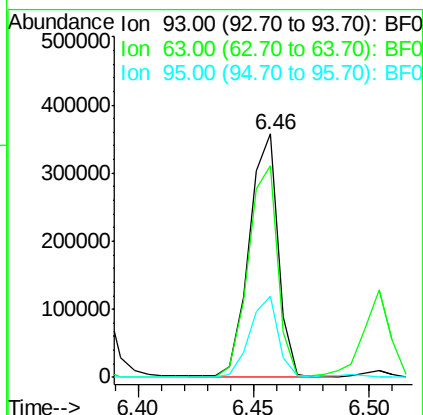
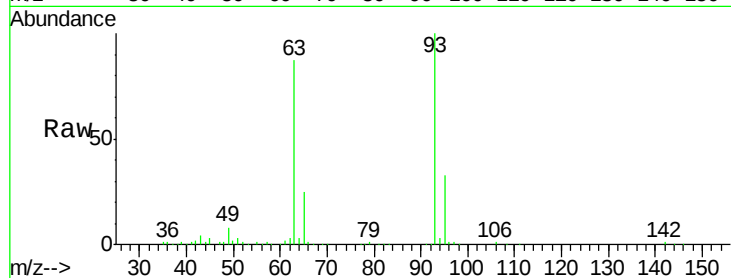




#11
bis(2-Chloroethyl)ether
Concen: 33.02 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

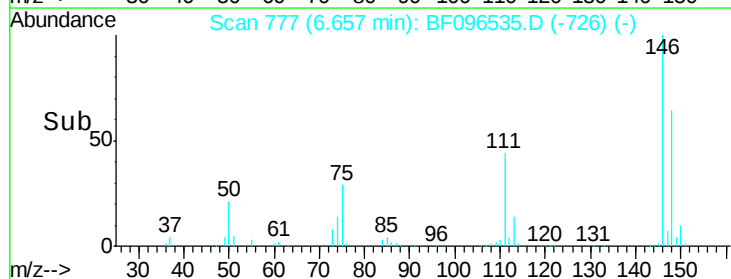
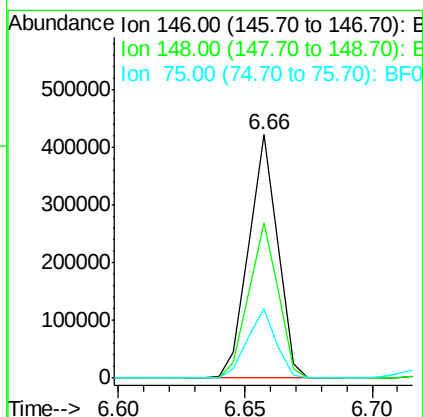
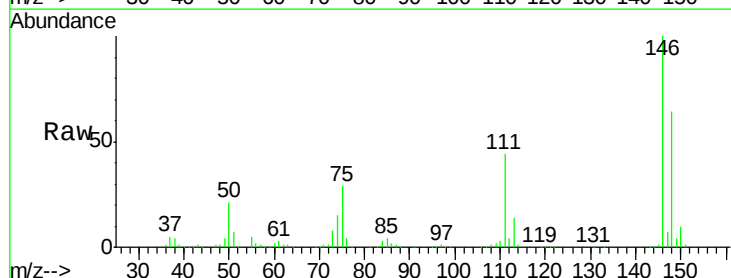
Instrument :
BNA_F
ClientSampleId :

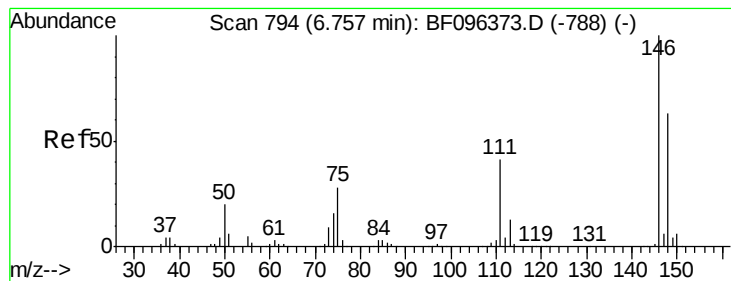
Tot Ion: 93 Resp: 311402
Ion Ratio Lower Upper
93 100
63 87.1 59.2 99.2
95 33.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.69 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion: 146 Resp: 338037
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
75 28.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 35.20 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampled :

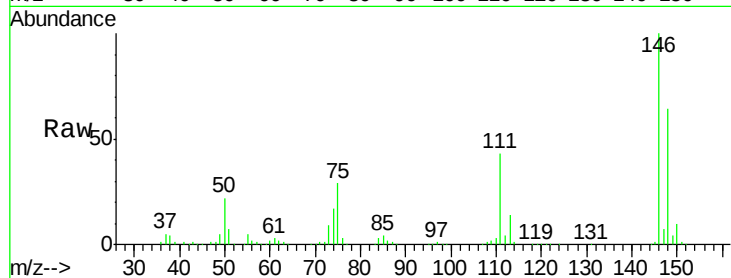
Tot Ion:146 Resp: 342800

Ion Ratio Lower Upper

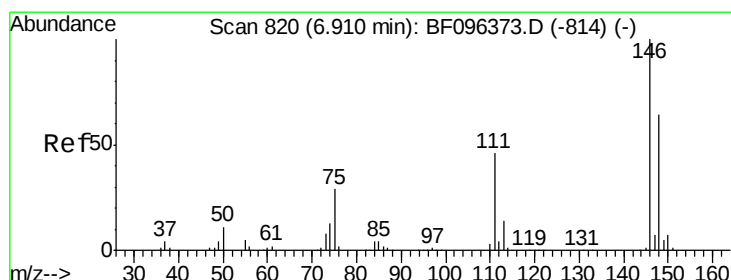
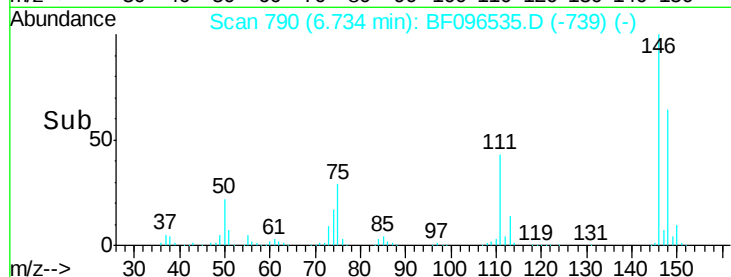
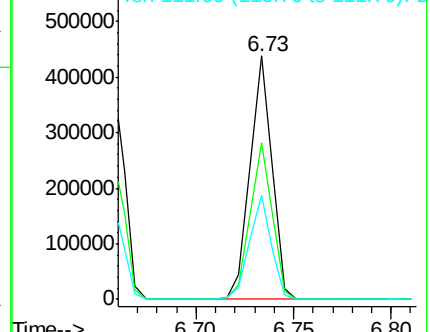
146 100

148 64.2 52.2 78.2

111 42.7 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 35.50 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

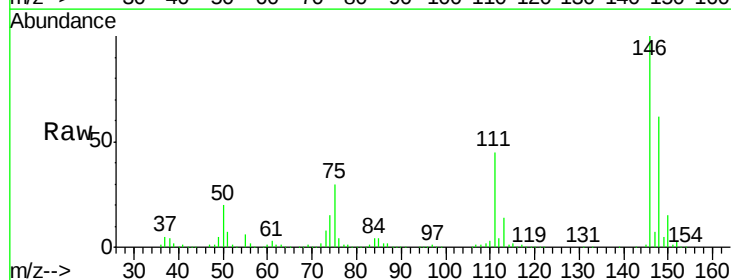
Tgt Ion:146 Resp: 317399

Ion Ratio Lower Upper

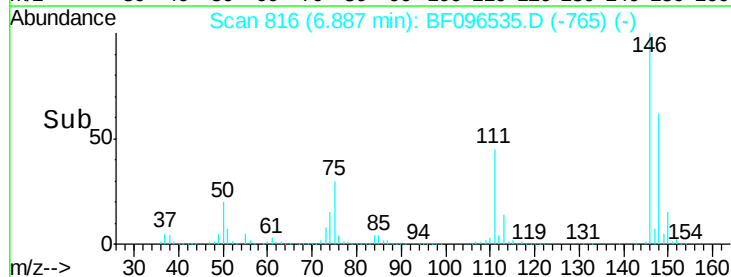
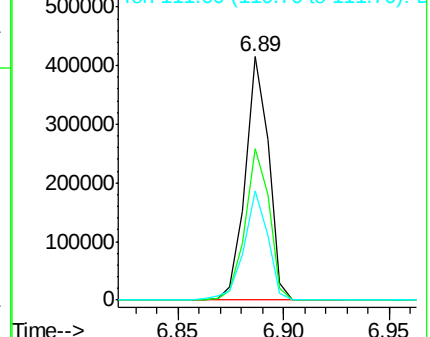
146 100

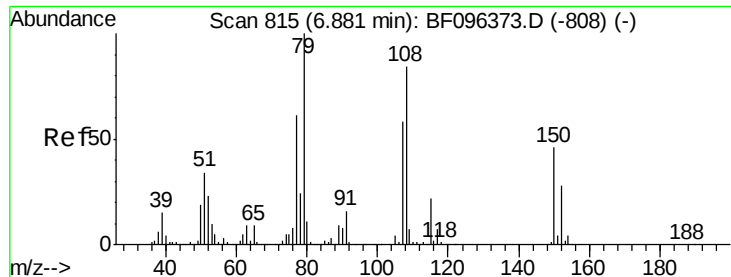
148 62.4 50.4 75.6

111 44.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 36.24 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampled :

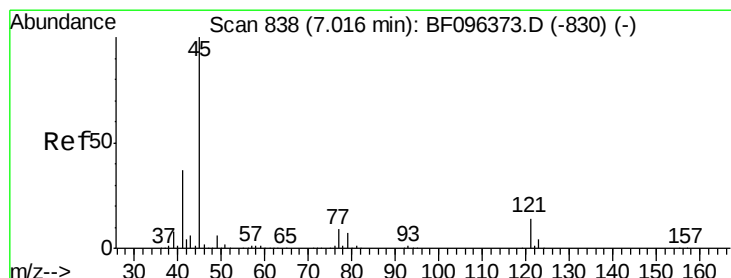
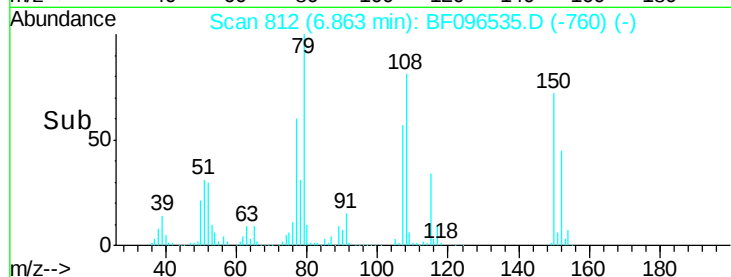
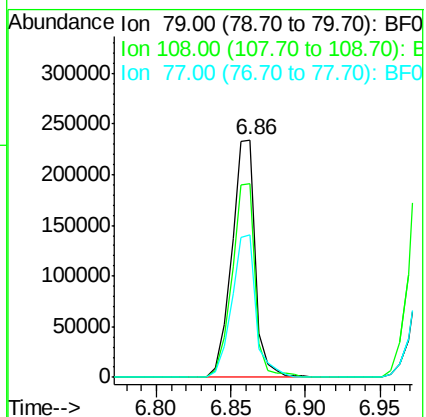
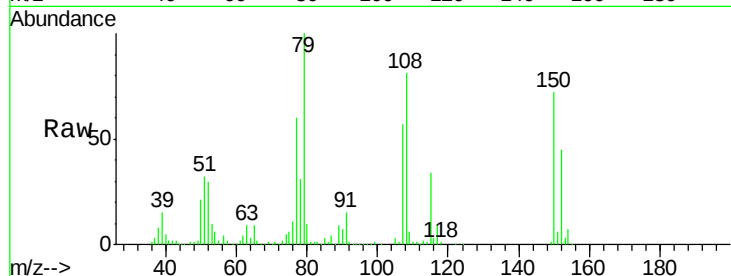
Tot Ion: 79 Resp: 259531

Ion Ratio Lower Upper

79 100

108 81.4 63.4 95.0

77 60.1 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.96 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

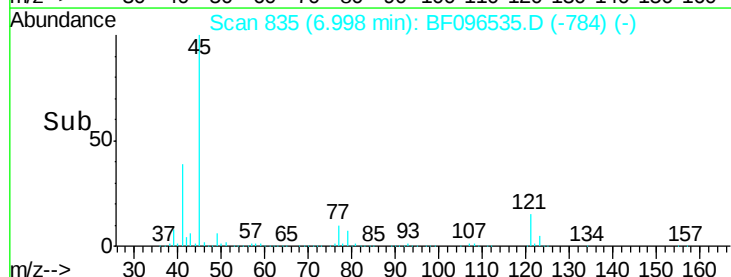
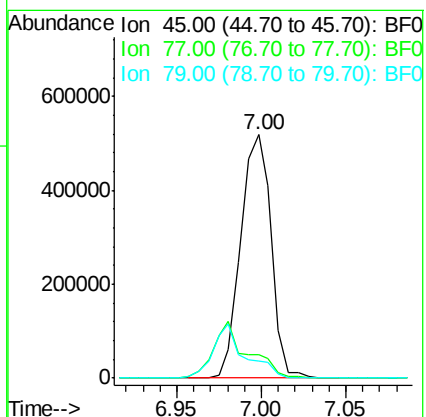
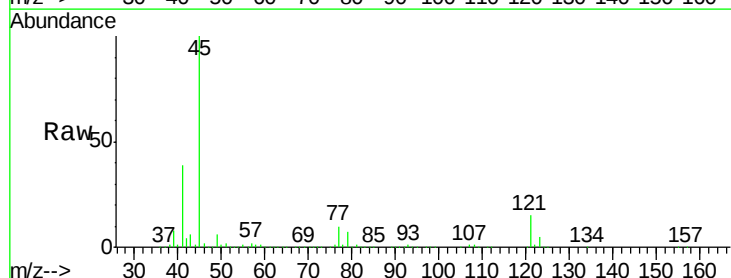
Tgt Ion: 45 Resp: 651086

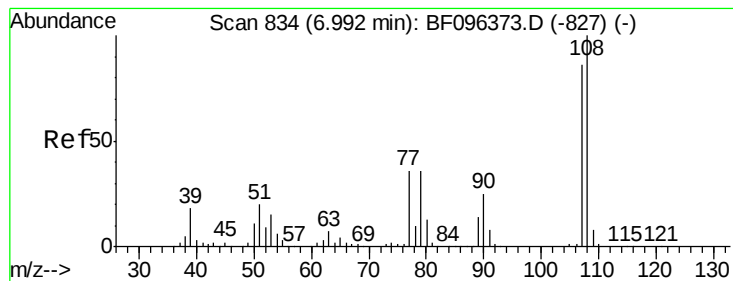
Ion Ratio Lower Upper

45 100

77 9.8 0.0 33.2

79 7.1 0.0 30.0

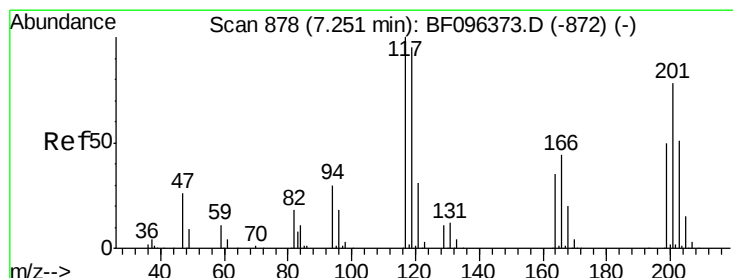
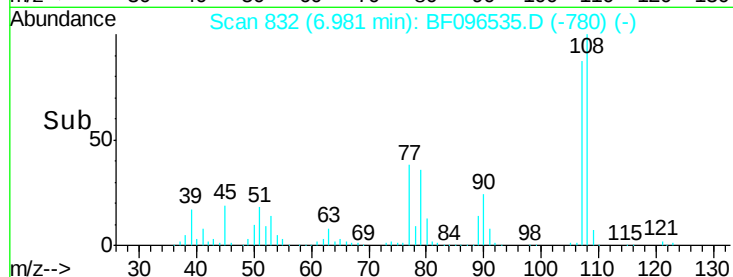
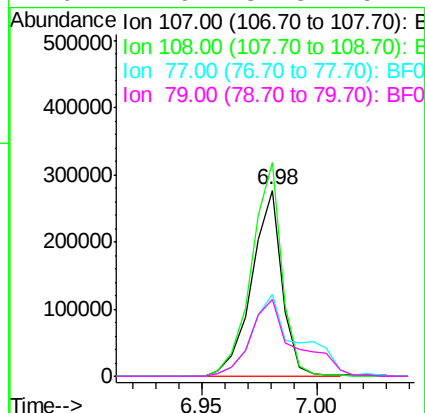
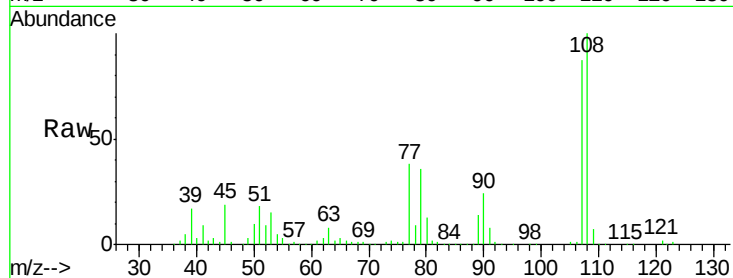




#17
2-Methylphenol
Concen: 34.44 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

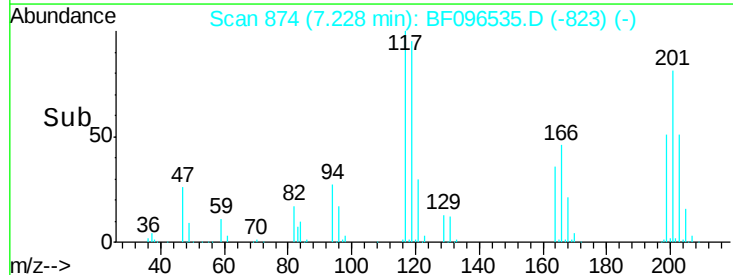
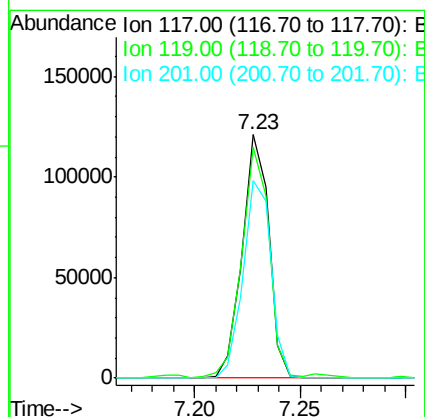
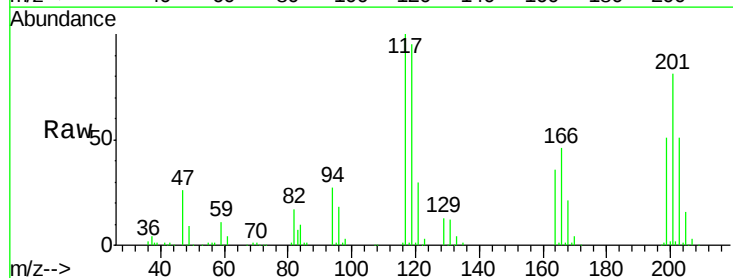
Instrument :
BNA_F
ClientSampled :

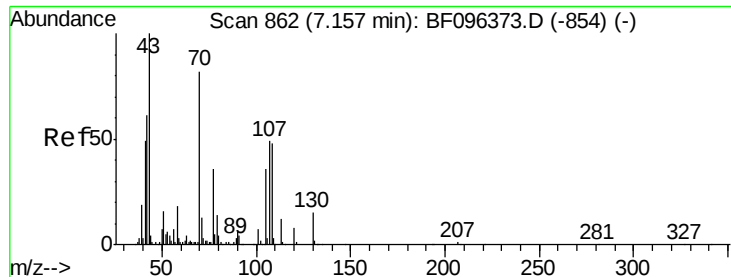
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.4	140.0
77	43.8	35.8	53.6
79	41.6	34.8	52.2



#18
Hexachloroethane
Concen: 29.91 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
201	80.9	94.6	141.8#

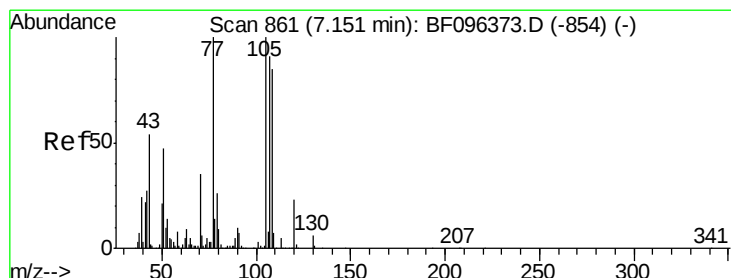
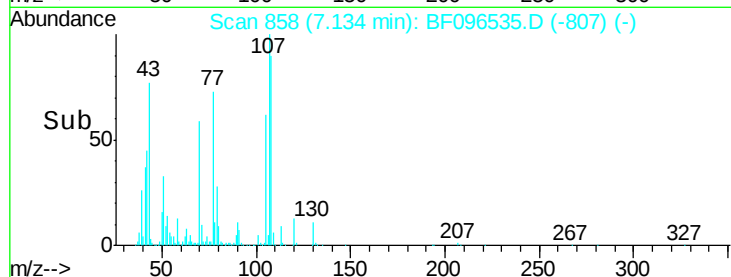
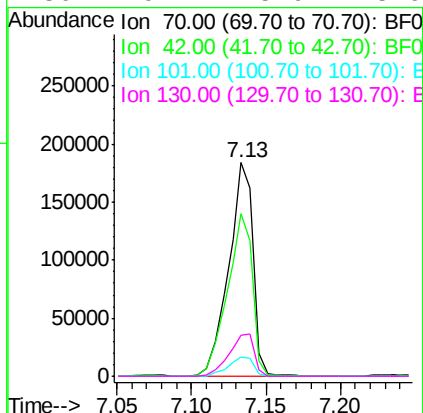
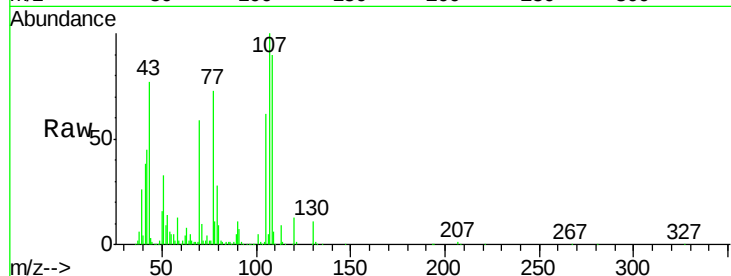




#19
n-Nitroso-di-n-propylamine
Concen: 33.06 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

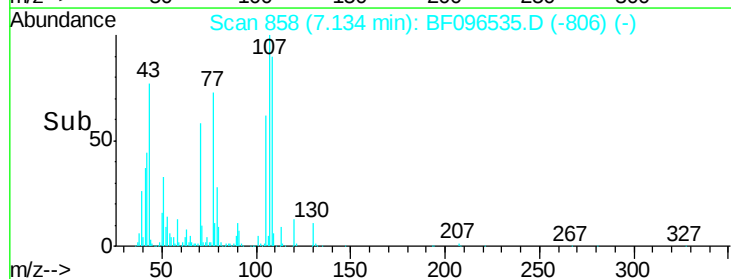
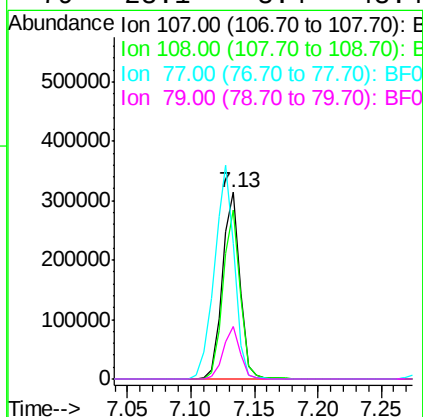
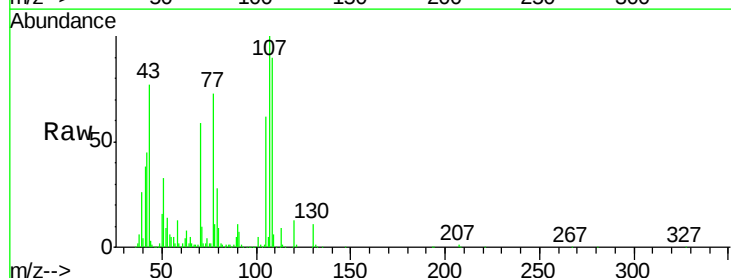
Instrument :
BNA_F
ClientSampleId :

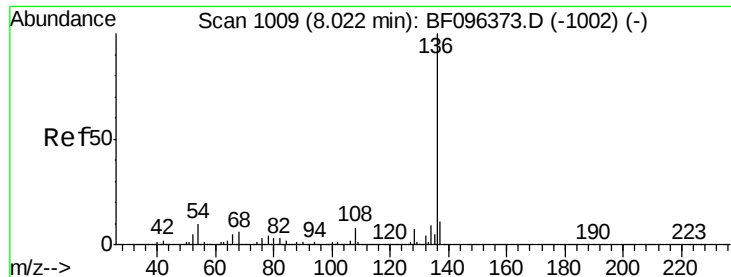
Tot Ion: 70 Resp: 210991
Ion Ratio Lower Upper
70 100
42 76.0 47.2 70.8#
101 9.1 7.2 10.8
130 19.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 36.79 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion: 107 Resp: 303903
Ion Ratio Lower Upper
107 100
108 90.4 71.0 111.0
77 72.7 90.5 130.5#
79 28.1 8.4 48.4

