

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096668.D
 Acq On : 12 Jul 2017 3:18
 Operator : SJ/JU
 Sample : I4130-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P7-BASE

Quant Time: Jul 12 04:21:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	105366	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	398084	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	174335	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	278413	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	192288	20.00	ng	-0.02
86) Perylene-d12	15.23	264	212605	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	728940	102.11	ng	-0.01
7) Phenol-d6	6.33	99	950588	108.31	ng	-0.02
23) Nitrobenzene-d5	7.25	82	481208	72.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	149477	109.77	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	607495	59.58	ng	-0.02
78) Terphenyl-d14	12.78	244	383352	42.60	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.43	93	433561	38.223	ng	# 52
10) Phenol	6.34	94	23881	2.389	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	433561	56.113	ng	93
13) 1,4-Dichlorobenzene	6.70	146	53880	6.753	ng	96
14) 1,2-Dichlorobenzene	6.86	146	141390	19.302	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	438223	27.898	ng	94
17) 2-Methylphenol	7.10	107	25532	4.208	ng	# 81
19) n-Nitroso-di-n-propylamine	7.25	70	72492	13.865	ng	# 87
20) 3+4-Methylphenols	7.10	107	25532	3.773	ng	# 65
22) Acetophenone	7.09	105	21424	2.463	ng	# 53
25) Isophorone	7.25	82	476942	37.132	ng	# 67
27) 2,4-Dimethylphenol	7.63	122	100719	16.081	ng	95
31) Naphthalene	7.99	128	585431	31.151	ng	100
32) Benzoic acid	7.76	122	141831	26.962	ng	# 11
35) Caprolactam	8.41	113	9993	5.363	ng	# 1
37) 2-Methylnaphthalene	8.69	142	988555	82.635	ng	99
45) 1,1'-Biphenyl	9.15	154	95340	6.383	ng	99
49) Dimethylphthalate	9.44	163	152726	11.735	ng	# 92
51) Acenaphthene	9.75	154	107166	9.856	ng	97
54) Dibenzofuran	9.92	168	65519	4.564	ng	# 47
55) 4-Nitrophenol	9.97	139	15215	5.114	ng	78
56) 2,4-Dinitrotoluene	9.93	165	18146	4.979	ng	# 42
57) Fluorene	10.26	166	82302	8.118	ng	# 88
65) n-Nitrosodiphenylamine	10.38	169	100586	10.297	ng	# 49
66) 4-Bromophenyl-phenylether	10.50	248	9412	3.473	ng	# 1
70) Phenanthrene	11.22	178	222415	14.778	ng	99
71) Anthracene	11.22	178	222415	14.502	ng	99
74) Fluoranthene	12.40	202	114226	7.741	ng	99
77) Pyrene	12.63	202	114063	7.390	ng	97
80) Benzo(a)anthracene	13.82	228	33055	2.969	ng	# 94
82) Chrysene	13.85	228	33314	2.857	ng	# 93
87) Benzo(b)fluoranthene	14.83	252	45654	3.427	ng	# 86
88) Benzo(k)fluoranthene	14.83	252	45654	3.831	ng	# 90
89) Benzo(a)pyrene	15.16	252	25885	2.176	ng	# 80

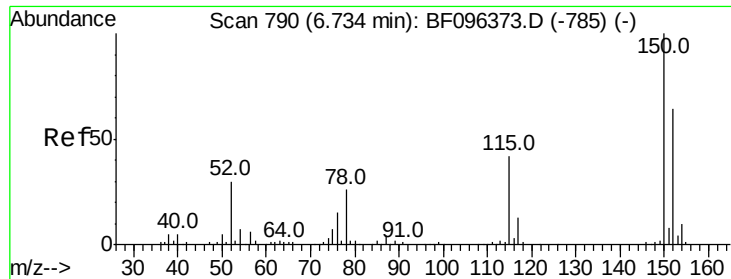
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
Data File : BF096668.D
Acq On : 12 Jul 2017 3:18
Operator : SJ/JU
Sample : I4130-04
Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

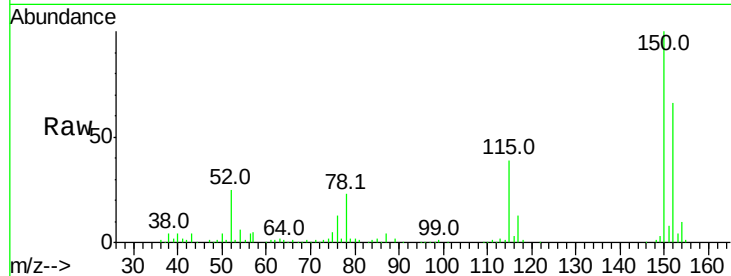


#1

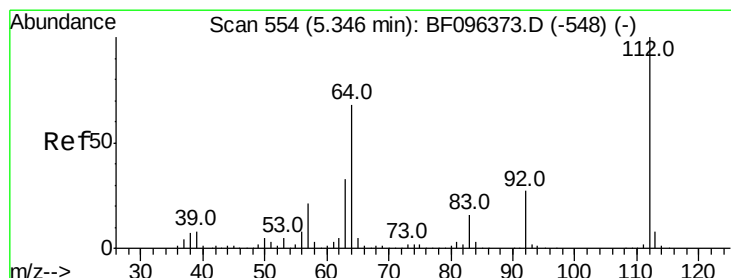
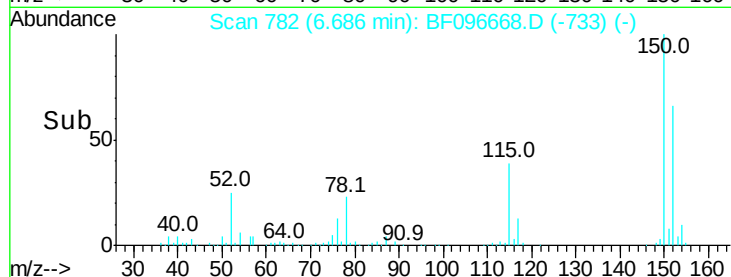
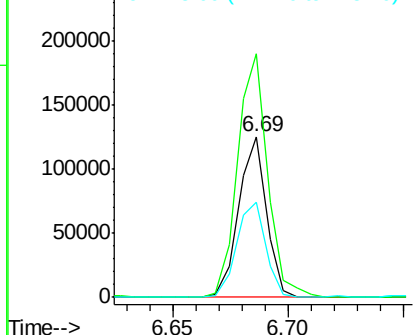
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

Instrument :
BNA_F
ClientSampleId :
E2-P7-BASE

Tot Ion:152 Resp: 105366
Ion Ratio Lower Upper
152 100
150 151.3 126.2 189.2
115 59.4 52.2 78.2



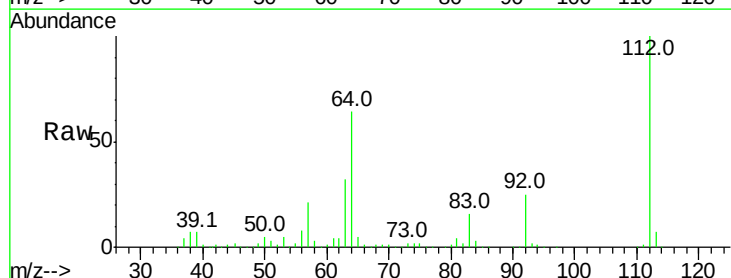
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



