

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096773.D
 Acq On : 14 Jul 2017 14:03
 Operator : SJ/JU
 Sample : I4172-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 16:35:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	106120	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	435687	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	181905	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	258469	20.00	ng	0.00
75) Chrysene-d12	13.77	240	175407	20.00	ng	0.00
86) Perylene-d12	15.16	264	179987	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	868305	123.03	ng	0.02
7) Phenol-d6	6.29	99	1115119	131.66	ng	0.00
23) Nitrobenzene-d5	7.20	82	624654	88.81	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	143237	92.25	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	985339	85.58	ng	0.00
78) Terphenyl-d14	12.73	244	563751	55.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	426	0.117	ng	# 63
4) n-Nitrosodimethylamine	2.92	42	114	0.027	ng	# 1
6) Aniline	6.29	93	151	0.014	ng	# 1
8) 2-Chlorophenol	6.40	128	400	0.053	ng	# 1
9) Benzaldehyde	6.29	77	1376	0.281	ng	# 1
10) Phenol	6.29	94	9993	1.044	ng	# 36
11) bis(2-Chloroethyl)ether	6.41	93	1347	0.187	ng	# 1
12) 1,3-Dichlorobenzene	6.81	146	2650	0.327	ng	# 91
13) 1,4-Dichlorobenzene	6.81	146	2650	0.323	ng	# 94
14) 1,2-Dichlorobenzene	6.81	146	2650	0.355	ng	# 91
15) Benzyl Alcohol	6.79	79	9900	1.785	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	6.92	45	134	0.009	ng	# 70
19) n-Nitroso-di-n-propylamine	7.20	70	83790	16.421	ng	# 87
24) Nitrobenzene	7.20	77	1627	0.224	ng	# 27
25) Isophorone	7.20	82	620019	47.384	ng	# 67
31) Naphthalene	7.94	128	1063	0.052	ng	# 68
37) 2-Methylnaphthalene	8.63	142	386	0.029	ng	# 15
45) 1,1'-Biphenyl	9.09	154	1834	0.118	ng	# 85
46) 2-Chloronaphthalene	9.39	162	1105	0.096	ng	# 1
47) 2-Nitroaniline	9.39	65	2204	0.558	ng	# 1
48) Acenaphthylene	9.52	152	640	0.035	ng	# 60
49) Dimethylphthalate	9.39	163	187985	13.725	ng	# 98
50) 2,6-Dinitrotoluene	9.39	165	1729	0.583	ng	# 1
51) Acenaphthene	9.70	154	889	0.082	ng	# 86
54) Dibenzofuran	9.87	168	809	0.053	ng	# 84
55) 4-Nitrophenol	9.87	139	221	0.086	ng	# 25
56) 2,4-Dinitrotoluene	9.66	165	23084	6.055	ng	# 33
57) Fluorene	10.21	166	999	0.089	ng	# 92
59) Diethylphthalate	10.09	149	587	0.044	ng	# 60
62) Azobenzene	10.45	77	923	0.078	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.45	198	216	0.133	ng	# 1
65) n-Nitrosodiphenylamine	10.45	169	4936	0.534	ng	# 43
66) 4-Bromophenyl-phenylether	10.45	248	9571	3.627	ng	# 1
69) Pentachlorophenol	10.96	266	288	0.203	ng	# 18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

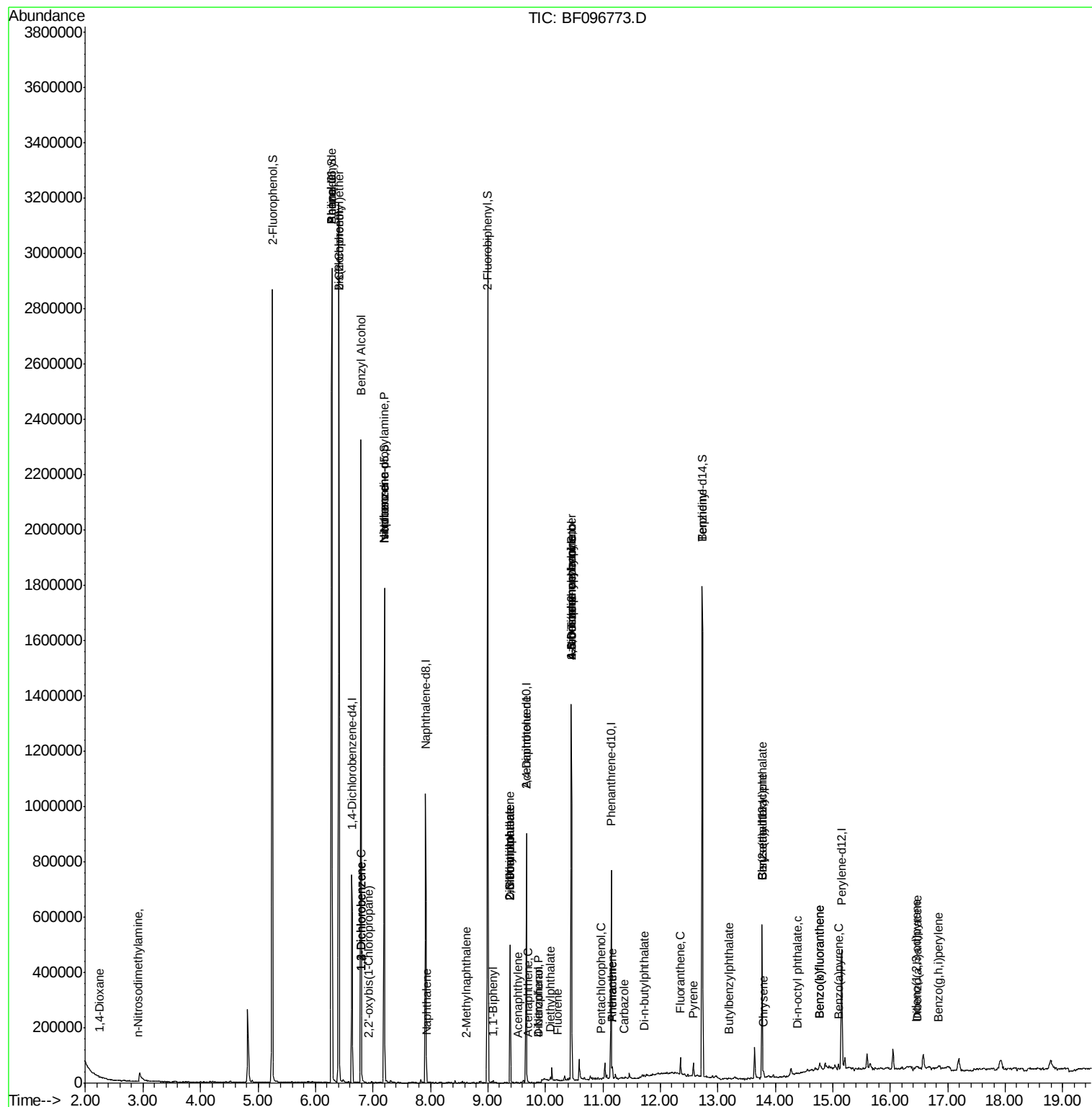
70) Phenanthrene	11.17	178	16145	1.149	nq	99
71) Anthracene	11.17	178	16145	1.136	nq	98
72) Carbazole	11.37	167	1142	0.083	nq #	65
73) Di-n-butylphthalate	11.72	149	2635	0.154	nq #	78
74) Fluoranthene	12.35	202	18876	1.403	nq	98
76) Benzidine	12.73	184	6777	1.179	nq #	92
77) Pyrene	12.57	202	17029	1.070	nq	97
79) Butylbenzylphthalate	13.21	149	134	0.035	nq #	1
80) Benzo(a)anthracene	13.76	228	8406	0.769	nq	97
82) Chrysene	13.79	228	8150	0.757	nq	96
83) Bis(2-ethylhexyl)phthalate	13.77	149	1648	0.179	nq #	76
84) Di-n-octyl phthalate	14.39	149	1088	0.071	nq #	75
85) Indeno(1,2,3-cd)pyrene	16.46	276	6808	3.987	nq #	89
87) Benzo(b)fluoranthene	14.77	252	14577	1.343	nq #	92
88) Benzo(k)fluoranthene	14.77	252	14577	1.418	nq	96
89) Benzo(a)pyrene	15.10	252	7762	0.780	nq #	86
90) Dibenzo(a,h)anthracene	16.46	278	3044	0.332	nq #	60
91) Benzo(g,h,i)perylene	16.85	276	5790	0.590	nq #	87

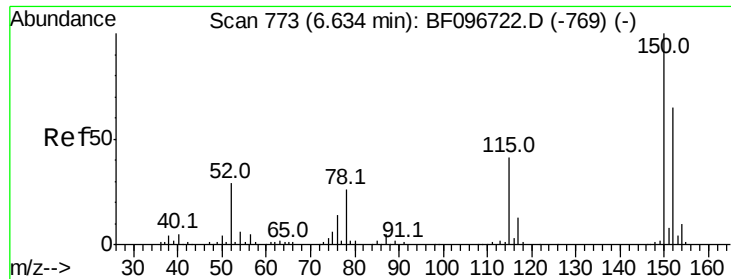
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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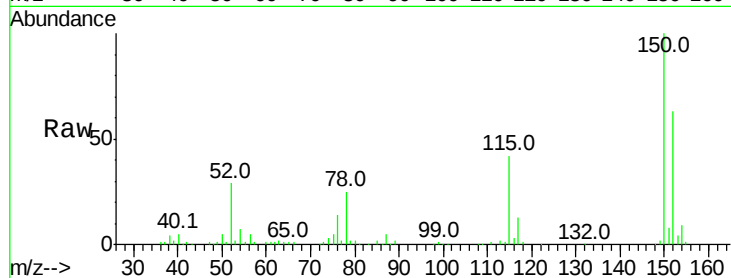


#1

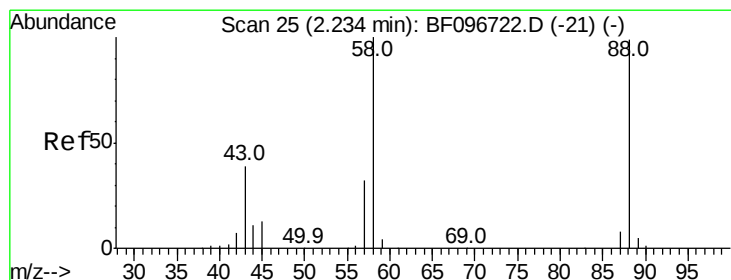
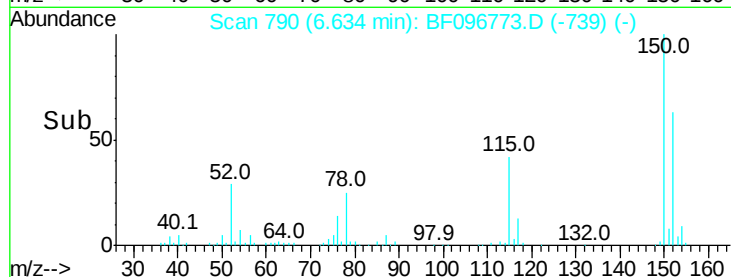
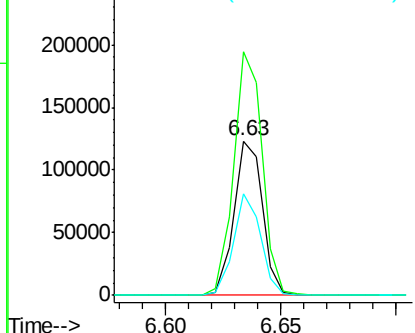
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106120
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 65.7 52.2 78.2



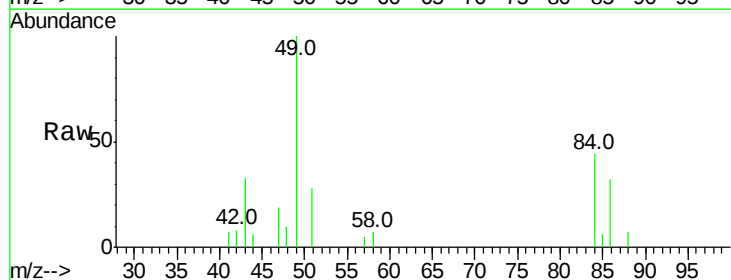
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



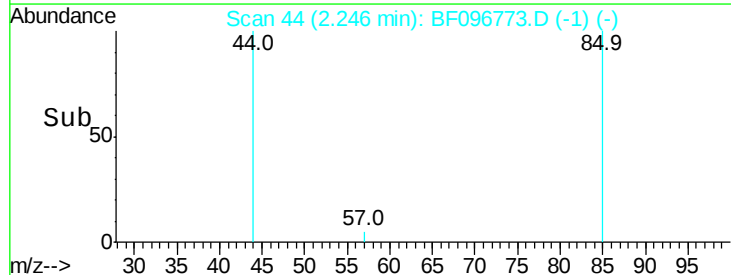
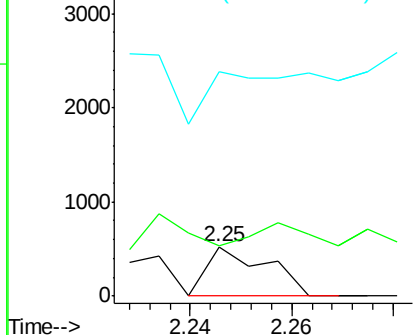
#2

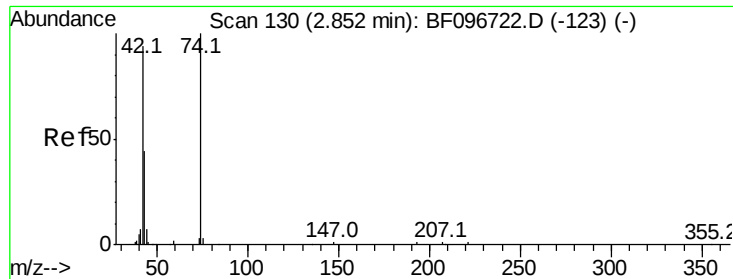
1,4-Dioxane
Concen: 0.117 ng
RT: 2.25 min Scan# 44
Delta R.T. 0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion: 88 Resp: 426
Ion Ratio Lower Upper
88 100
58 50.9 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



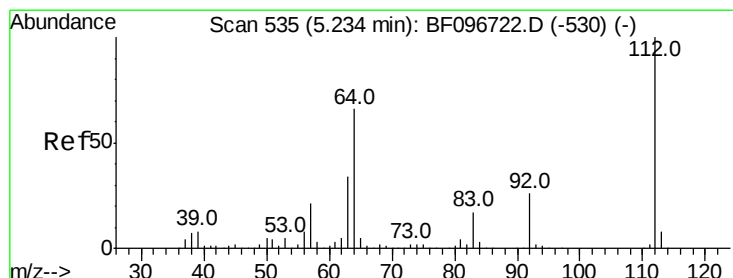
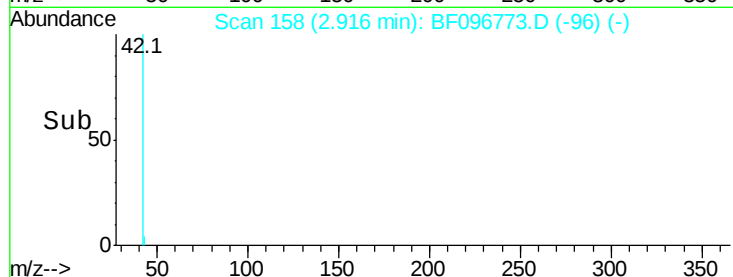
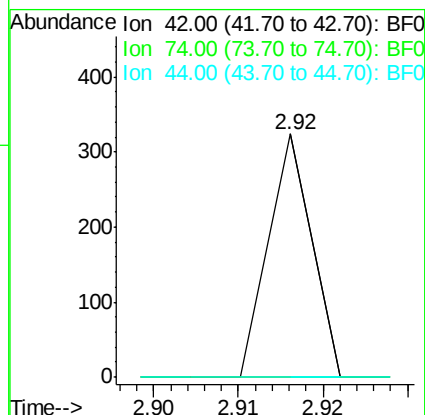
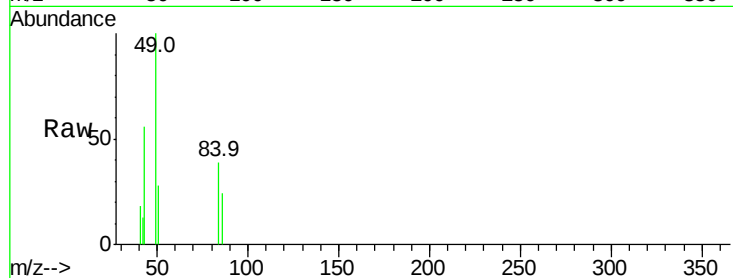


#4

n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 2.92 min Scan# 158
 Delta R.T. 0.06 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

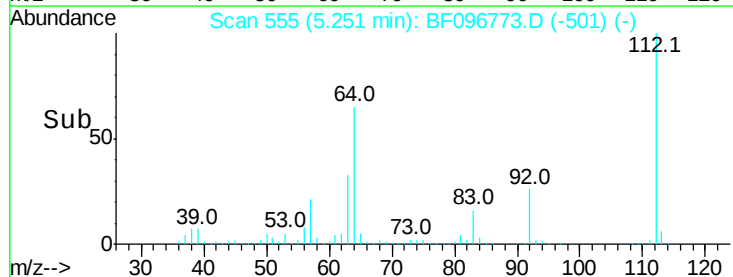
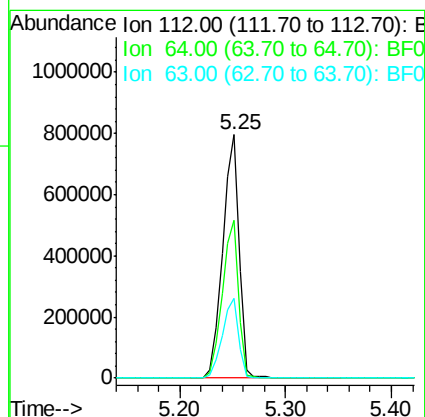
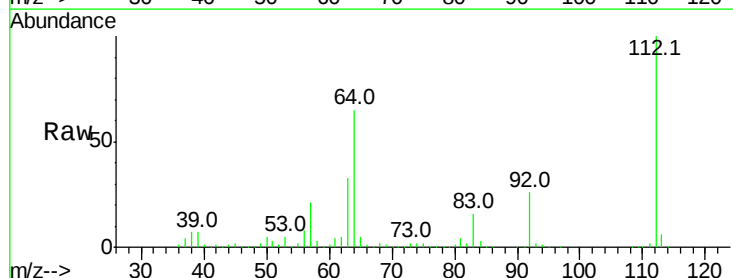
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.9	155.9#
44	0.0	5.7	8.5#

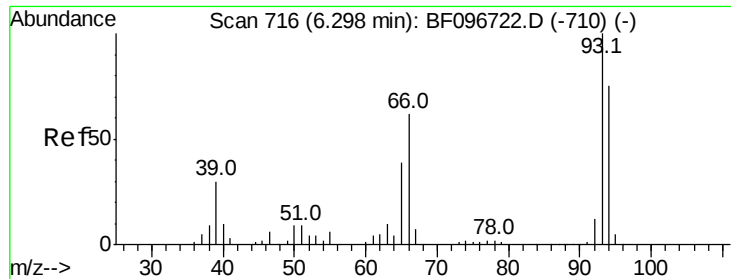


#5

2-Fluorophenol
 Concen: 123.028 ng
 RT: 5.25 min Scan# 555
 Delta R.T. 0.02 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	33.0	23.4	35.0





#6

Aniline

Concen: 0.014 ng

RT: 6.29 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

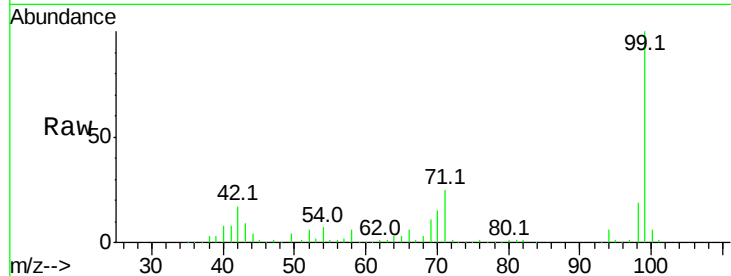
Tot Ion: 93 Resp: 151

Ion Ratio Lower Upper

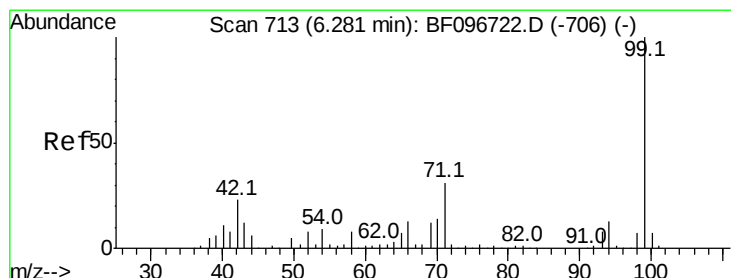
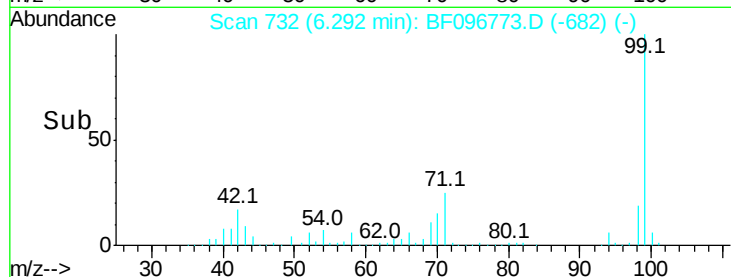
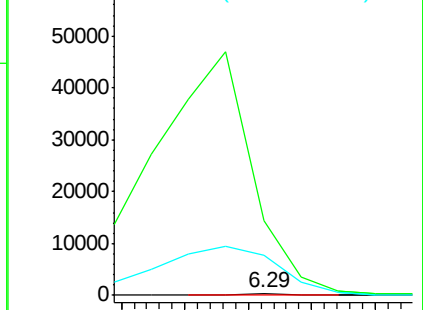
93 100