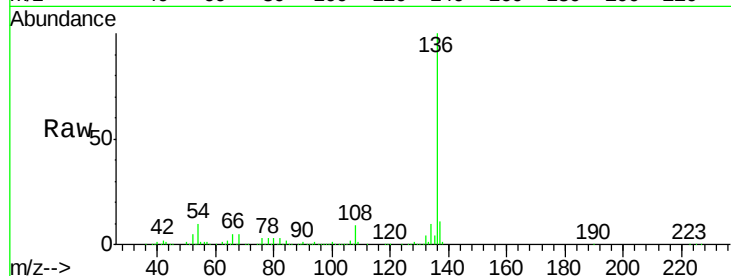




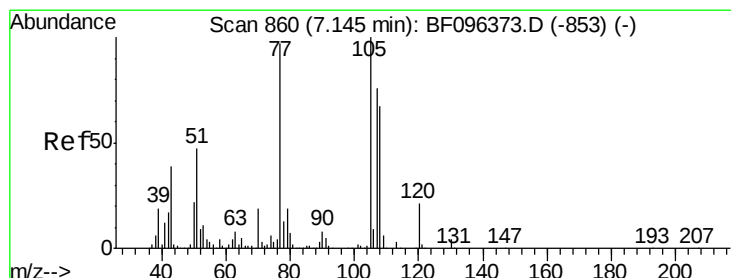
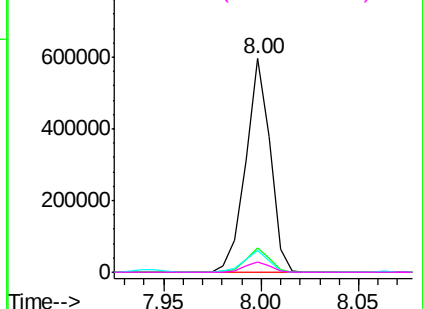
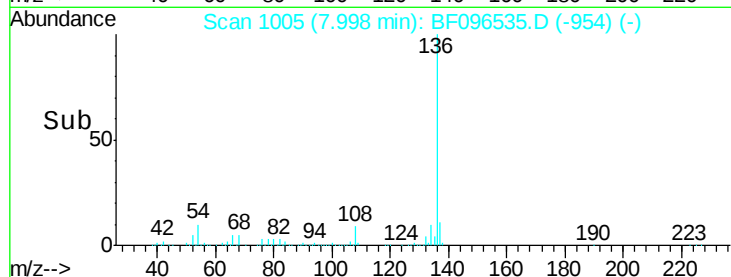
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	514650
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	10.0	4.9 7.3#
68	5.1	4.1 6.1

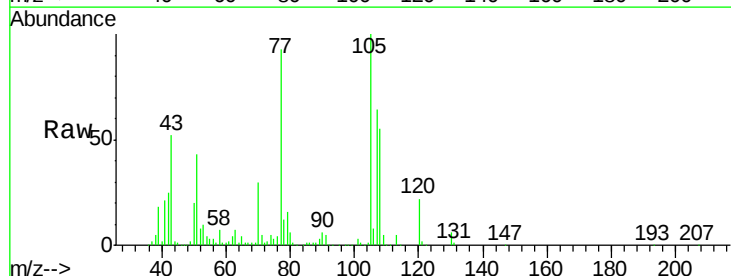


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

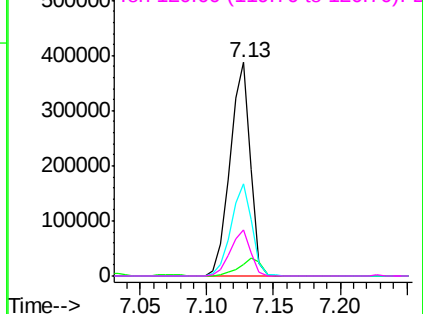
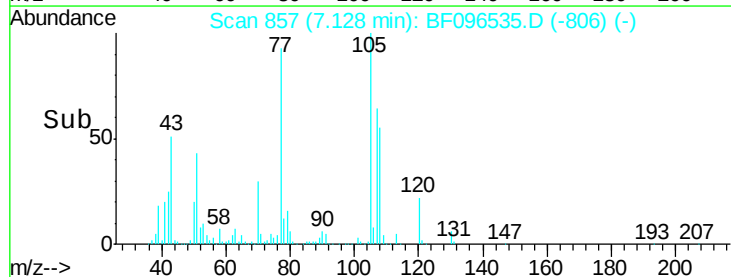


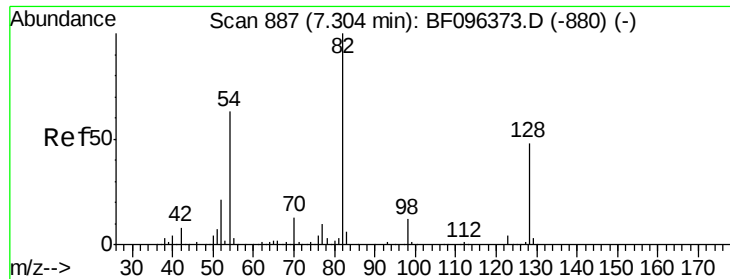
#22
Acetophenone
Concen: 36.86 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:105	Resp:	414499
Ion Ratio	Lower	Upper
105	100	
71	5.3	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

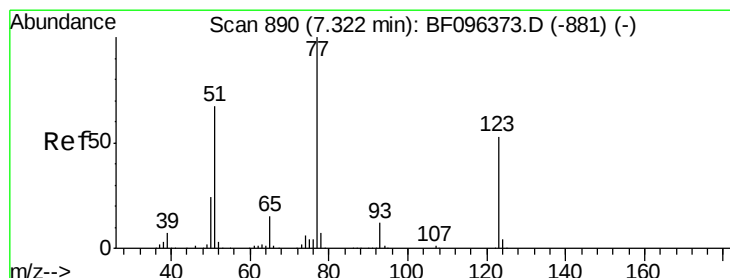
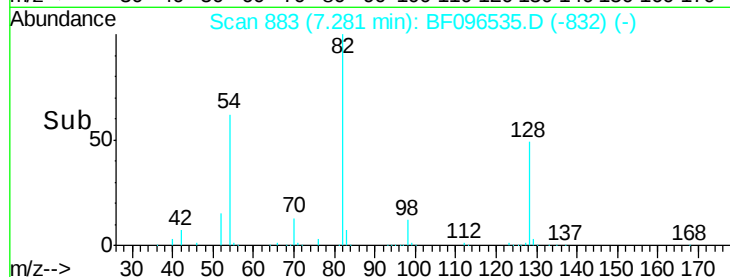
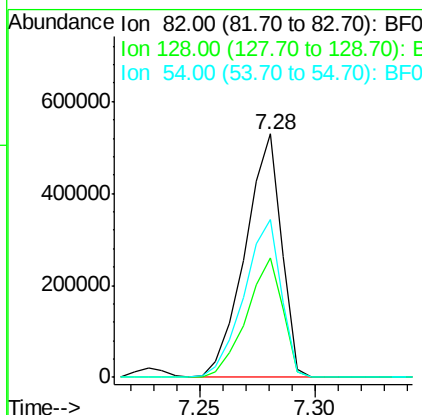
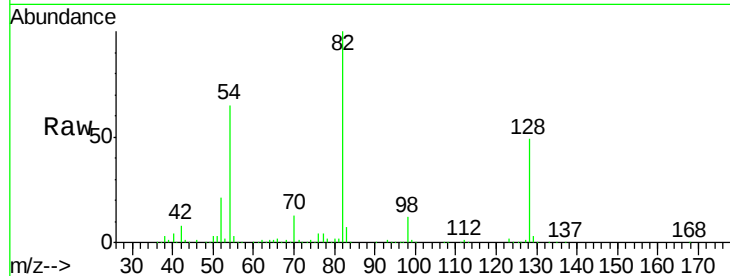




#23
 Nitrobenzene-d5
 Concen: 67.96 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

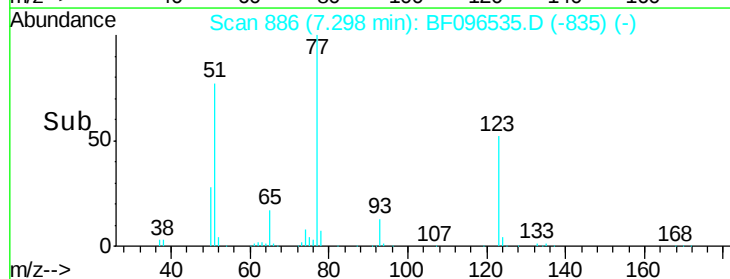
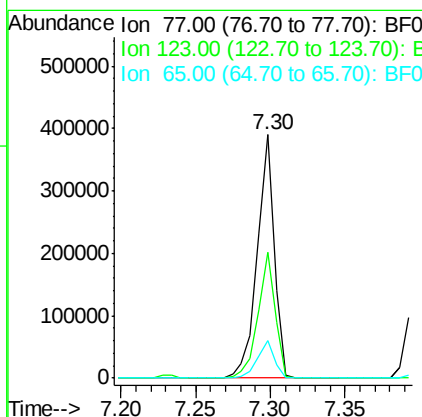
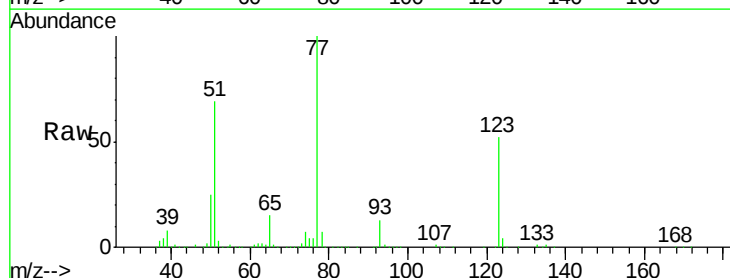
Instrument :
 BNA_F
 ClientSampleId :

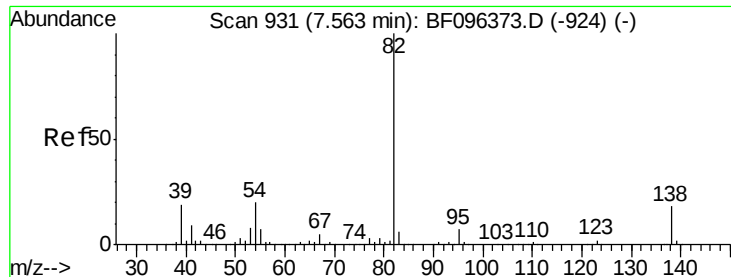
Tot Ion: 82 Resp: 582081
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.0 51.0
 54 65.1 42.2 63.2#



#24
 Nitrobenzene
 Concen: 34.25 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion: 77 Resp: 307687
 Ion Ratio Lower Upper
 77 100
 123 51.6 35.8 53.8
 65 15.3 10.6 15.8





#25

Isophorone

Concen: 34.08 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

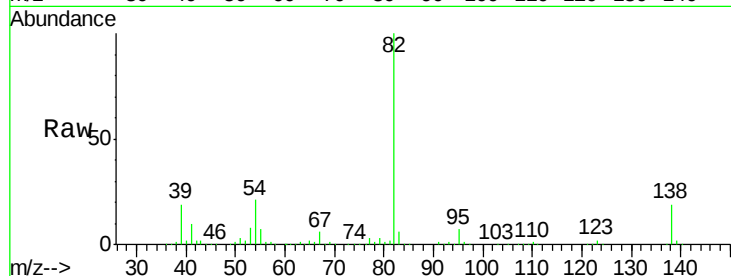
Tot Ion: 82 Resp: 565957

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

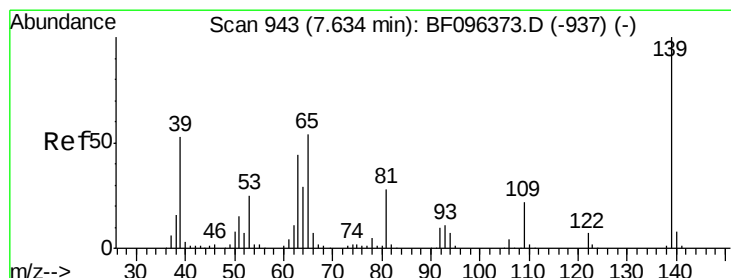
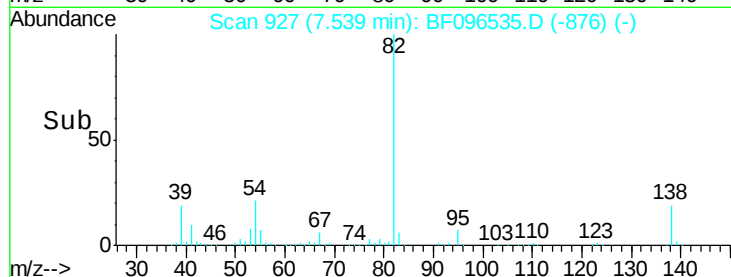
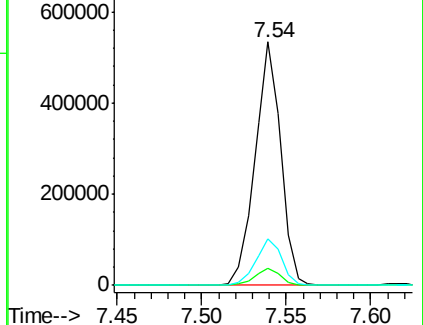
138 19.1 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.01 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

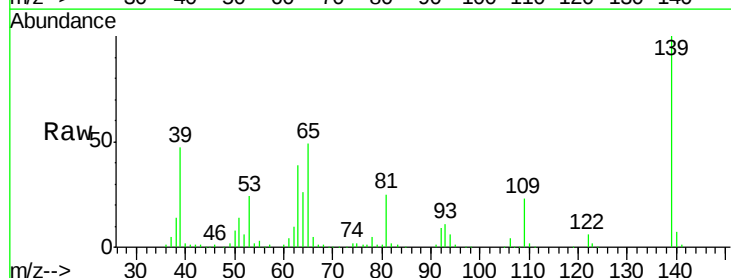
Tgt Ion: 139 Resp: 156997

Ion Ratio Lower Upper

139 100

109 22.8 21.0 31.6

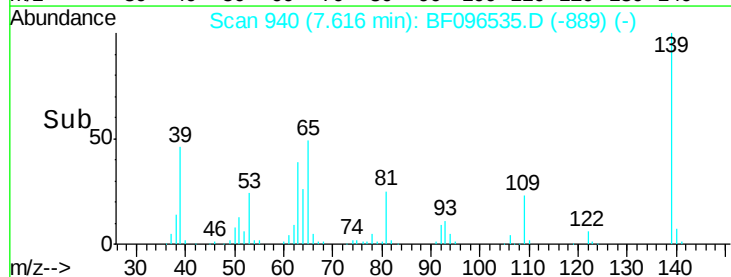
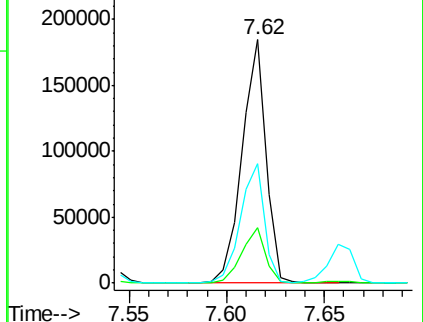
65 49.3 33.0 49.6

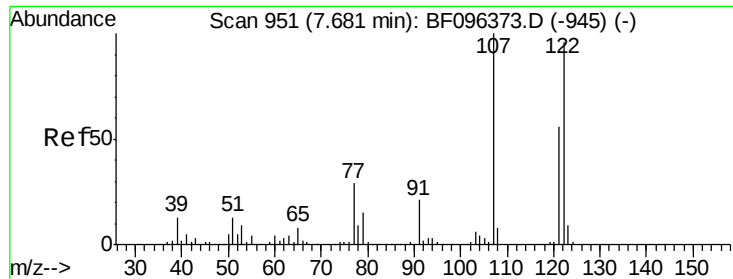


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

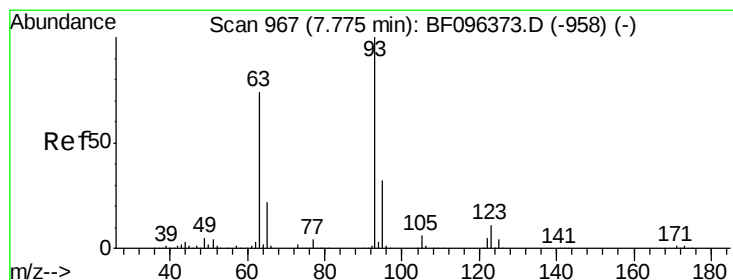
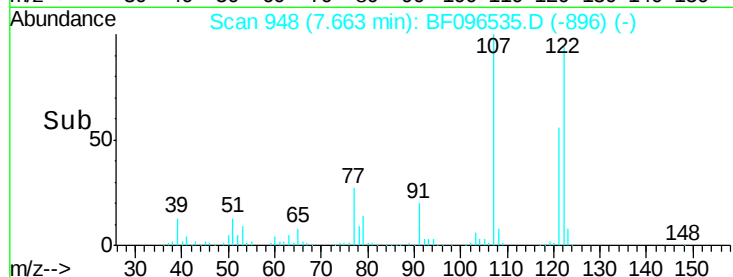
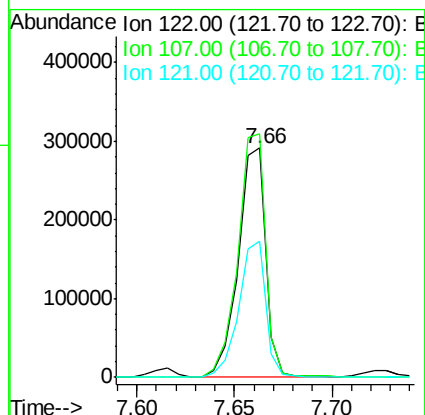
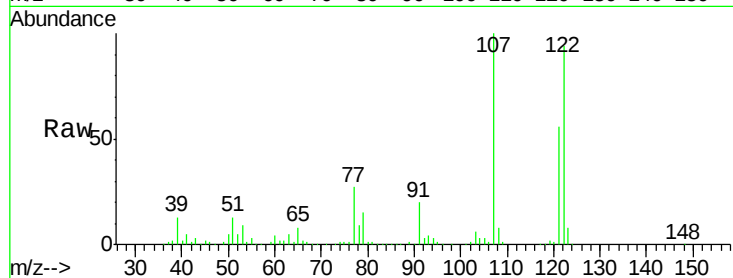




#27
 2,4-Dimethylphenol
 Concen: 35.34 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

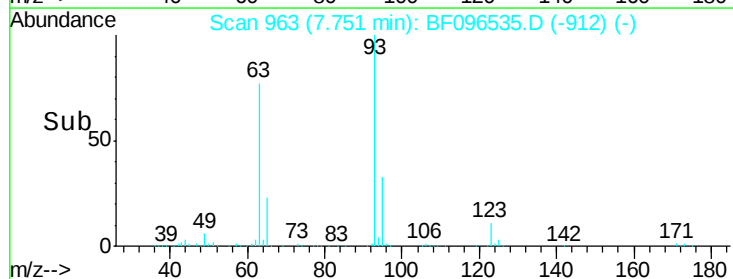
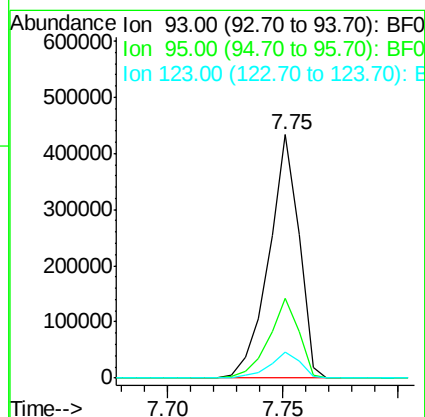
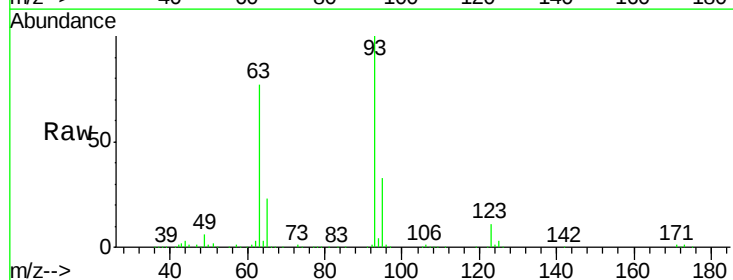
Instrument :
 BNA_F
 ClientSampleId :

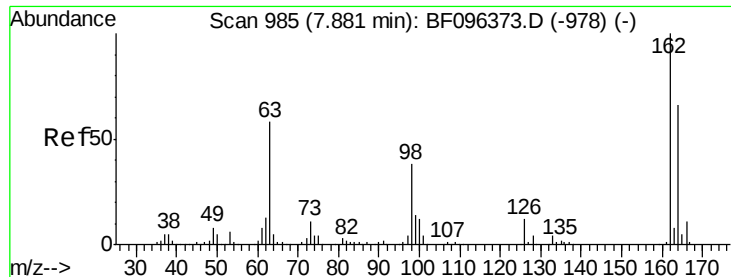
Tot Ion:122 Resp: 286178
 Ion Ratio Lower Upper
 122 100
 107 106.3 89.2 133.8
 121 59.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.77 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion: 93 Resp: 392077
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 10.5 9.0 13.4

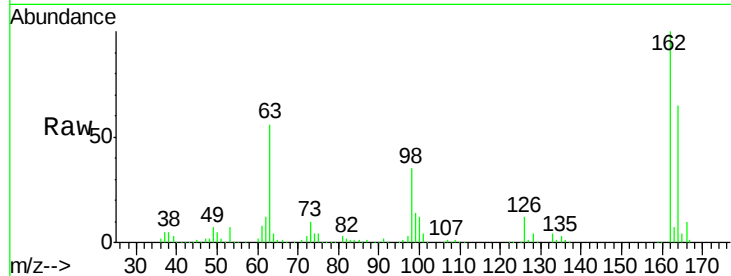




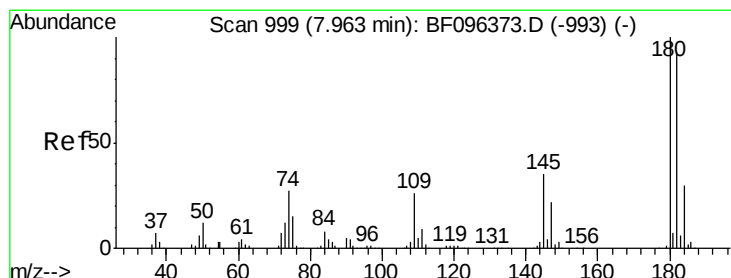
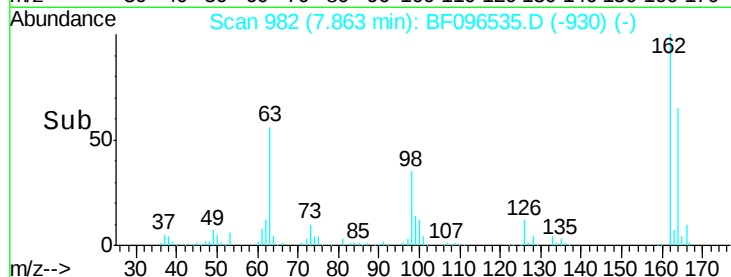
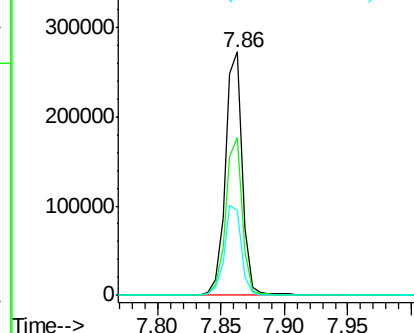
#29
2,4-Dichlorophenol
Concen: 36.48 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	35.0	14.8	54.8

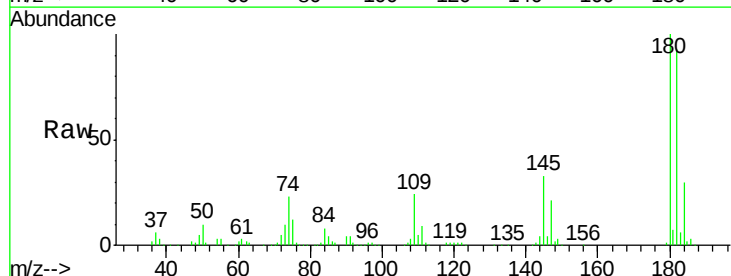


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

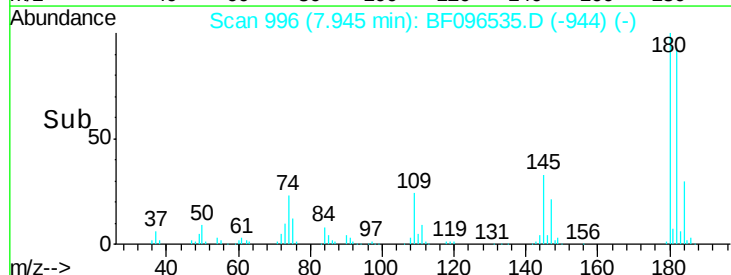
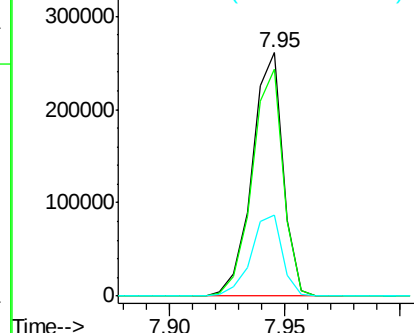