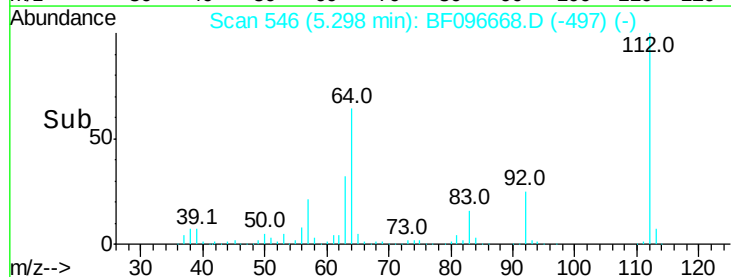
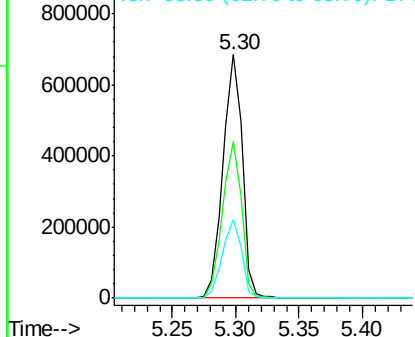
#5

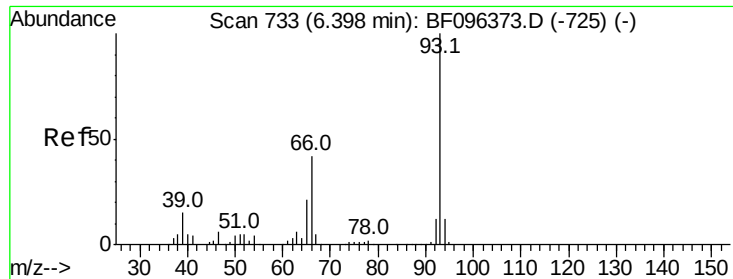
2-Fluorophenol
Concen: 102.110 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

Tgt Ion:112 Resp: 728940
Ion Ratio Lower Upper
112 100
64 64.1 46.0 69.0
63 32.5 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: 38.223 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.06 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

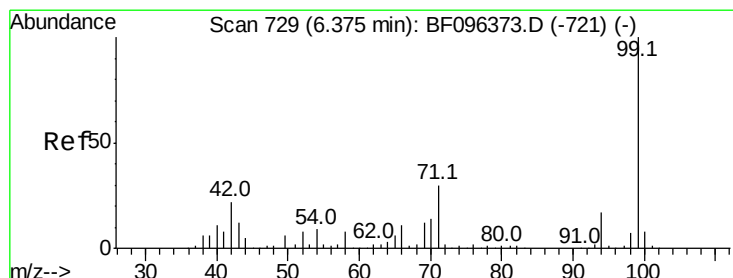
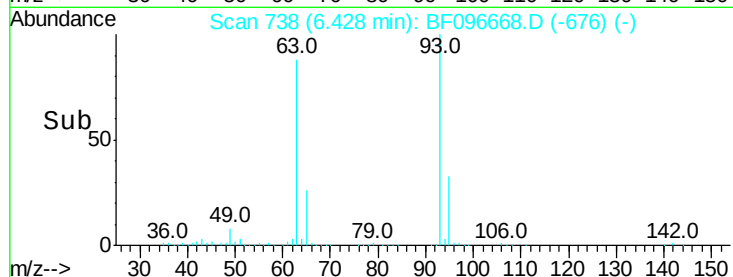
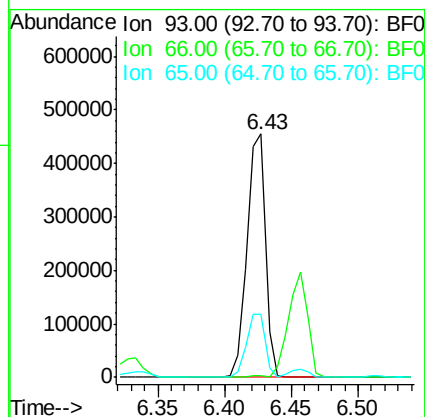
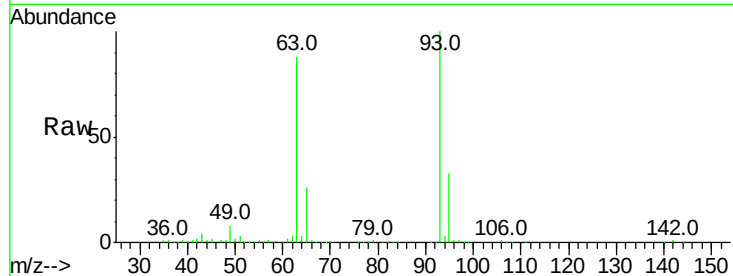
Tot Ion: 93 Resp: 433561

Ion Ratio Lower Upper

93 100

66 0.5 32.9 49.3#

65 25.8 16.0 24.0#



#7

Phenol-d6

Concen: 108.315 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

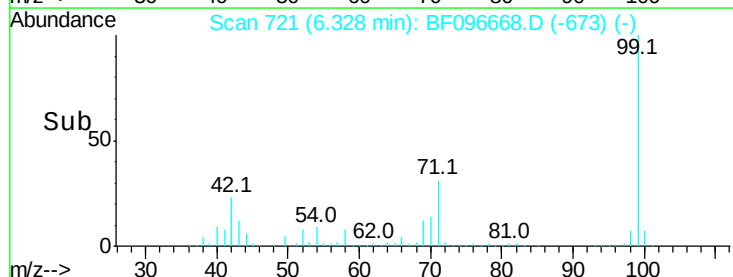
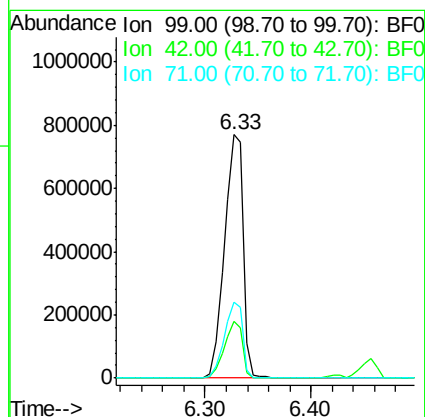
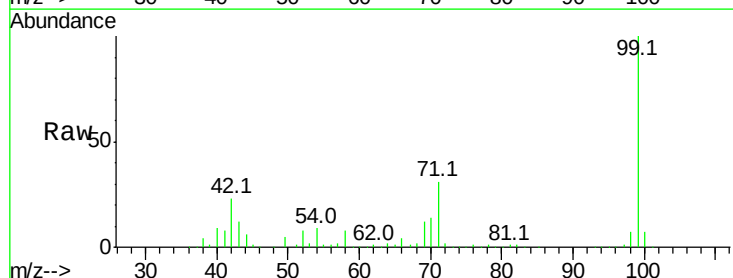
Tgt Ion: 99 Resp: 950588