66 3369.1 32.9 49.3#

65 1818.5 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: 131.662 ng

RT: 6.29 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

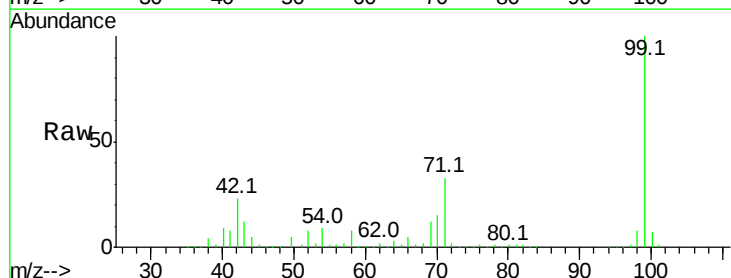
Tgt Ion: 99 Resp: 1115119

Ion Ratio Lower Upper

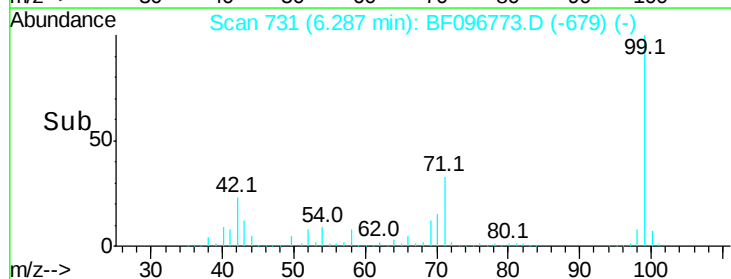
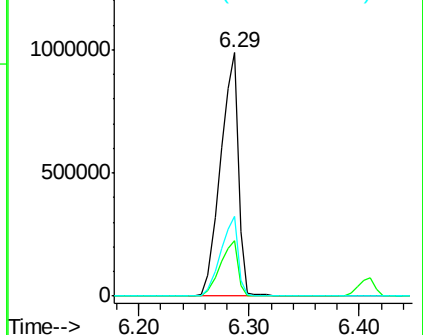
99 100

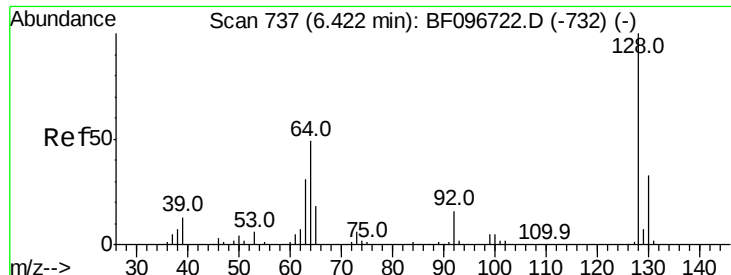
42 22.8 13.5 20.3#

71 32.7 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: 0.053 ng

RT: 6.40 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

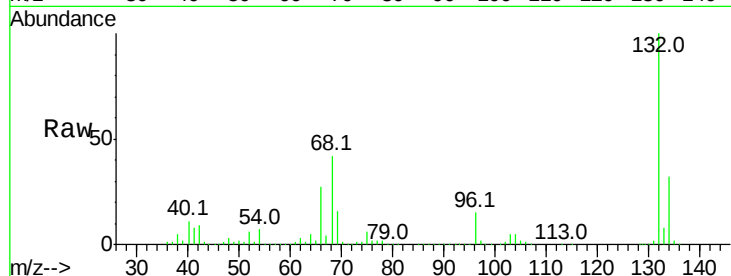
Tot Ion:128 Resp: 400

Ion Ratio Lower Upper

128 100

130 219.6 12.9 52.9#

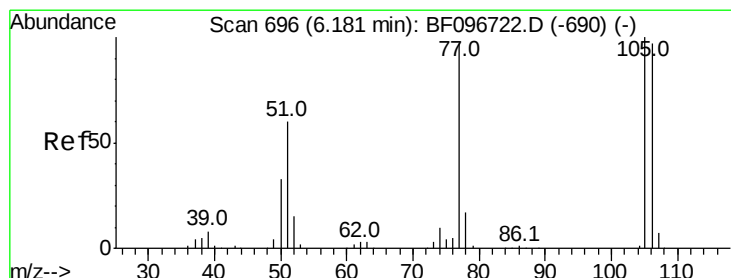
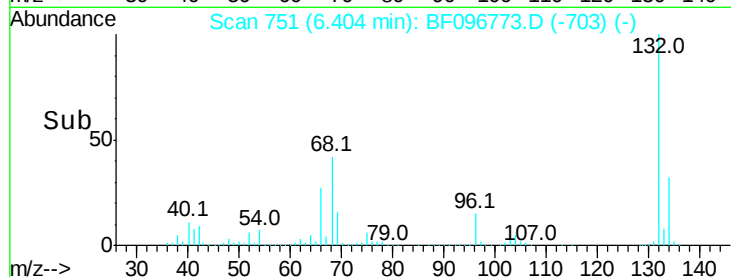
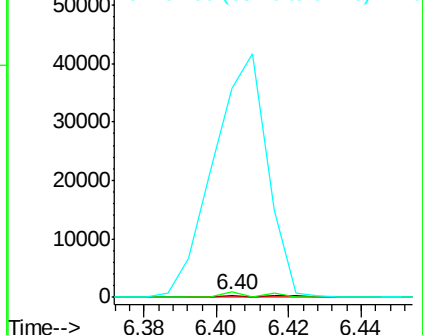
64 9349.3 28.4 68.4#



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: 0.281 ng

RT: 6.29 min Scan# 731

Delta R.T. 0.11 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

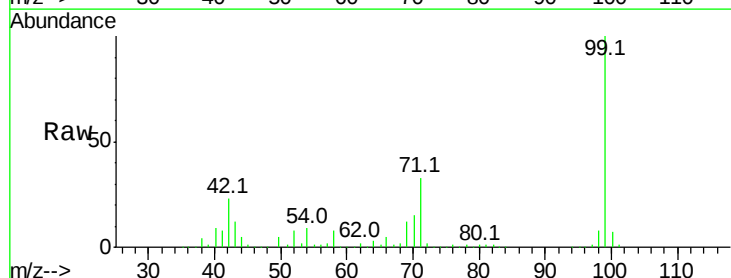
Tgt Ion: 77 Resp: 1376

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

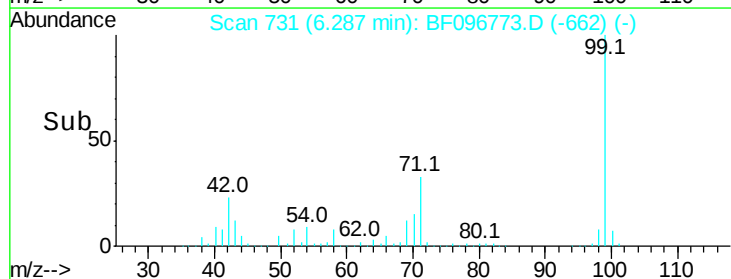
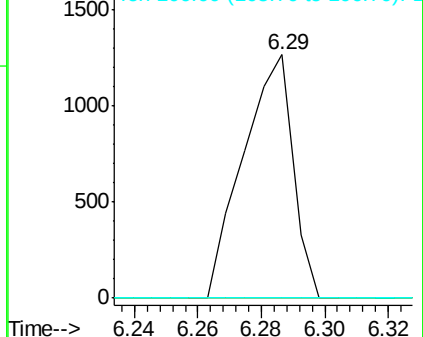
106 0.0 79.1 119.1#

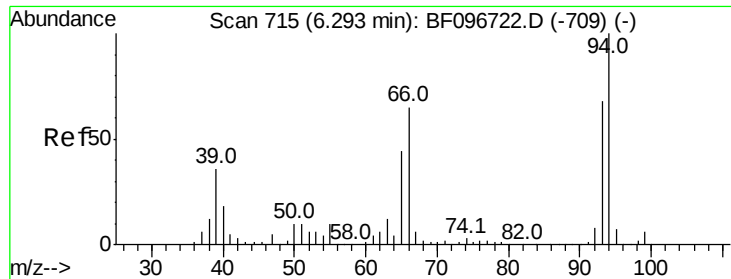


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.044 ng

RT: 6.29 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

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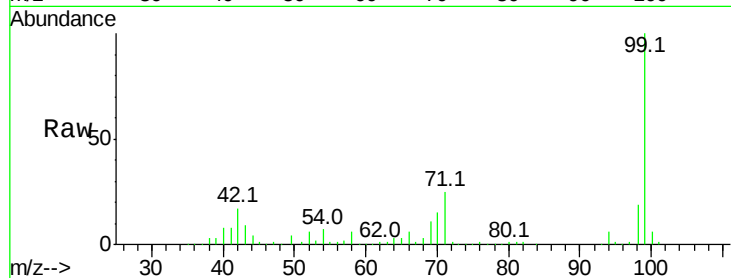
Tot Ion: 94 Resp: 9993

Ion Ratio Lower Upper

94 100

65 51.3 9.9 49.9#

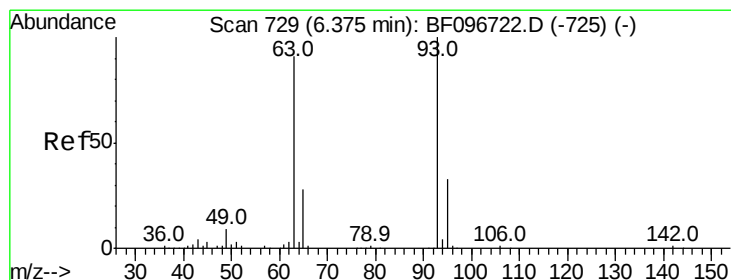
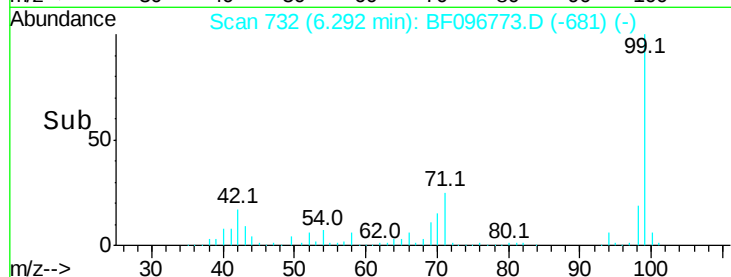
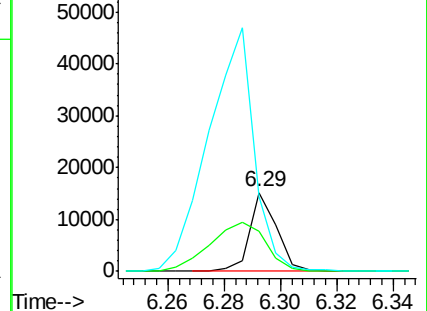
66 95.1 23.1 63.1#



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: 0.187 ng

RT: 6.41 min Scan# 752

Delta R.T. 0.04 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

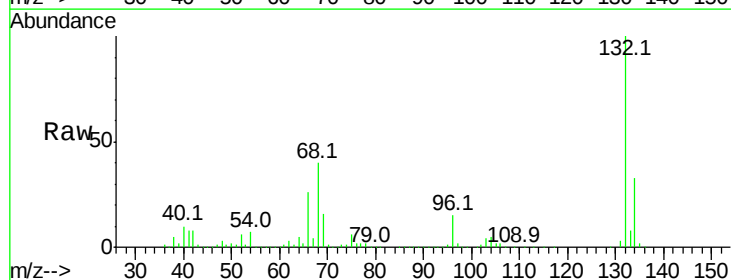
Tgt Ion: 93 Resp: 1347

Ion Ratio Lower Upper

93 100

63 764.4 59.2 99.2#

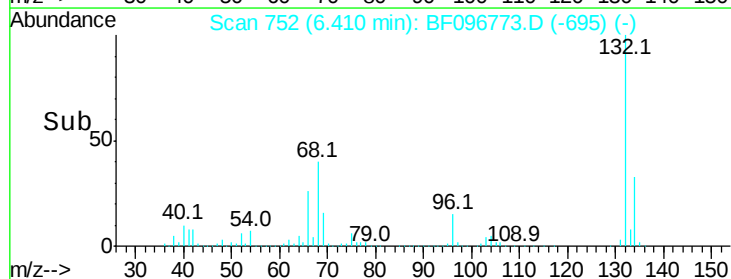
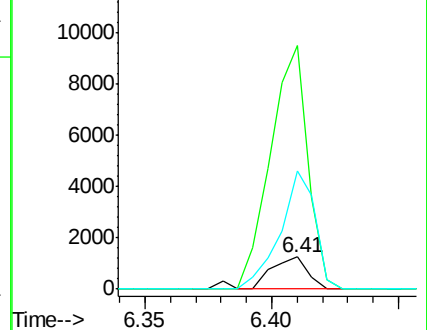
95 371.6 12.8 52.8#

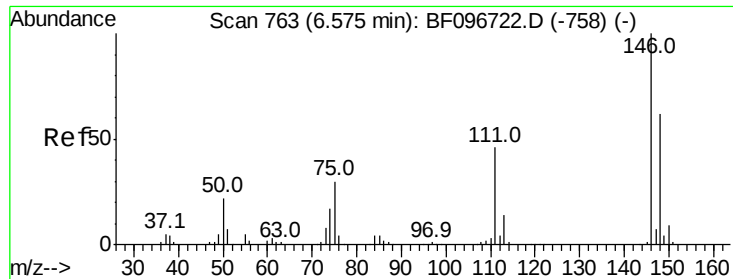


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 0.327 ng

RT: 6.81 min Scan# 820

Delta R.T. 0.24 min

Lab File: BF096773.D

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ClientSampleId :

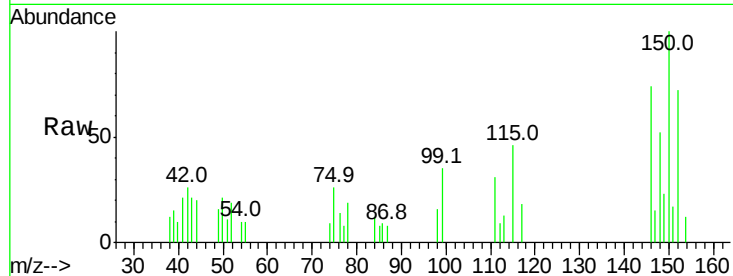
Tot Ion:146 Resp: 2650

Ion Ratio Lower Upper

146 100

148 70.4 51.8 77.6

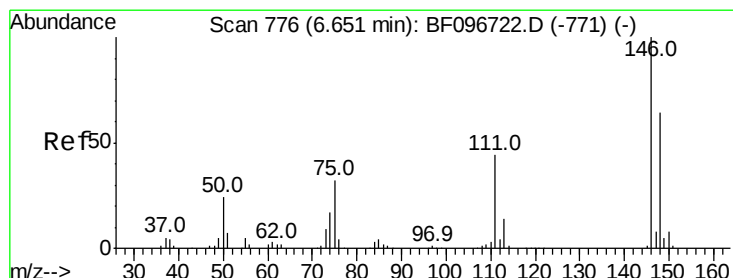
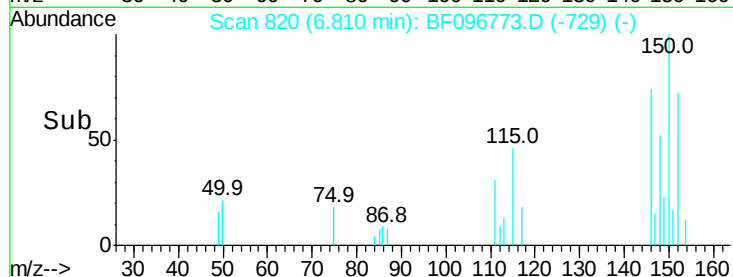
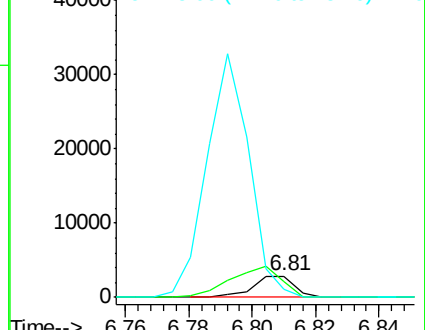
75 35.5 23.1 34.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.323 ng

RT: 6.81 min Scan# 820

Delta R.T. 0.16 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

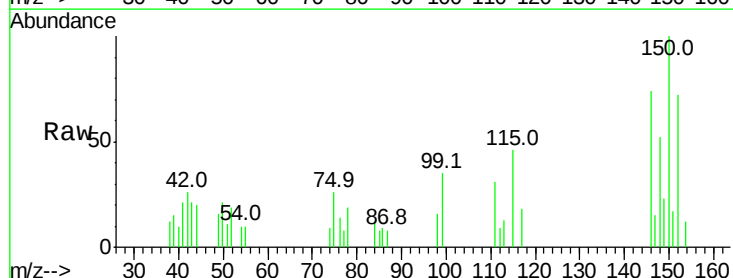
Tgt Ion:146 Resp: 2650

Ion Ratio Lower Upper

146 100

148 70.4 52.2 78.2

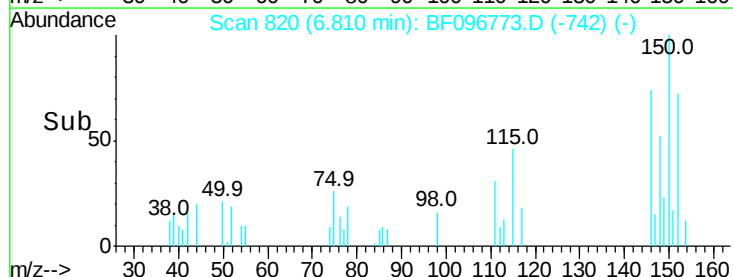
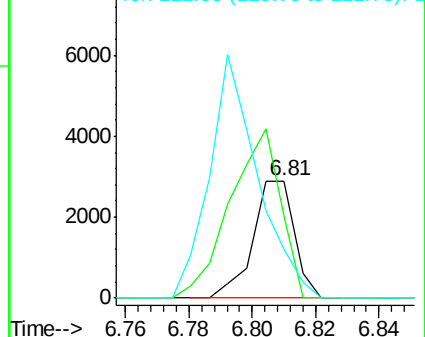
111 41.7 30.3 45.5

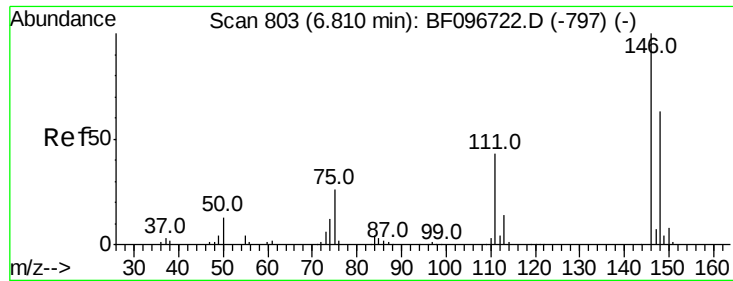


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.355 ng

RT: 6.81 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

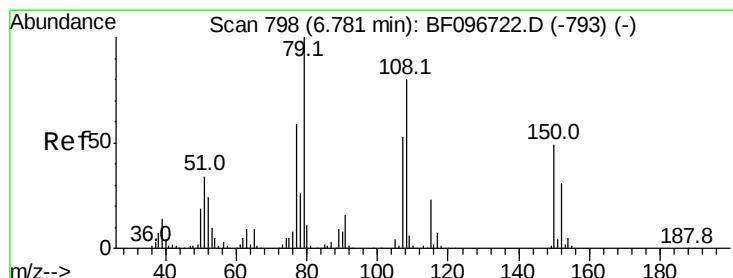
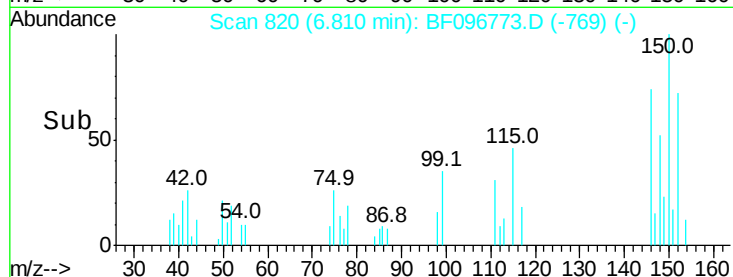
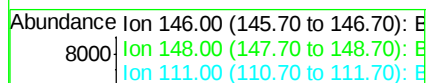
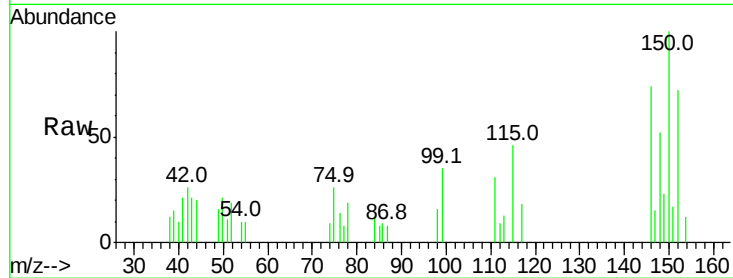
Tot Ion:146 Resp: 2650