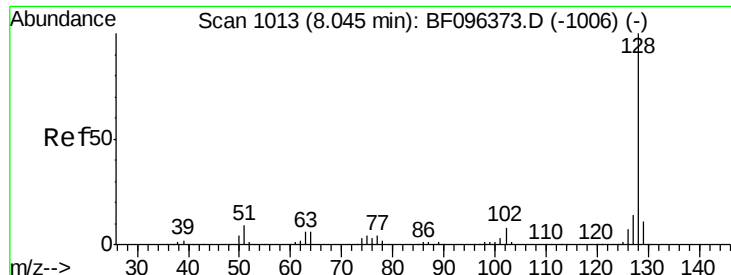
#30
1,2,4-Trichlorobenzene
Concen: 37.06 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	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

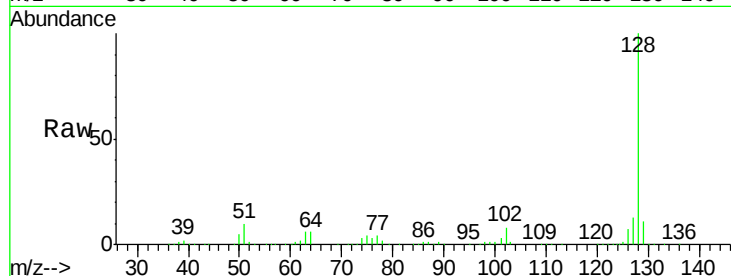




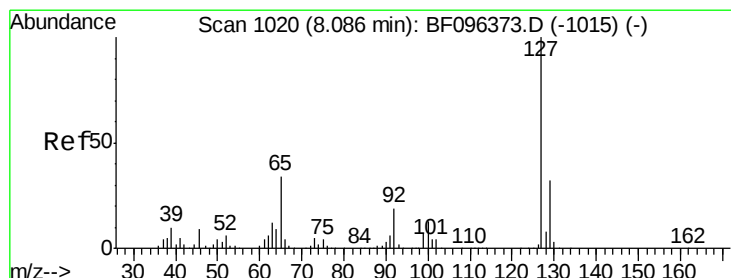
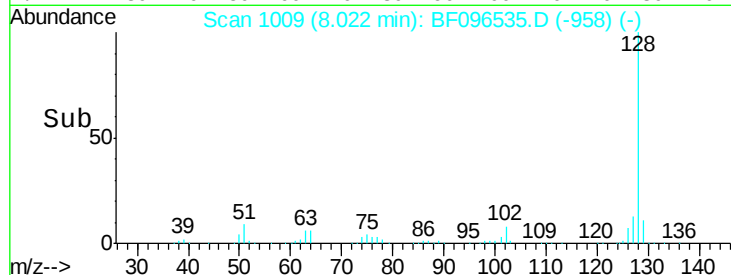
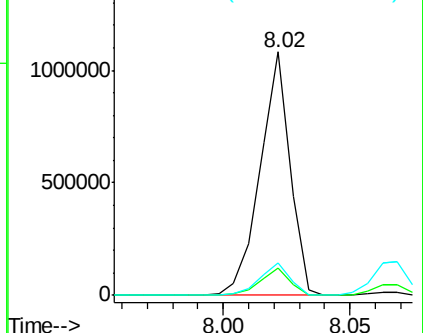
#31
Naphthalene
Concen: 36.53 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 887615
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.8 16.2

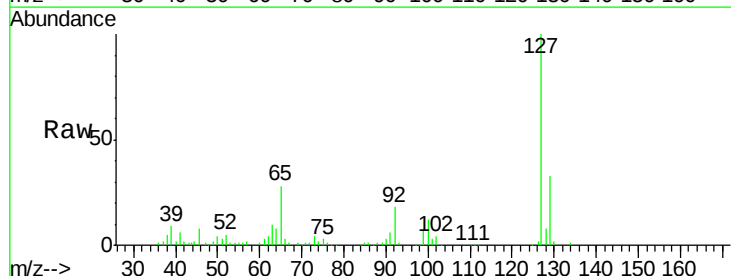


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

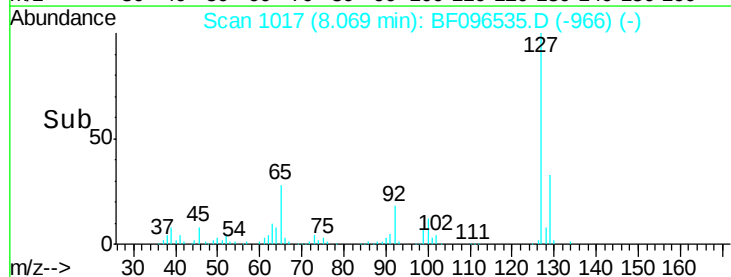
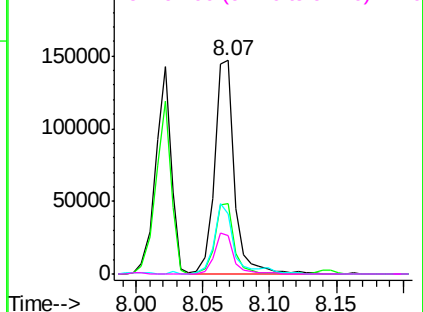


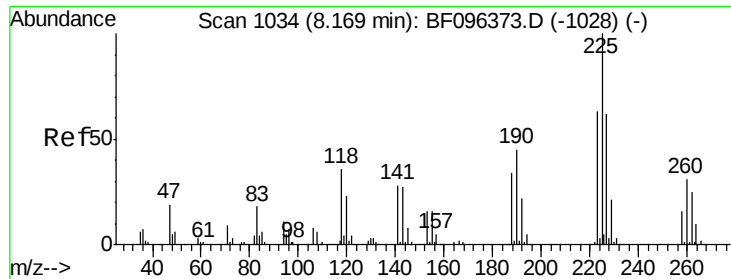
#33
4-Chloroaniline
Concen: 15.40 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:127 Resp: 155454
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.2
65 28.4 27.8 41.8
92 18.2 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

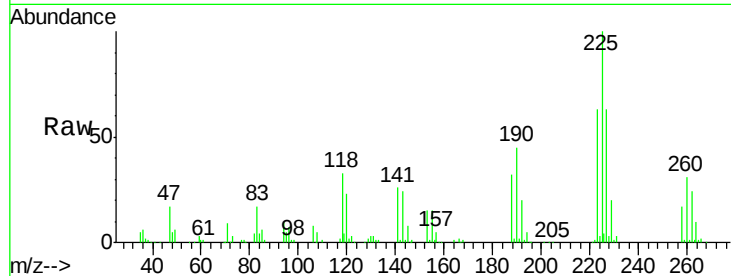




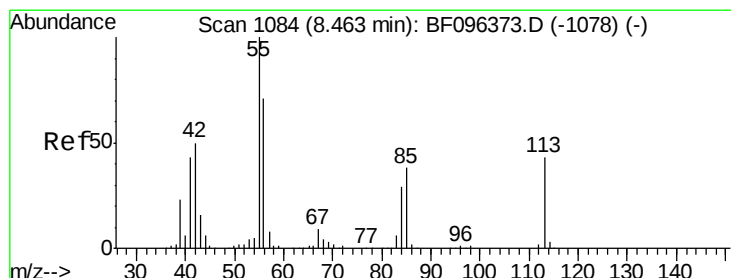
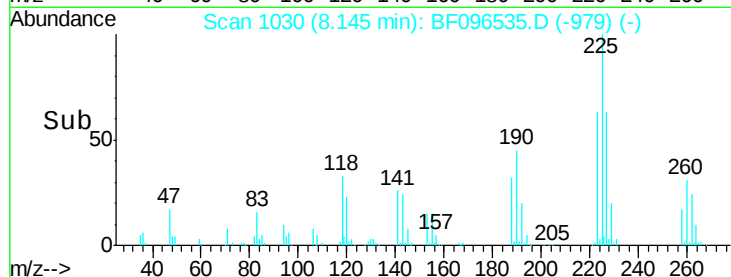
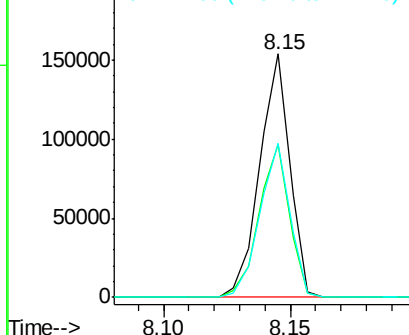
#34
Hexachlorobutadiene
Concen: 37.95 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 128287
Ion Ratio Lower Upper
225 100
223 62.7 48.8 73.2
227 63.3 51.1 76.7

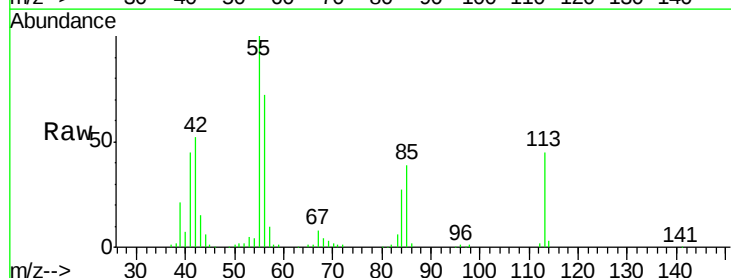


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

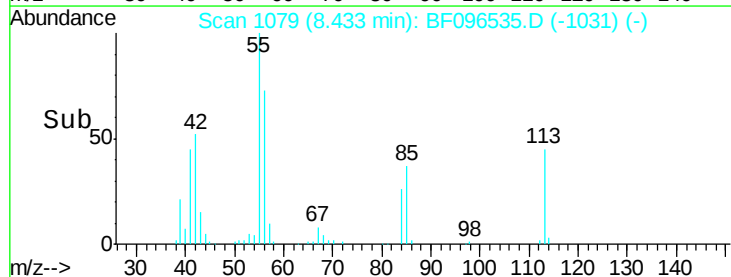
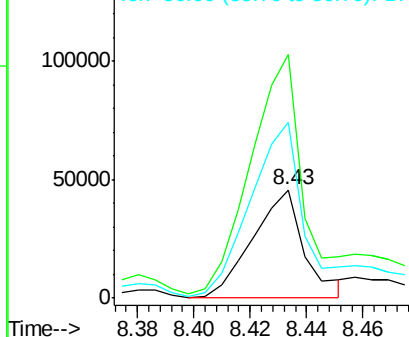


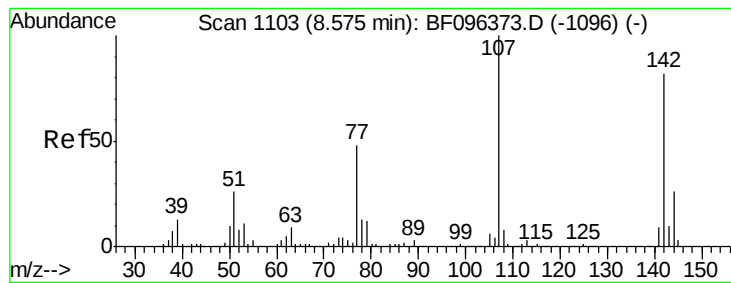
#35
Caprolactam
Concen: 23.81 ng
RT: 8.43 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:113 Resp: 57368
Ion Ratio Lower Upper
113 100
55 224.6 150.2 190.2#
56 162.0 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 33.49 ng

RT: 8.56 min Scan# 1101

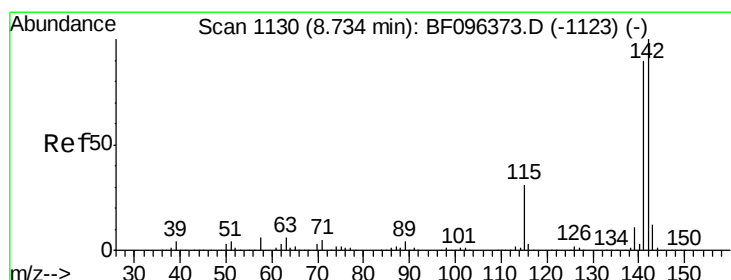
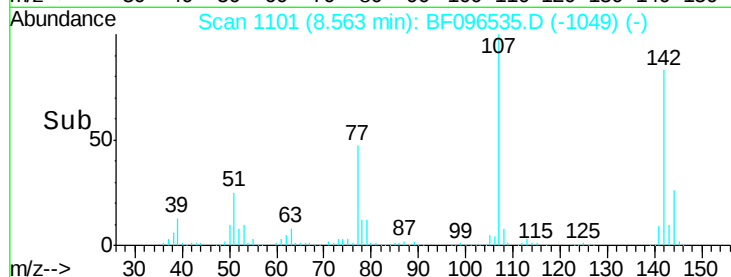
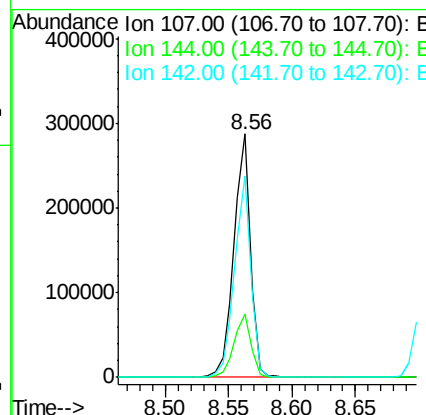
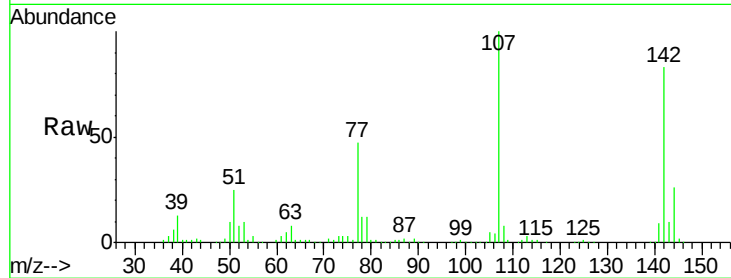
Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	258920
Ion	Ratio	Lower	Upper
107	100		
144	26.0	24.2	36.4
142	82.6	73.4	110.0



#37

2-Methylnaphthalene

Concen: 37.91 ng

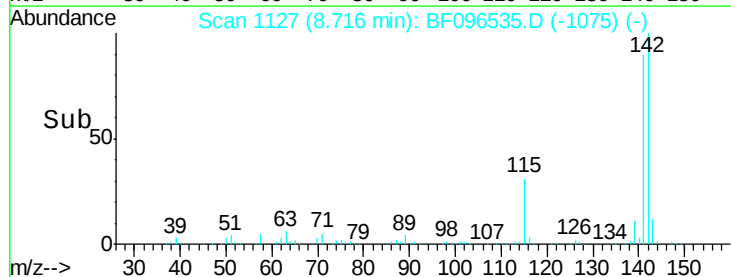
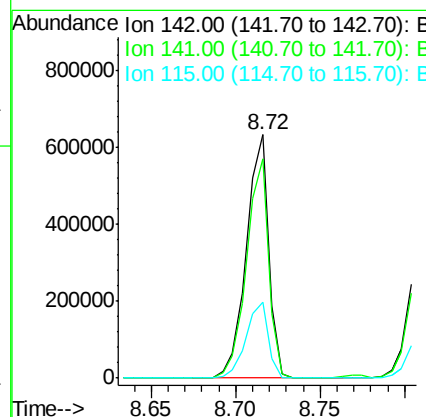
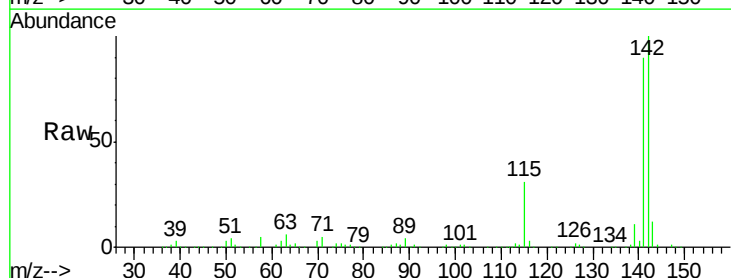
RT: 8.72 min Scan# 1127

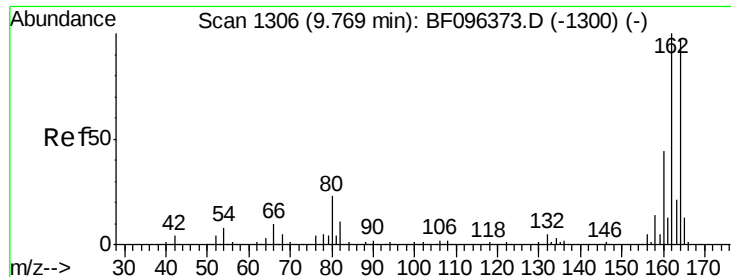
Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Tgt Ion:	142	Resp:	586331
Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	31.1	27.1	40.7

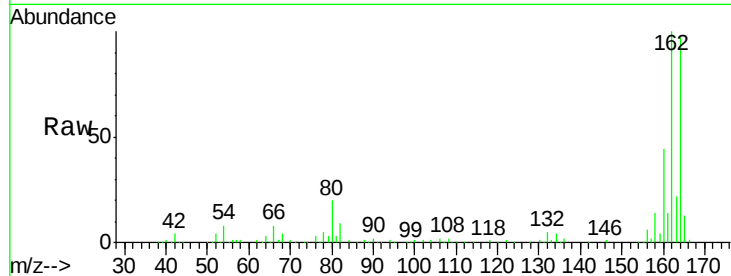




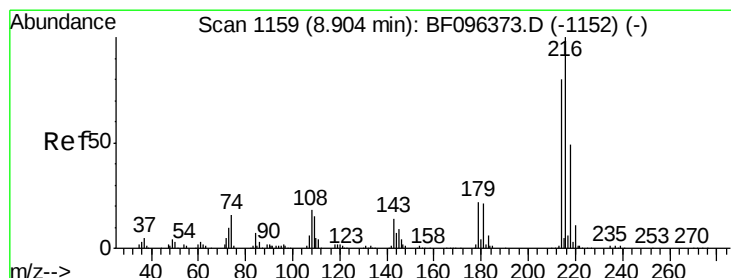
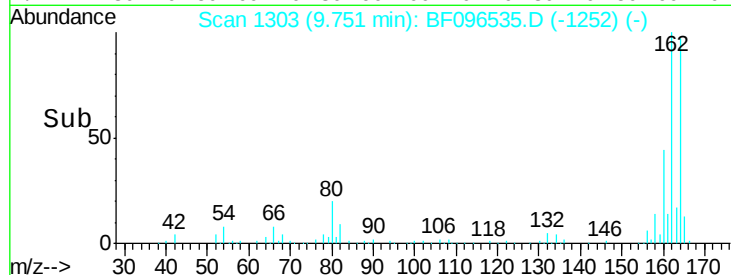
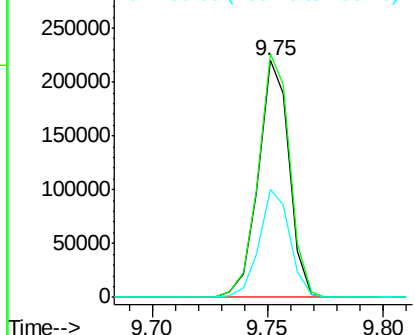
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 204388
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.6 36.2 54.2

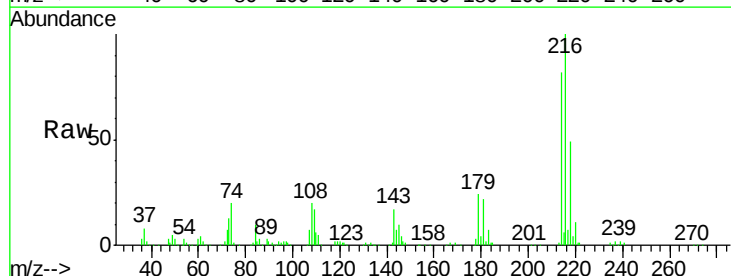


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

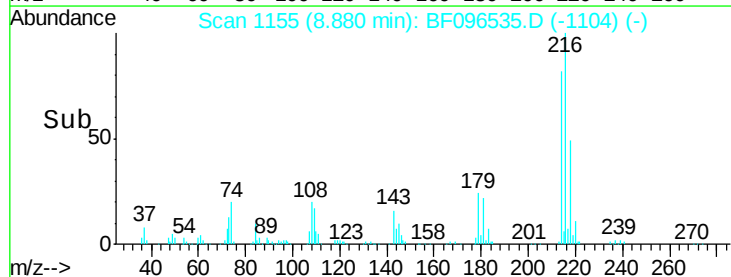
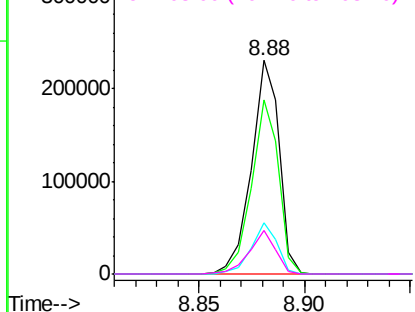


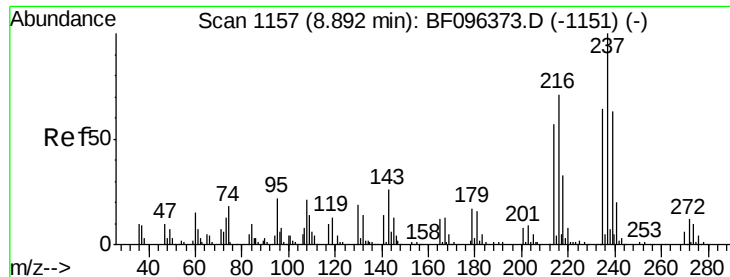
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.56 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion:216 Resp: 209937
 Ion Ratio Lower Upper
 216 100
 214 80.0 63.4 95.2
 179 22.5 17.9 26.9
 108 19.3 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

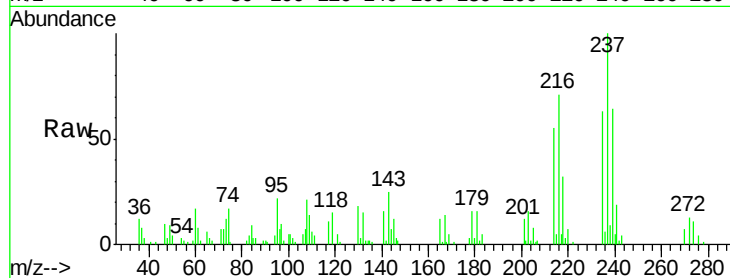




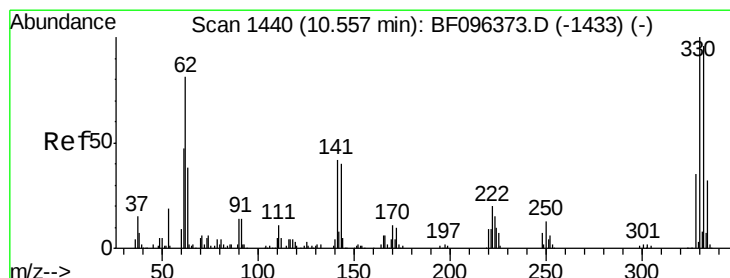
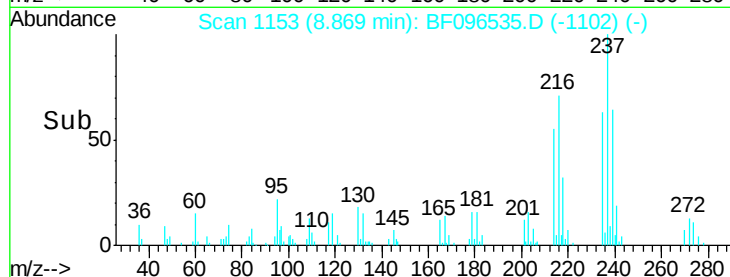
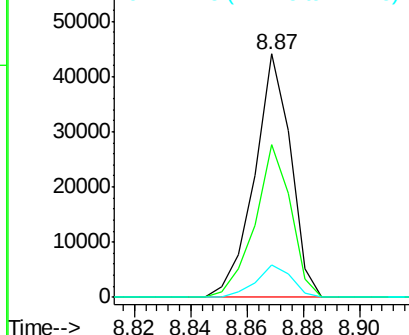
#40
Hexachlorocyclopentadiene
Concen: 15.23 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 237 Resp: 39307
Ion Ratio Lower Upper
237 100
235 63.0 42.6 82.6
272 13.2 0.0 31.9

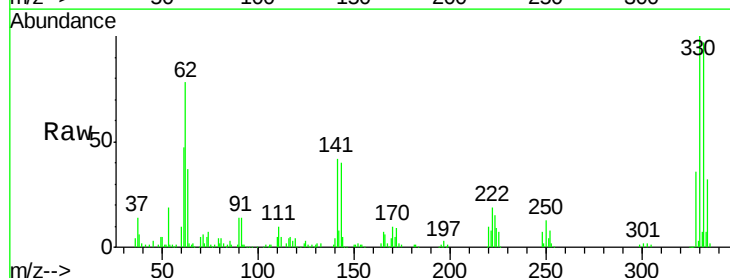


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

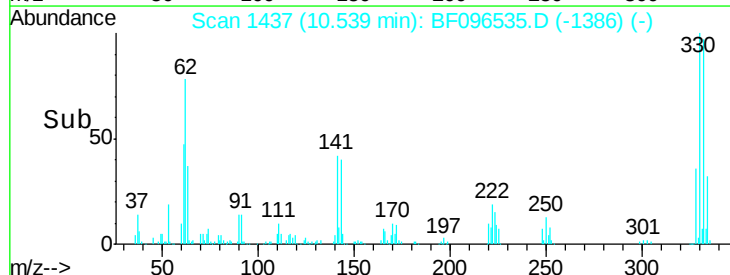
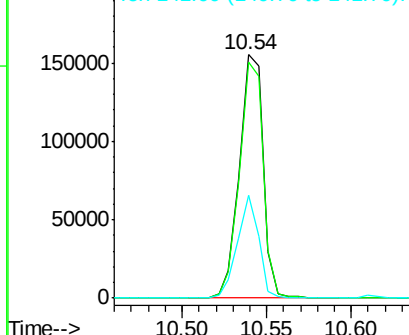