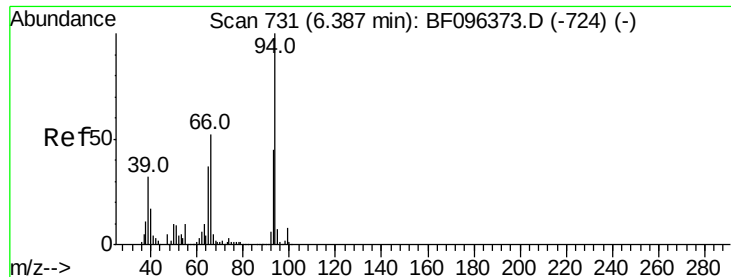
Ion Ratio Lower Upper

99 100

42 23.1 13.5 20.3#

71 31.4 24.5 36.7





#10

Phenol

Concen: 2.389 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

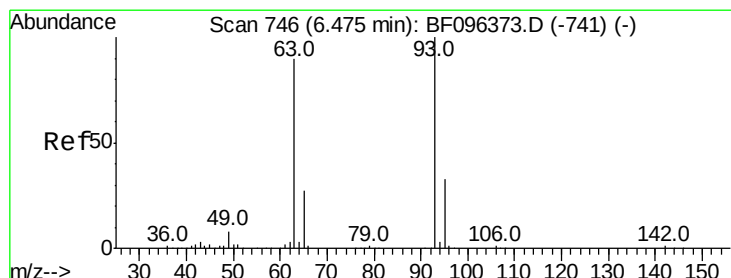
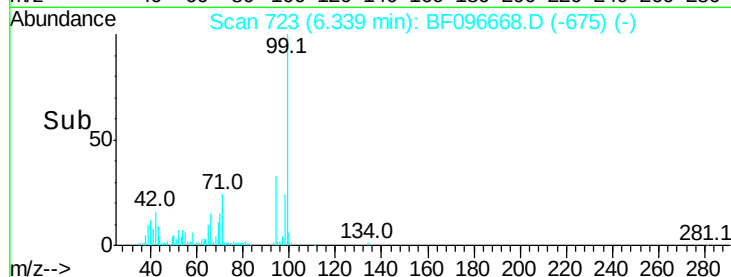
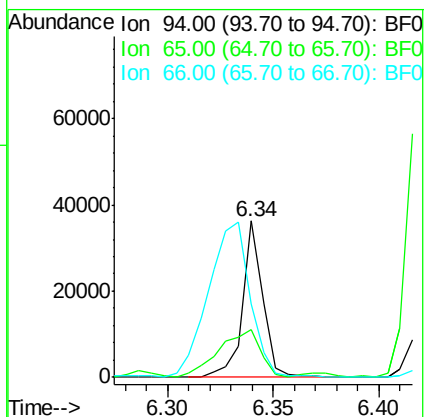
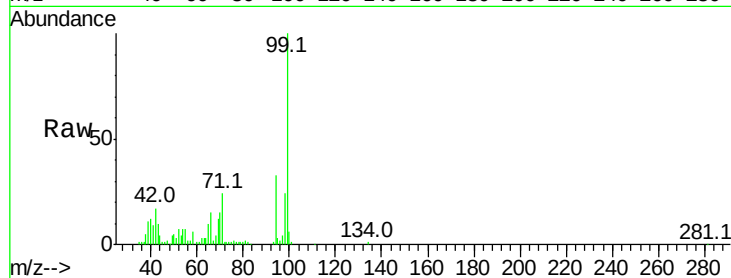
Tot Ion: 94 Resp: 23881

Ion Ratio Lower Upper

94 100

65 30.9 9.9 49.9

66 47.0 23.1 63.1



#11

bis(2-Chloroethyl)ether

Concen: 56.113 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

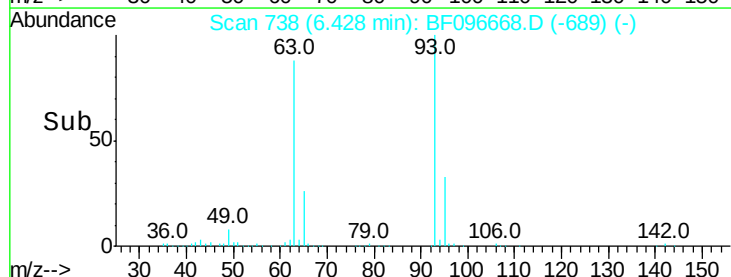
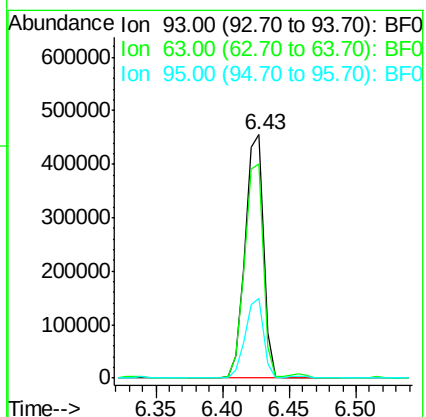
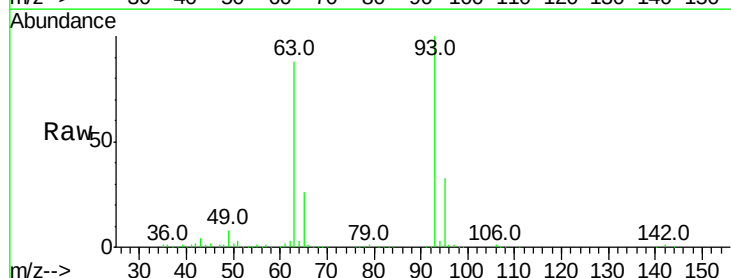
Tgt Ion: 93 Resp: 433561