Ion Ratio Lower Upper

146 100

148 70.4 50.4 75.6

111 41.7 38.2 57.4



#15

Benzyl Alcohol

Concen: 1.785 ng

RT: 6.79 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

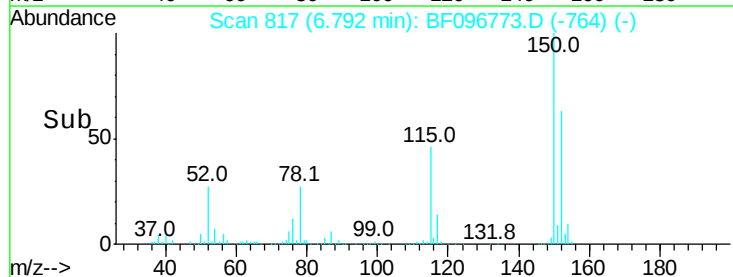
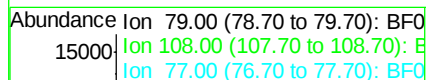
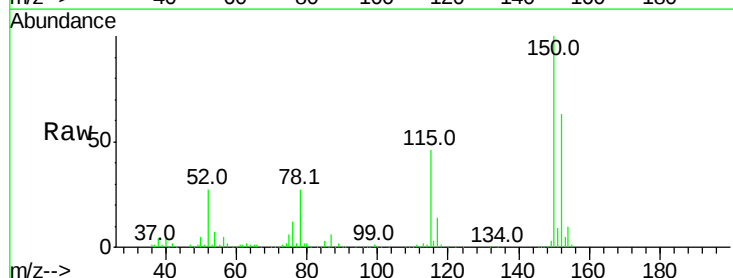
Tgt Ion: 79 Resp: 9900

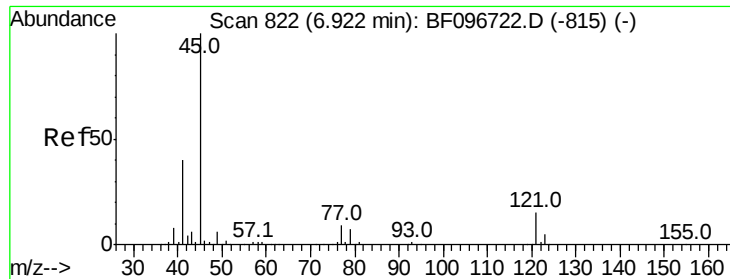
Ion Ratio Lower Upper

79 100

108 28.3 63.4 95.0#

77 112.4 49.2 73.8#

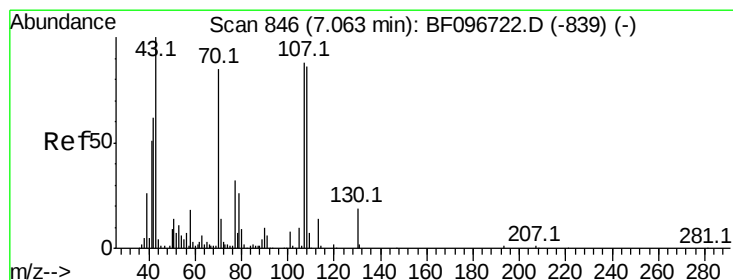
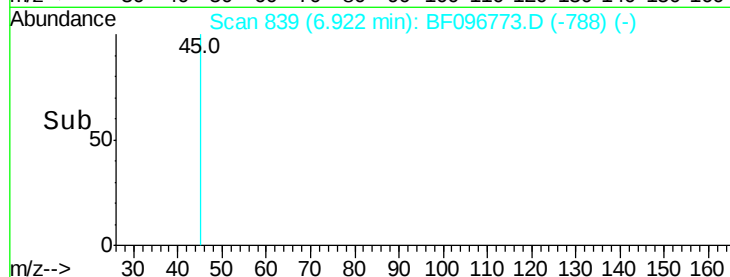
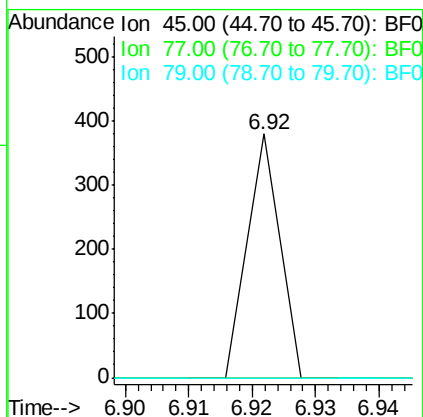
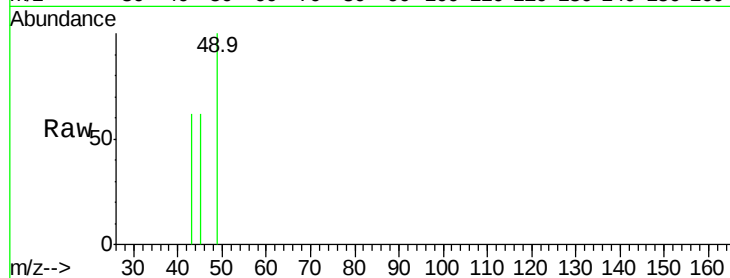




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.009 ng
RT: 6.92 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

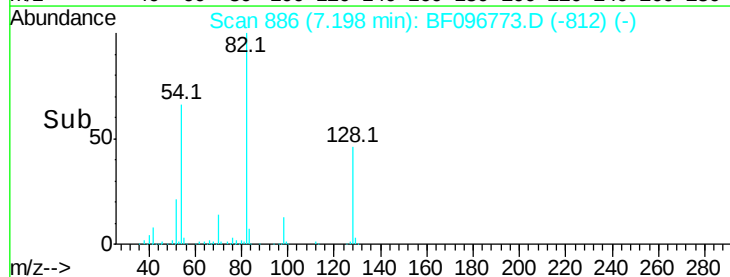
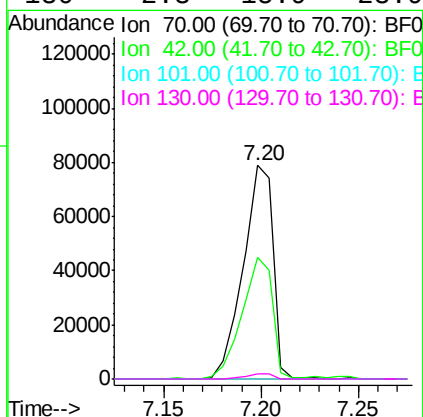
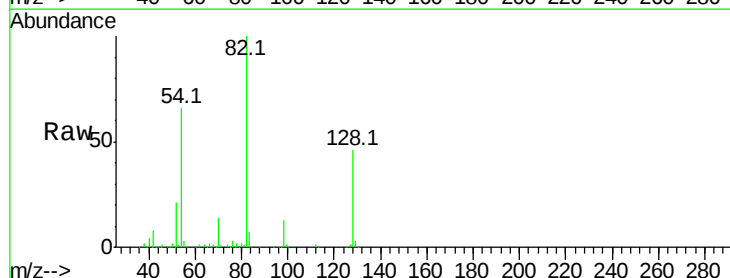
Instrument :
BNA_F
ClientSampleId :

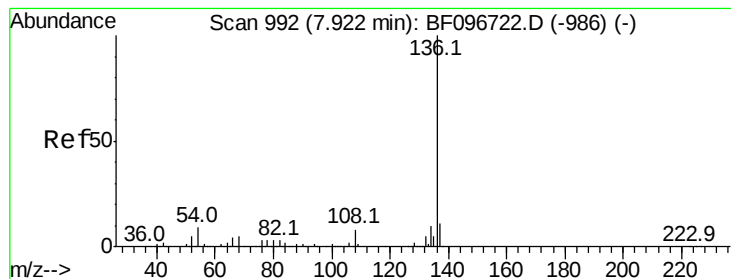
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.2
79	0.0	0.0	30.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.421 ng
RT: 7.20 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 435687

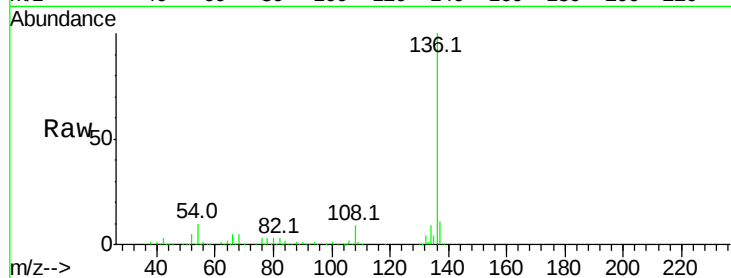
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.4 4.9 7.3#

68 5.3 4.1 6.1

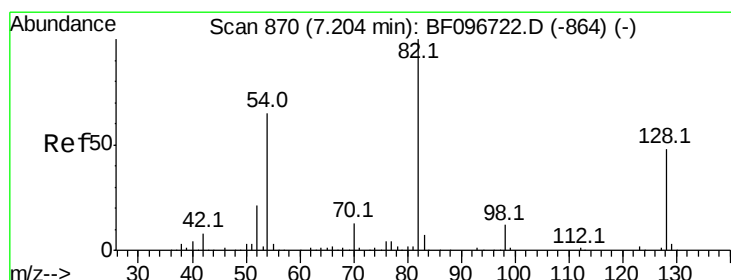
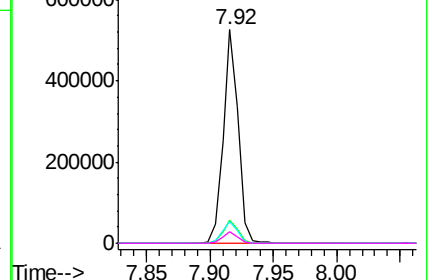
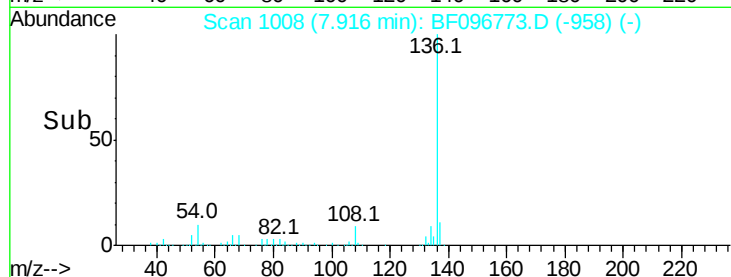


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 88.806 ng

RT: 7.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

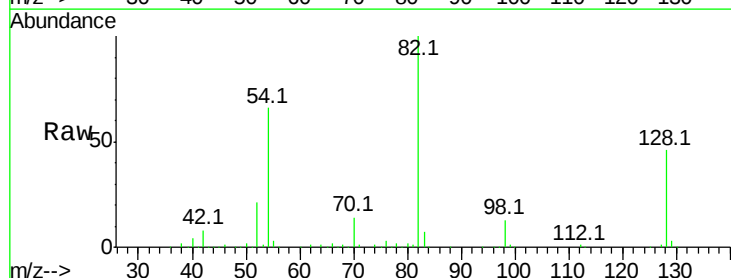
Tgt Ion: 82 Resp: 624654

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

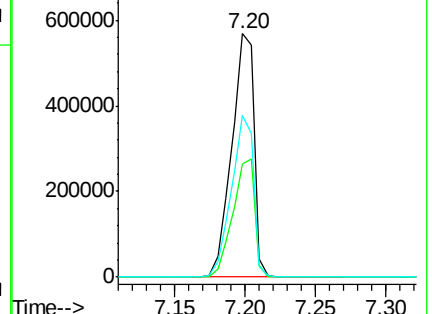
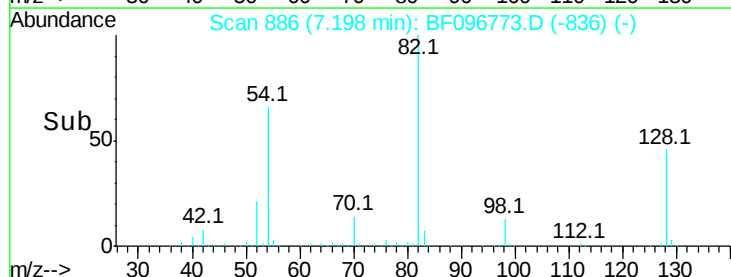
54 66.3 42.2 63.2#

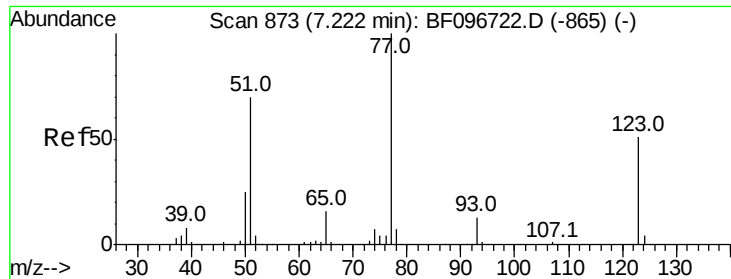


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

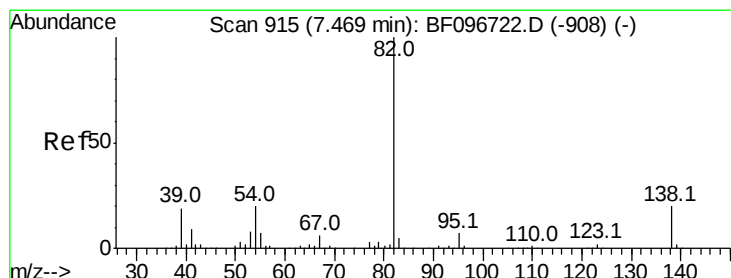
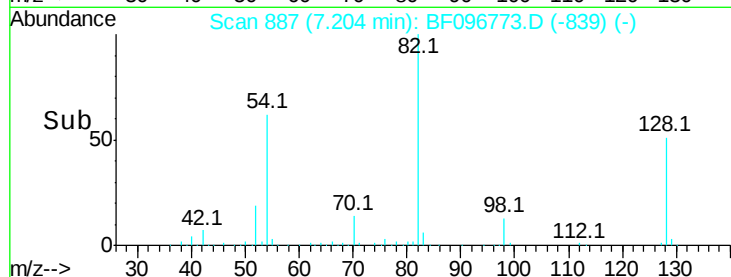
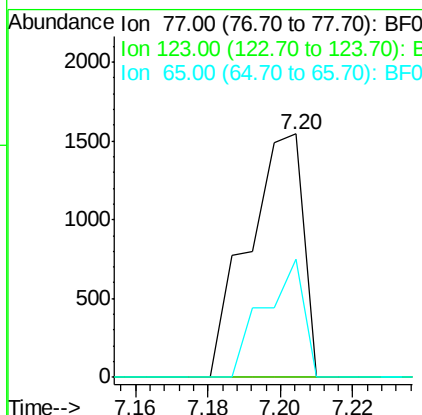
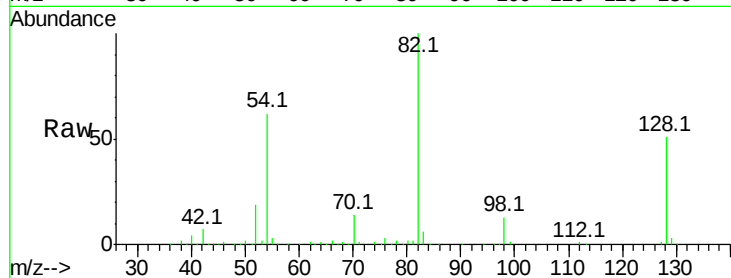




#24
 Nitrobenzene
 Concen: 0.224 ng
 RT: 7.20 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

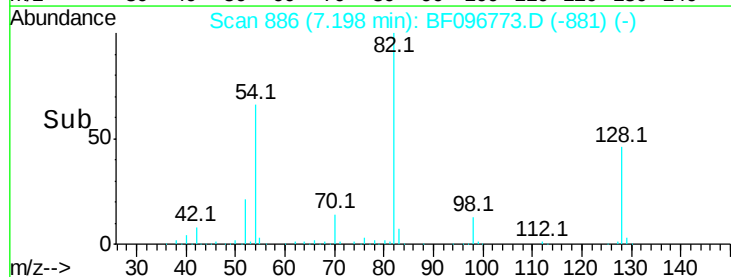
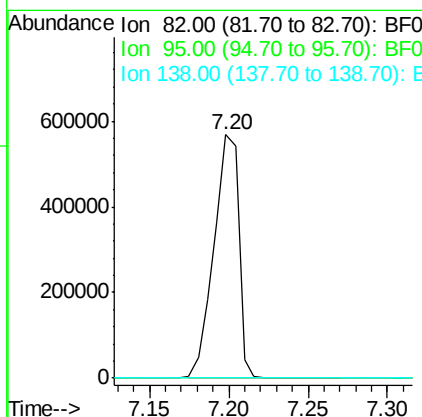
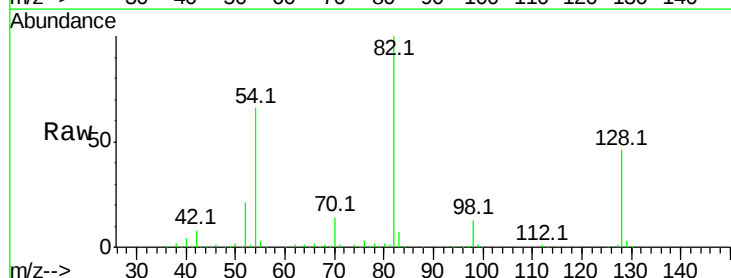
Instrument :
 BNA_F
 ClientSampleId :

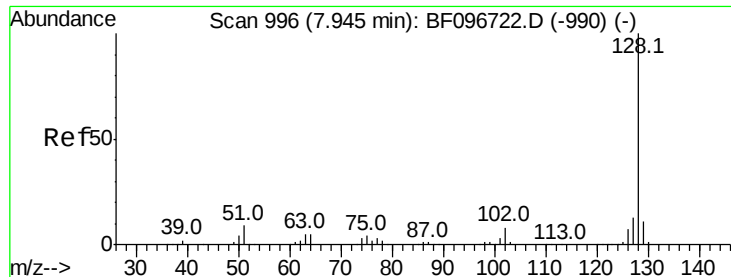
Tot Ion: 77 Resp: 1627
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.8 53.8#
 65 48.7 10.6 15.8#



#25
 Isophorone
 Concen: 47.384 ng
 RT: 7.20 min Scan# 886
 Delta R.T. -0.27 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion: 82 Resp: 620019
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#31

Naphthalene

Concen: 0.052 ng

RT: 7.94 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

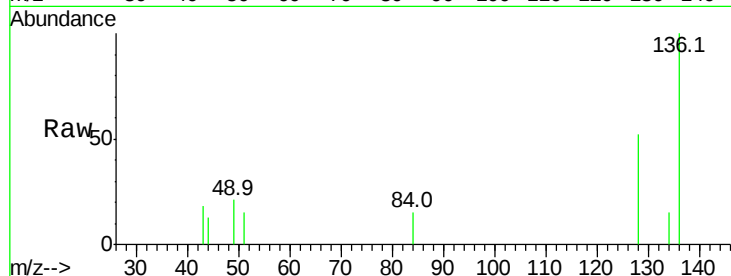
Tot Ion:128 Resp: 1063

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.6#

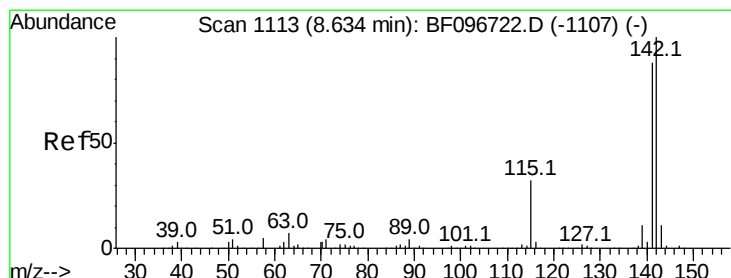
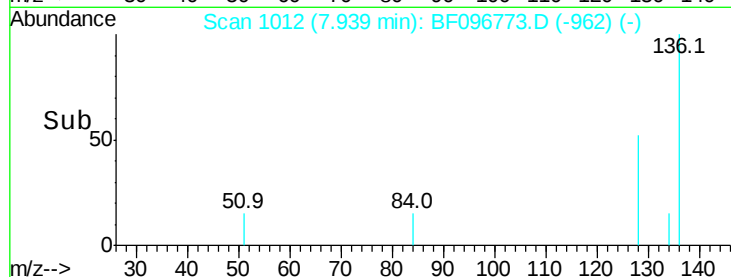
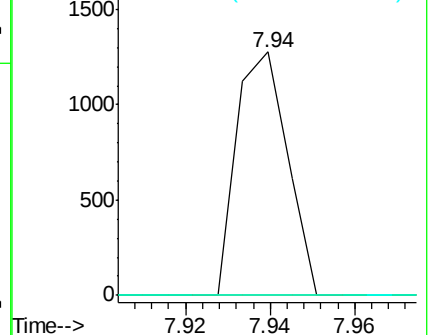
127 0.0 10.8 16.2#



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



#37

2-Methylnaphthalene

Concen: 0.029 ng

RT: 8.63 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

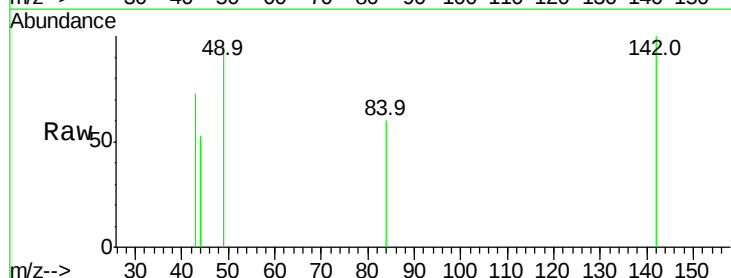
Tgt Ion:142 Resp: 386

Ion Ratio Lower Upper

142 100

141 0.0 71.3 106.9#

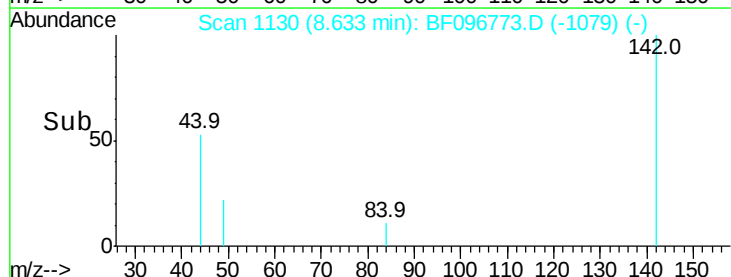
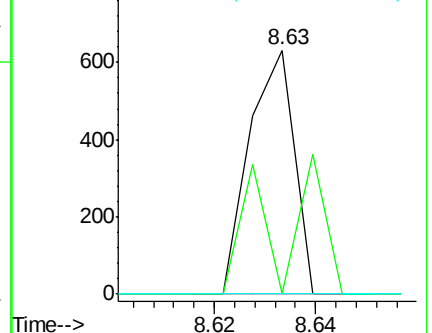
115 0.0 27.1 40.7#