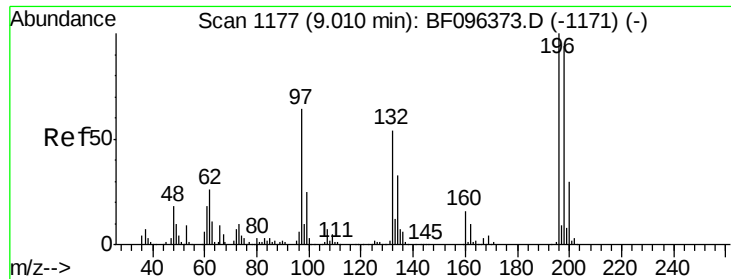
#41
2,4,6-Tribromophenol
Concen: 95.95 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion: 330 Resp: 153182
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 37.1 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

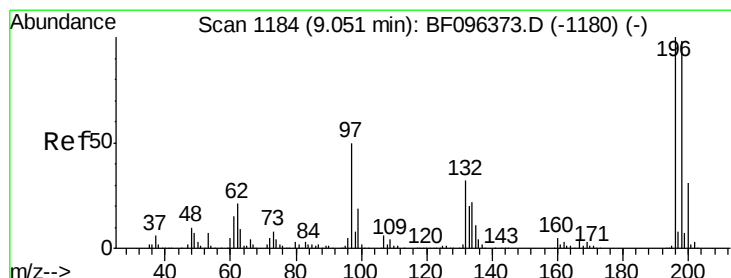
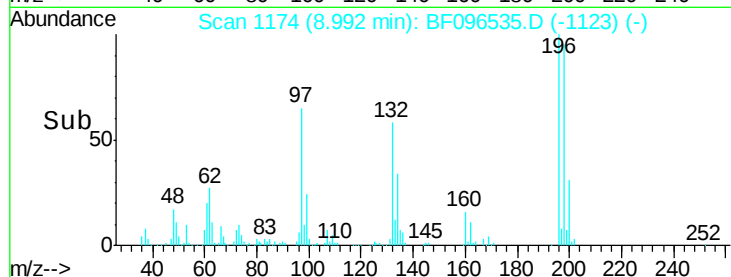
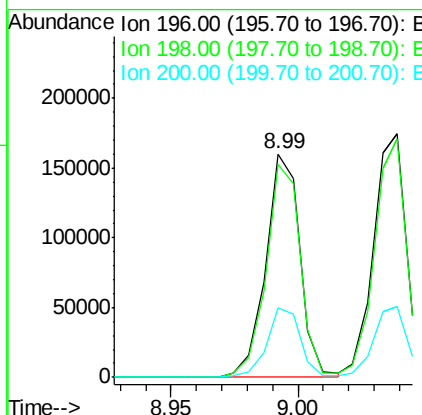
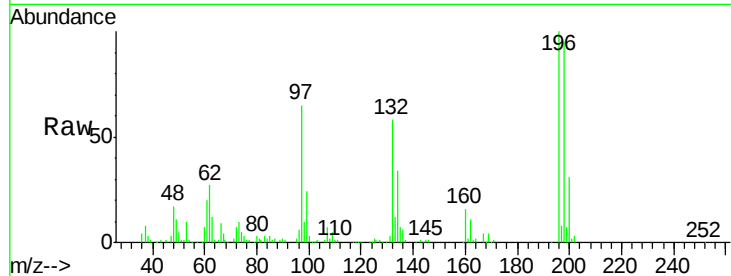




#42
2,4,6-Trichlorophenol
Concen: 36.14 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

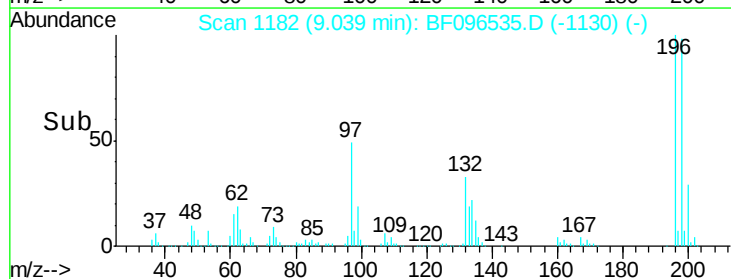
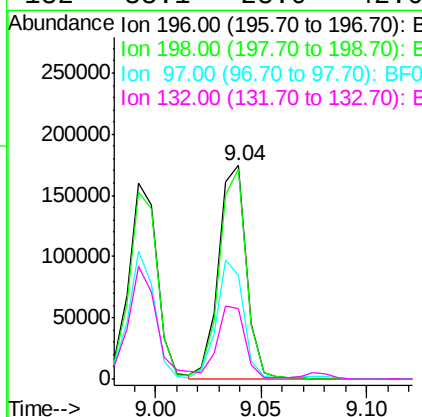
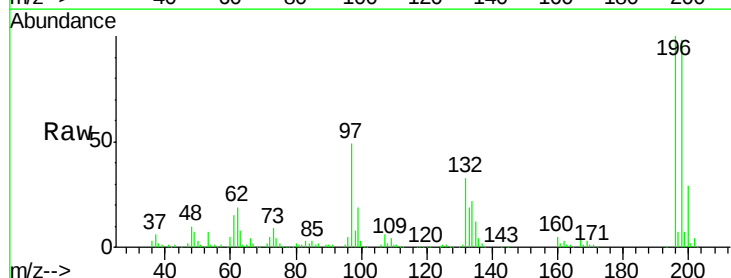
Instrument :
BNA_F
ClientSampled :

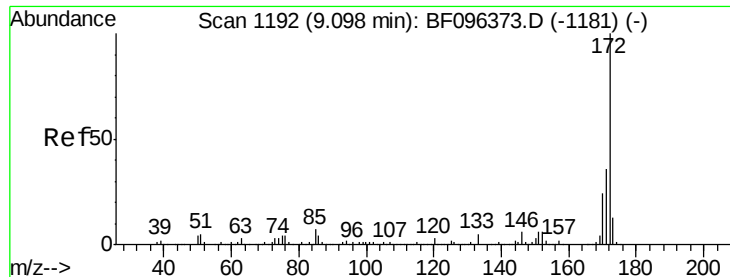
Tot Ion:196 Resp: 151739
Ion Ratio Lower Upper
196 100
198 95.4 74.2 111.4
200 30.9 24.0 36.0



#43
2,4,5-Trichlorophenol
Concen: 38.41 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:196 Resp: 159436
Ion Ratio Lower Upper
196 100
198 98.2 75.7 113.5
97 48.7 47.7 71.5
132 33.1 28.0 42.0

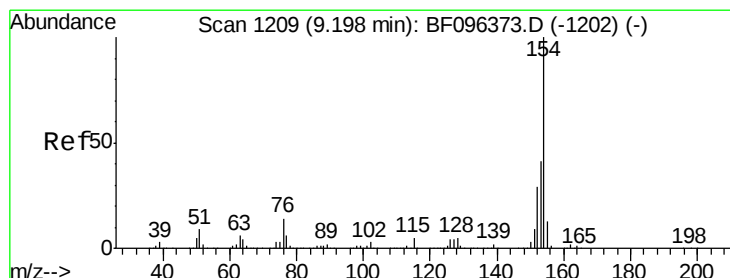
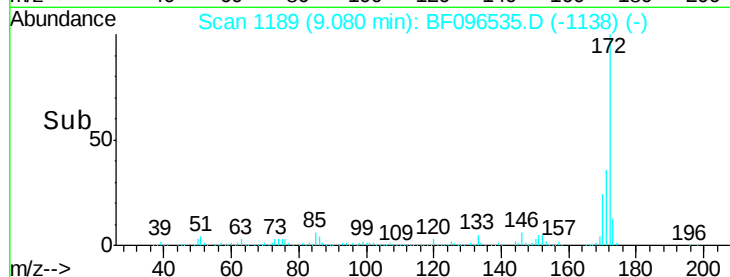
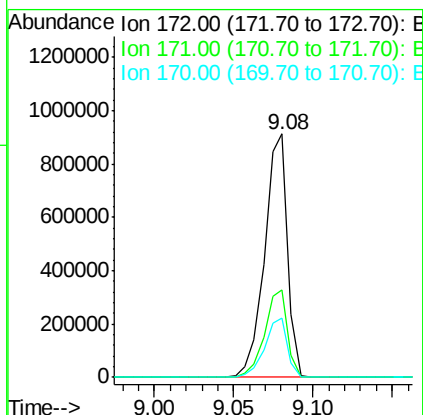
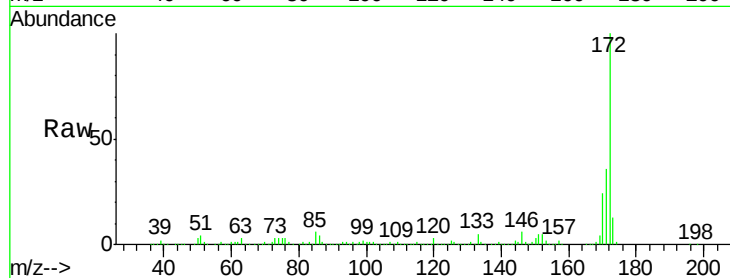




#44
2-Fluorobiphenyl
Concen: 77.39 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

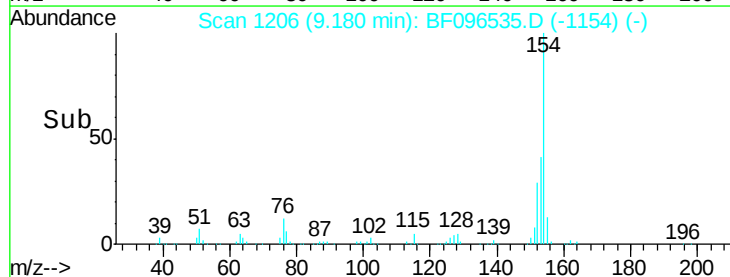
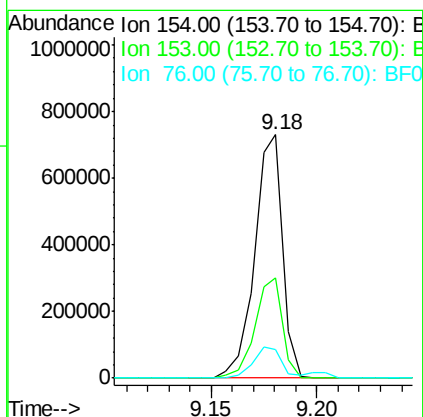
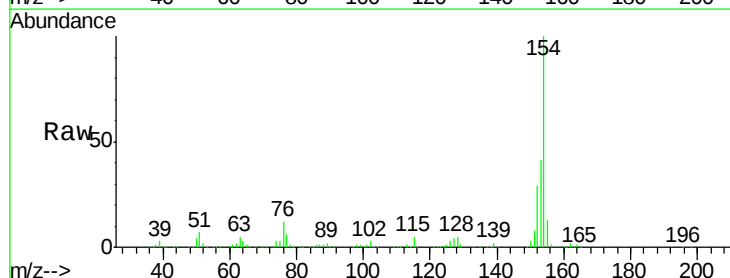
Instrument :
BNA_F
ClientSampleId :

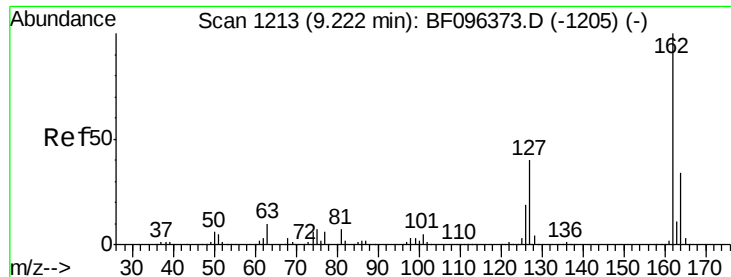
Tot Ion:172 Resp: 925112
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.3 19.8 29.8



#45
1,1'-Biphenyl
Concen: 38.28 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:154 Resp: 670411
Ion Ratio Lower Upper
154 100
153 41.4 21.2 61.2
76 11.8 0.0 29.9

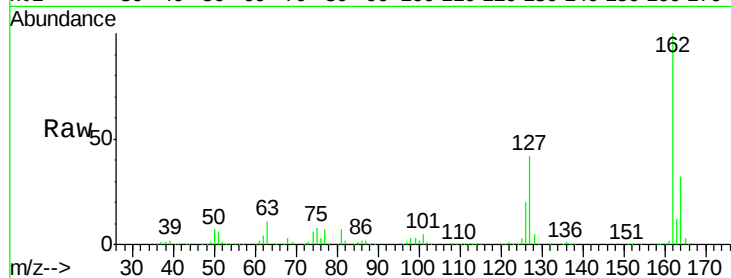




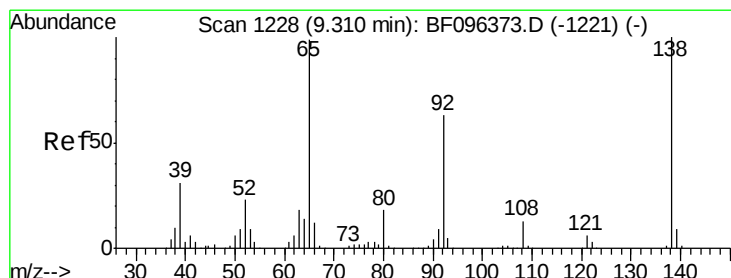
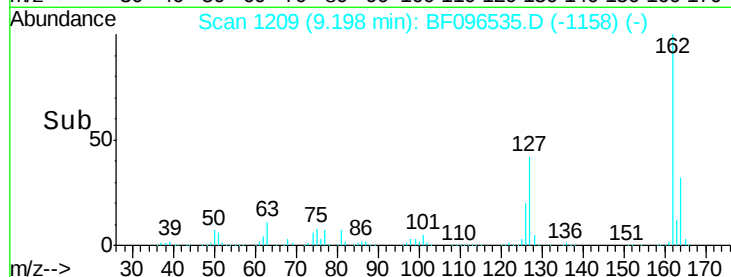
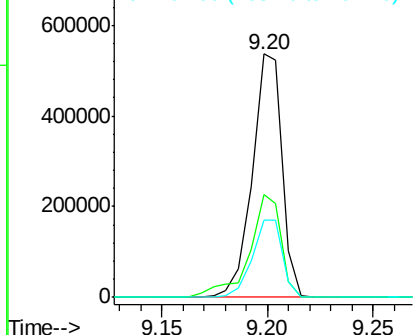
#46
2-Chloronaphthalene
Concen: 40.33 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 526288
Ion Ratio Lower Upper
162 100
127 42.0 28.3 42.5
164 32.0 27.0 40.4

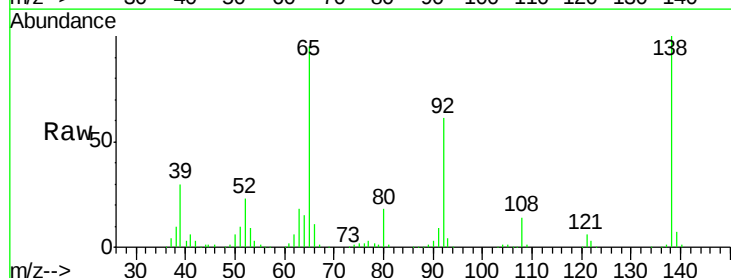


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

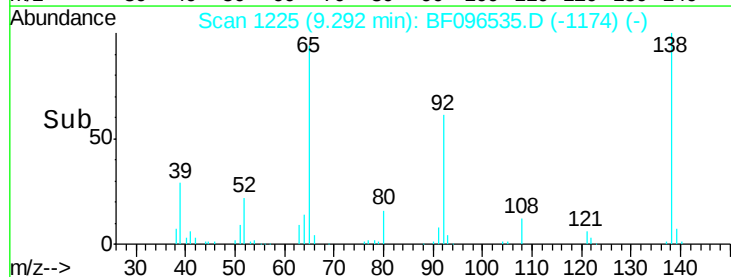
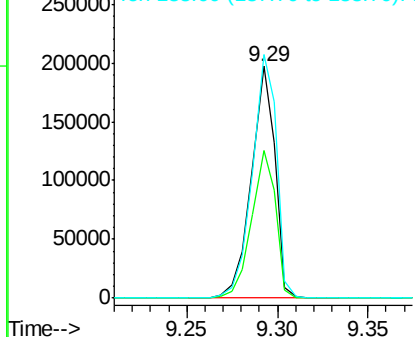


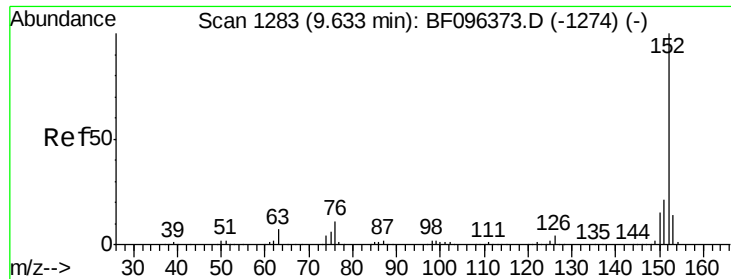
#47
2-Nitroaniline
Concen: 37.47 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion: 65 Resp: 177937
Ion Ratio Lower Upper
65 100
92 63.9 53.9 80.9
138 105.2 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 39.36 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

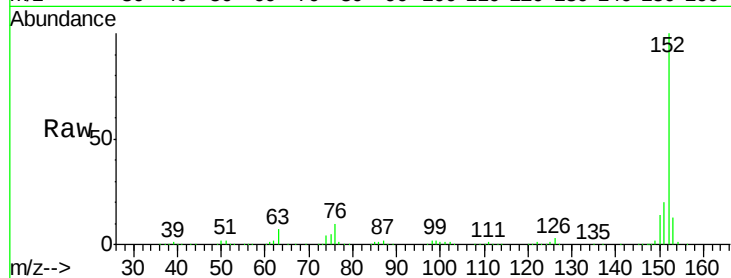
Tot Ion:152 Resp: 813967

Ion Ratio Lower Upper

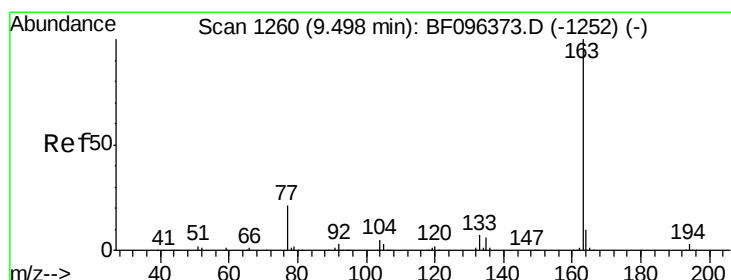
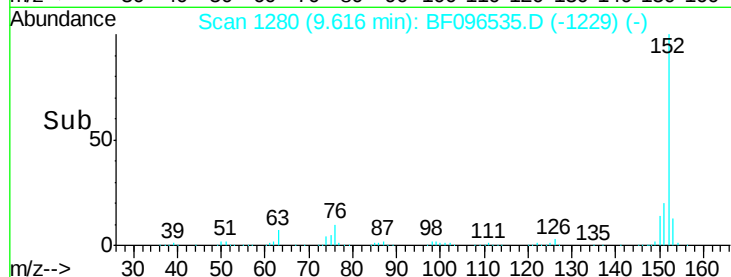
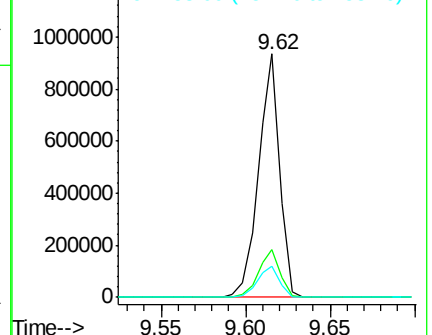
152 100

151 19.9 16.8 25.2

153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 51.05 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

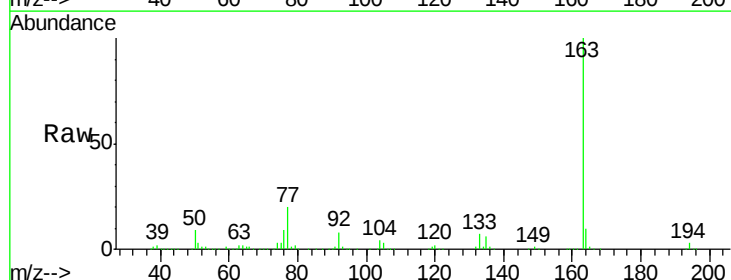
Tgt Ion:163 Resp: 778972

Ion Ratio Lower Upper

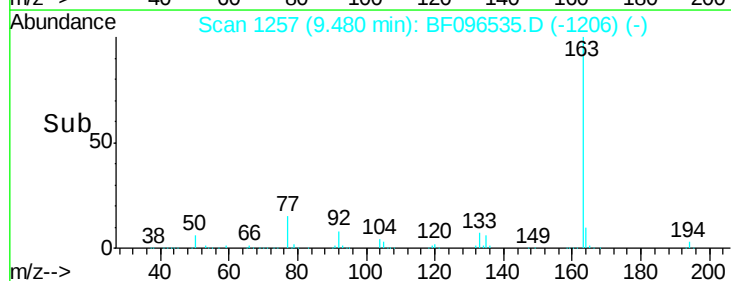
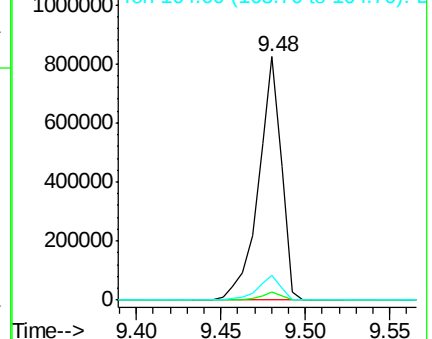
163 100

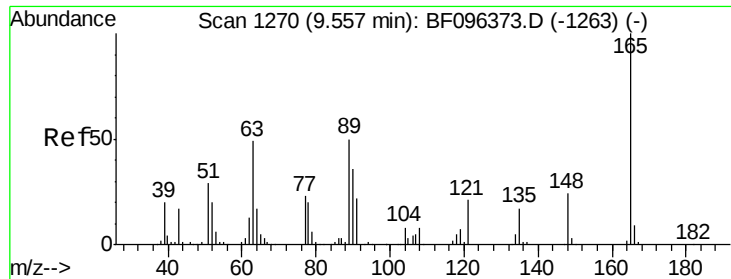
194 3.2 2.6 4.0

164 10.3 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

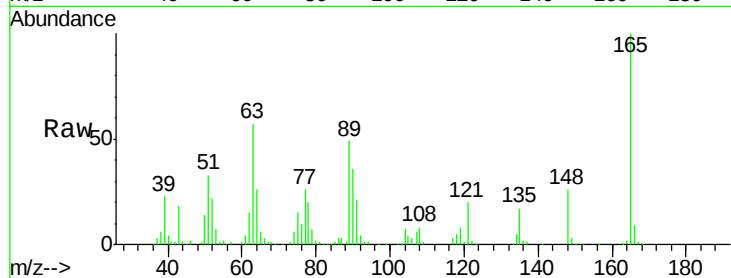




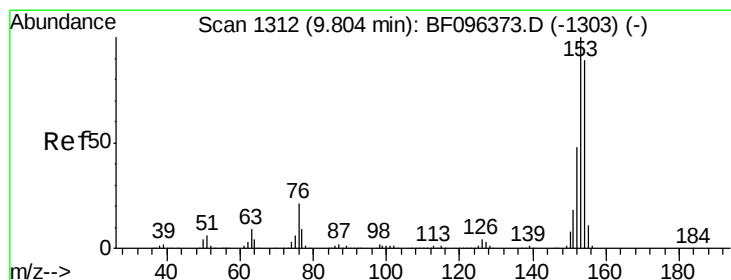
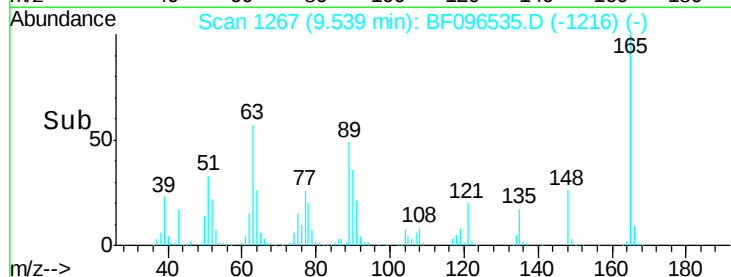
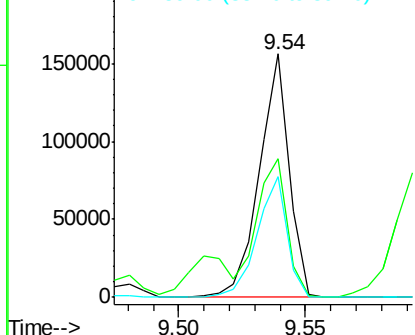
#50
2,6-Dinitrotoluene
Concen: 38.03 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 128331
Ion Ratio Lower Upper
165 100
63 57.0 34.3 51.5#
89 49.3 37.1 55.7