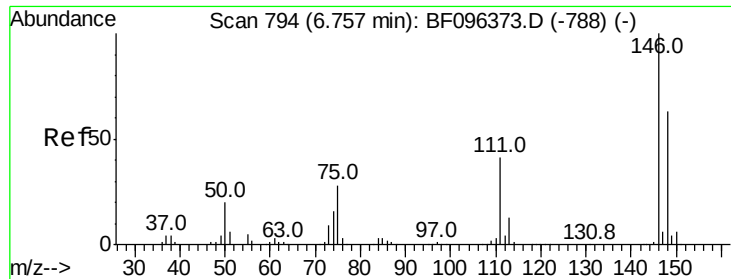
Ion Ratio Lower Upper

93 100

63 87.9 59.2 99.2

95 32.7 12.8 52.8

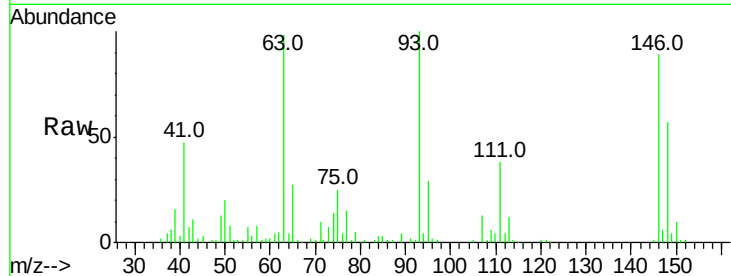




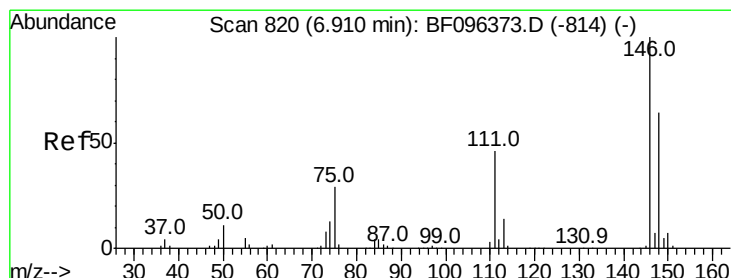
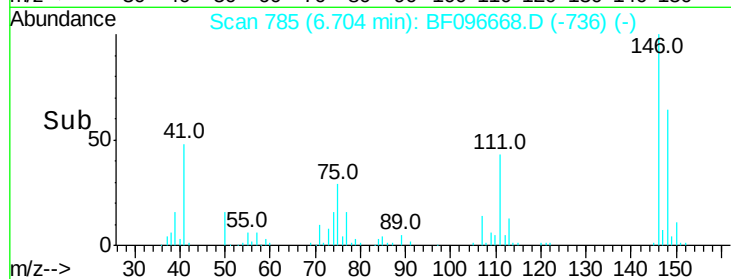
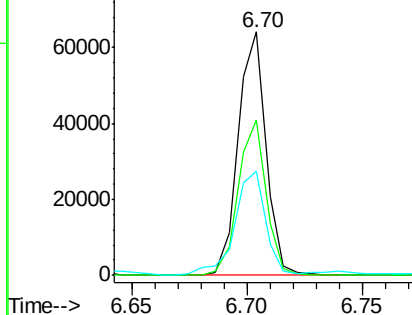
#13
 1,4-Dichlorobenzene
 Concen: 6.753 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096668.D
 Acq: 12 Jul 2017 3:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-P7-BASE

Tot Ion:146 Resp: 53880
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 42.9 30.3 45.5

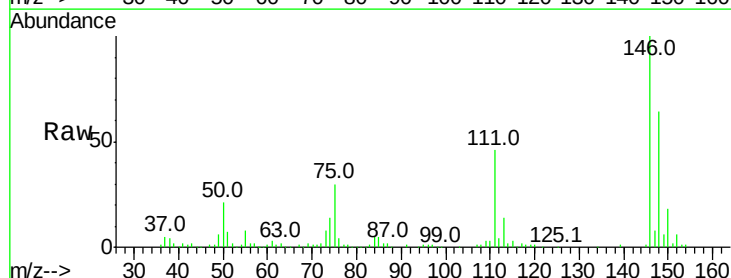


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

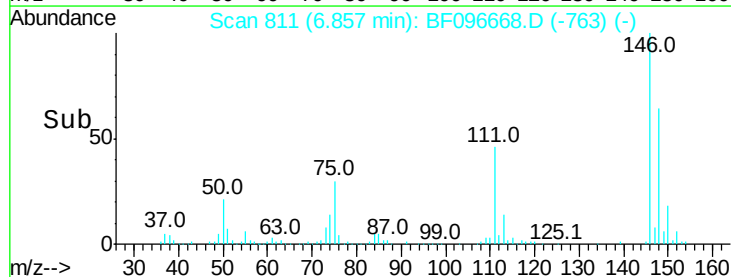
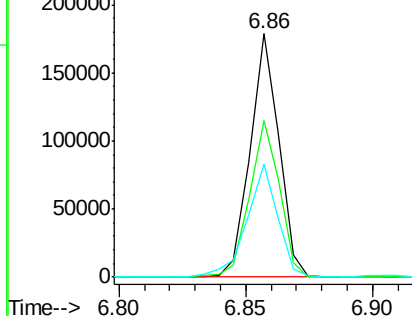


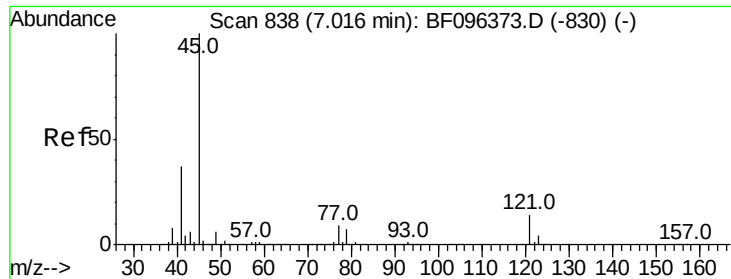
#14
 1,2-Dichlorobenzene
 Concen: 19.302 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF096668.D
 Acq: 12 Jul 2017 3:18

Tgt Ion:146 Resp: 141390
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 46.3 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

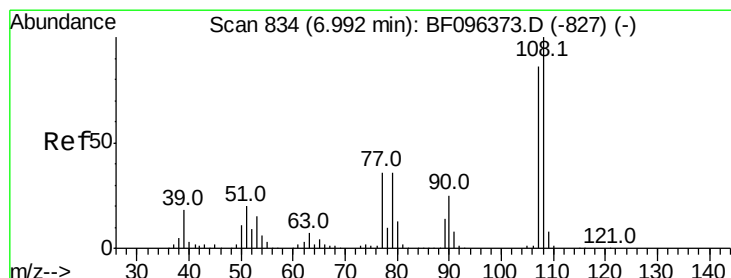
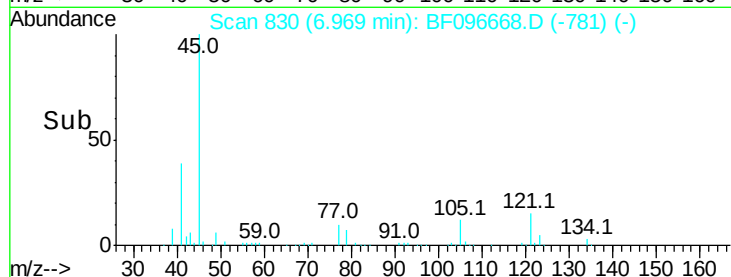
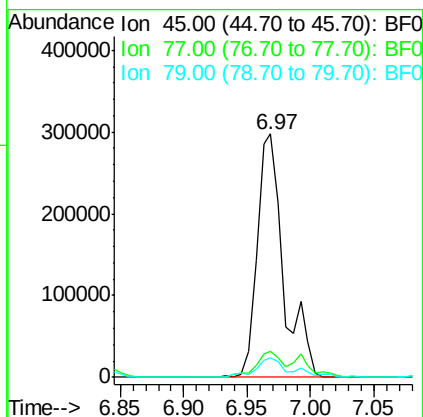
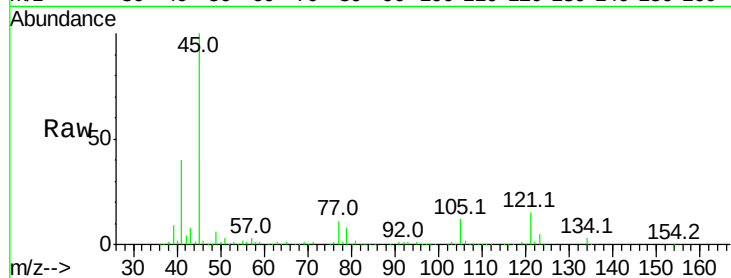