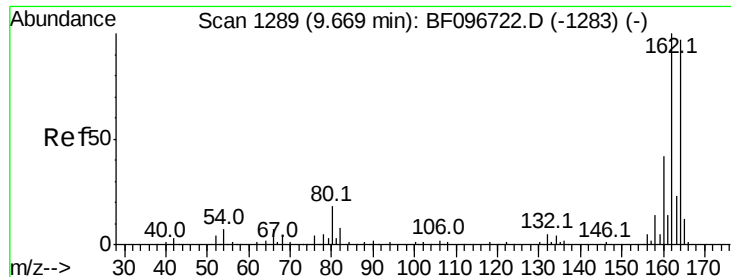


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

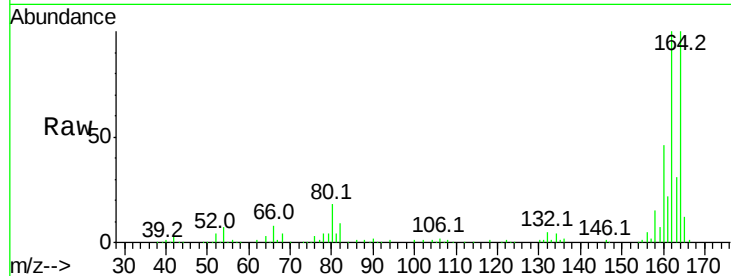




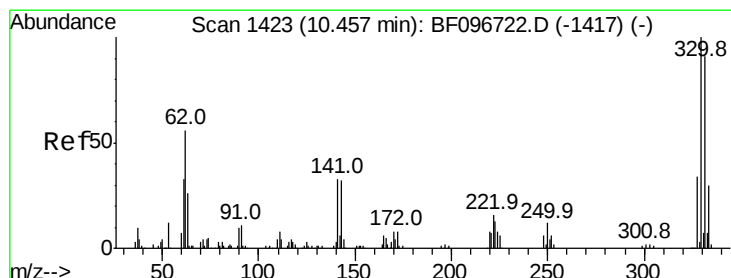
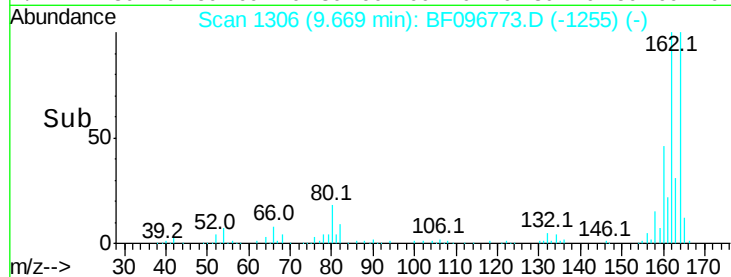
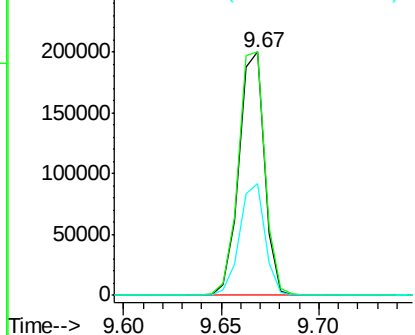
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 181905
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.6 123.8
 160 45.8 36.2 54.2

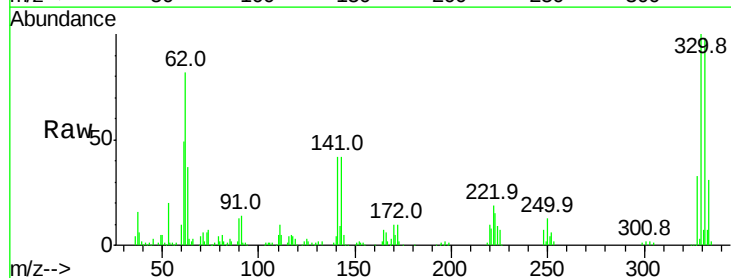


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

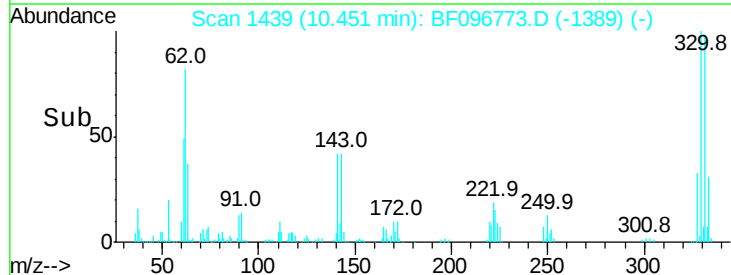
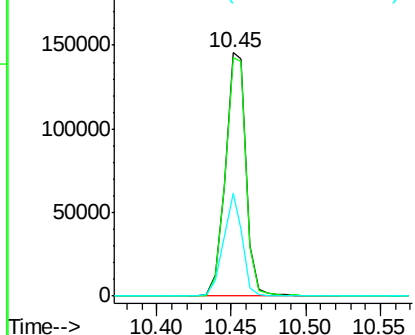


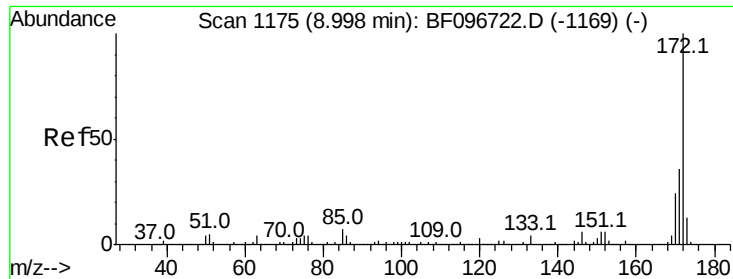
#41
 2,4,6-Tribromophenol
 Concen: 92.249 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion:330 Resp: 143237
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 38.3 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

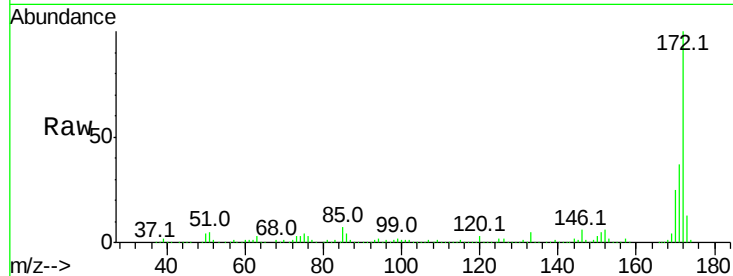




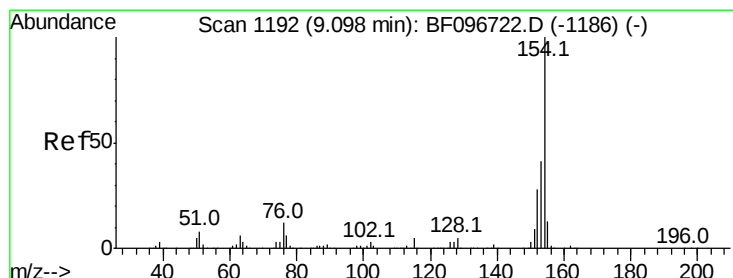
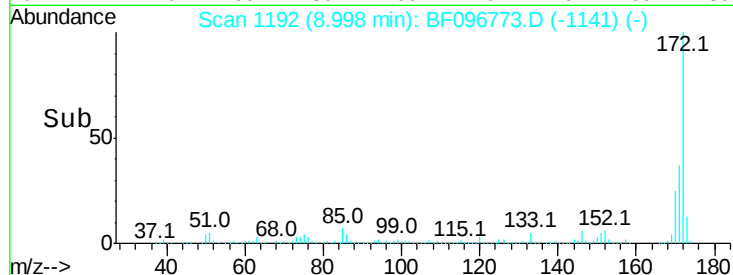
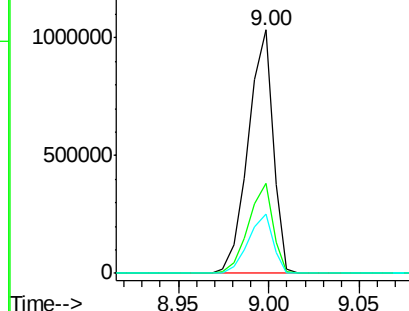
#44
 2-Fluorobiphenyl
 Concen: 85.581 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 985339
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.5 19.8 29.8

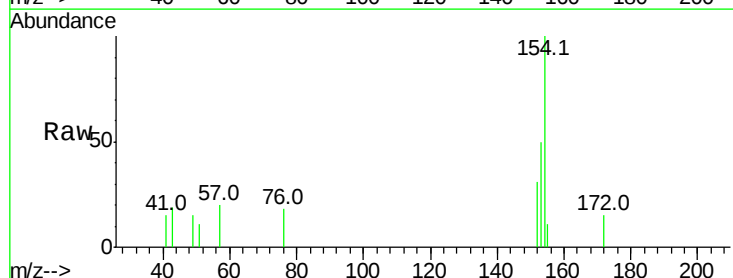


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

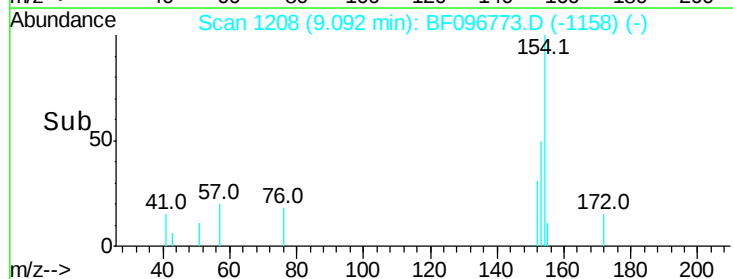
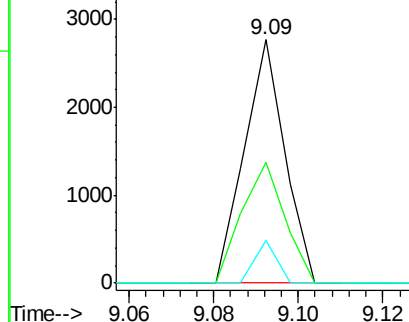


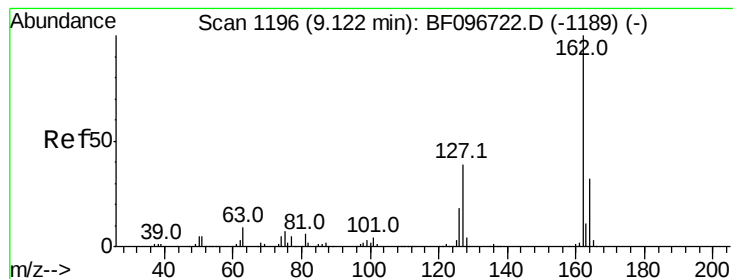
#45
 1,1'-Biphenyl
 Concen: 0.118 ng
 RT: 9.09 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion:154 Resp: 1834
 Ion Ratio Lower Upper
 154 100
 153 49.6 21.2 61.2
 76 17.5 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 0.096 ng

RT: 9.39 min Scan# 1258

Delta R.T. 0.26 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

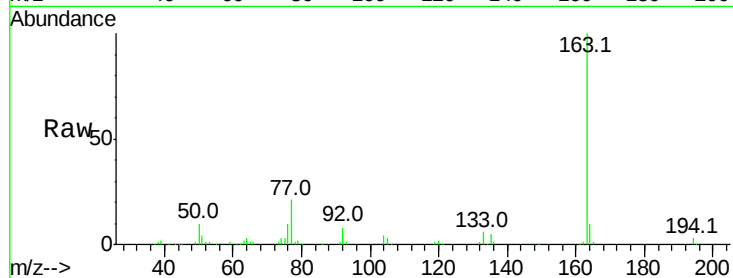
Tot Ion:162 Resp: 1105

Ion Ratio Lower Upper

162 100

127 0.0 28.3 42.5#

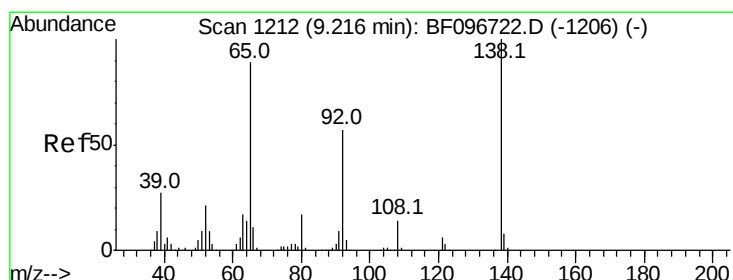
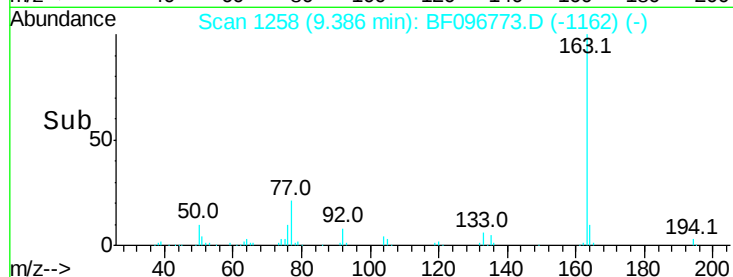
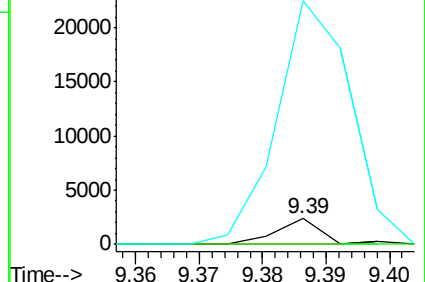
164 953.8 27.0 40.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 0.558 ng

RT: 9.39 min Scan# 1258

Delta R.T. 0.17 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

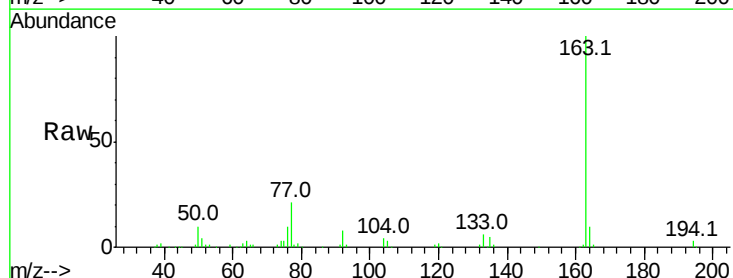
Tgt Ion: 65 Resp: 2204

Ion Ratio Lower Upper

65 100

92 725.6 53.9 80.9#

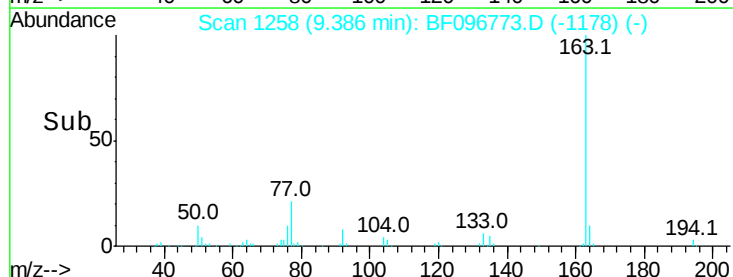
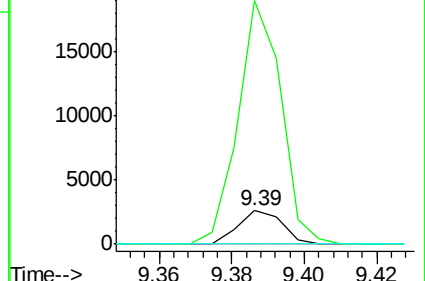
138 0.0 78.8 118.2#

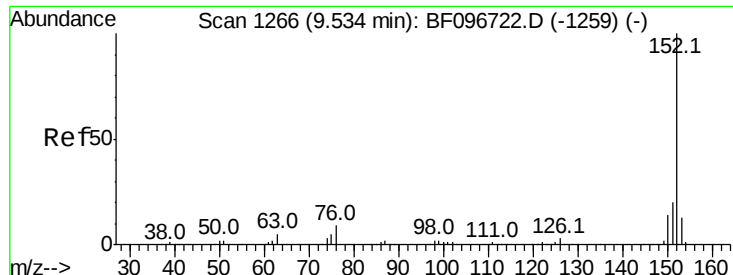


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.035 ng

RT: 9.52 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampled :

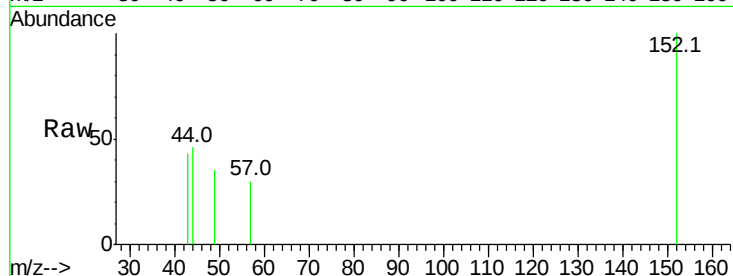
Tot Ion:152 Resp: 640

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

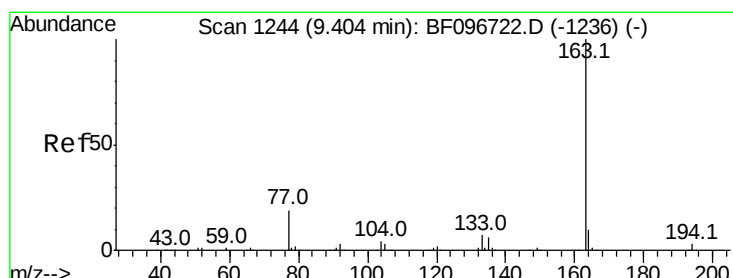
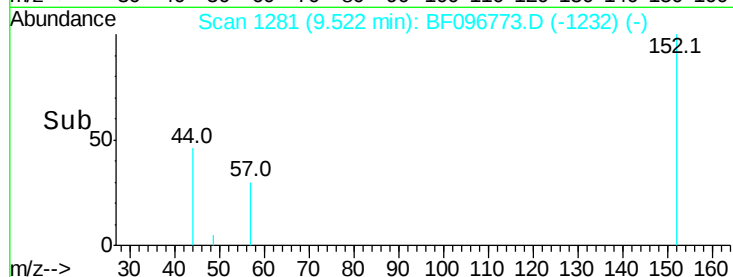
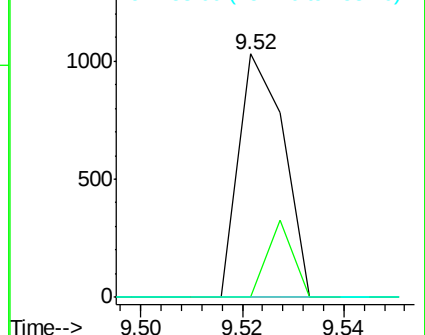
153 0.0 10.8 16.2#



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: 13.725 ng

RT: 9.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

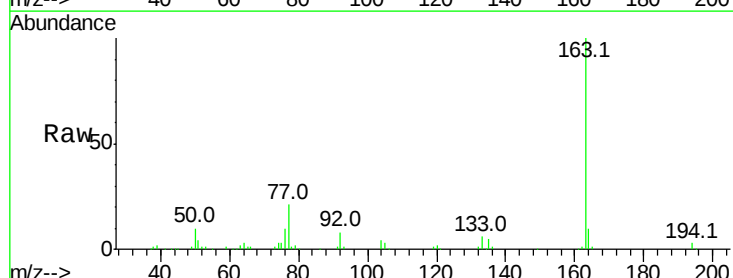
Tgt Ion:163 Resp: 187985

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

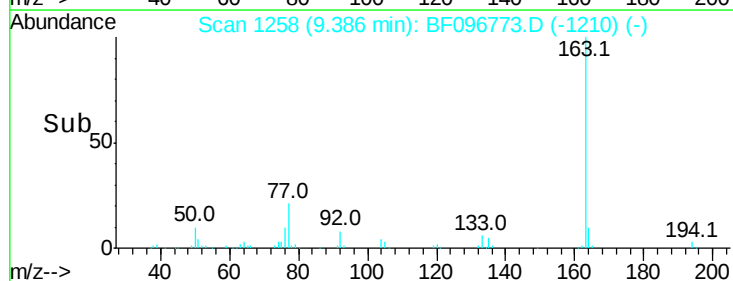
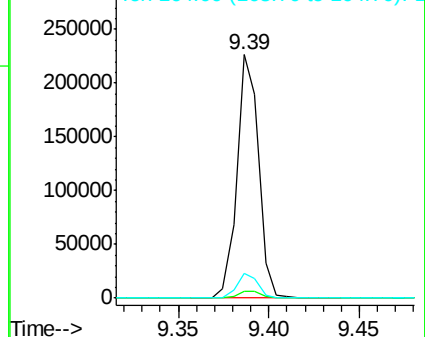
164 9.9 8.4 12.6