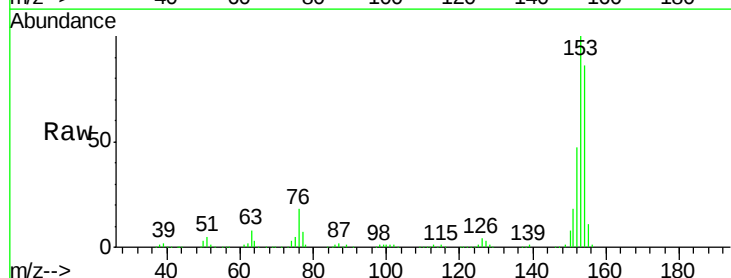


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

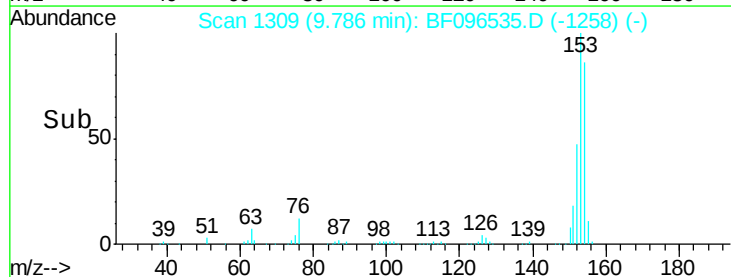
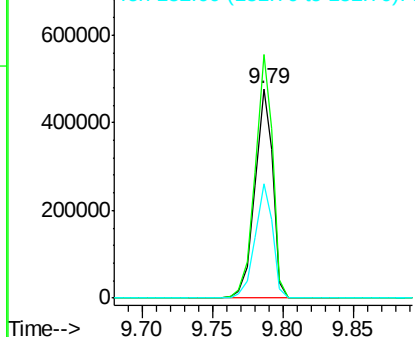


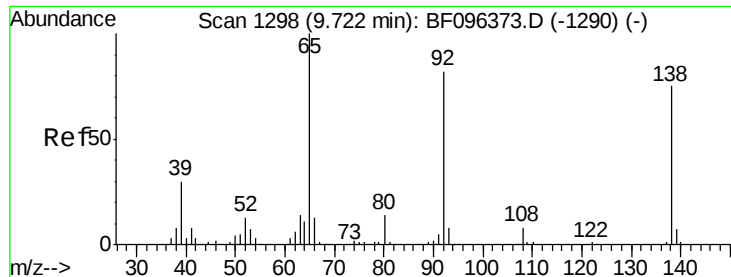
#51
Acenaphthene
Concen: 33.49 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:154 Resp: 426862
Ion Ratio Lower Upper
154 100
153 116.2 90.5 135.7
152 54.5 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

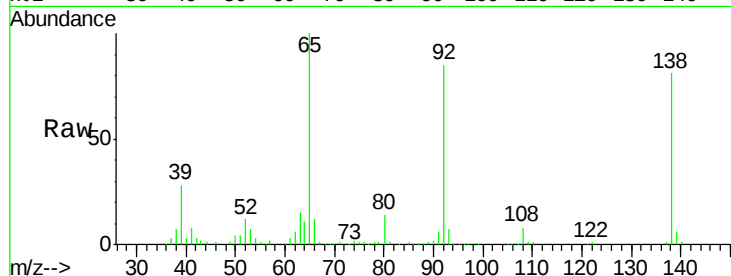




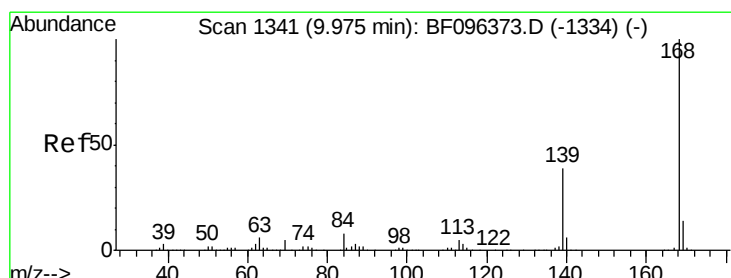
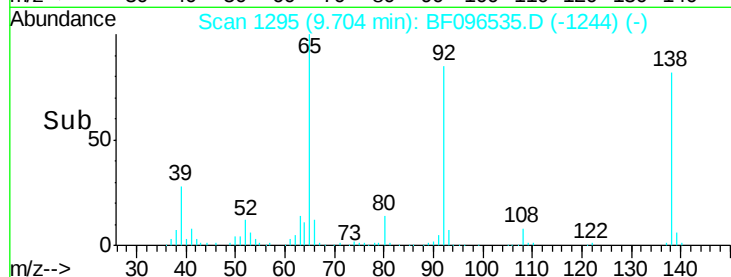
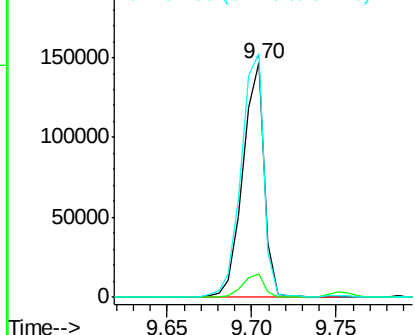
#52
3-Nitroaniline
Concen: 30.95 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 130239
Ion Ratio Lower Upper
138 100
108 9.9 9.1 13.7
92 104.0 93.8 140.6

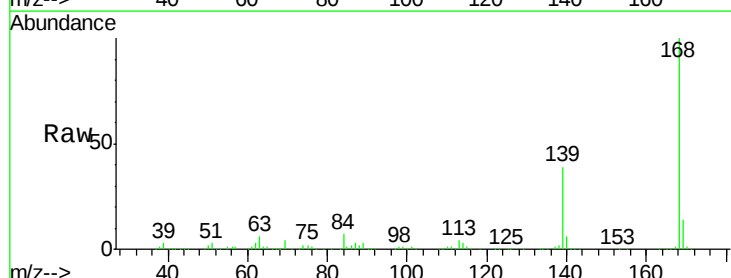


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

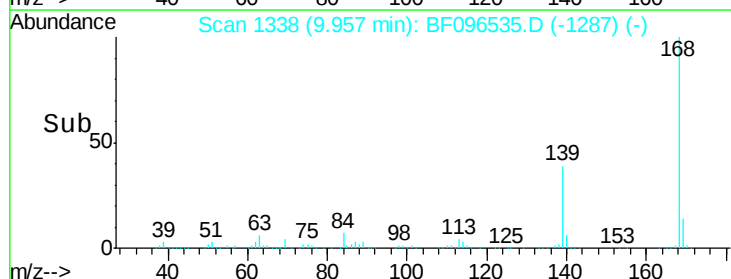
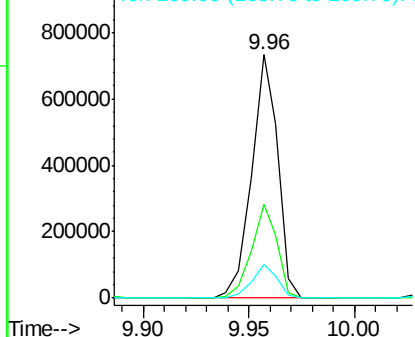


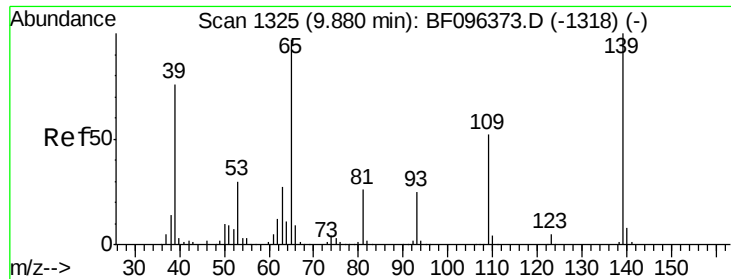
#54
Dibenzofuran
Concen: 37.48 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:168 Resp: 630811
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 13.7 10.8 16.2



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





#55

4-Nitrophenol

Concen: 51.04 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

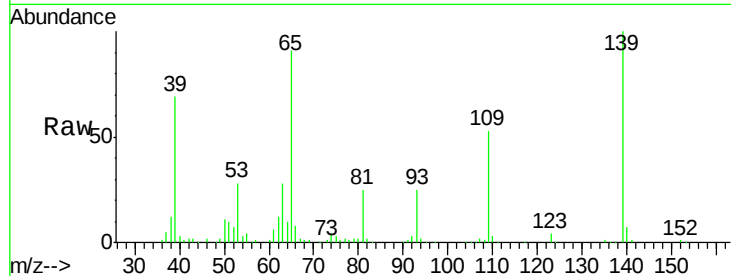
Tot Ion:139 Resp: 178015

Ion Ratio Lower Upper

139 100

109 53.5 34.1 74.1

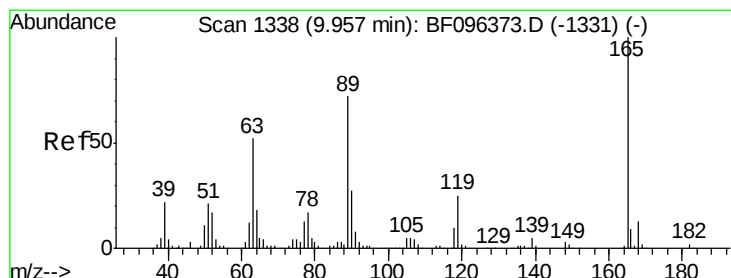
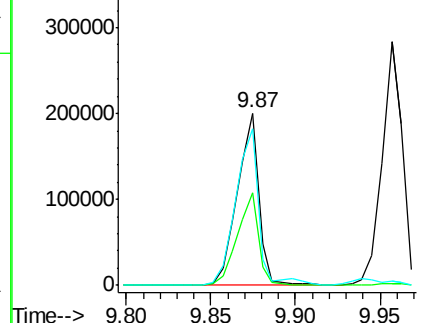
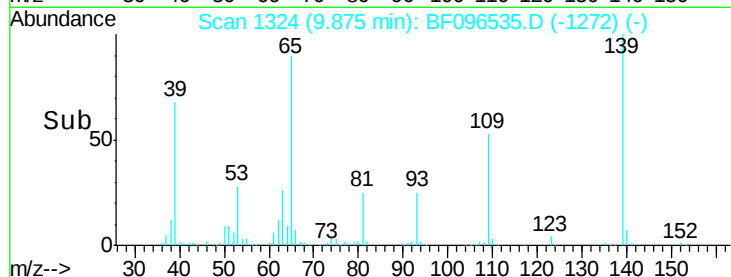
65 90.7 31.4 71.4#



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: 33.89 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Tgt Ion:165 Resp: 144807

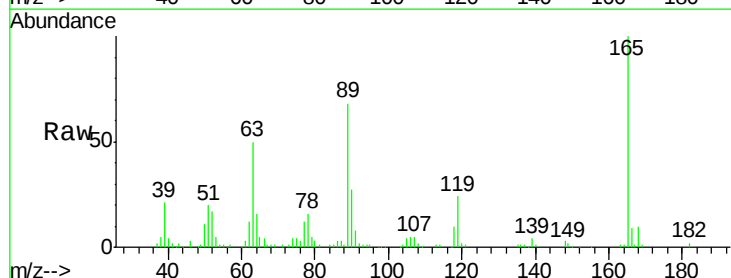
Ion Ratio Lower Upper

165 100

63 50.3 25.4 38.0#

89 67.6 46.4 69.6

182 2.2 1.8 2.6

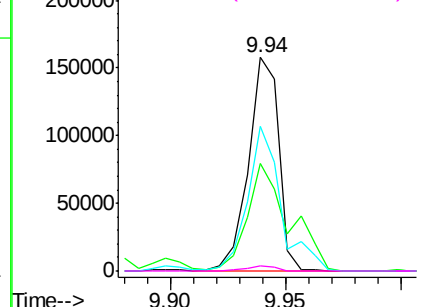
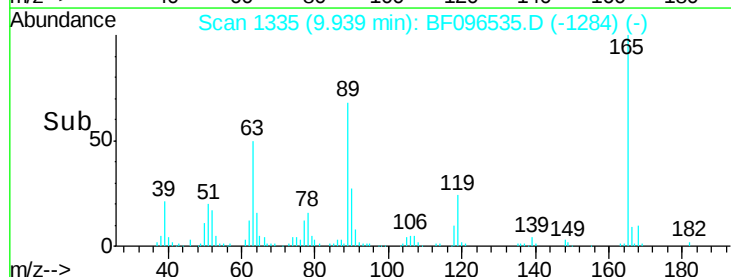


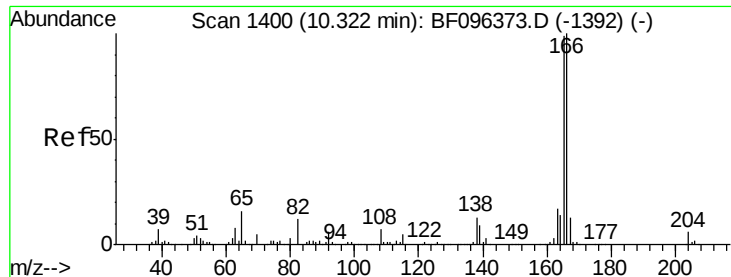
Abundance Ion 165.00 (164.70 to 165.70): E

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

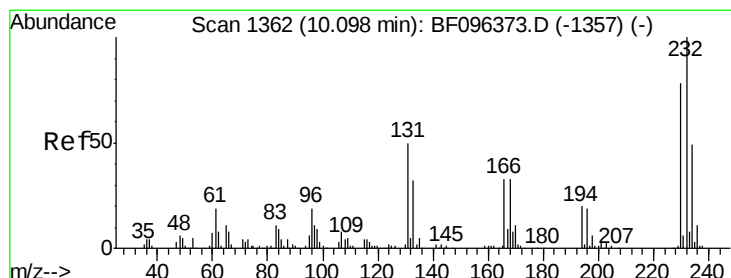
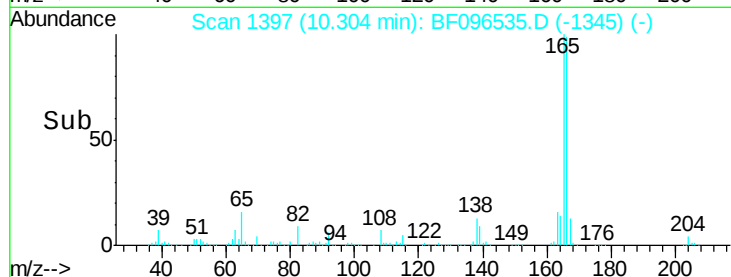
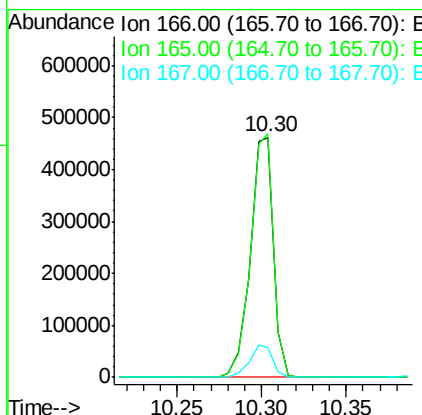
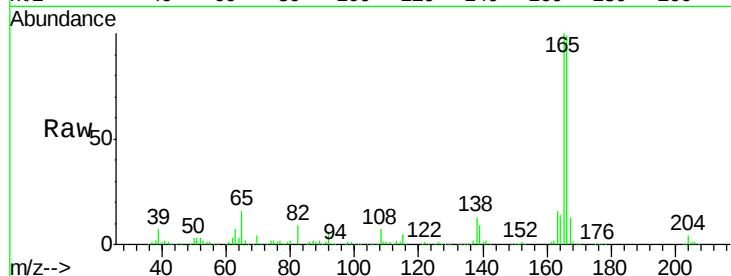




#57
 Fluorene
 Concen: 37.30 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

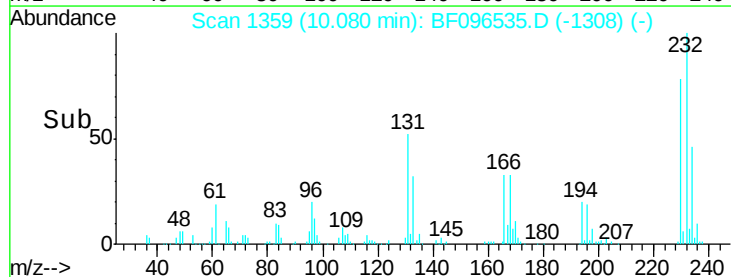
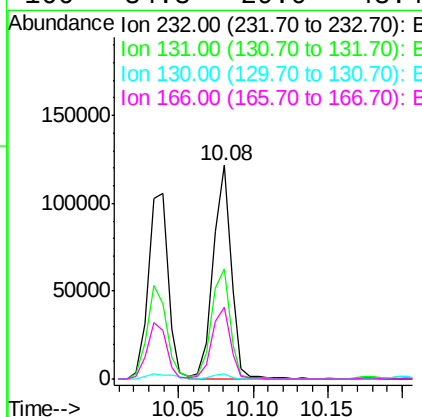
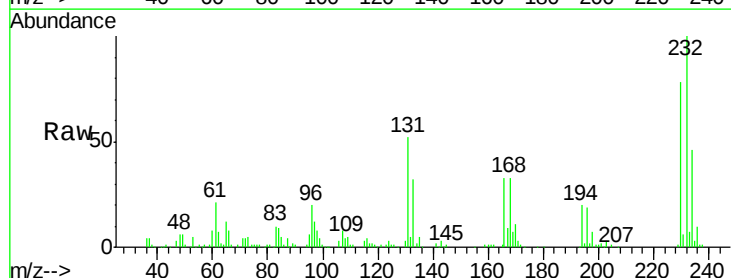
Instrument :
 BNA_F
 ClientSampleId :

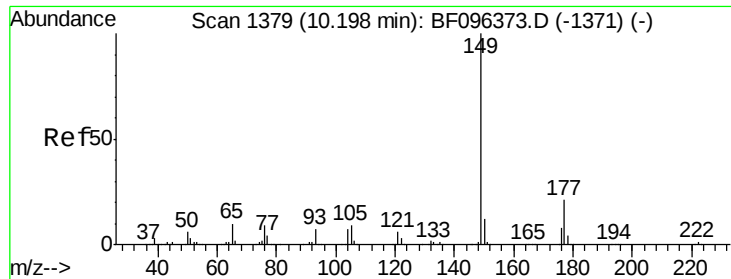
Tot Ion:166 Resp: 443402
 Ion Ratio Lower Upper
 166 100
 165 101.3 78.8 118.2
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.59 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion:232 Resp: 102208
 Ion Ratio Lower Upper
 232 100
 131 53.6 44.8 67.2
 130 2.6 2.3 3.5
 166 34.3 29.0 43.4

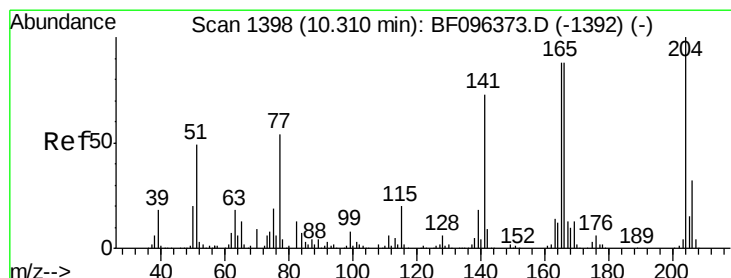
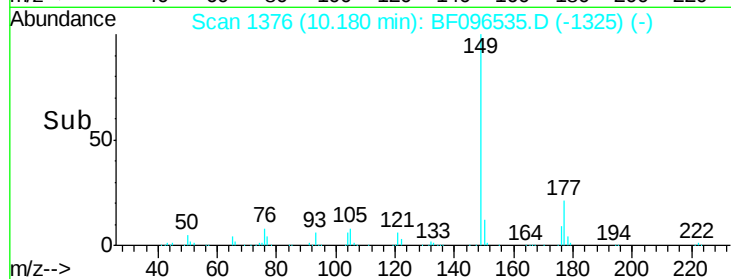
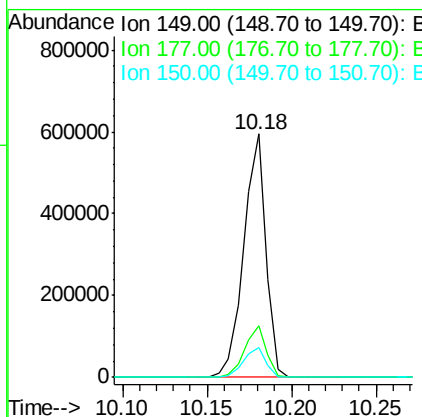
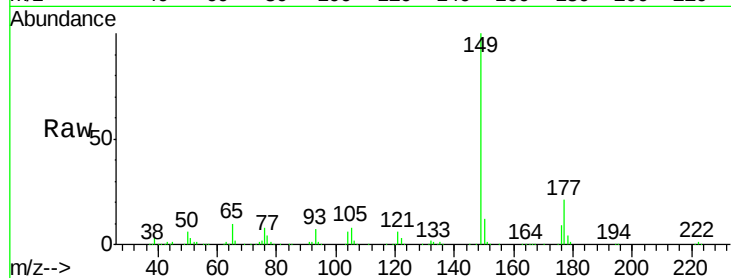




#59
Diethylphthalate
Concen: 37.81 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

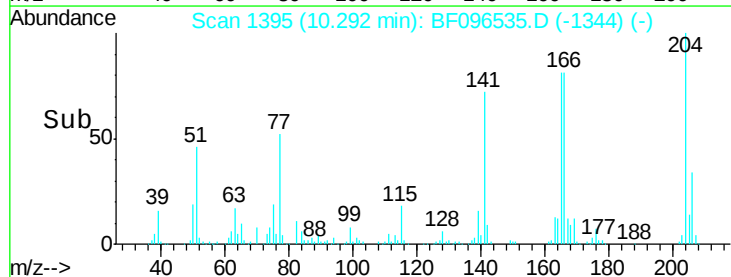
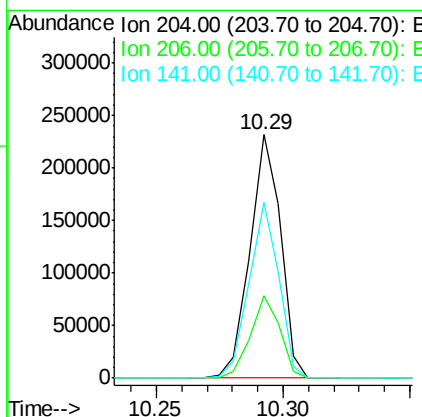
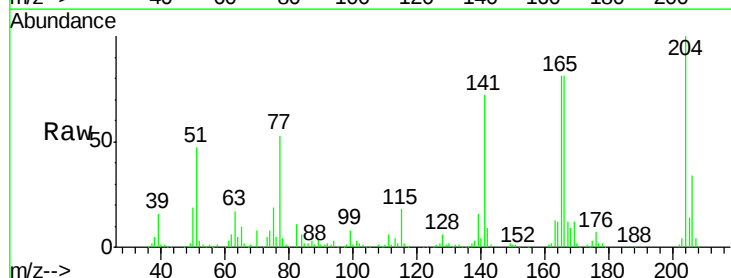
Instrument :
BNA_F
ClientSampleId :

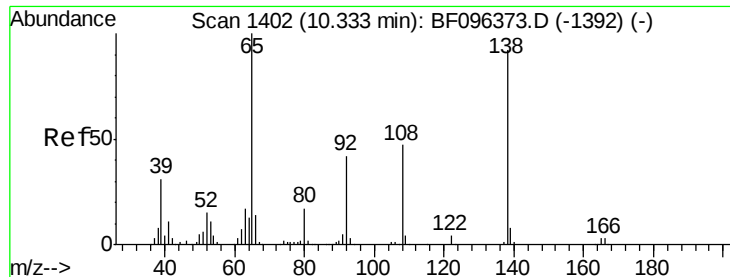
Tot Ion:149 Resp: 545269
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.75 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:204 Resp: 195248
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 72.0 60.8 91.2

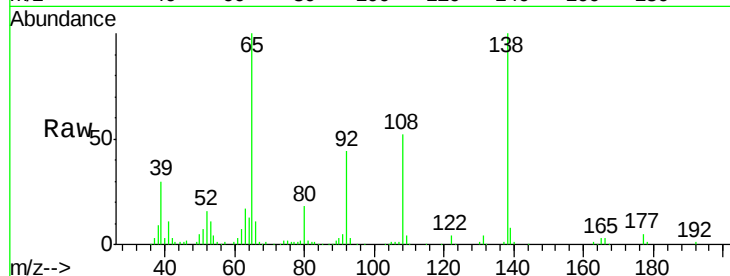




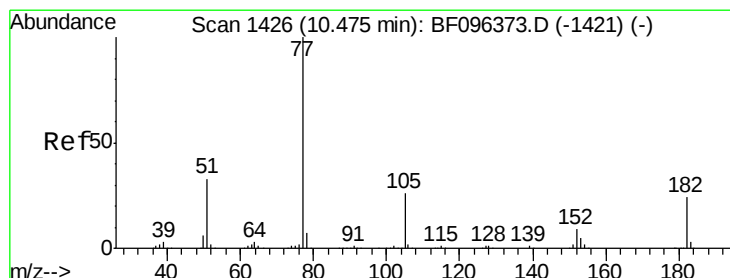
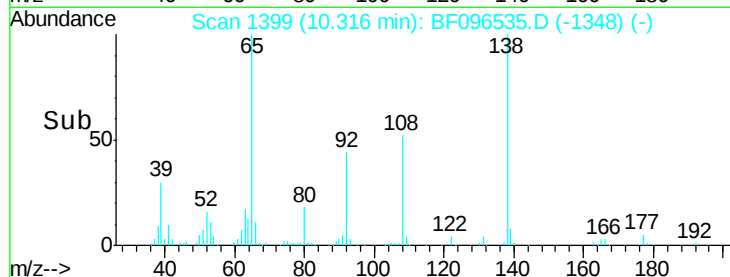
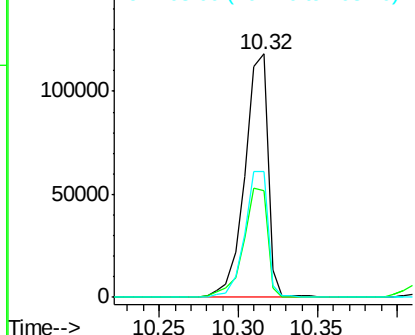
#61
4-Nitroaniline
Concen: 31.19 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 119347
Ion Ratio Lower Upper
138 100
92 43.7 21.8 61.8
108 51.9 42.3 82.3