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 27.898 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

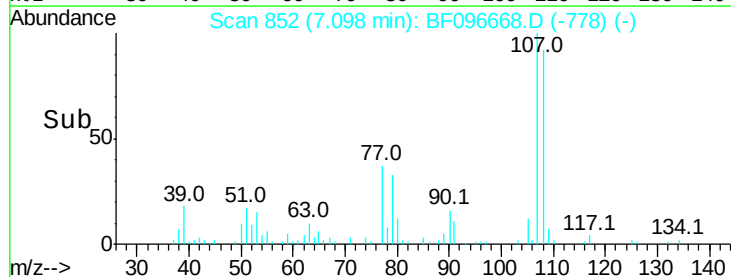
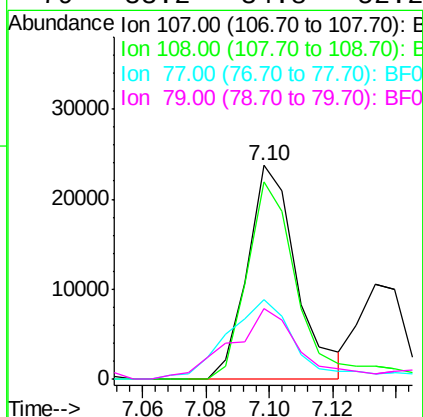
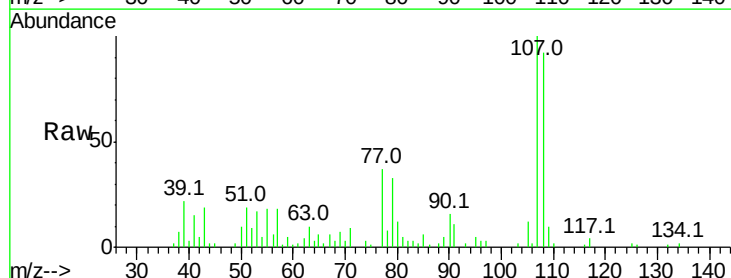
Instrument :
BNA_F
ClientSampleId :
E2-P7-BASE

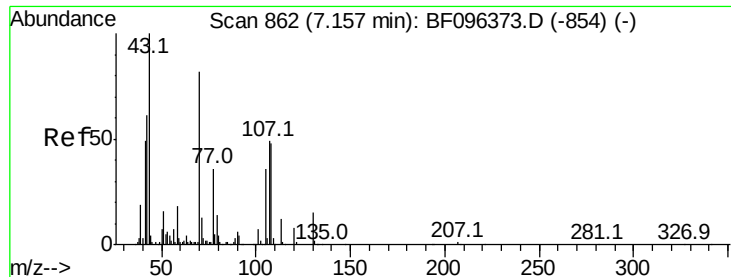
Tot Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	33.2
79	8.0	0.0	30.0



#17
2-Methylphenol
Concen: 4.208 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.14 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	93.4	140.0#
77	37.1	35.8	53.6
79	33.2	34.8	52.2#

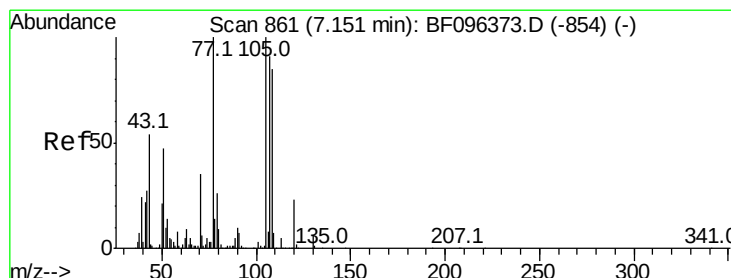
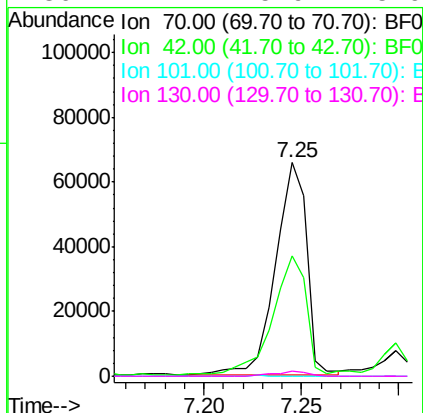
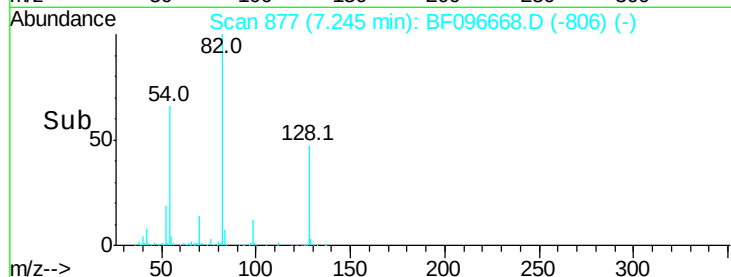
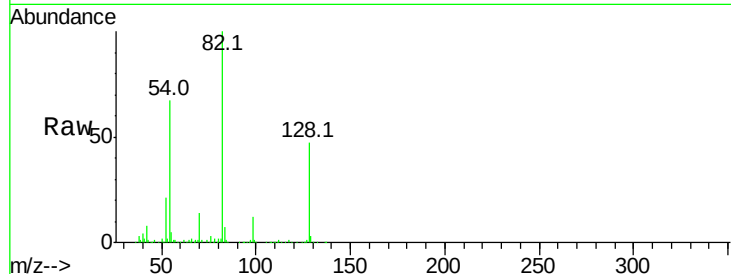




#19
n-Nitroso-di-n-propylamine
Concen: 13.865 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

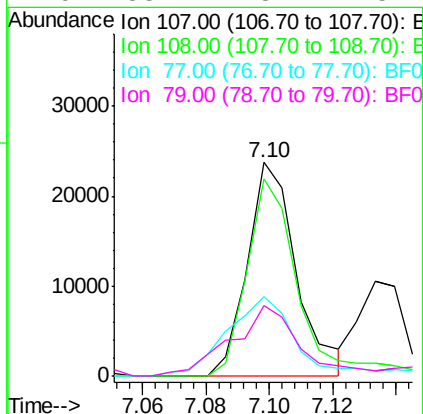
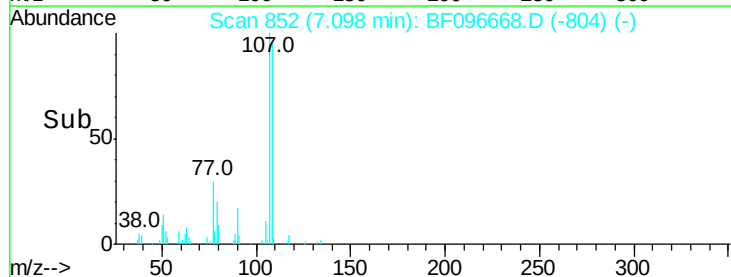
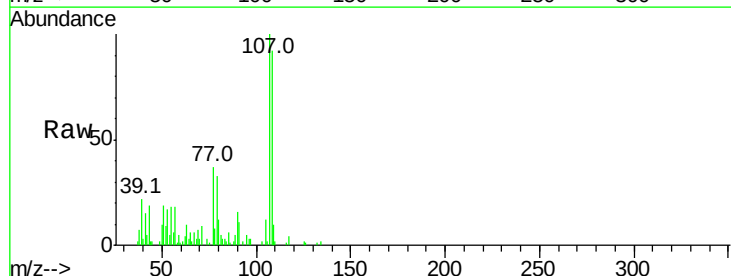
Instrument :
BNA_F
ClientSampleId :
E2-P7-BASE