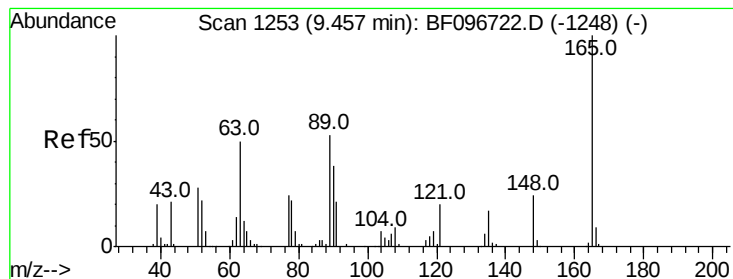


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 0.583 ng

RT: 9.39 min Scan# 1258

Delta R.T. -0.07 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

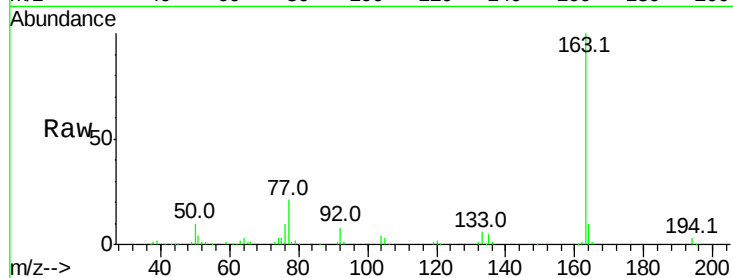
Tot Ion:165 Resp: 1729

Ion Ratio Lower Upper

165 100

63 153.6 34.3 51.5#

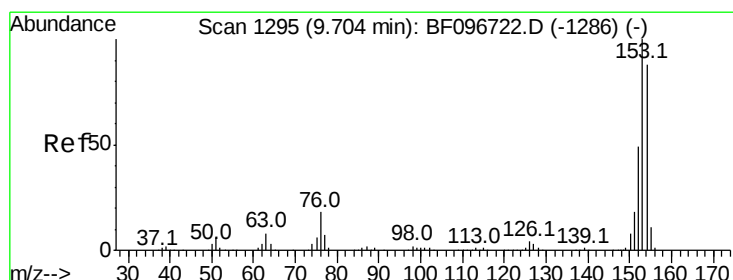
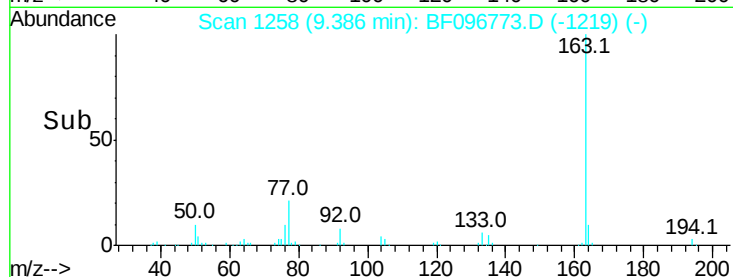
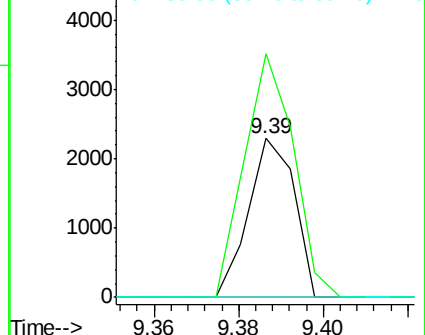
89 0.0 37.1 55.7#



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: 0.082 ng

RT: 9.70 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

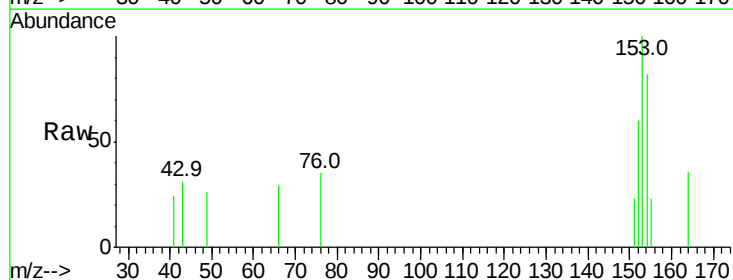
Tgt Ion:154 Resp: 889

Ion Ratio Lower Upper

154 100

153 122.0 90.5 135.7

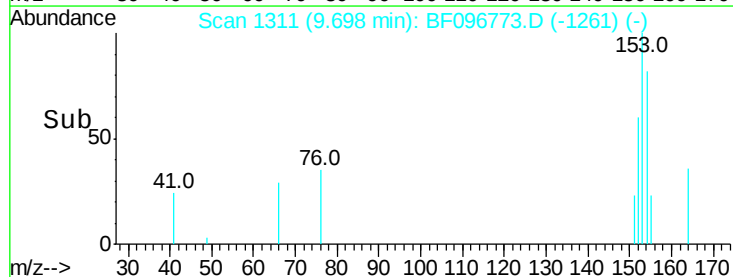
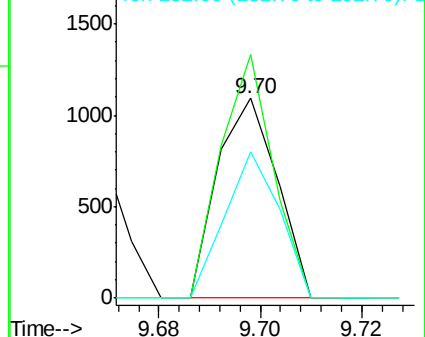
152 73.5 43.6 65.4#

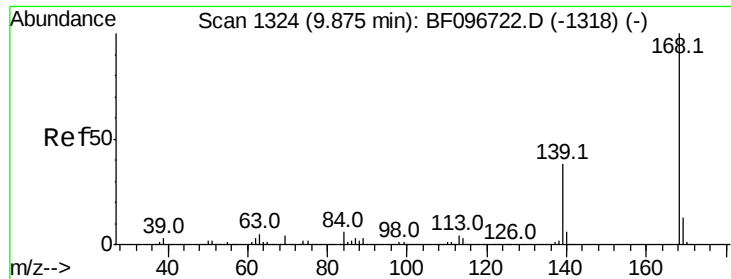


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

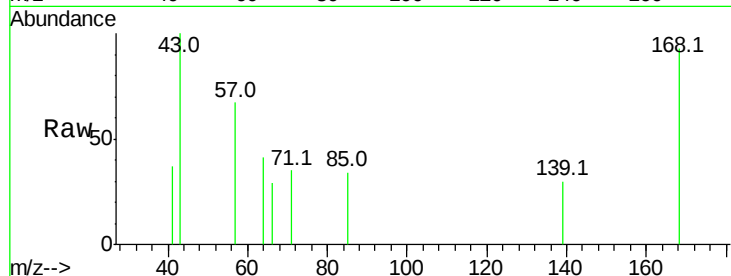




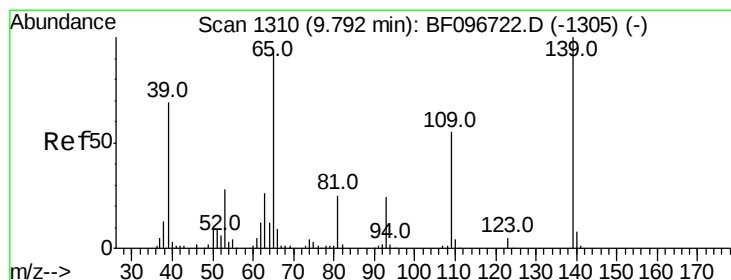
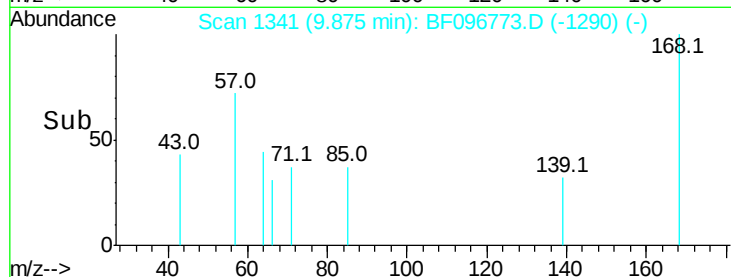
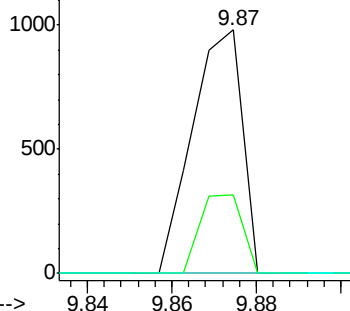
#54
Dibenzofuran
Concen: 0.053 ng
RT: 9.87 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 809
Ion Ratio Lower Upper
168 100
139 32.2 30.6 45.8
169 0.0 10.8 16.2#

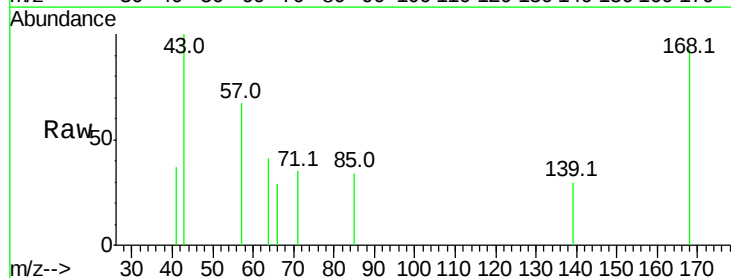


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

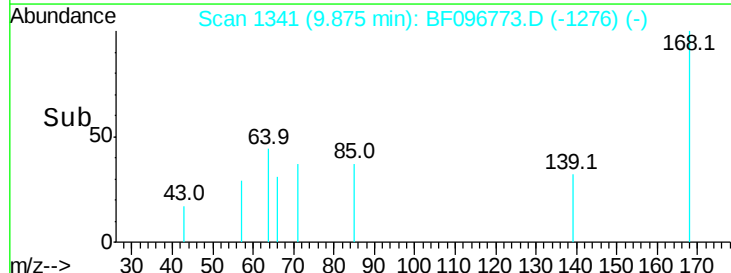
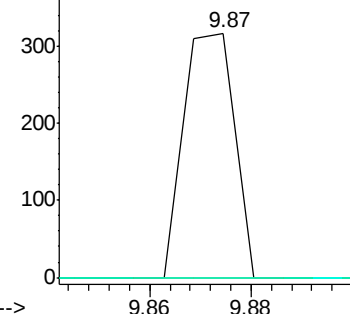


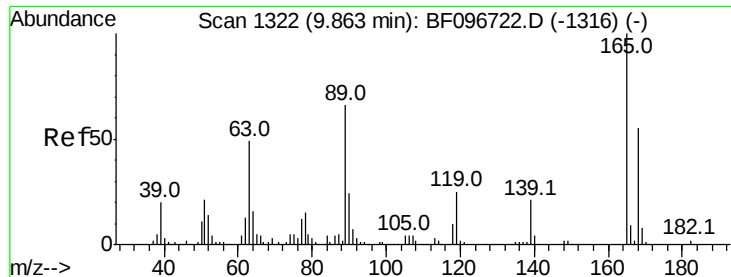
#55
4-Nitrophenol
Concen: 0.086 ng
RT: 9.87 min Scan# 1341
Delta R.T. 0.08 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:139 Resp: 221
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 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

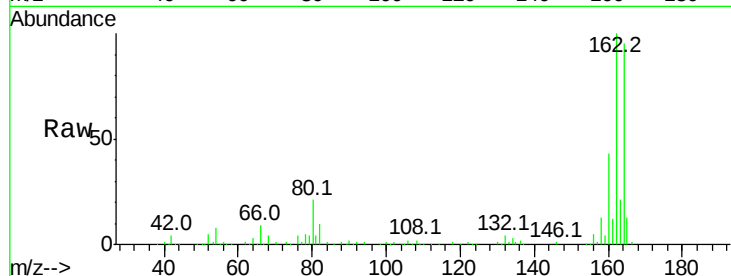




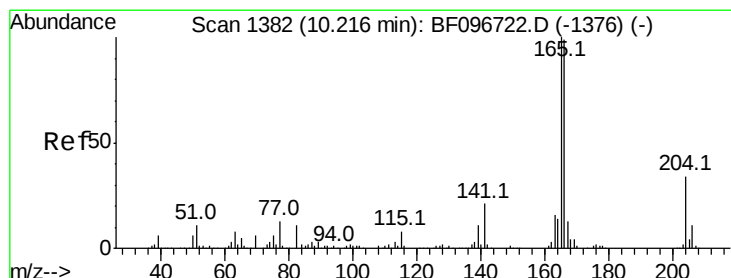
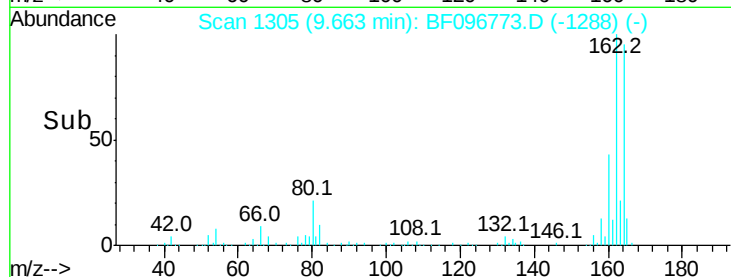
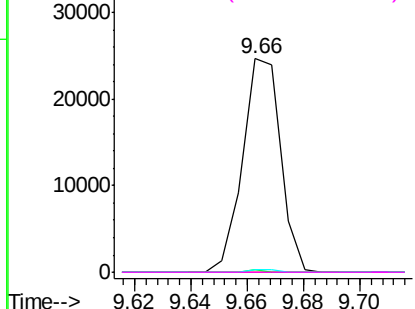
#56
2,4-Dinitrotoluene
Concen: 6.055 ng
RT: 9.66 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 23084
Ion Ratio Lower Upper
165 100
63 1.3 25.4 38.0#
89 1.3 46.4 69.6#
182 0.0 1.8 2.6#

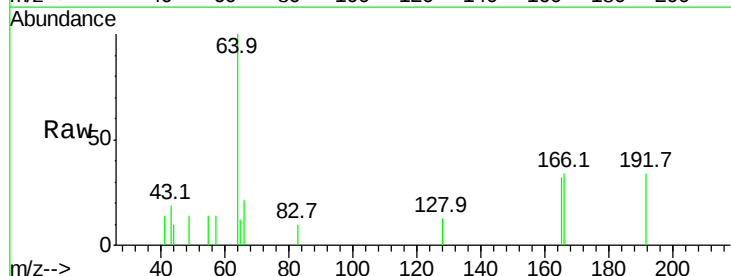


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

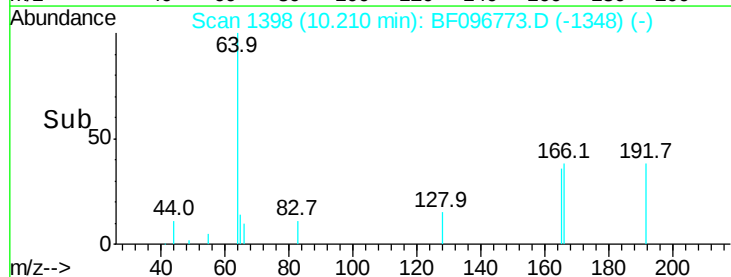
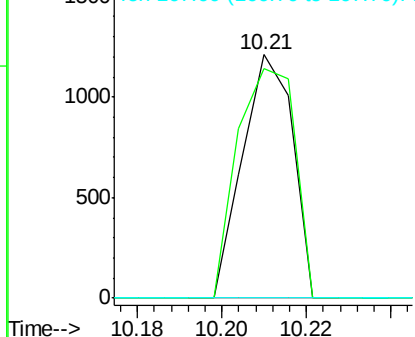


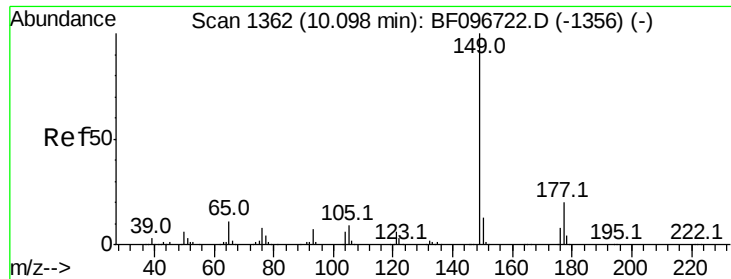
#57
Fluorene
Concen: 0.089 ng
RT: 10.21 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:166 Resp: 999
Ion Ratio Lower Upper
166 100
165 94.1 78.8 118.2
167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

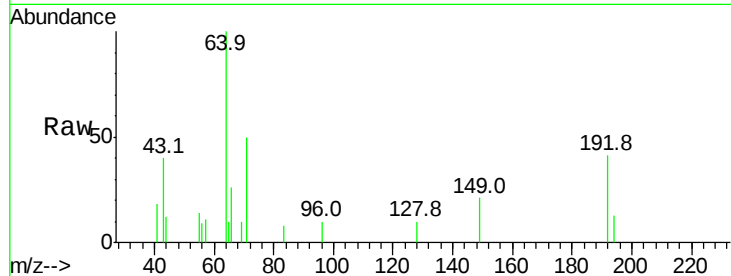




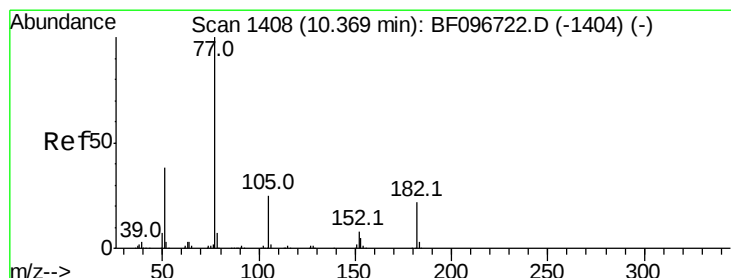
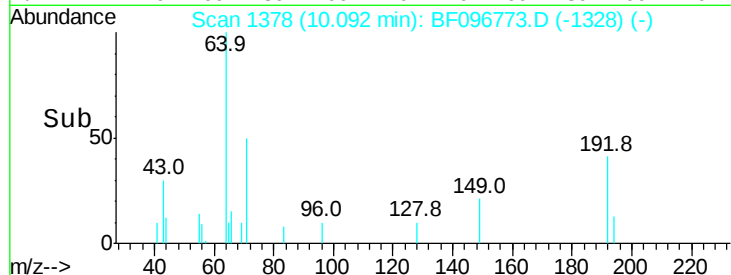
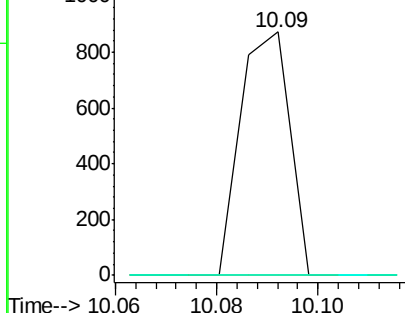
#59
Diethylphthalate
Concen: 0.044 ng
RT: 10.09 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 587
Ion Ratio Lower Upper
149 100
177 0.0 16.7 25.1#
150 0.0 10.2 15.2#

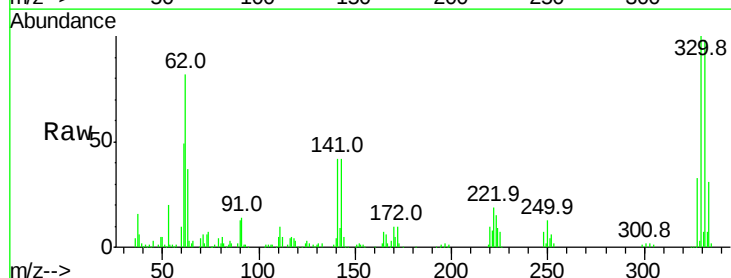


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

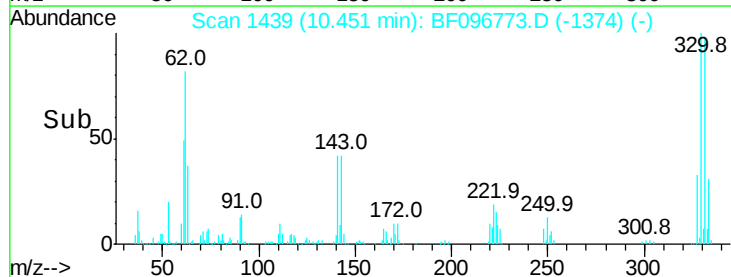
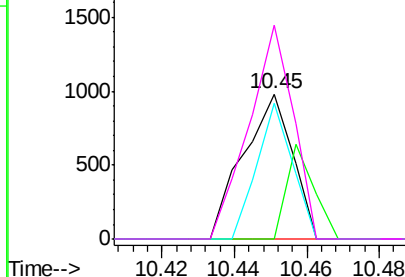


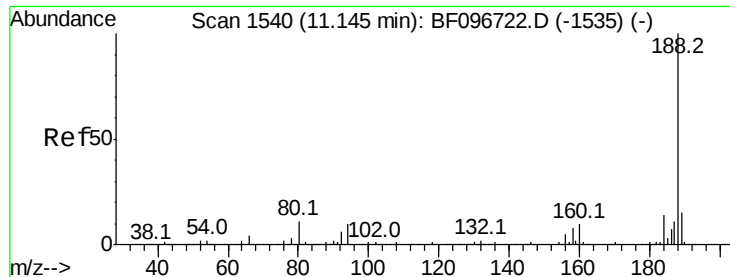
#62
Azobenzene
Concen: 0.078 ng
RT: 10.45 min Scan# 1439
Delta R.T. 0.08 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion: 77 Resp: 923
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 93.3 3.6 43.6#
51 147.0 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: 20.000 ng