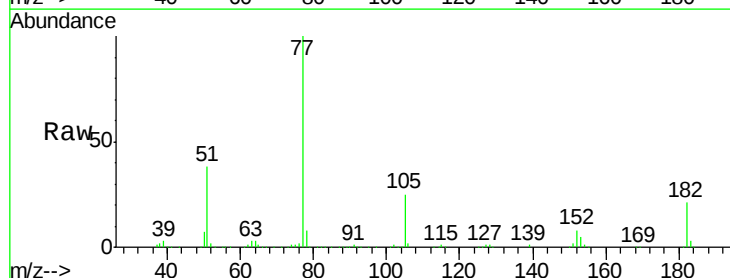


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

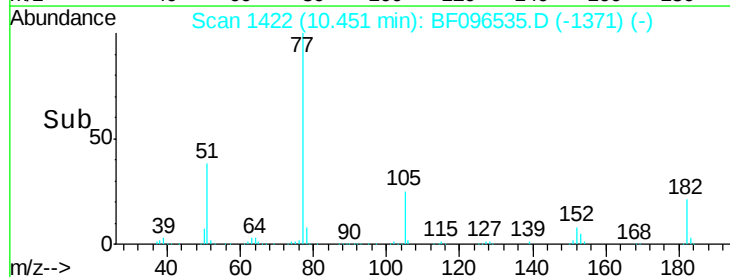
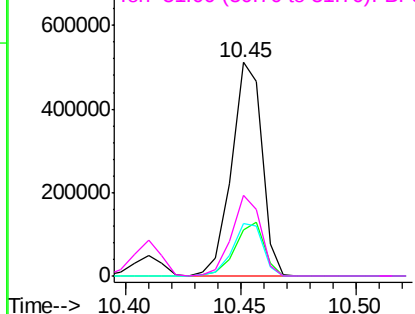


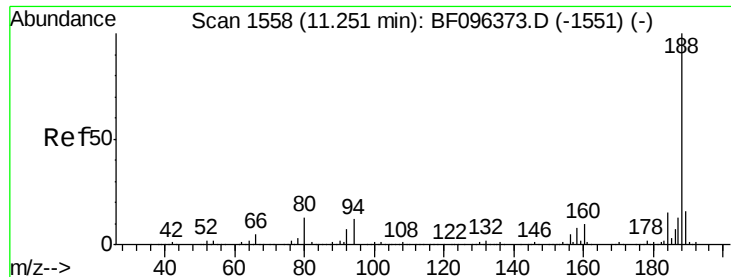
#62
Azobenzene
Concen: 33.67 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion: 77 Resp: 469577
Ion Ratio Lower Upper
77 100
182 21.5 0.1 40.1
105 24.7 3.6 43.6
51 37.7 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

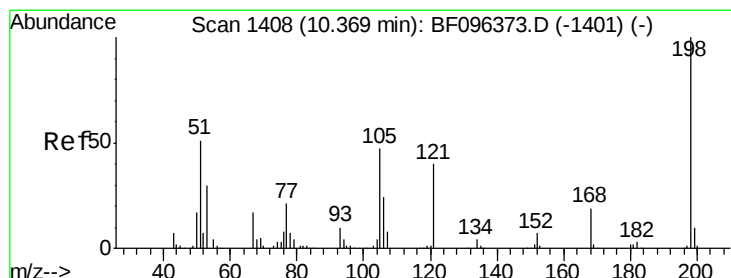
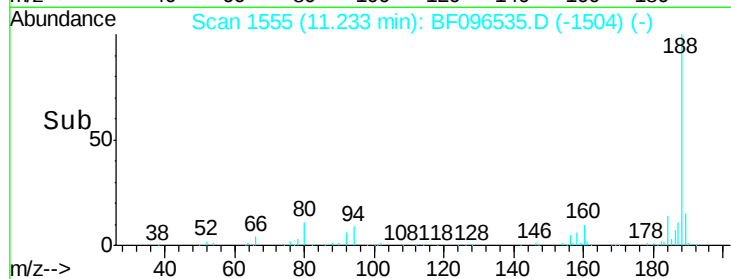
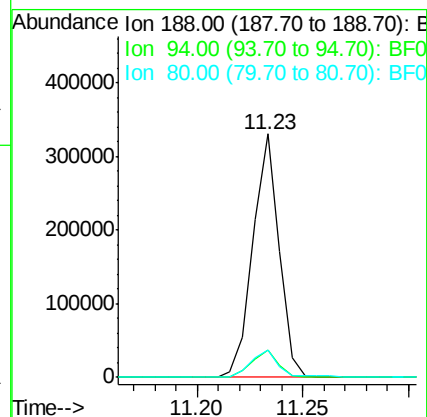
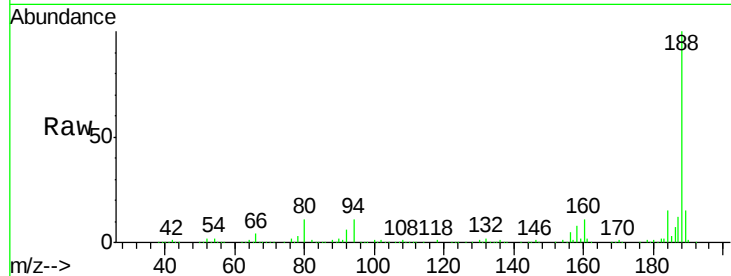




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

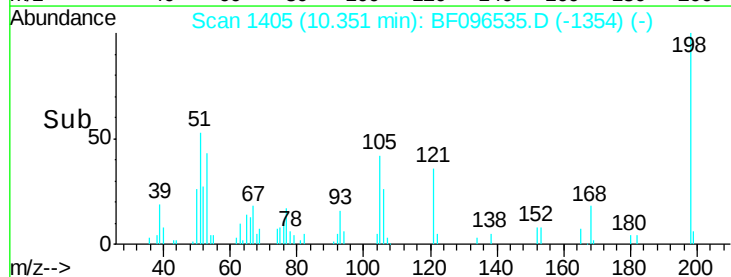
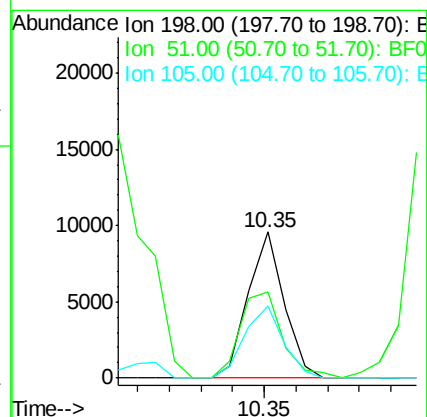
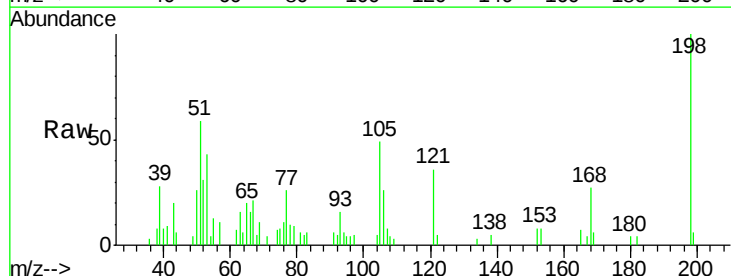
Instrument :
BNA_F
ClientSampleId :

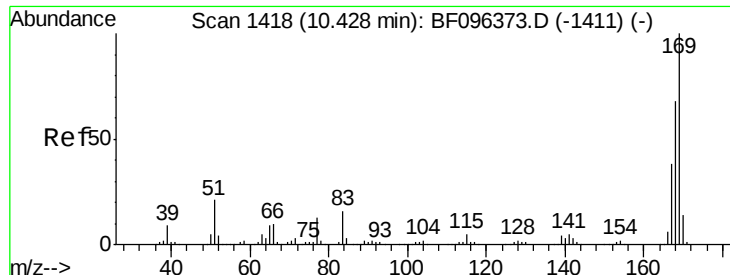
Tot Ion:188 Resp: 285525
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 3.82 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:198 Resp: 7522
Ion Ratio Lower Upper
198 100
51 58.8 53.2 93.2
105 49.3 45.8 85.8

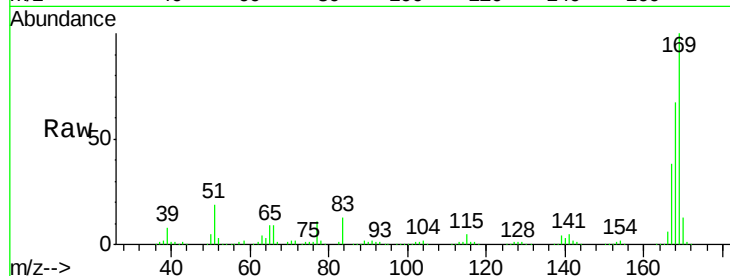




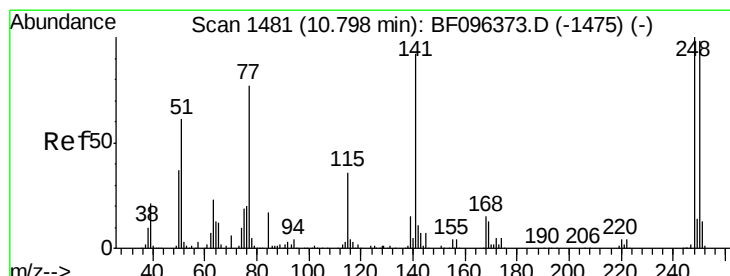
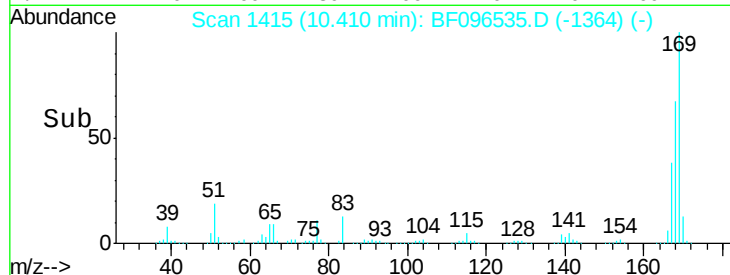
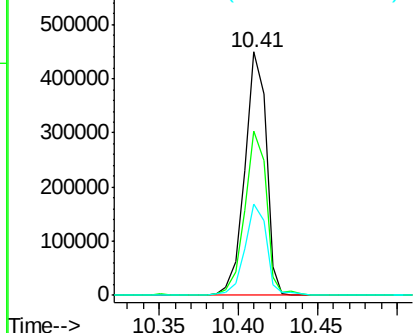
#65
n-Nitrosodiphenylamine
Concen: 42.01 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 420843
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 37.6 29.5 44.3

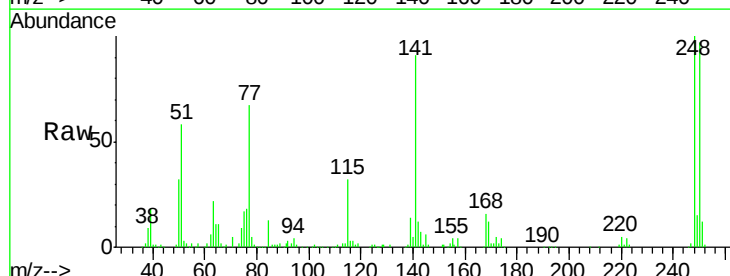


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

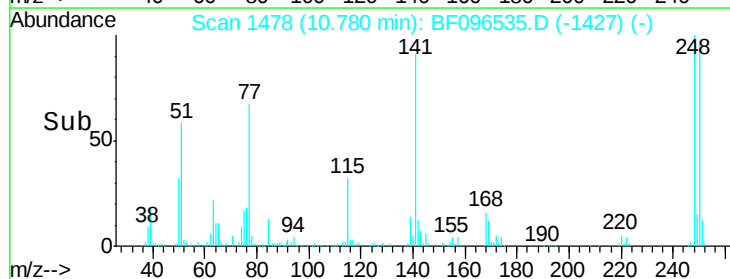
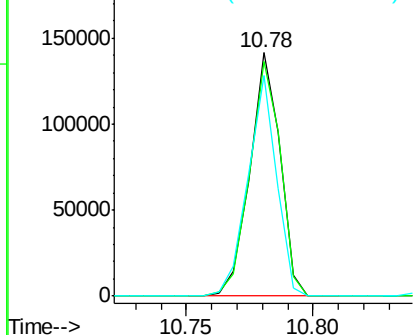


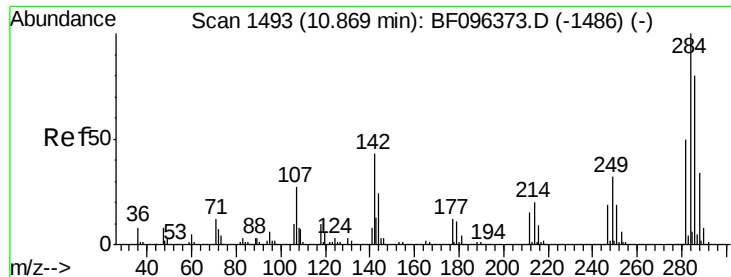
#66
4-Bromophenyl-phenylether
Concen: 42.29 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:248 Resp: 117557
Ion Ratio Lower Upper
248 100
250 96.5 76.8 115.2
141 90.6 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: 36.95 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

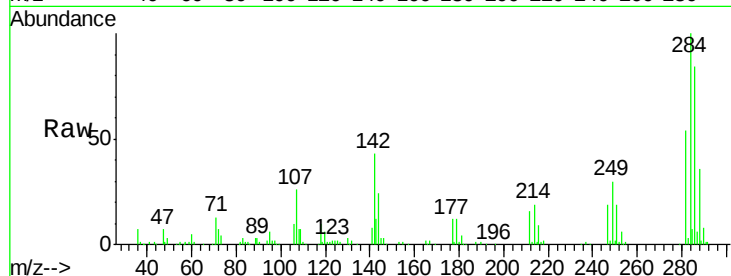
Tot Ion:284 Resp: 112436

Ion Ratio Lower Upper

284 100

142 42.8 22.8 34.2#

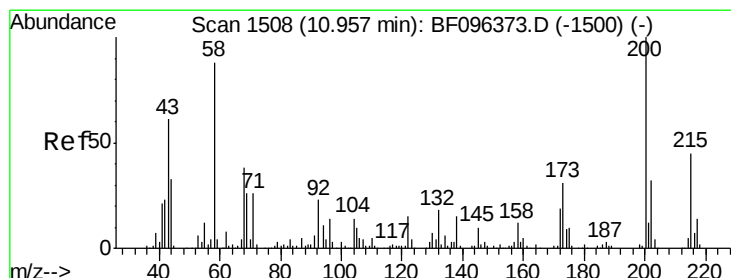
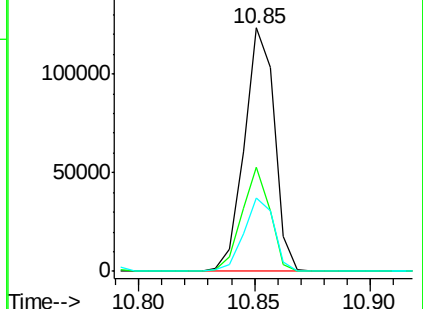
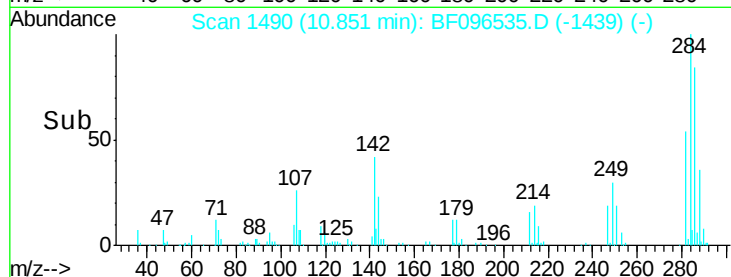
249 29.9 24.0 36.0



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: 40.51 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

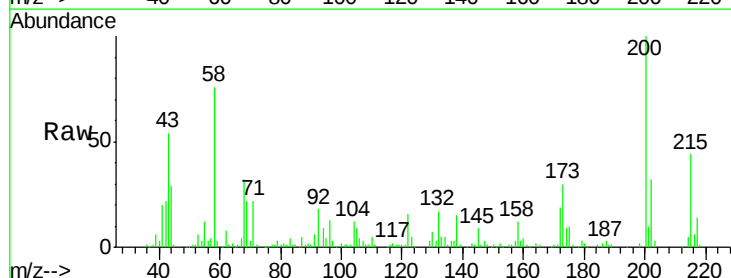
Tgt Ion:200 Resp: 115934

Ion Ratio Lower Upper

200 100

173 29.9 6.3 46.3

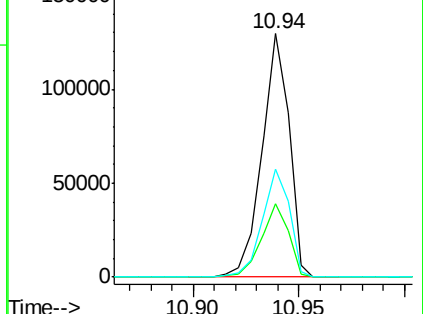
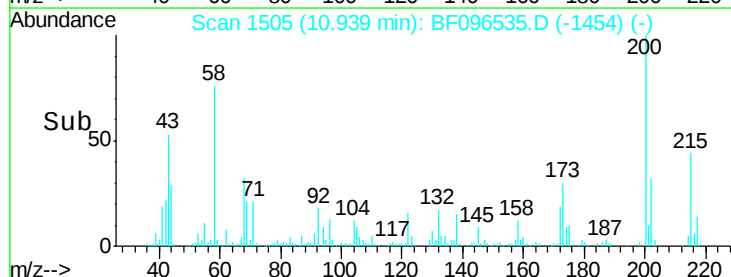
215 44.3 27.2 67.2

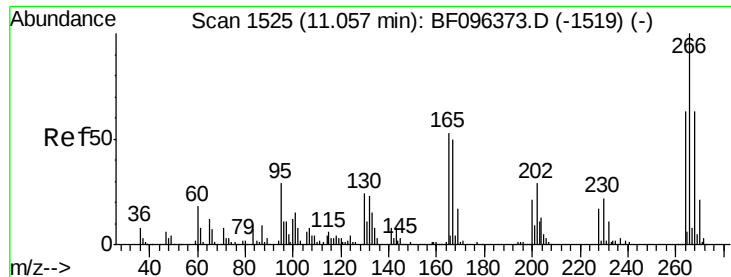


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

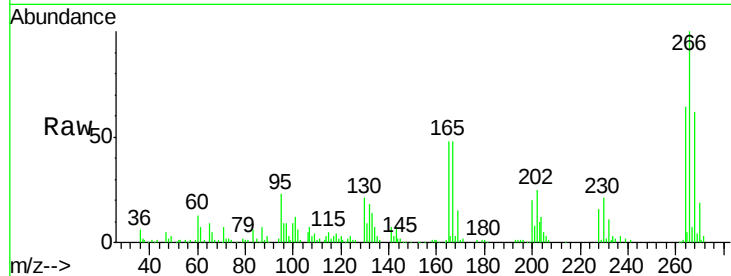




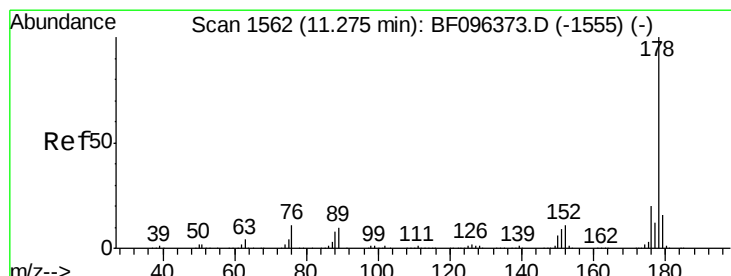
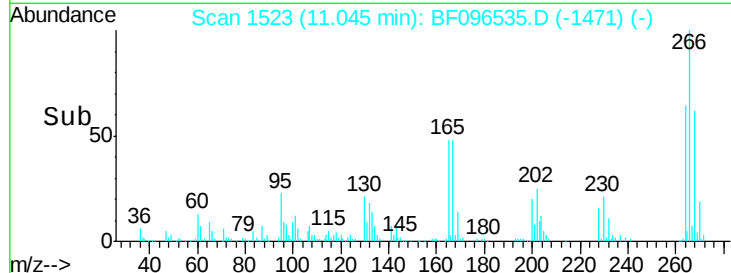
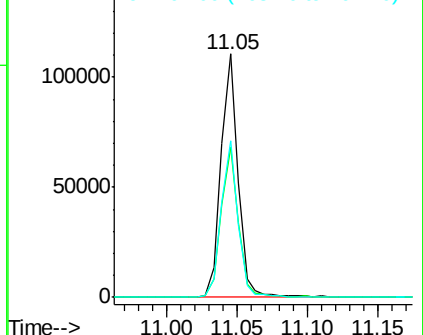
#69
 Pentachlorophenol
 Concen: 51.92 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 93627
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 64.1 51.7 77.5

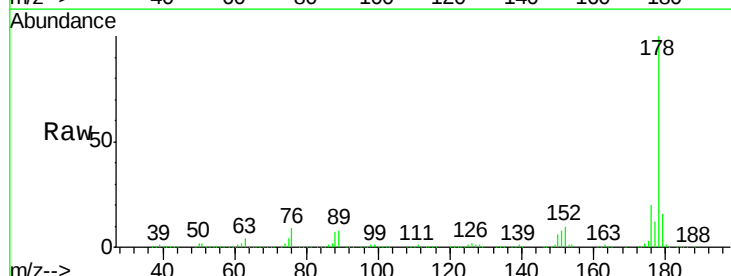


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

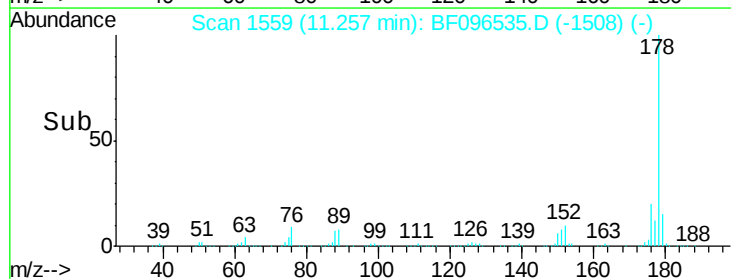
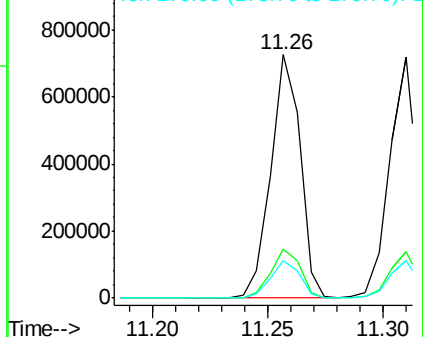


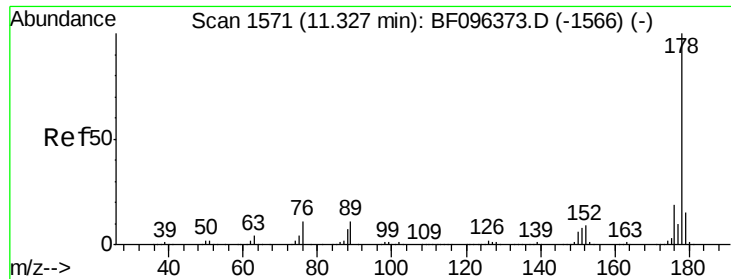
#70
 Phenanthrene
 Concen: 41.75 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion:178 Resp: 644383
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.6 12.6 19.0



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

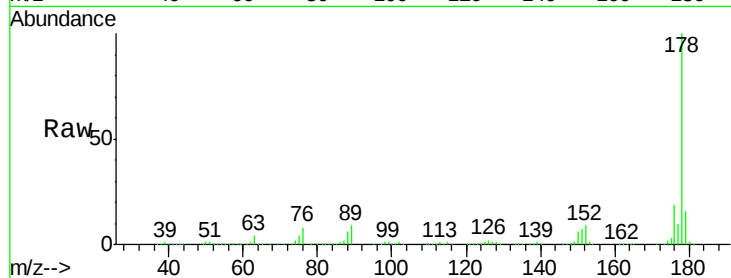




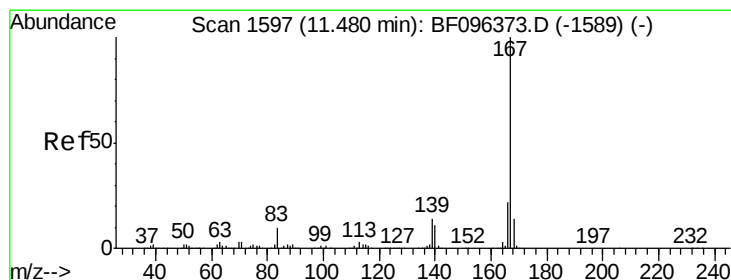
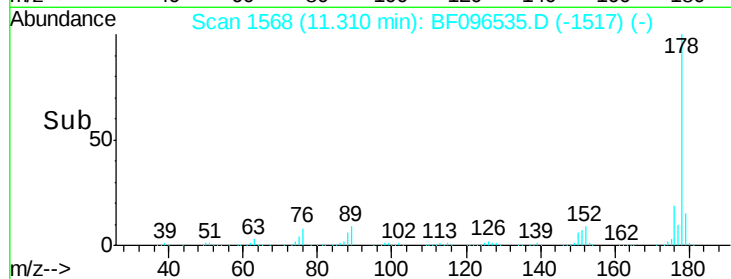
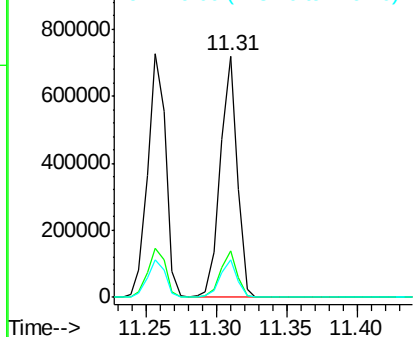
#71
 Anthracene
 Concen: 38.17 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 600348
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 12.7 19.1