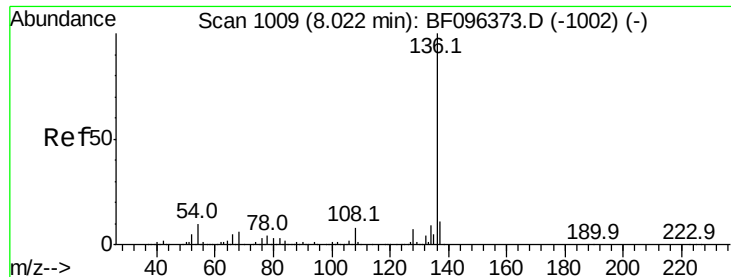
Tot Ion: 70 Resp: 72492
Ion Ratio Lower Upper
70 100
42 56.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#20
3+4-Methylphenols
Concen: 3.773 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

Tgt Ion: 107 Resp: 25532
Ion Ratio Lower Upper
107 100
108 92.2 71.0 111.0
77 37.1 90.5 130.5#
79 33.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

Tot Ion:136 Resp: 398084

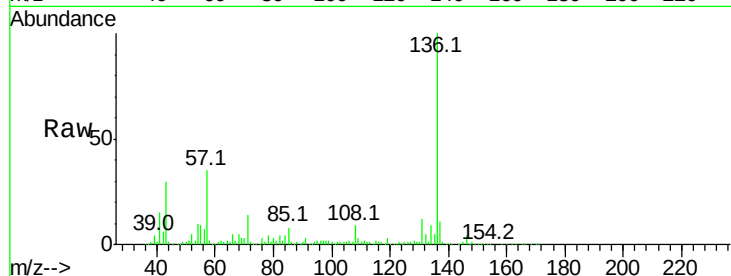
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.3 4.9 7.3#

68 5.5 4.1 6.1

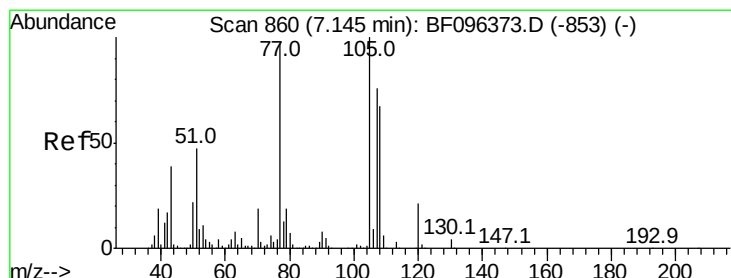
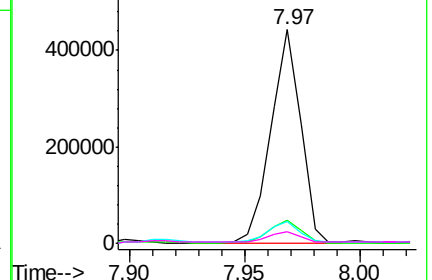
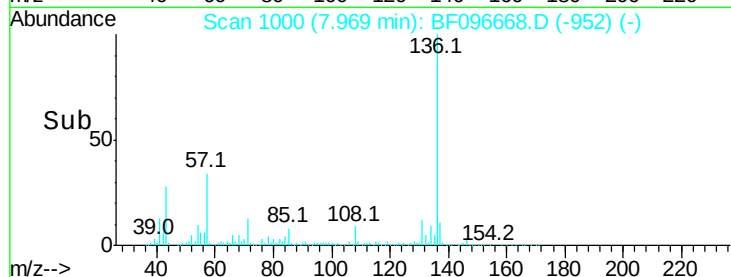


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.463 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Tgt Ion:105 Resp: 21424

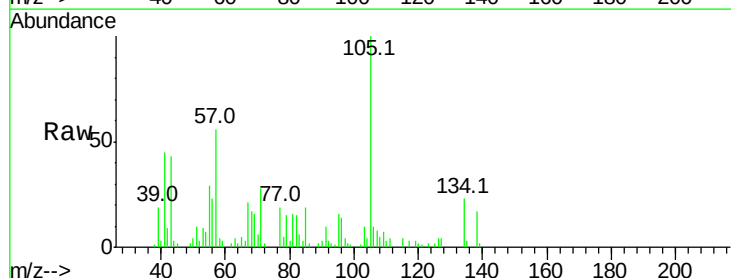
Ion Ratio Lower Upper

105 100

71 28.0 2.8 4.2#

51 9.6 30.7 46.1#

120 1.7 17.4 26.0#

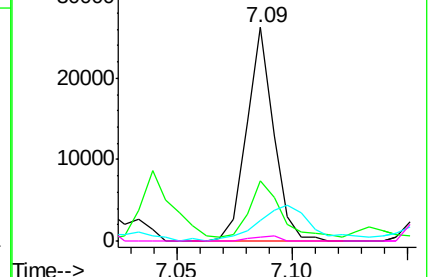
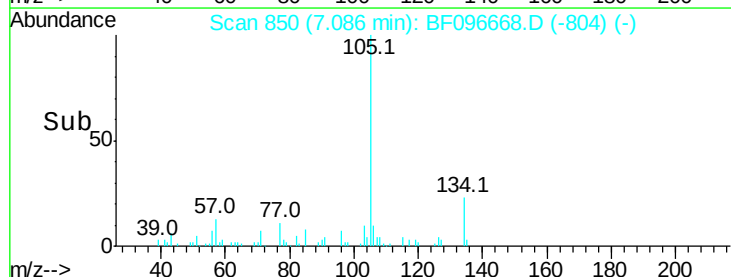


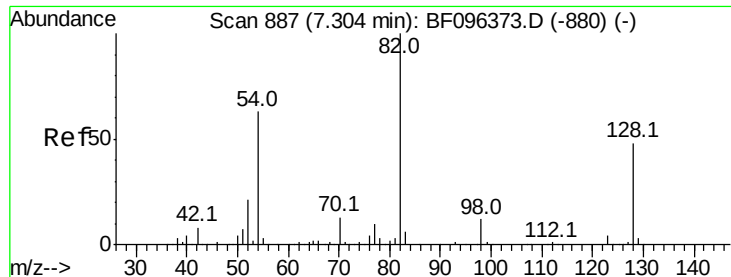
Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.638 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