RT: 11.15 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

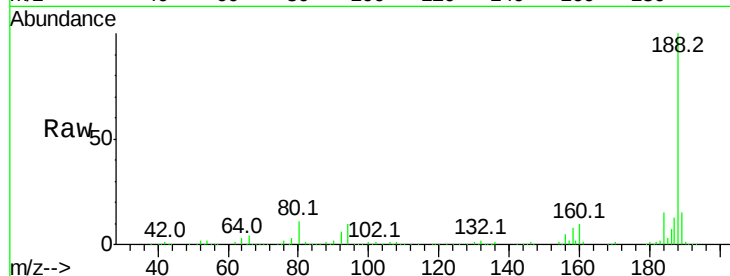
Tot Ion:188 Resp: 258469

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

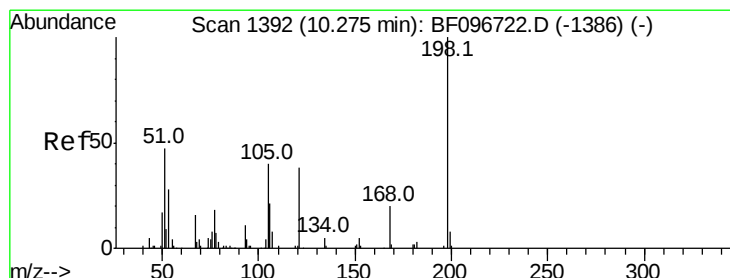
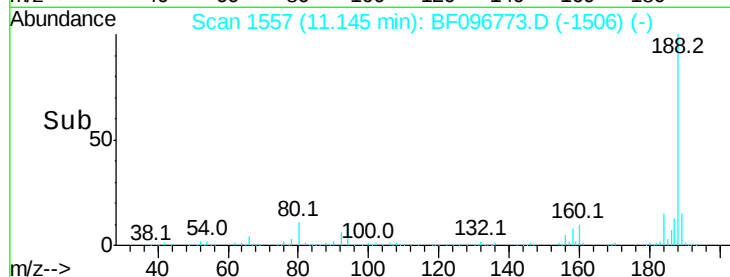
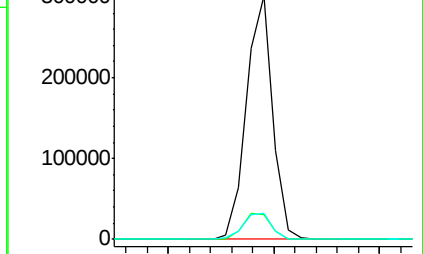
80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 0.133 ng

RT: 10.45 min Scan# 1438

Delta R.T. 0.17 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

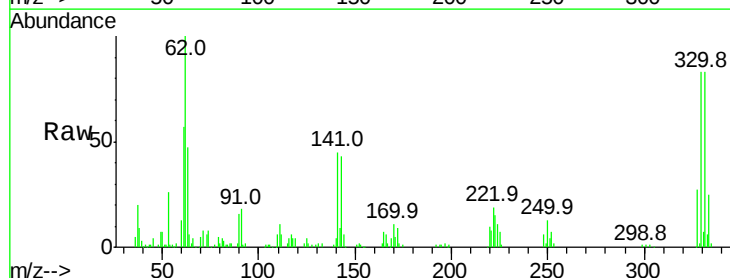
Tgt Ion:198 Resp: 216

Ion Ratio Lower Upper

198 100

51 273.4 53.2 93.2#

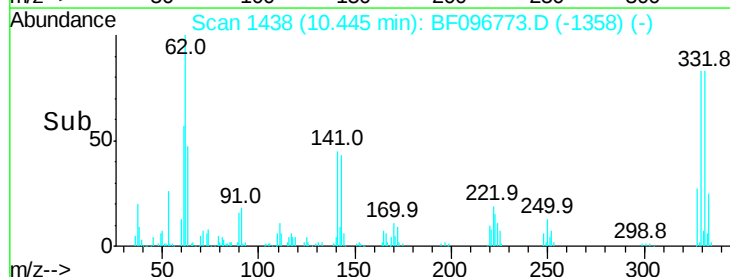
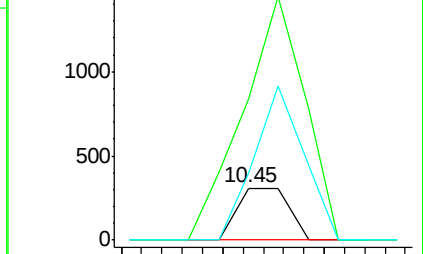
105 128.2 45.8 85.8#

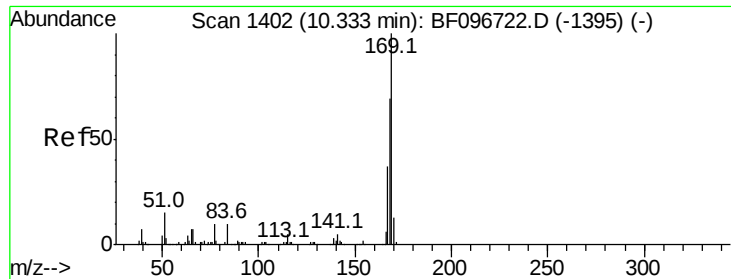


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

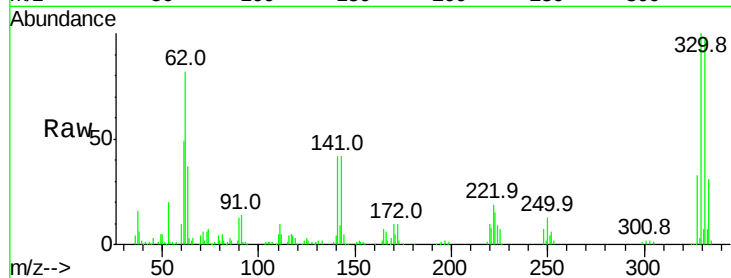




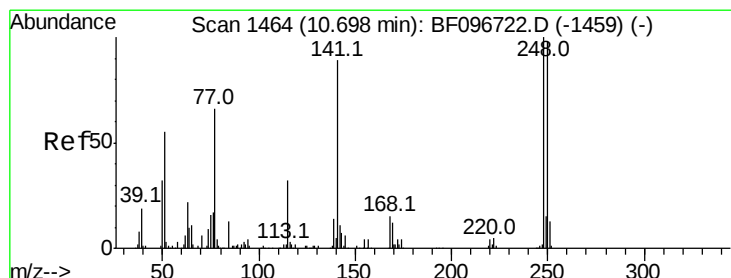
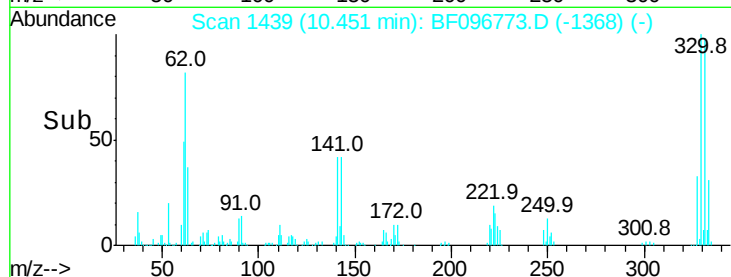
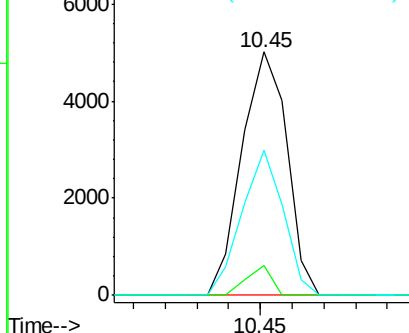
#65
 n-Nitrosodiphenylamine
 Concen: 0.534 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. 0.12 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 4936
 Ion Ratio Lower Upper
 169 100
 168 12.4 53.2 79.8#
 167 59.7 29.5 44.3#

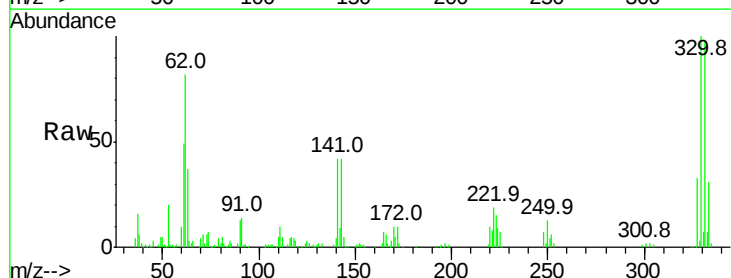


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

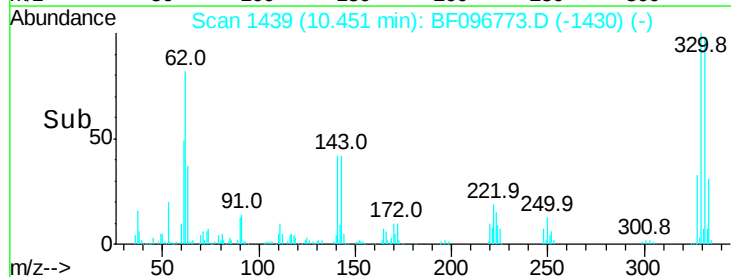
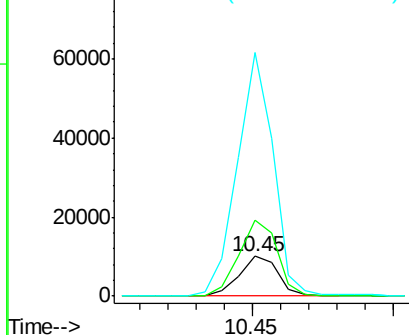


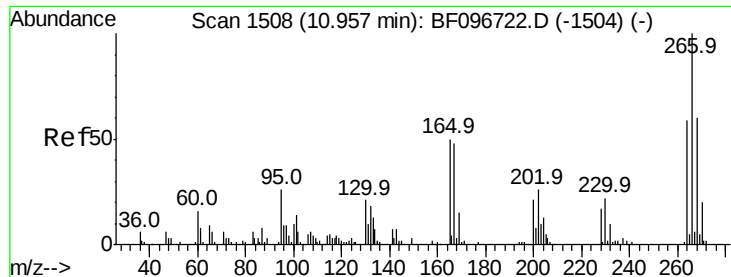
#66
 4-Bromophenyl-phenylether
 Concen: 3.627 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion:248 Resp: 9571
 Ion Ratio Lower Upper
 248 100
 250 189.1 76.8 115.2#
 141 607.9 68.6 103.0#



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

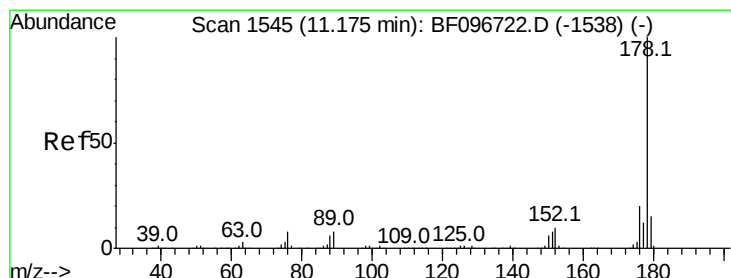
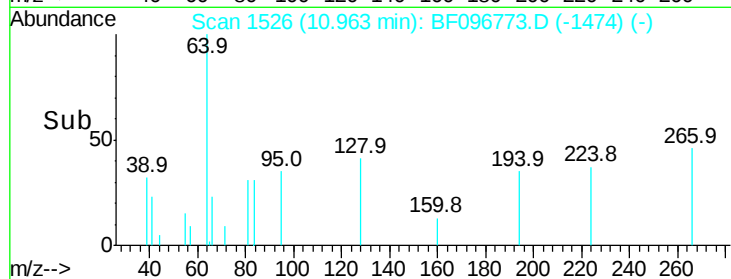
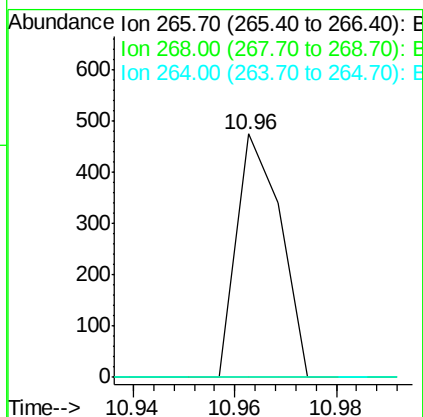
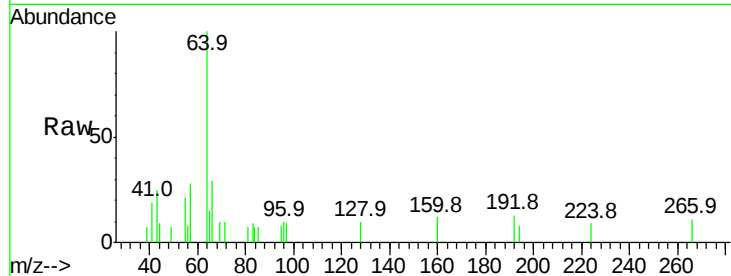




#69
 Pentachlorophenol
 Concen: 0.203 ng
 RT: 10.96 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

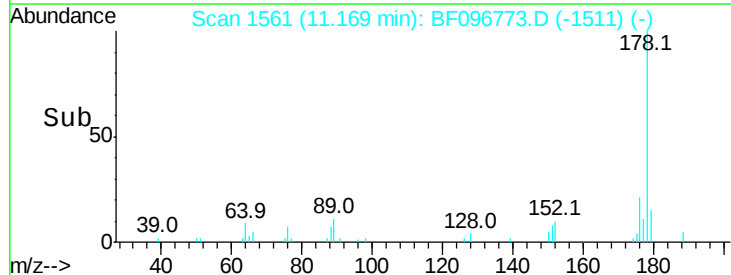
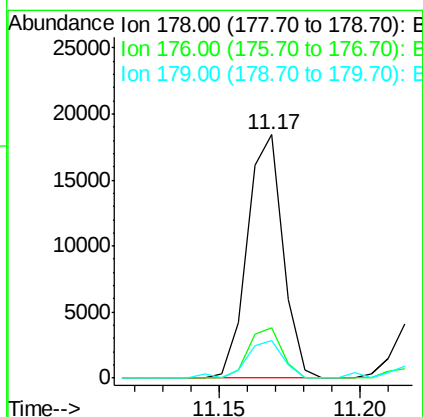
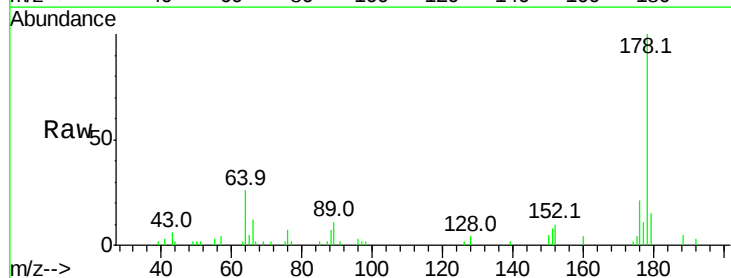
Instrument :
 BNA_F
 ClientSampleId :

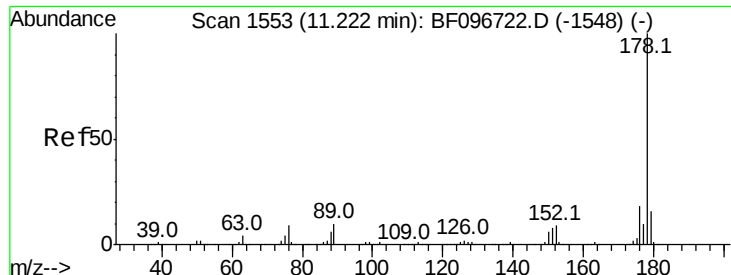
Tot Ion:266 Resp: 288
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 51.7 77.5#



#70
 Phenanthrene
 Concen: 1.149 ng
 RT: 11.17 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion:178 Resp: 16145
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 15.4 12.6 19.0

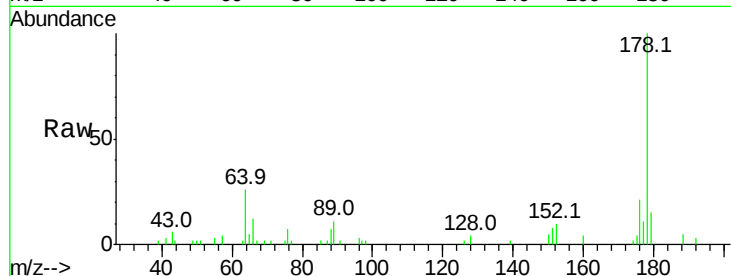




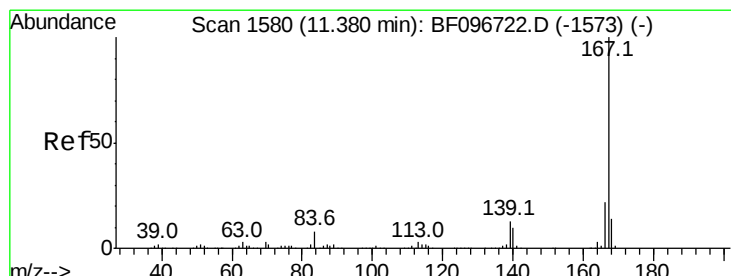
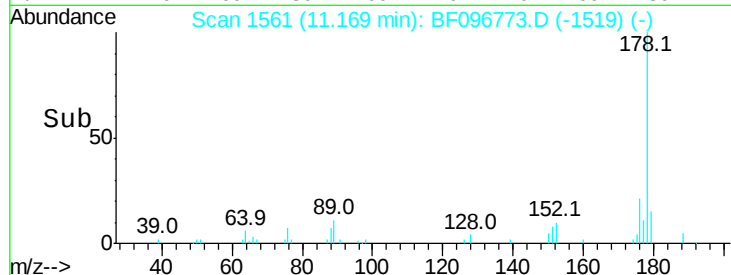
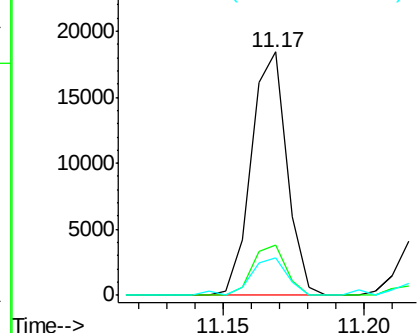
#71
 Anthracene
 Concen: 1.136 ng
 RT: 11.17 min Scan# 1561
 Delta R.T. -0.05 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 16145
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.8 23.8
 179 15.4 12.7 19.1

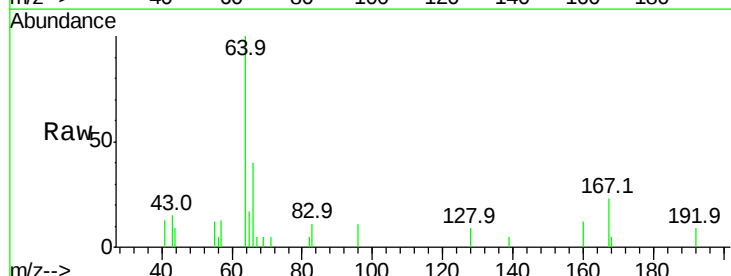


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

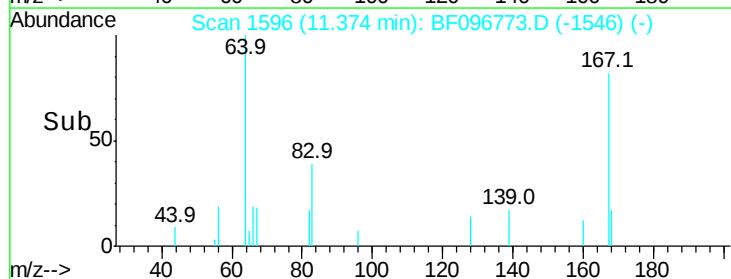
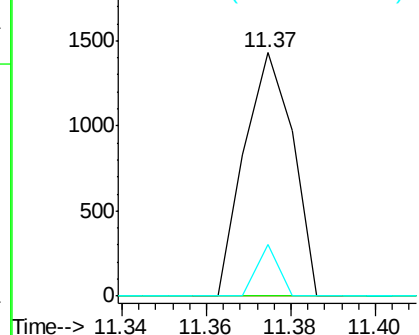


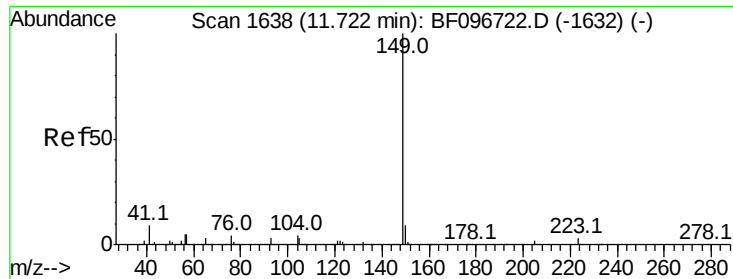
#72
 Carbazole
 Concen: 0.083 ng
 RT: 11.37 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF096773.D
 Acq: 14 Jul 2017 14:03

Tgt Ion:167 Resp: 1142
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.1 27.1#
 139 21.2 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: 0.154 ng

RT: 11.72 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

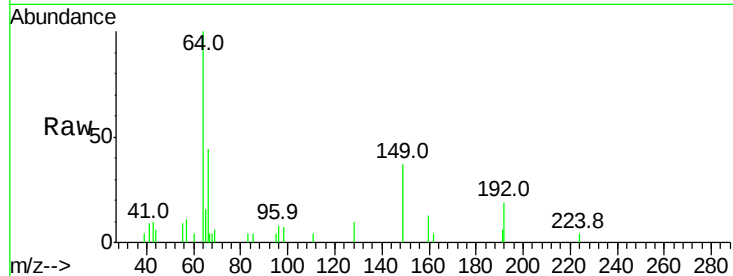
Tot Ion:149 Resp: 2635

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

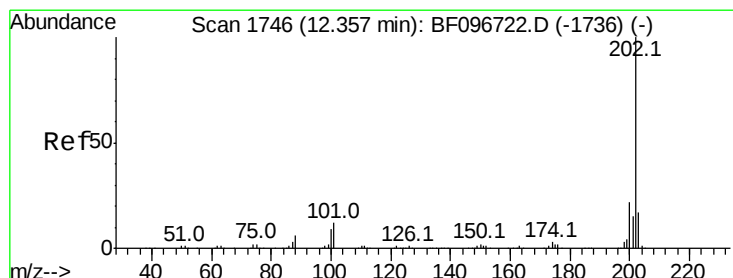
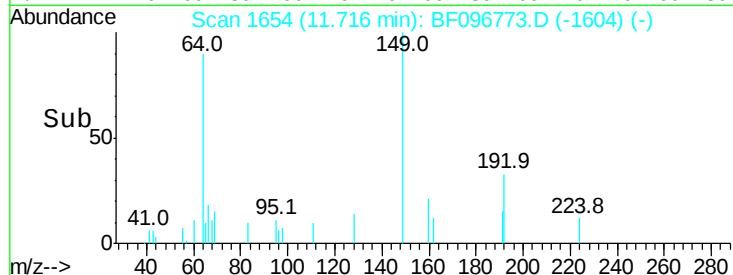
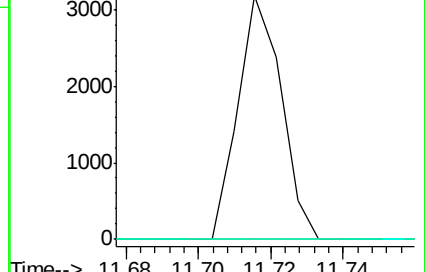
104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 1.403 ng