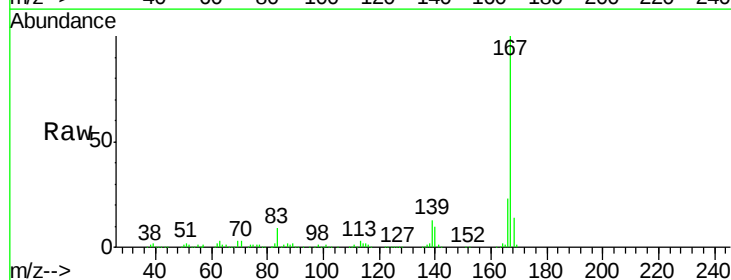


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

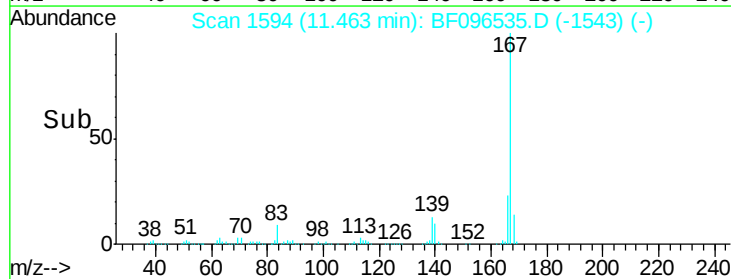
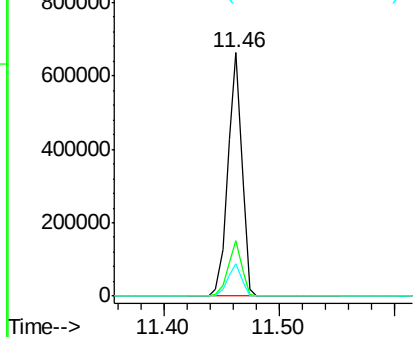


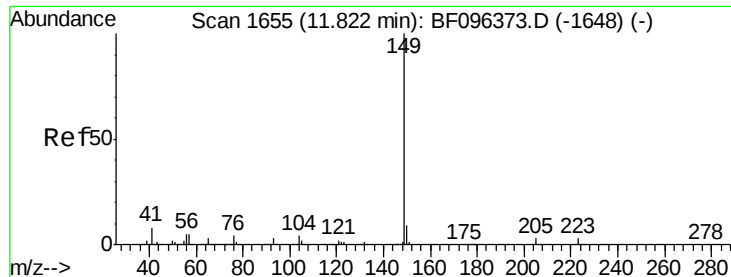
#72
 Carbazole
 Concen: 34.92 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion:167 Resp: 552347
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.3 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

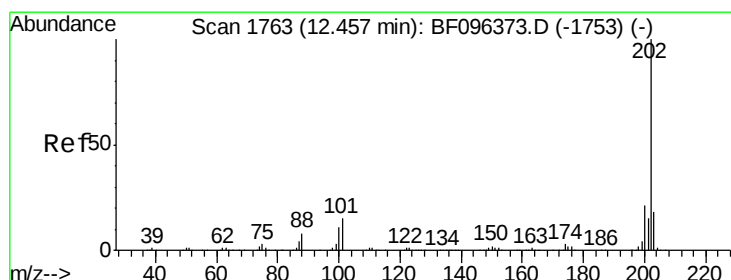
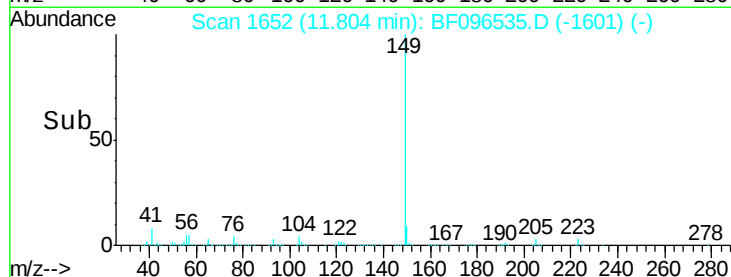
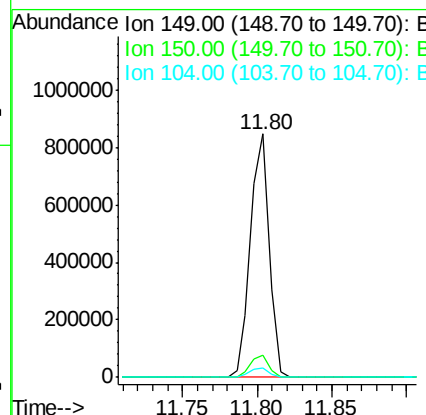
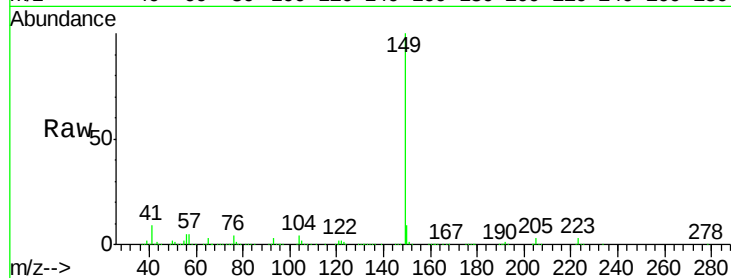




#73
Di-n-butylphthalate
Concen: 38.54 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

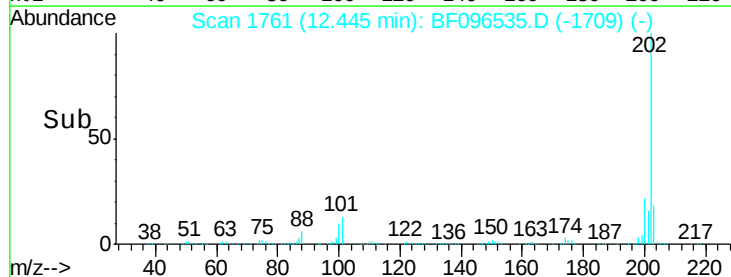
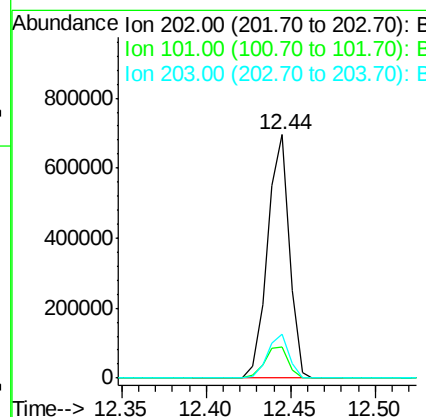
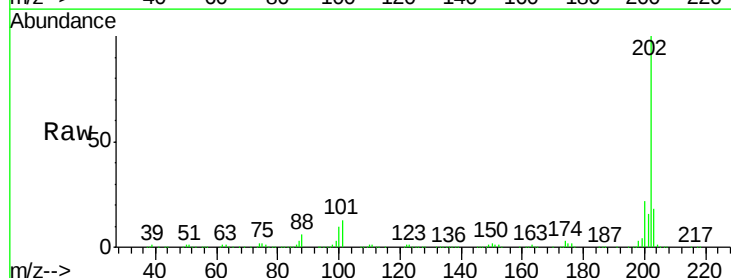
Instrument :
BNA_F
ClientSampled :

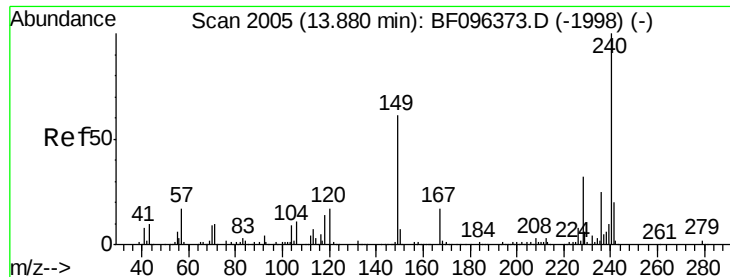
Tot Ion:149 Resp: 738293
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.0 4.0 6.0



#74
Fluoranthene
Concen: 41.20 ng
RT: 12.44 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion:202 Resp: 623524
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.2
203 18.0 0.0 38.1





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

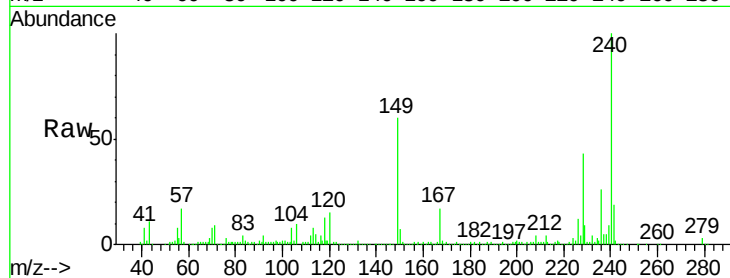
Tot Ion:240 Resp: 219665

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

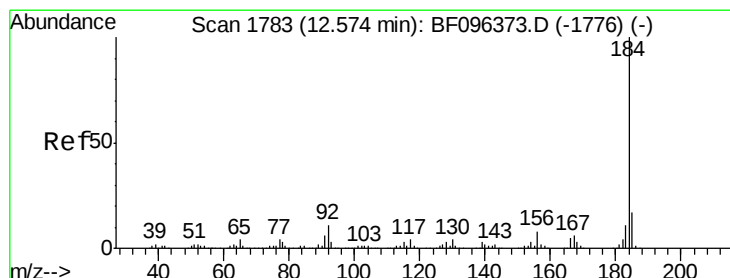
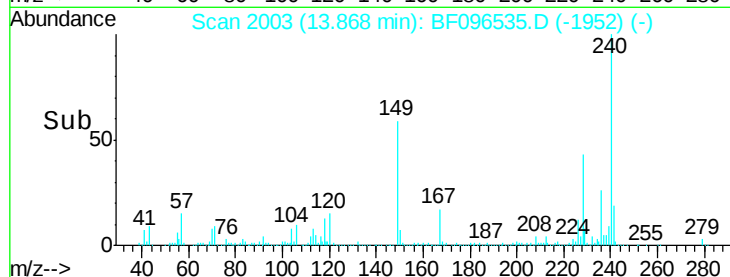
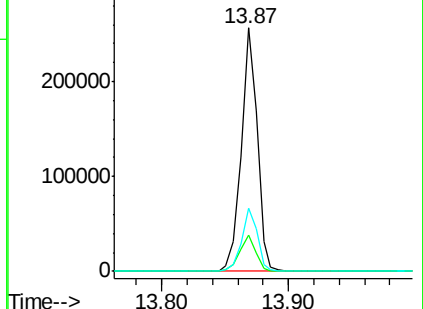
236 25.8 20.5 30.7



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: 35.12 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

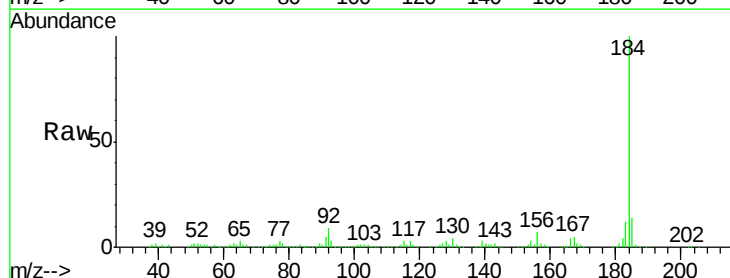
Tgt Ion:184 Resp: 370169

Ion Ratio Lower Upper

184 100

185 13.6 15.5 23.3#

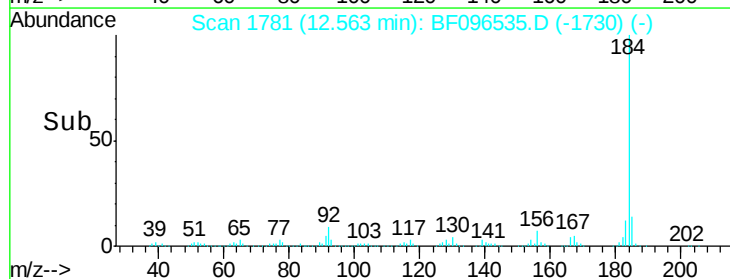
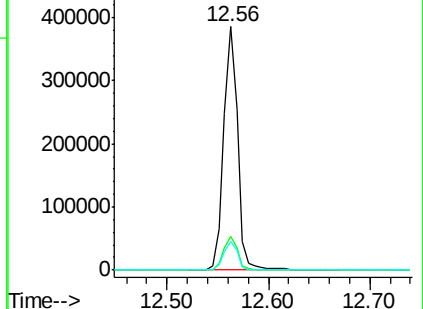
183 11.7 9.8 14.6

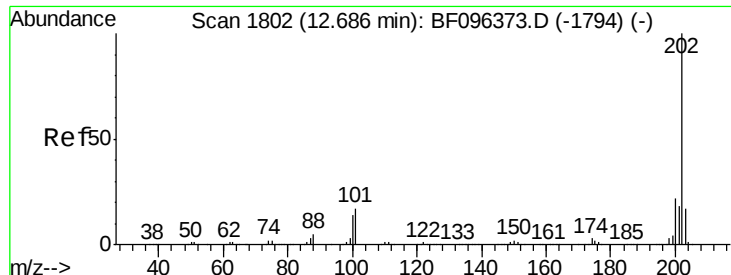


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.35 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

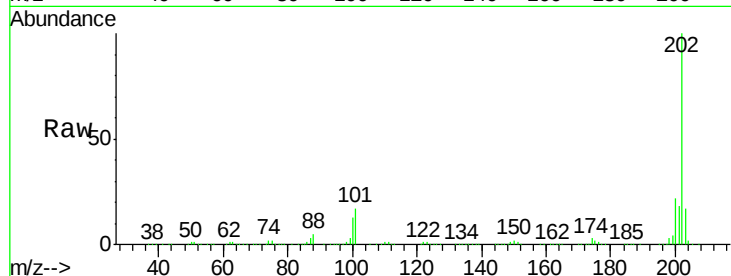
Tot Ion:202 Resp: 640974

Ion Ratio Lower Upper

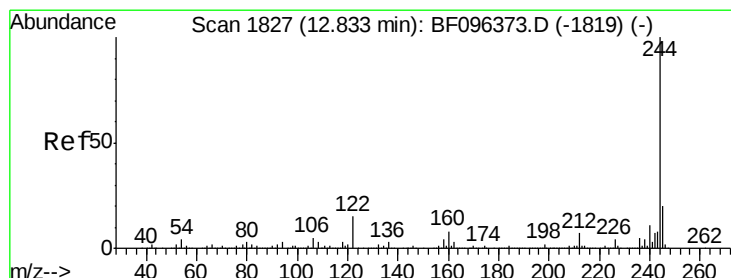
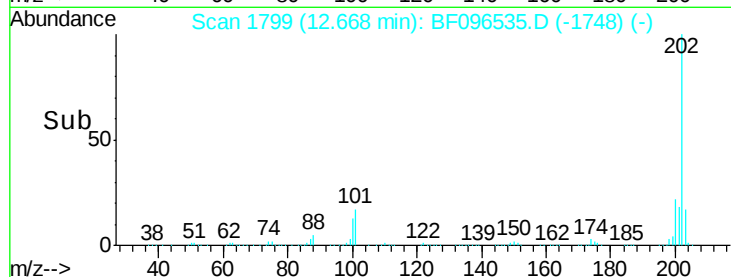
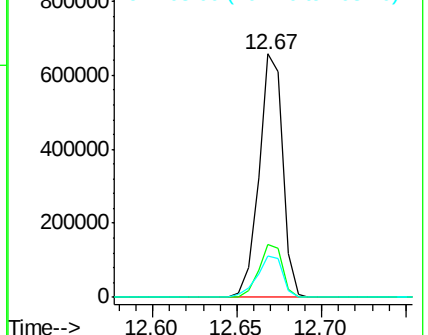
202 100

200 21.5 17.6 26.4

203 17.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 52.04 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

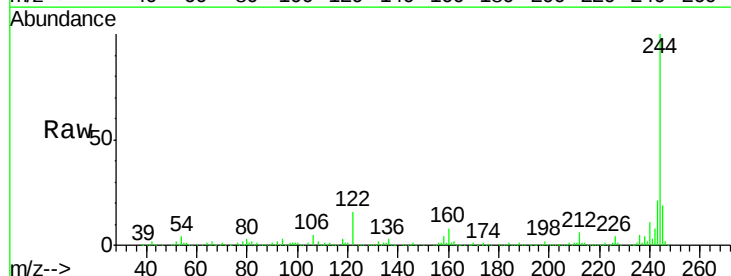
Tgt Ion:244 Resp: 534949

Ion Ratio Lower Upper

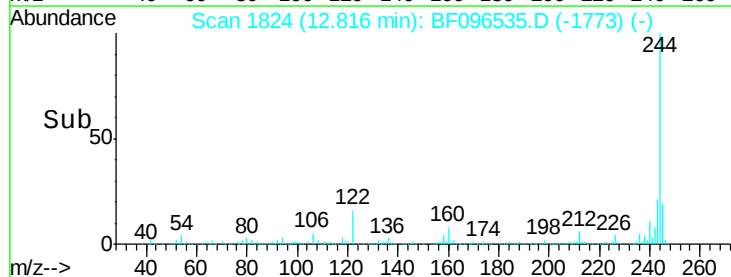
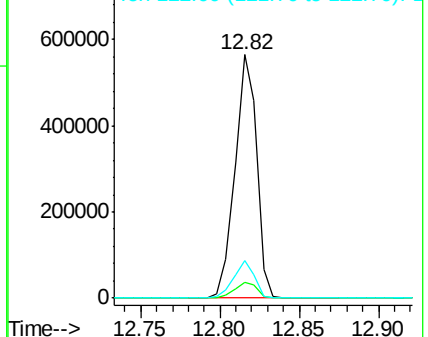
244 100

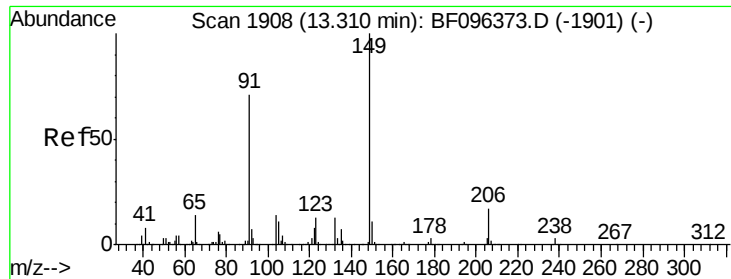
212 6.4 6.0 9.0

122 15.7 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

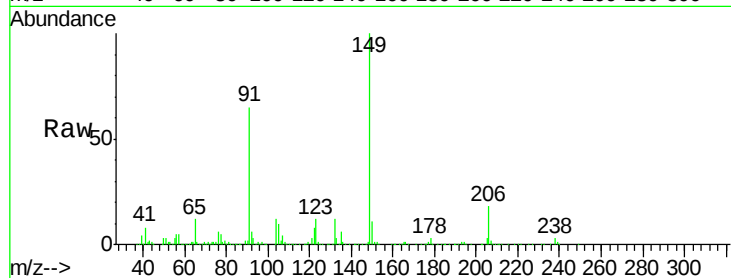




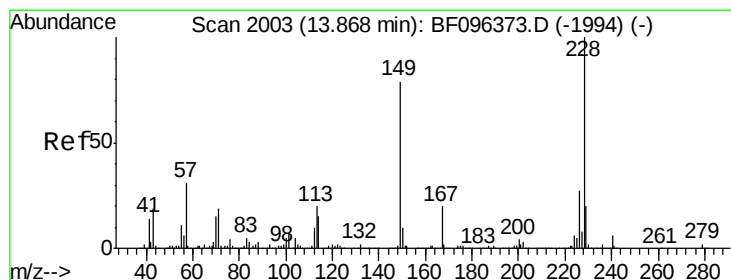
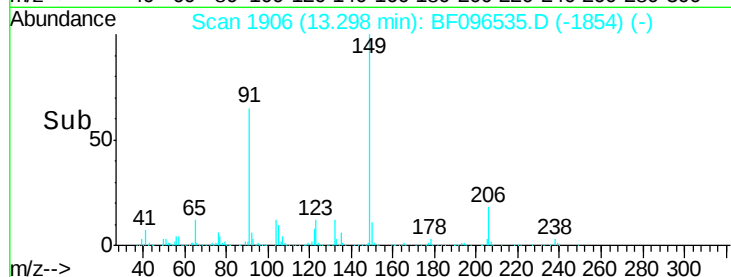
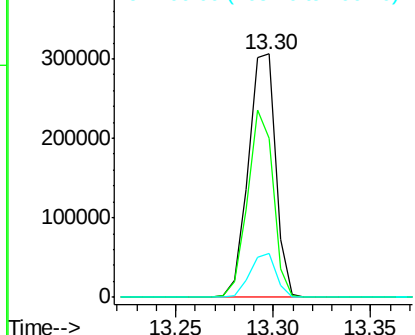
#79
Butylbenzylphthalate
Concen: 33.47 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.3	45.0	67.4
206	18.3	17.0	25.6

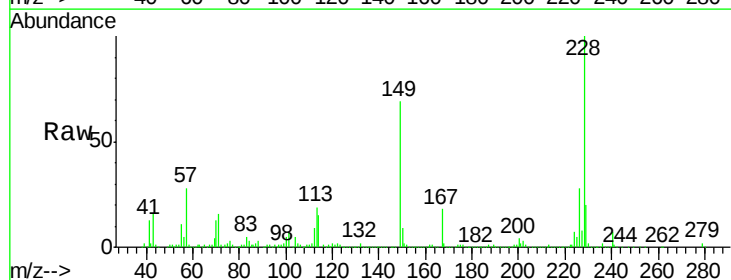


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BFO
Ion 206.00 (205.70 to 206.70): E

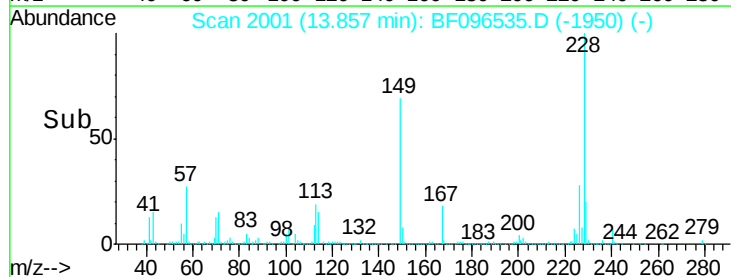
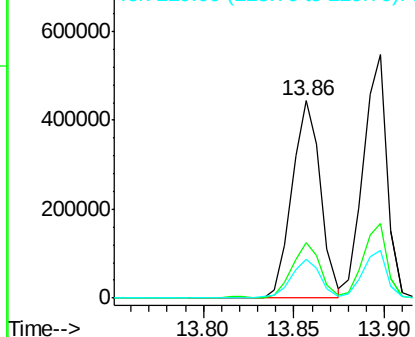


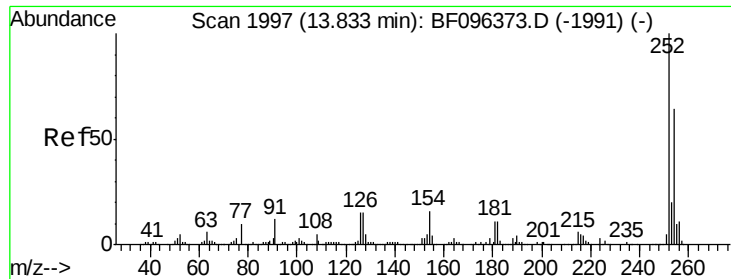
#80
Benzo(a)anthracene
Concen: 38.37 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF096535.D
Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.9	16.3	24.5



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

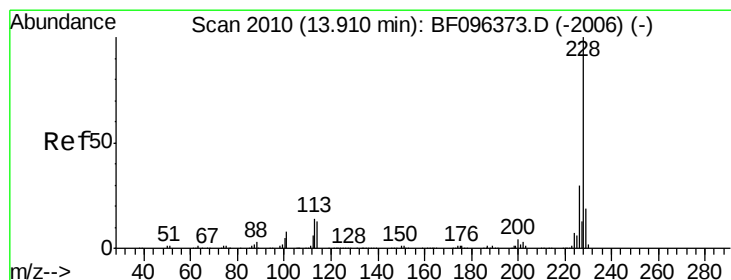
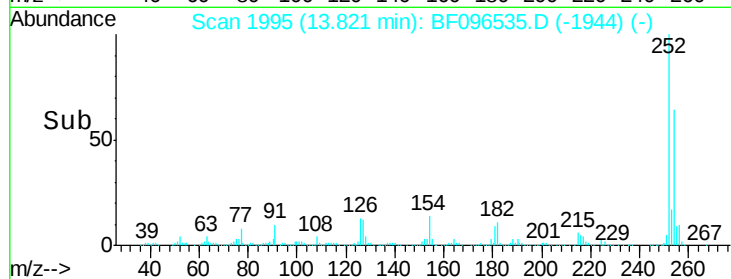
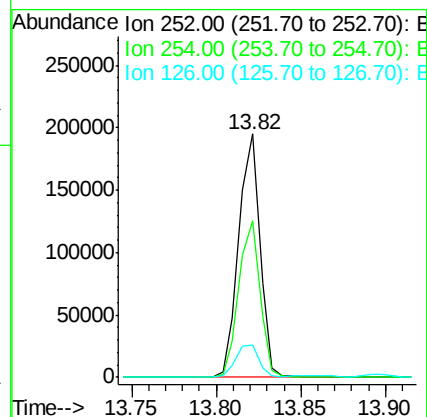
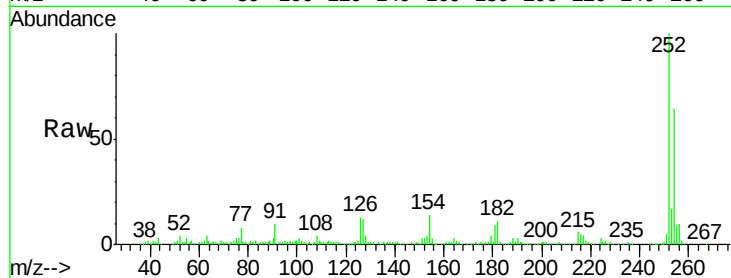