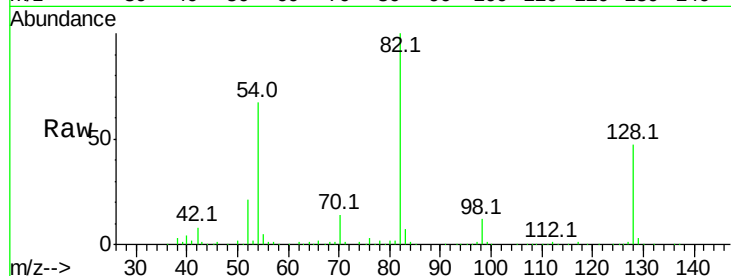
Tot Ion: 82 Resp: 481208

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

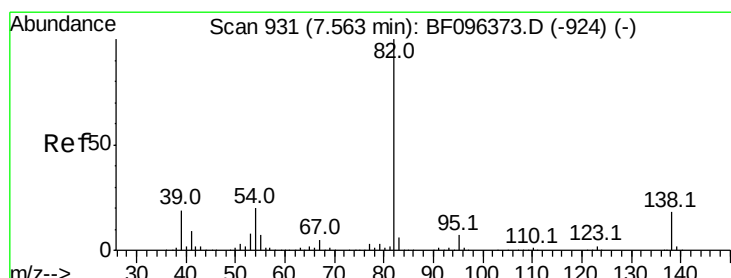
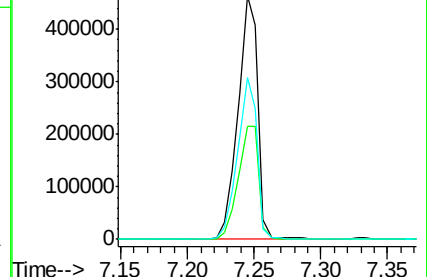
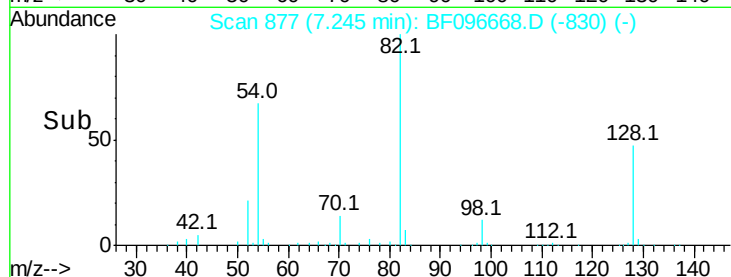
54 66.6 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 37.132 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.28 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

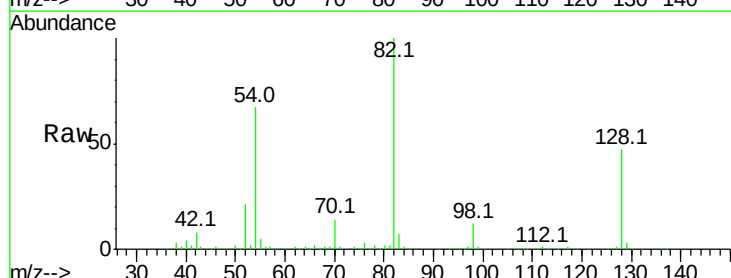
Tgt Ion: 82 Resp: 476942

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

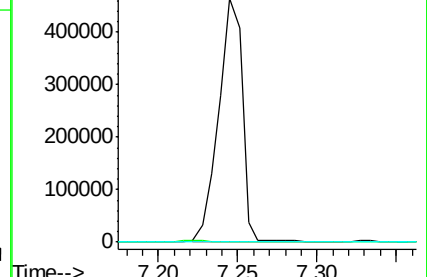
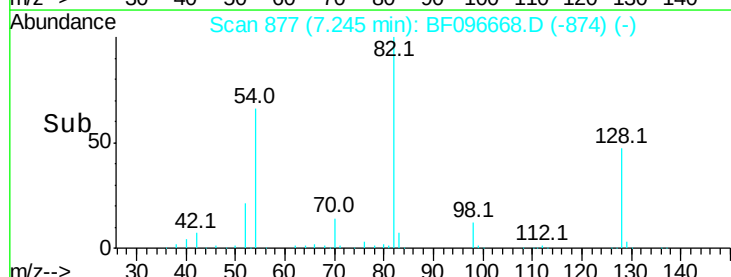
138 0.0 13.1 19.7#

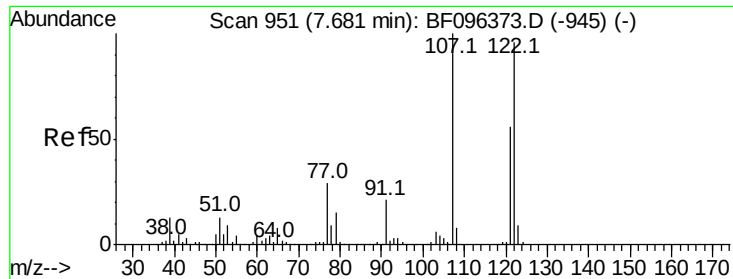


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#27

2,4-Dimethylphenol

Concen: 16.081 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

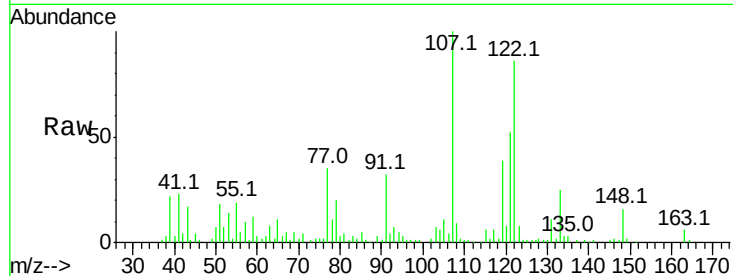
Tot Ion:122 Resp: 100719

Ion Ratio Lower Upper

122 100

107 116.8 89.2 133.8

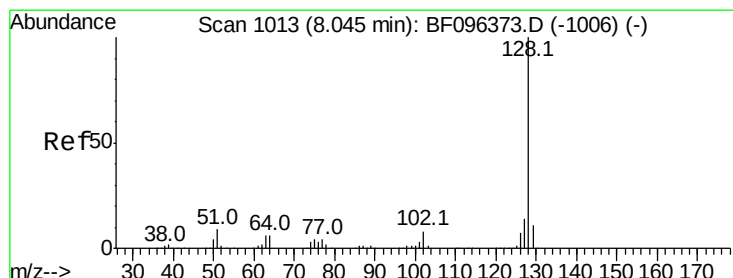
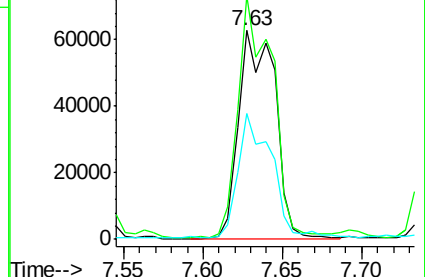
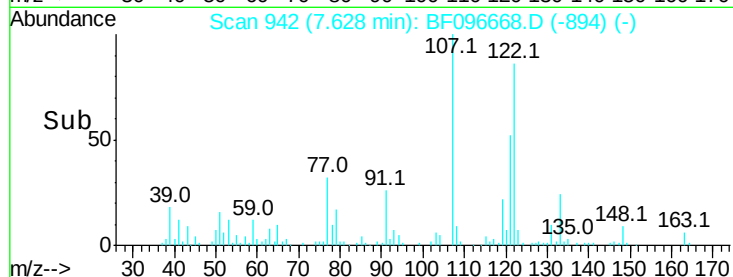
121 60.5 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 31.151 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