RT: 12.35 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

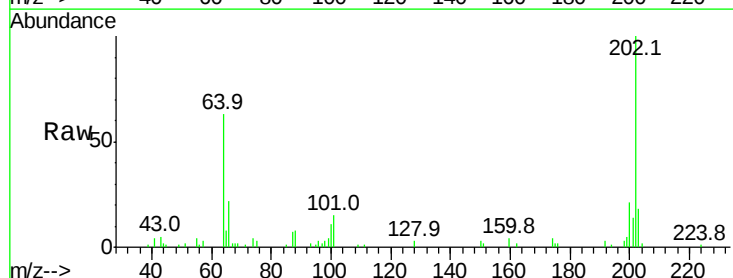
Tgt Ion:202 Resp: 18876

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

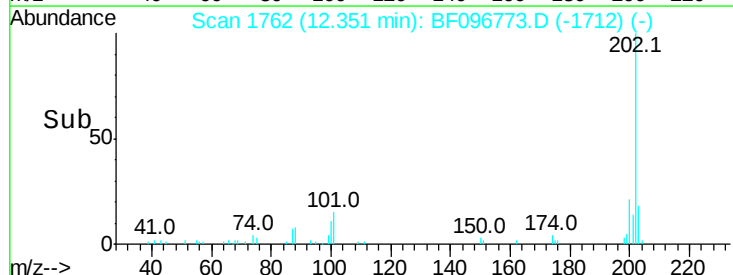
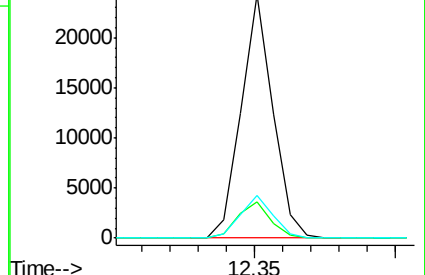
203 17.7 0.0 38.1

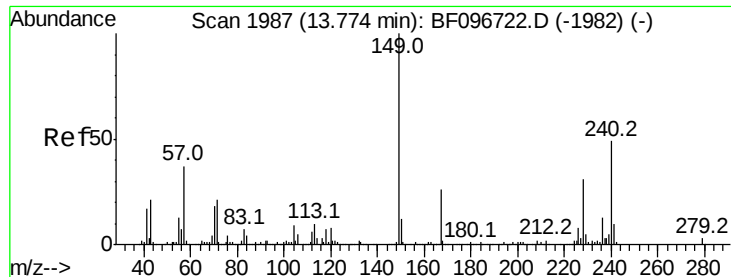


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampled :

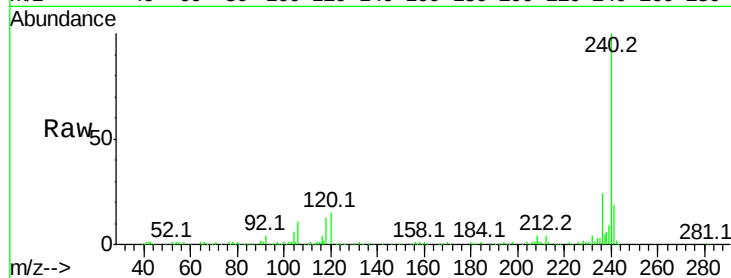
Tot Ion:240 Resp: 175407

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

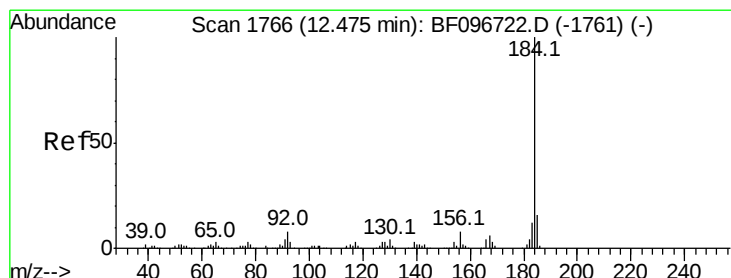
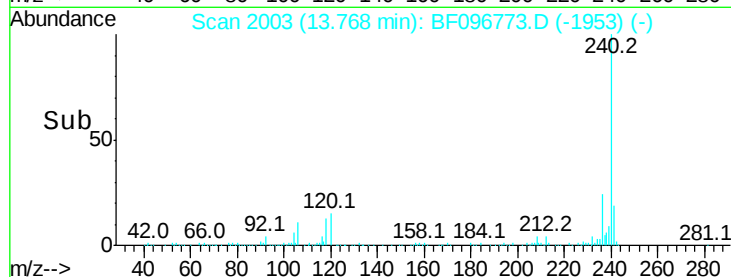
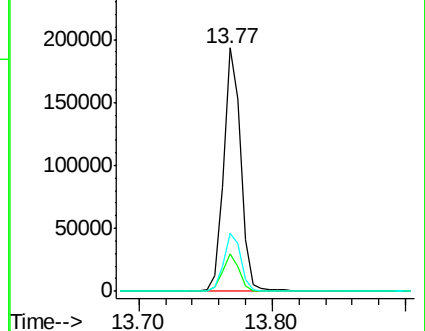
236 24.1 20.5 30.7



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: 1.179 ng

RT: 12.73 min Scan# 1826

Delta R.T. 0.25 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

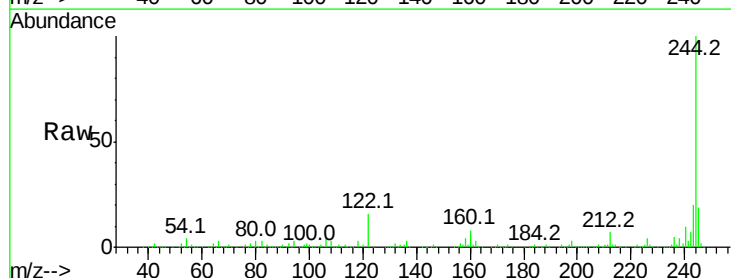
Tgt Ion:184 Resp: 6777

Ion Ratio Lower Upper

184 100

185 16.5 15.5 23.3

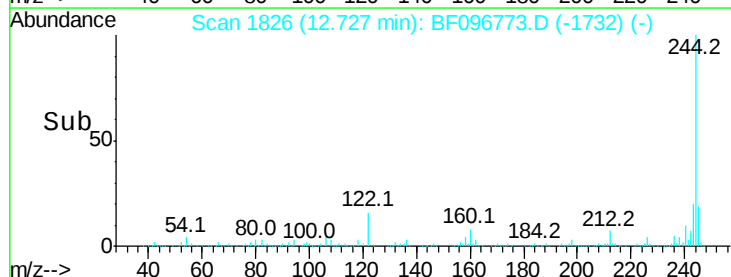
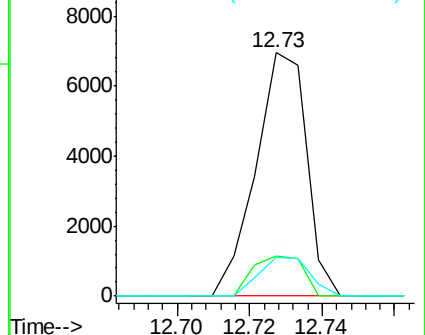
183 16.0 9.8 14.6#

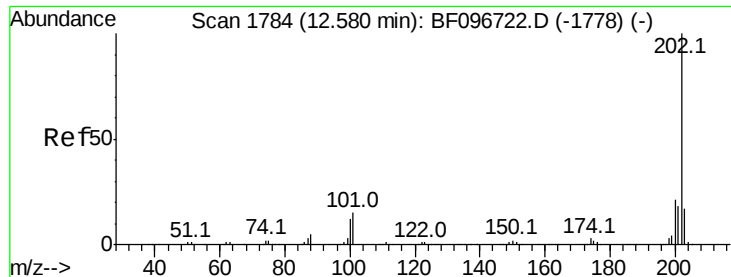


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

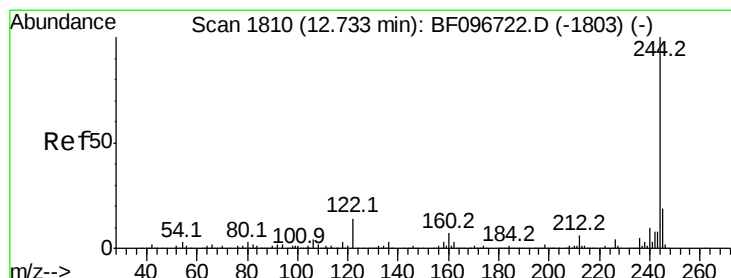
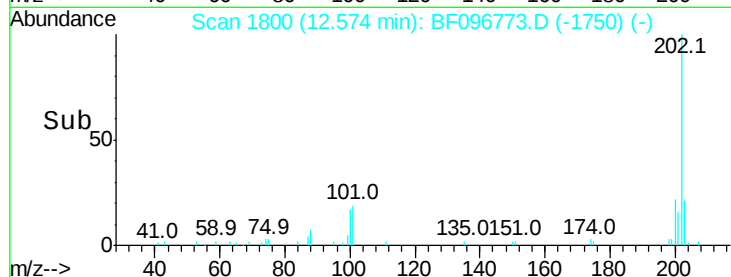
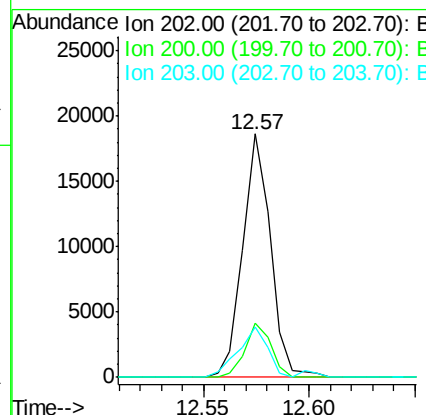
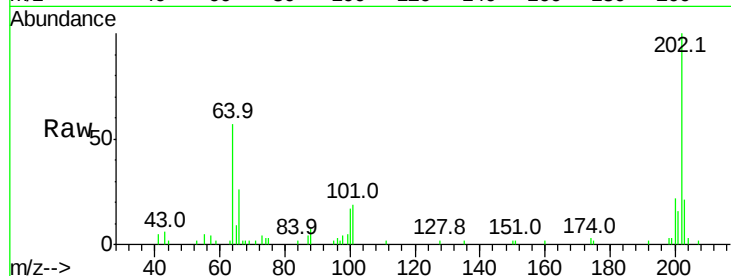




#77
Pvrene
Concen: 1.070 ng
RT: 12.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

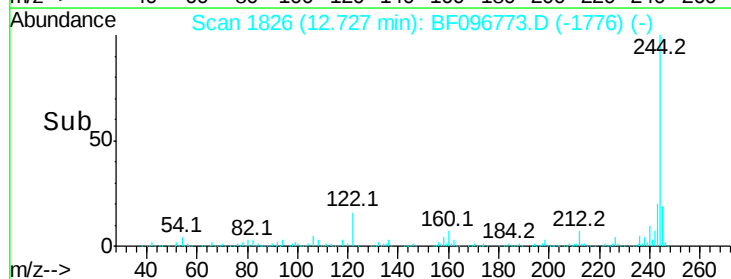
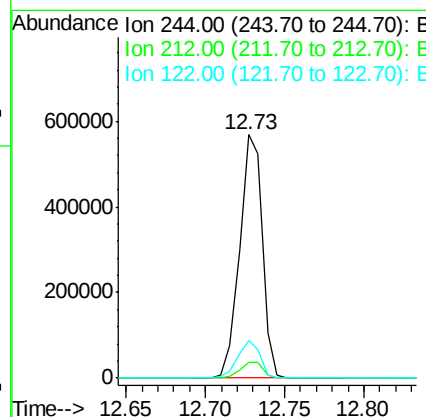
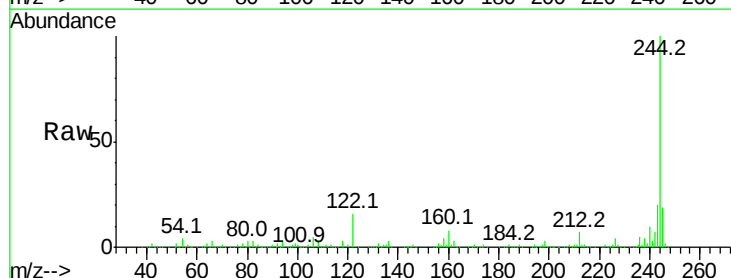
Instrument :
BNA_F
ClientSampled :

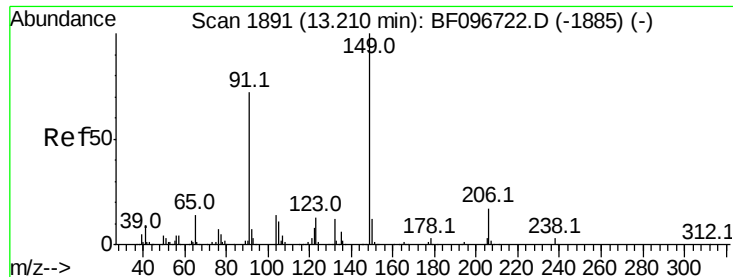
Tot Ion:202 Resp: 17029
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 20.5 14.4 21.6



#78
Terphenyl-d14
Concen: 55.738 ng
RT: 12.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:244 Resp: 563751
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 15.7 10.3 15.5#

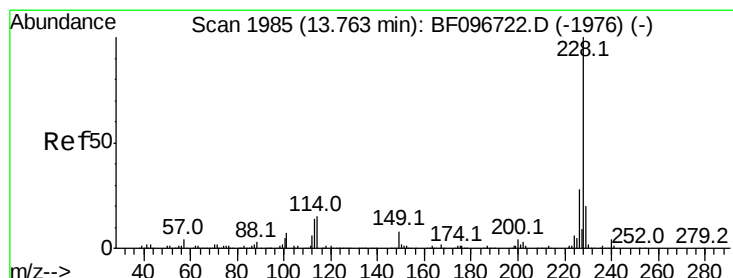
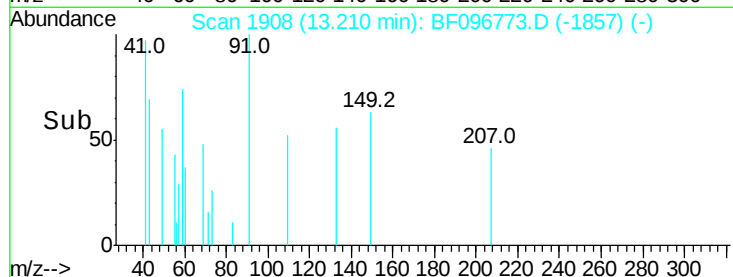
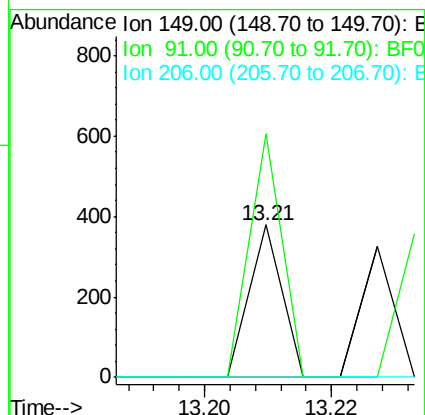
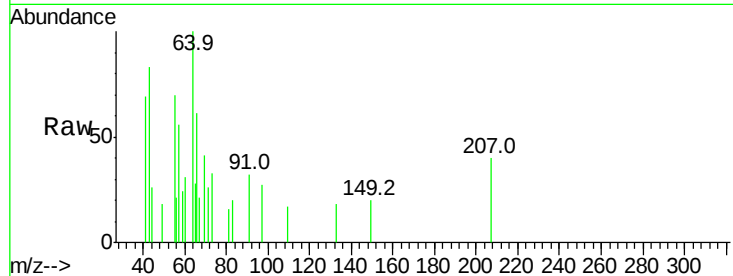




#79
Butylbenzylphthalate
Concen: 0.035 ng
RT: 13.21 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

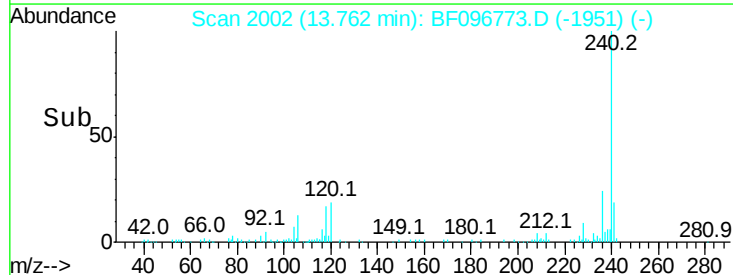
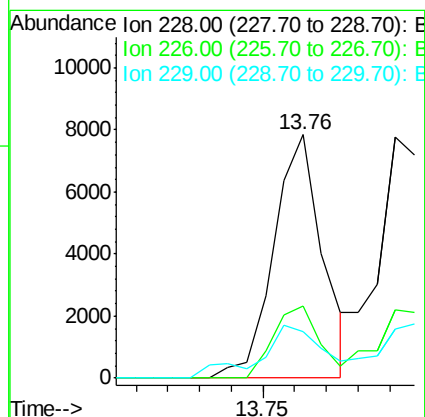
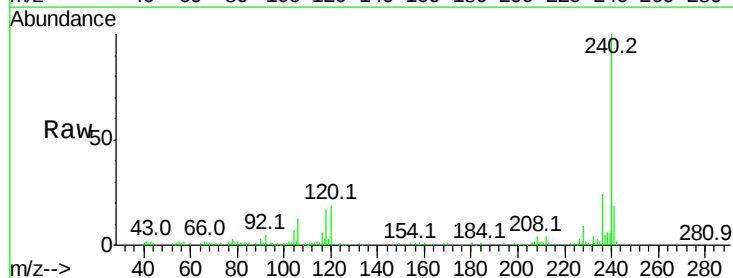
Instrument :
BNA_F
ClientSampled :

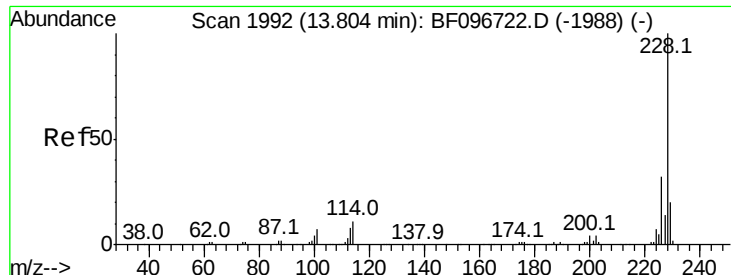
Tot Ion:149 Resp: 134
Ion Ratio Lower Upper
149 100
91 159.9 45.0 67.4#
206 0.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 0.769 ng
RT: 13.76 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:228 Resp: 8406
Ion Ratio Lower Upper
228 100
226 29.6 22.6 33.8
229 19.2 16.3 24.5





#82

Chrysene

Concen: 0.757 ng

RT: 13.79 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

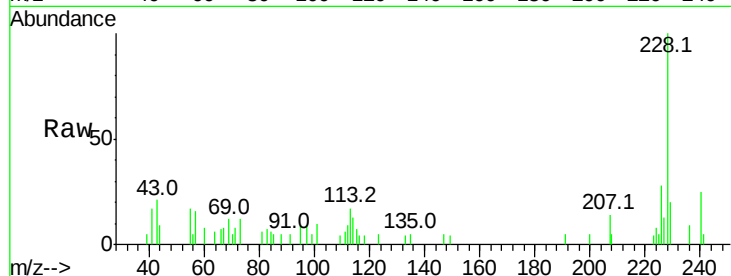
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 8150

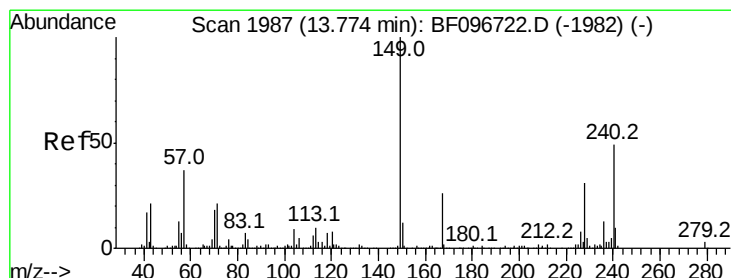
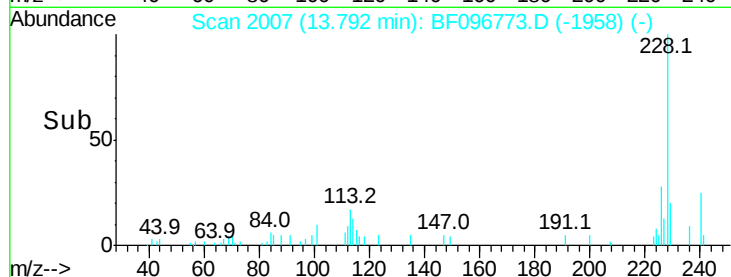
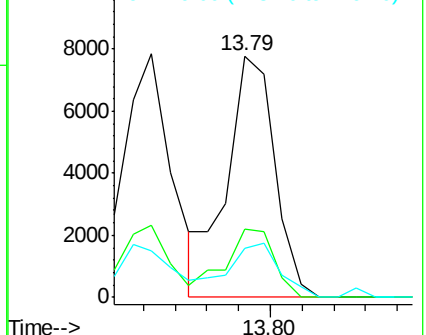
Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.9	37.3
229	20.2	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.179 ng