#81
 3,3'-Dichlorobenzidine
 Concen: 32.80 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

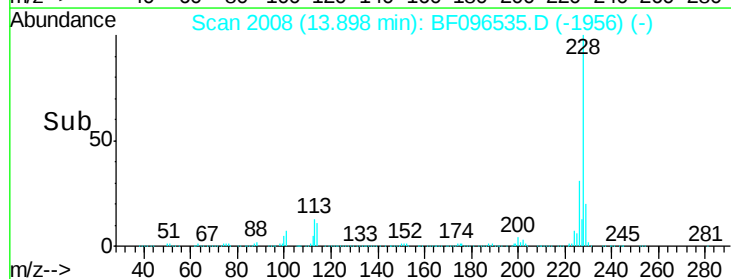
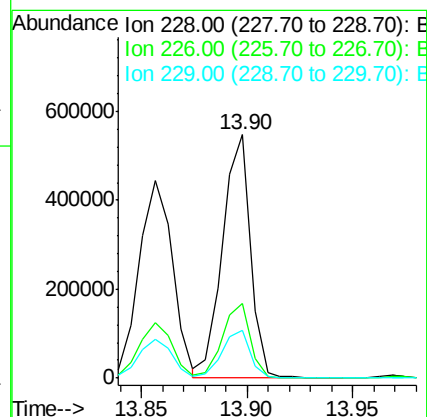
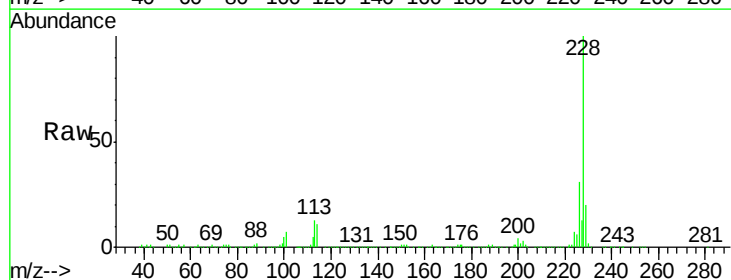
Instrument :
 BNA_F
 ClientSampleId :

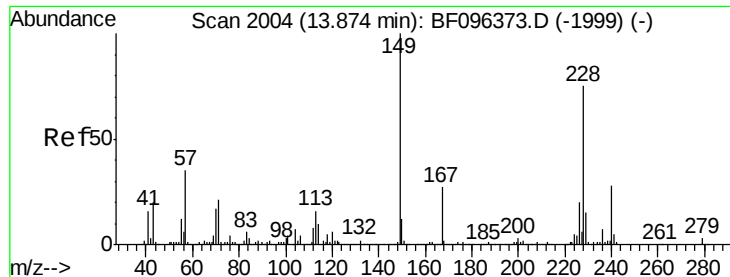
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	13.2	15.8	23.8#



#82
 Chrysene
 Concen: 37.48 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.7	15.8	23.6

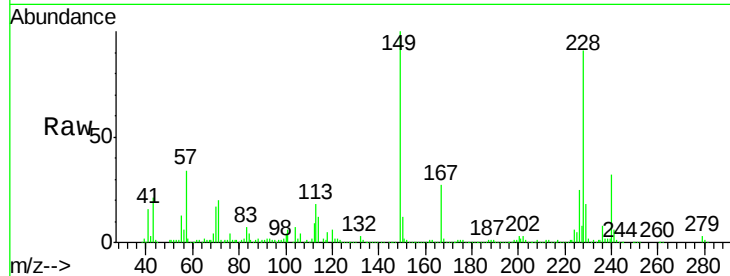




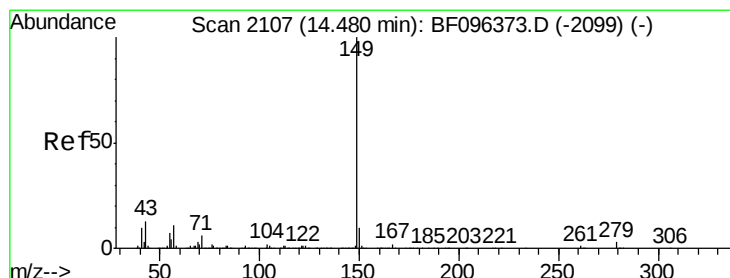
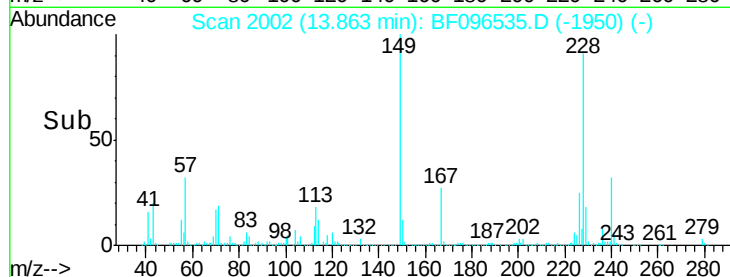
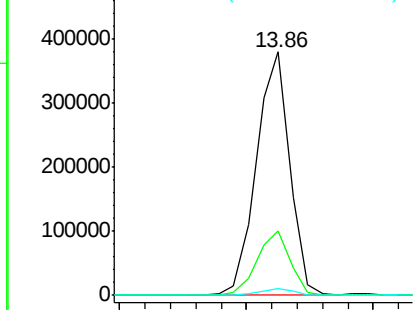
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.78 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 346547
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 2.9 1.9 2.9

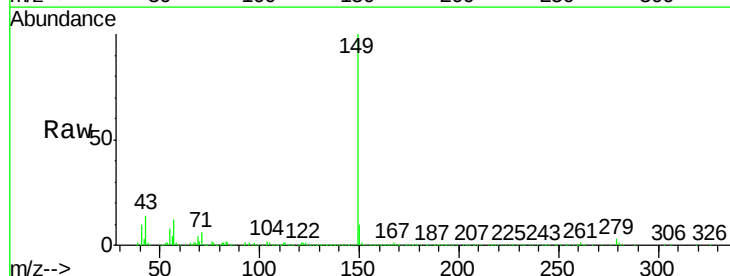


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

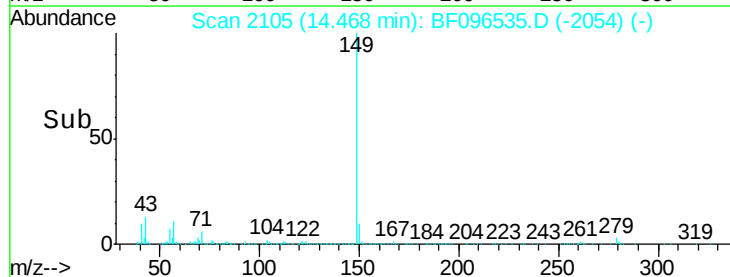
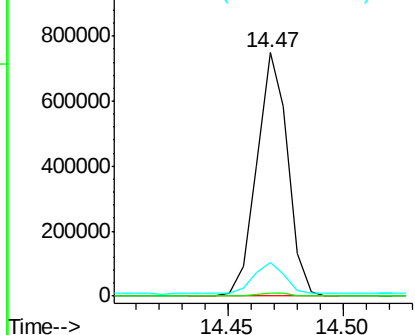


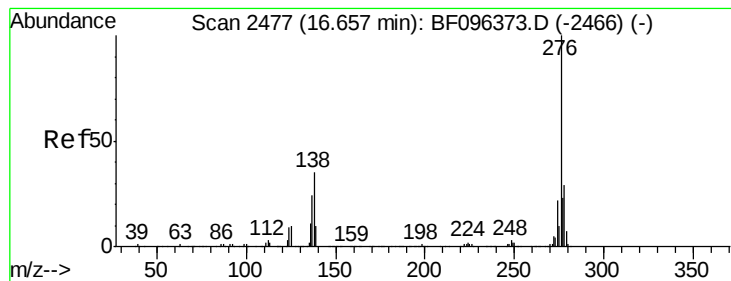
#84
 Di-n-octyl phthalate
 Concen: 35.51 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Tgt Ion:149 Resp: 696733
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.4 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: 39.68 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

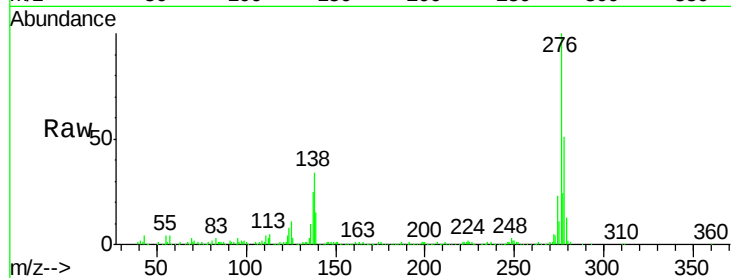
Tot Ion:276 Resp: 417244

Ion Ratio Lower Upper

276 100

138 36.2 27.8 41.6

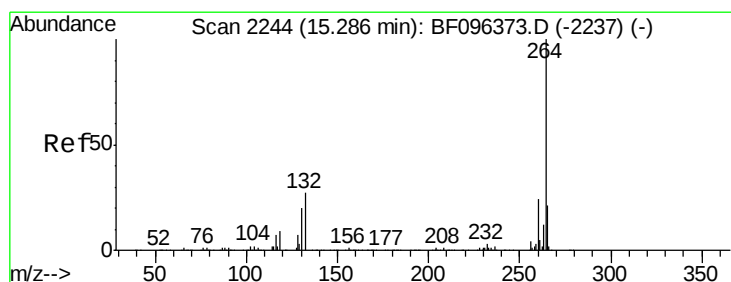
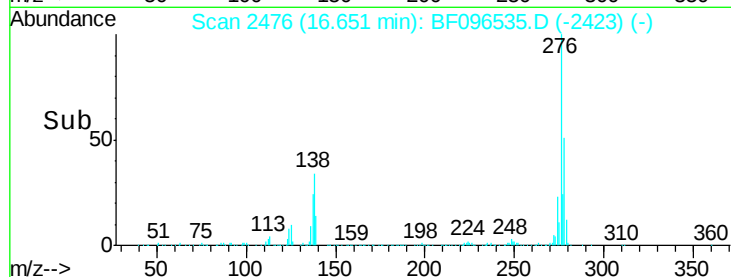
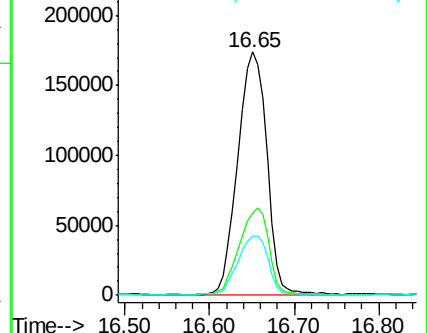
277 25.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

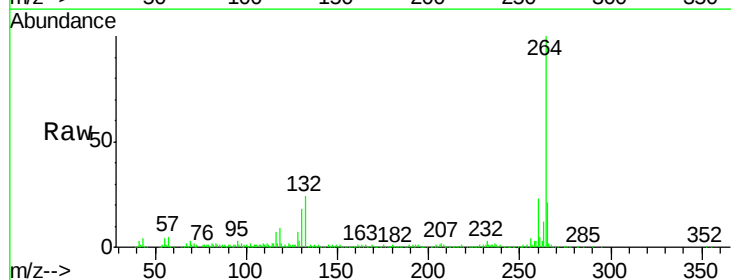
Tgt Ion:264 Resp: 207012

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

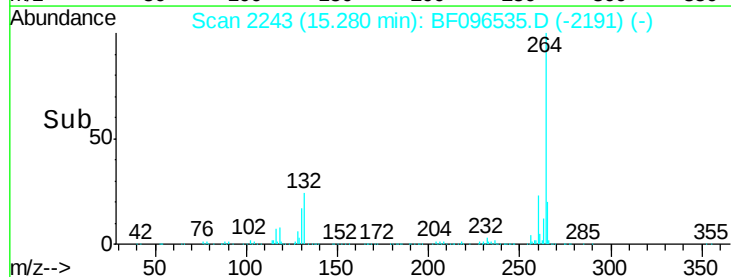
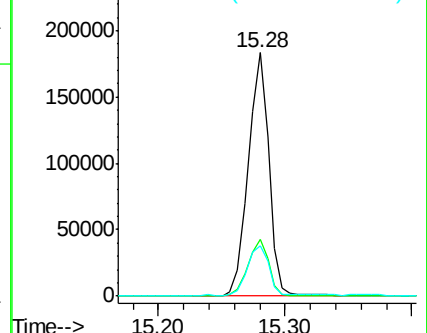
265 20.6 17.2 25.8

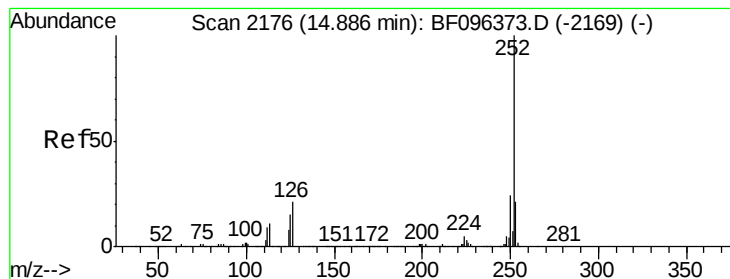


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.61 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.04 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

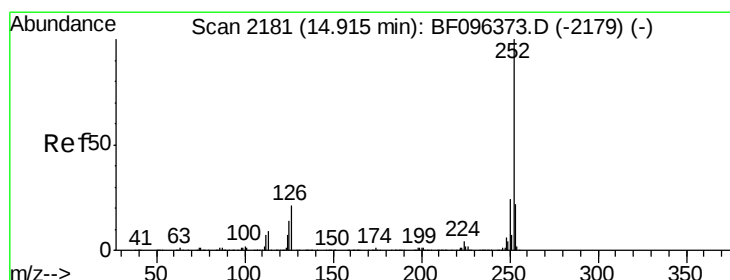
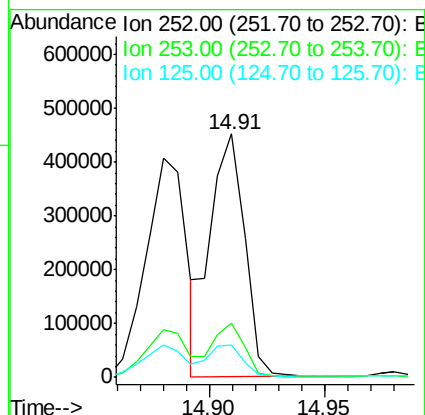
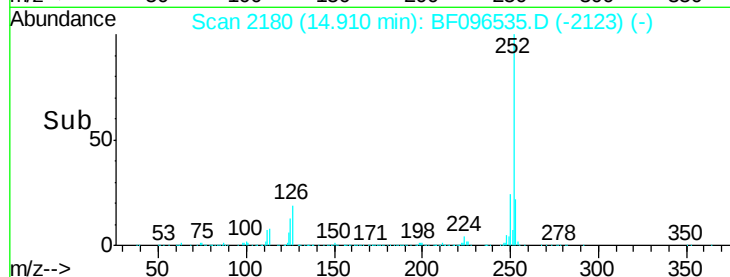
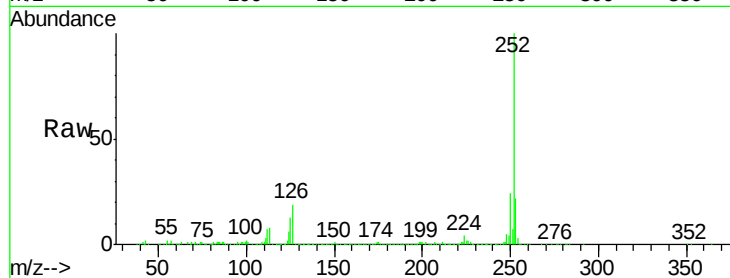
Tot Ion:252 Resp: 461944

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 13.4 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 39.81 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

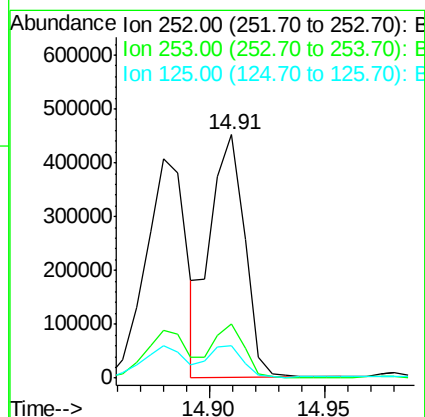
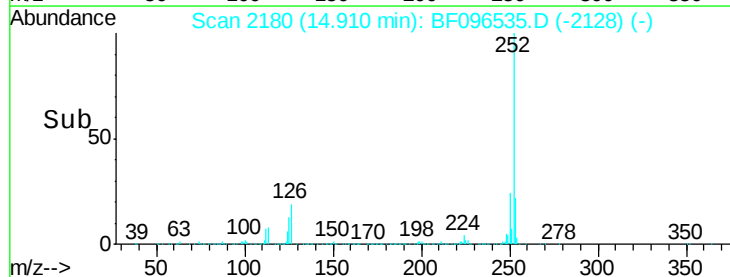
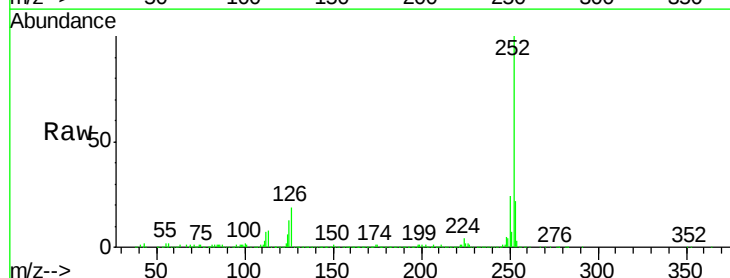
Tgt Ion:252 Resp: 461944

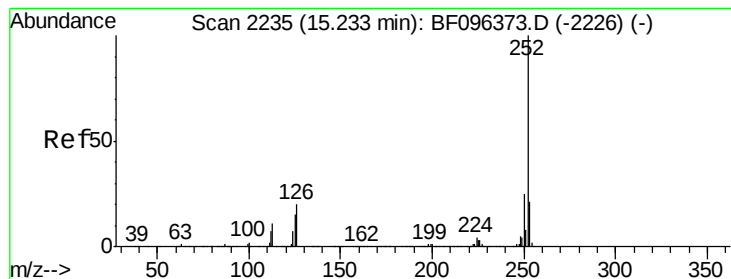
Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

125 13.4 13.1 19.7





#89

Benzo(a)pyrene

Concen: 41.08 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

Instrument :

BNA_F

ClientSampleId :

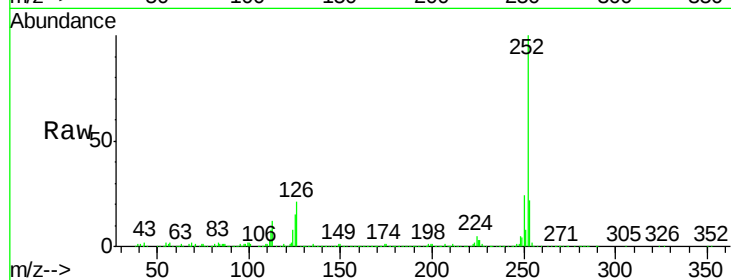
Tot Ion:252 Resp: 475713

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

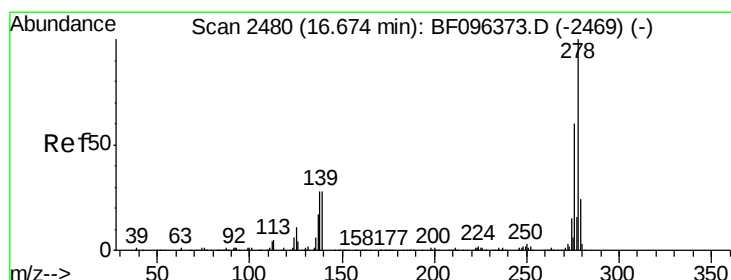
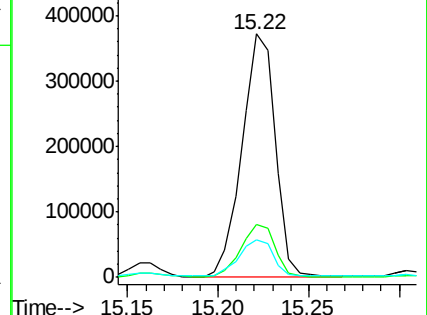
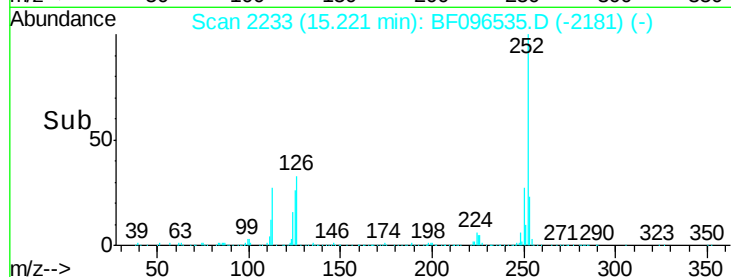
125 15.2 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.15 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.01 min

Lab File: BF096535.D

Acq: 6 Jul 2017 16:08

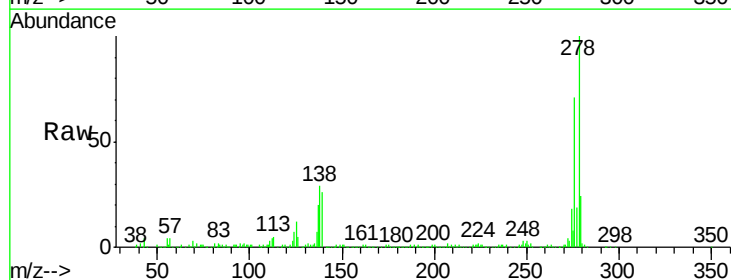
Tgt Ion:278 Resp: 338427

Ion Ratio Lower Upper

278 100

139 25.5 16.6 24.8#

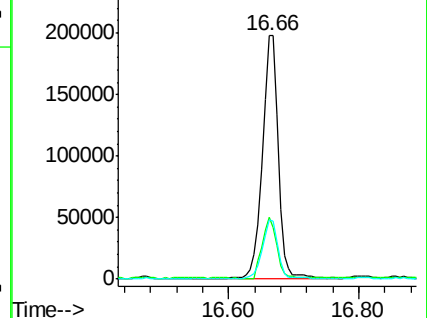
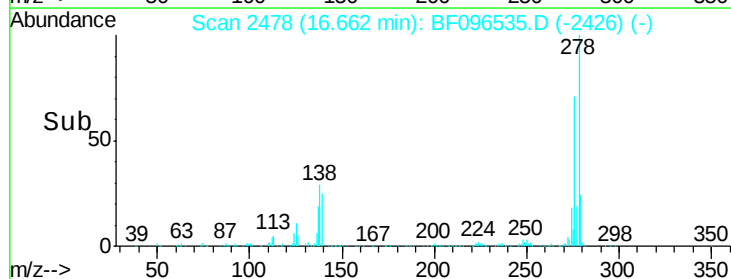
279 24.2 19.3 28.9

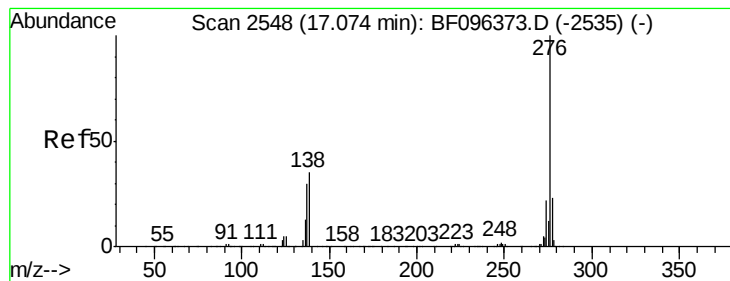


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

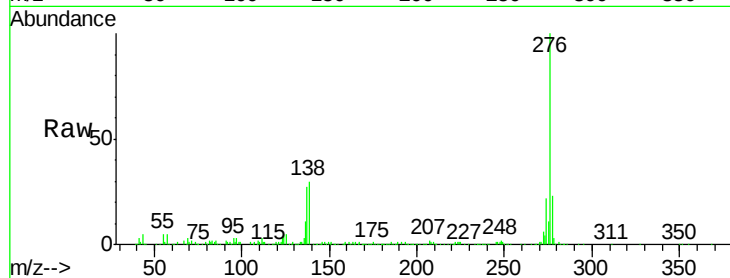




#91
 Benzo(a,h,i)perylene
 Concen: 33.56 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. 0.01 min
 Lab File: BF096535.D
 Acq: 6 Jul 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	29.6	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