RT: 13.77 min Scan# 2004

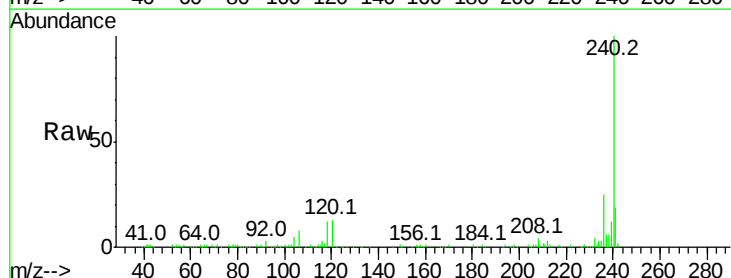
Delta R.T. -0.00 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Tgt Ion:149 Resp: 1648

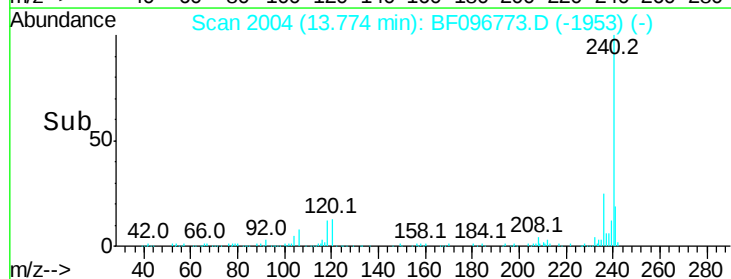
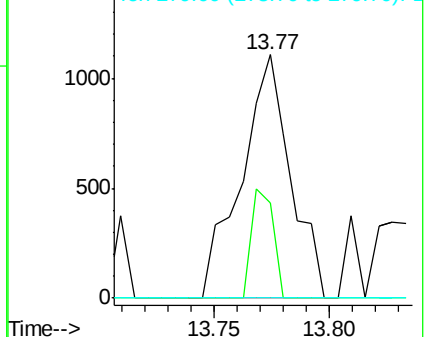
Ion	Ratio	Lower	Upper
149	100		
167	39.3	21.0	31.4#
279	0.0	1.9	2.9#

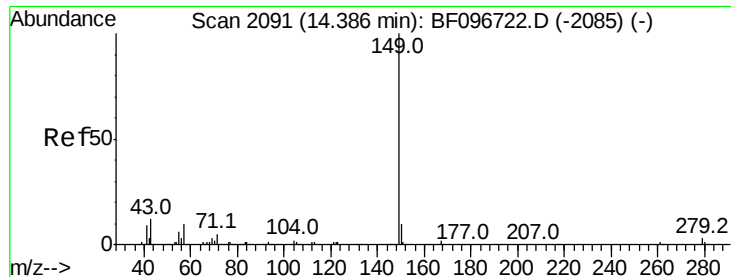


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.071 ng

RT: 14.39 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

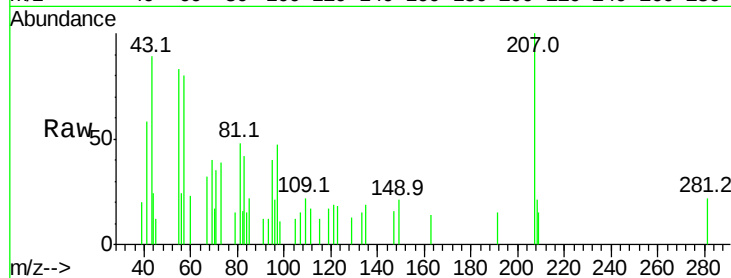
Tot Ion:149 Resp: 1088

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

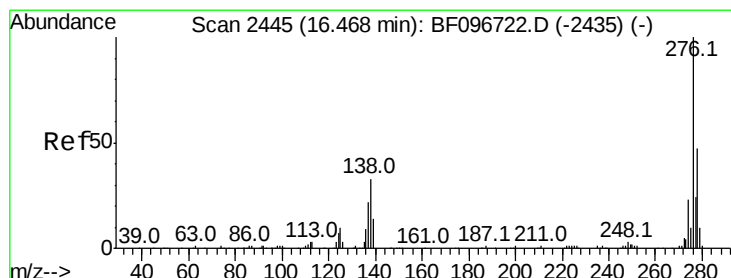
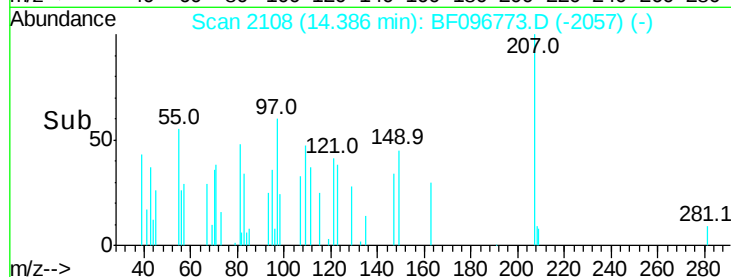
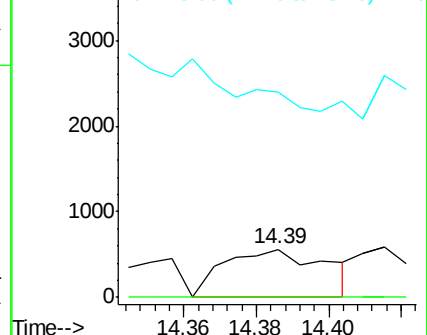
43 0.0 8.5 12.7#



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): BFO



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.987 ng

RT: 16.46 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BF096773.D

Acq: 14 Jul 2017 14:03

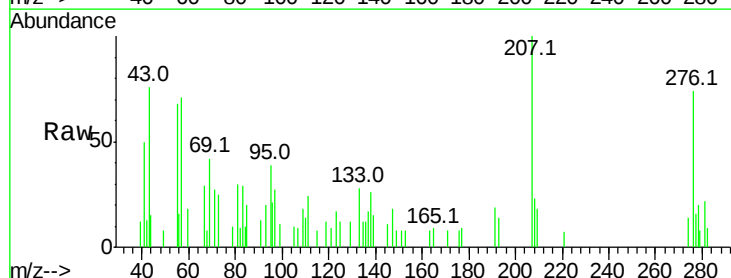
Tgt Ion:276 Resp: 6808

Ion Ratio Lower Upper

276 100

138 44.3 27.8 41.6#

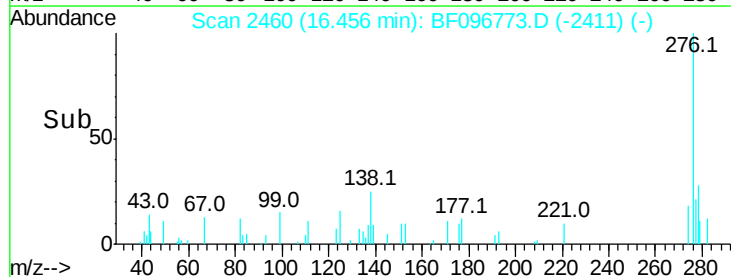
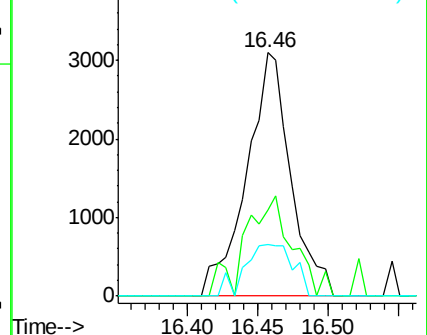
277 23.1 20.2 30.4

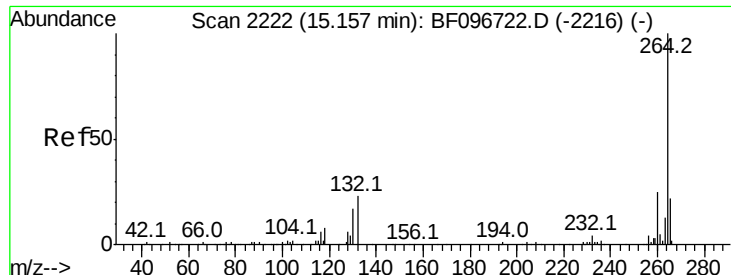


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

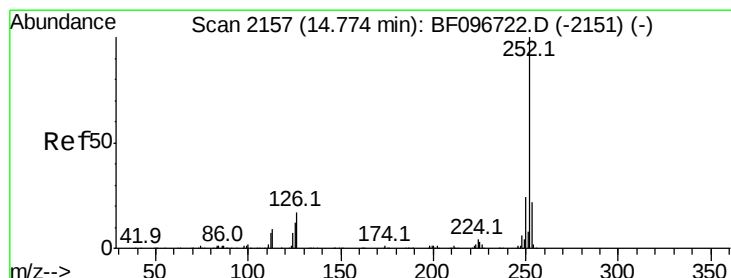
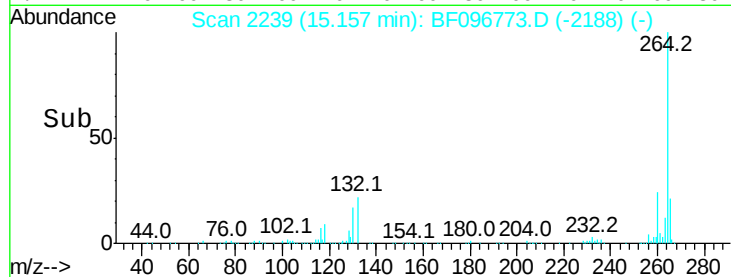
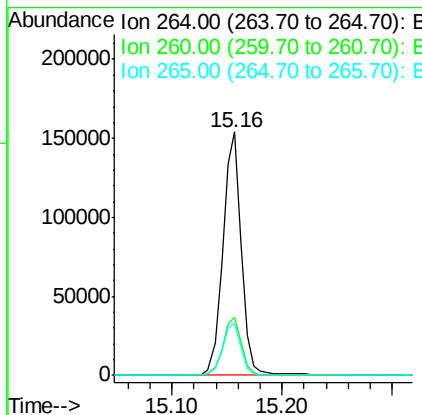
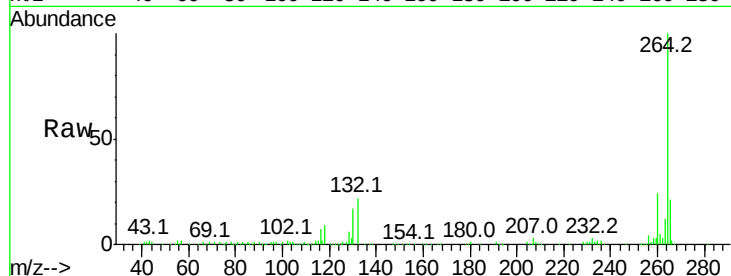




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

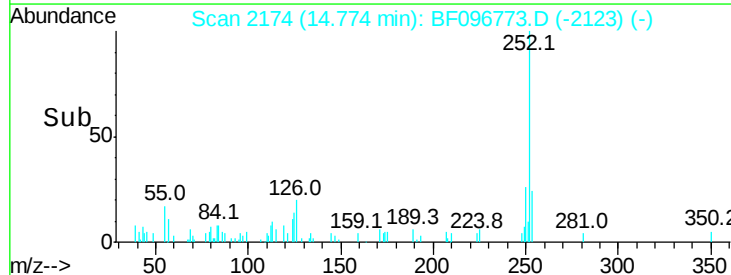
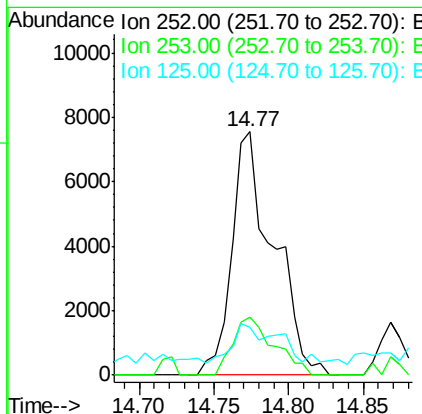
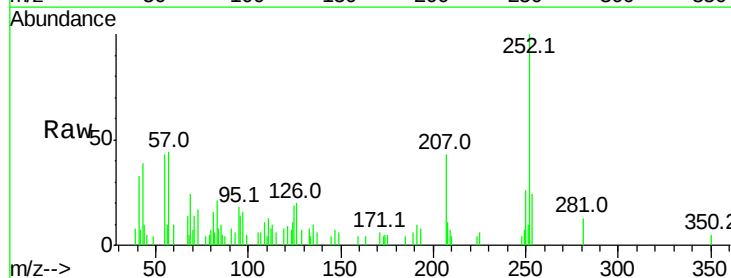
Instrument :
BNA_F
ClientSampleId :

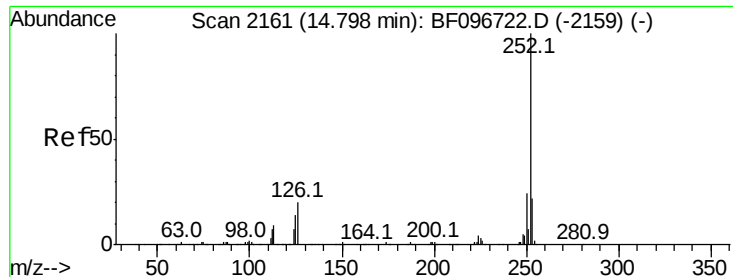
Tot Ion:264 Resp: 179987
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 1.343 ng
RT: 14.77 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:252 Resp: 14577
Ion Ratio Lower Upper
252 100
253 24.1 18.1 27.1
125 19.5 9.8 14.8#

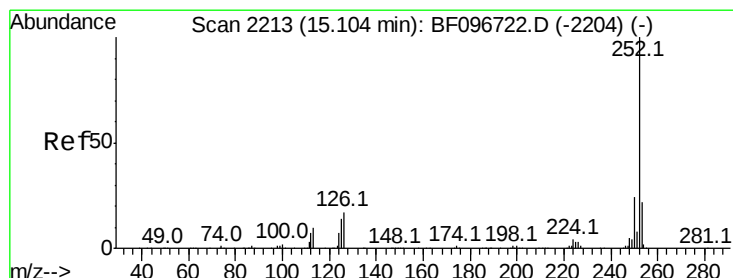
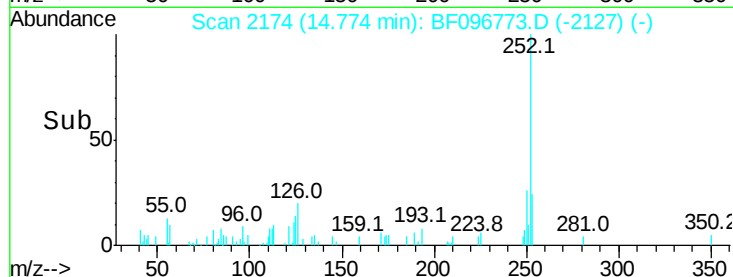
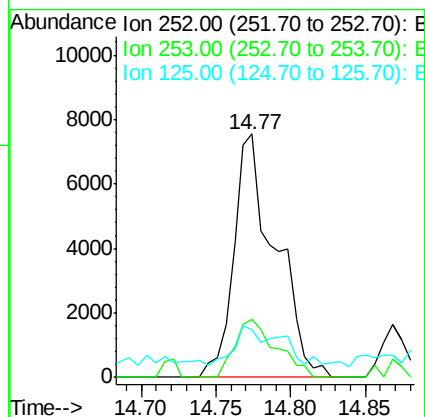
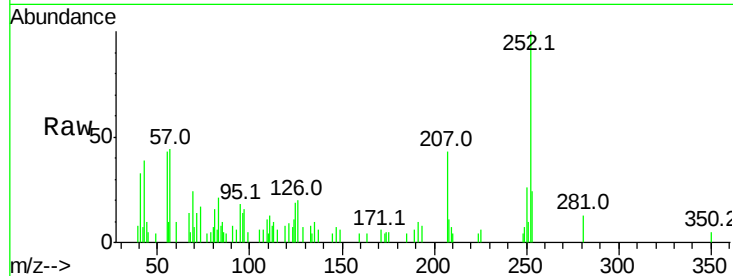




#88
Benzo(k)fluoranthene
Concen: 1.418 ng
RT: 14.77 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

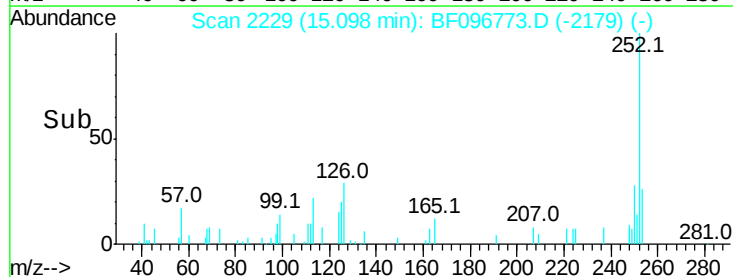
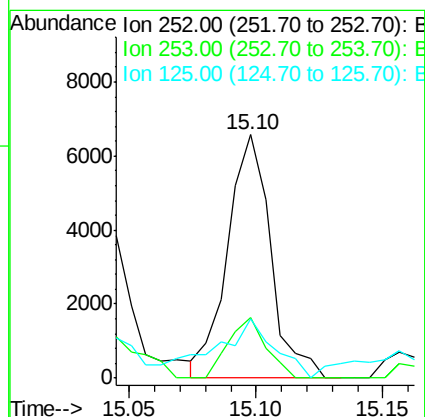
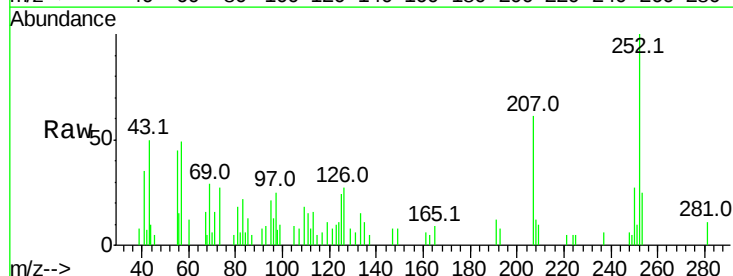
Instrument :
BNA_F
ClientSampleId :

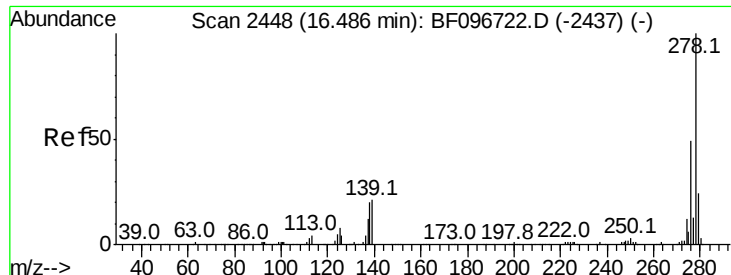
Tot Ion:252 Resp: 14577
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 19.5 13.1 19.7



#89
Benzo(a)pyrene
Concen: 0.780 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:252 Resp: 7762
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 24.2 11.0 16.4#

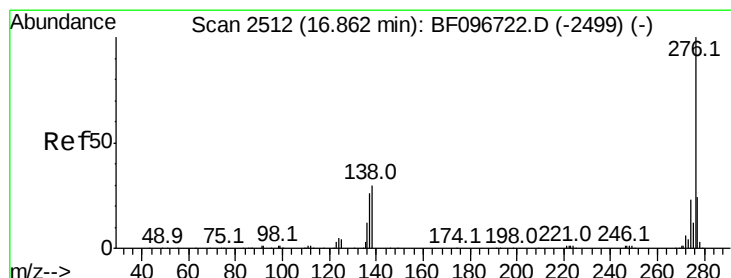
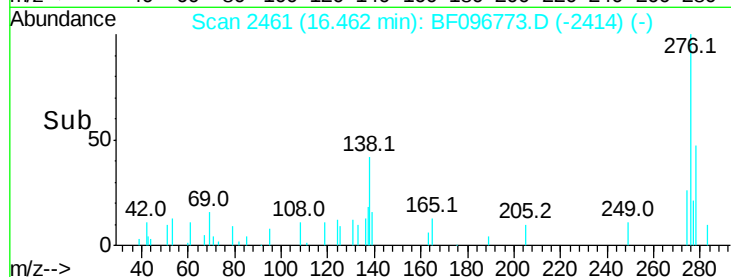
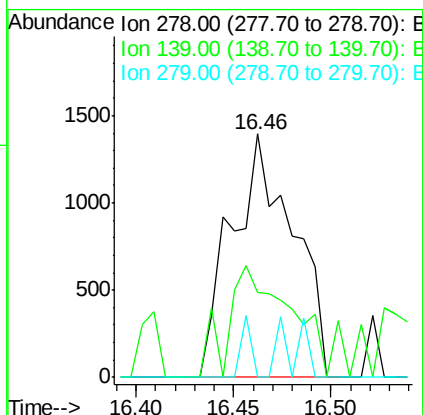
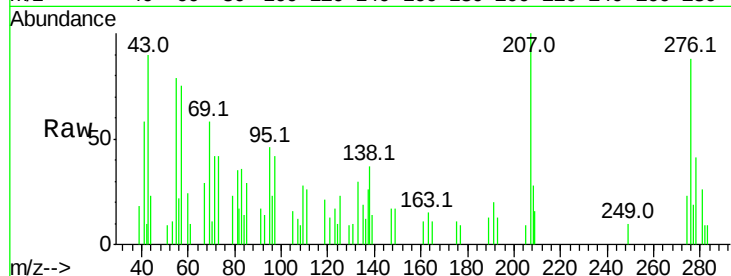




#90
Dibenzo(a,h)anthracene
Concen: 0.332 ng
RT: 16.46 min Scan# 2461
Delta R.T. -0.02 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 3044
Ion Ratio Lower Upper
278 100
139 34.7 16.6 24.8#
279 0.0 19.3 28.9#



#91
Benzo(g,h,i)perylene
Concen: 0.590 ng
RT: 16.85 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:276 Resp: 5790
Ion Ratio Lower Upper
276 100
277 29.4 18.6 28.0#
138 38.9 25.4 38.0#