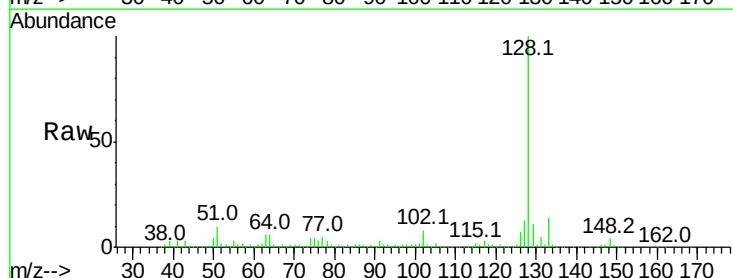
Tgt Ion:128 Resp: 585431

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

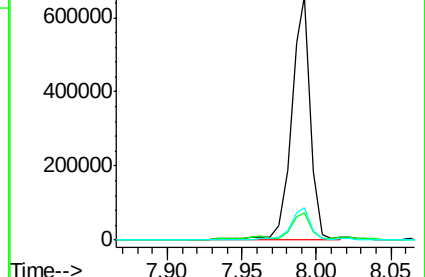
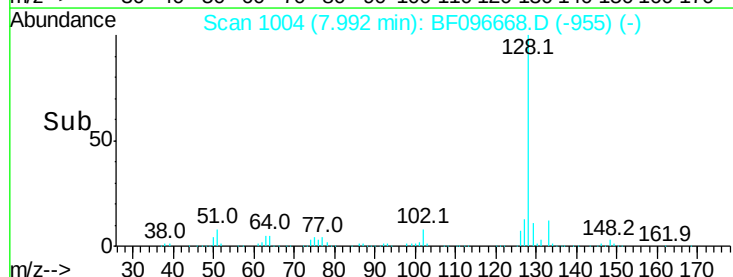
127 13.5 10.8 16.2

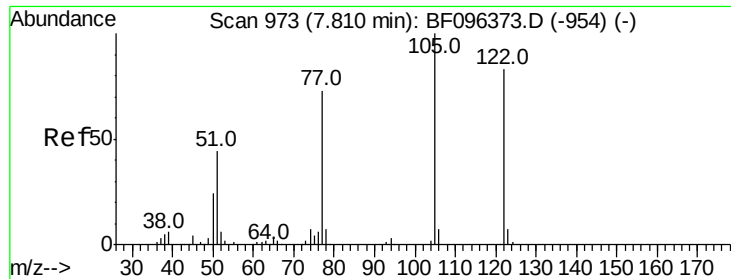


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 26.962 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

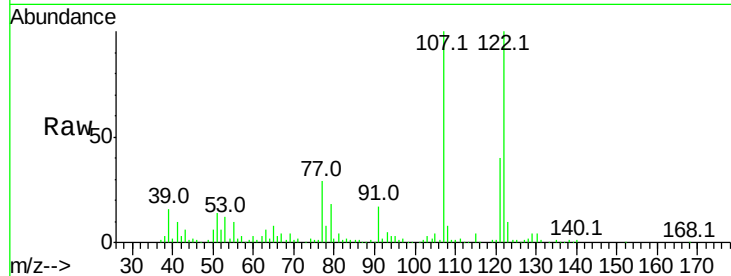
Tot Ion:122 Resp: 141831

Ion Ratio Lower Upper

122 100

105 3.6 103.3 143.3#

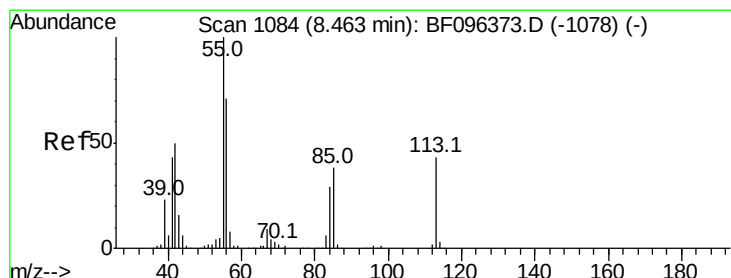
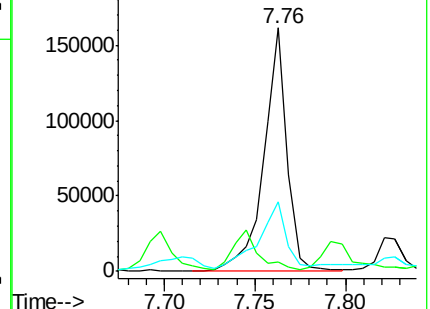
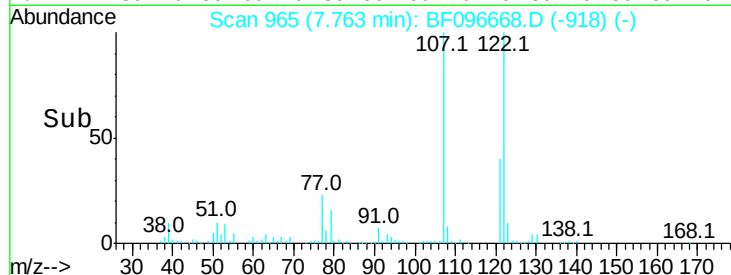
77 28.7 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 5.363 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

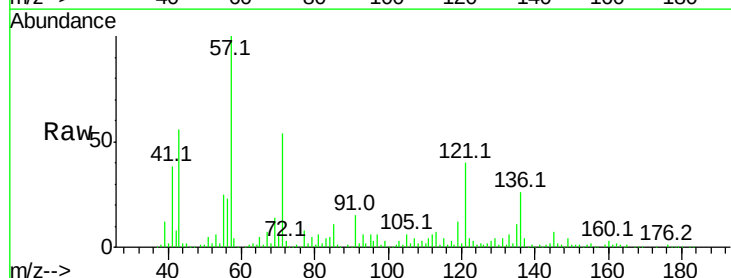
Tgt Ion:113 Resp: 9993

Ion Ratio Lower Upper

113 100

55 364.1 150.2 190.2#

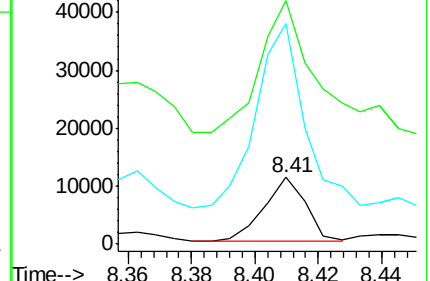
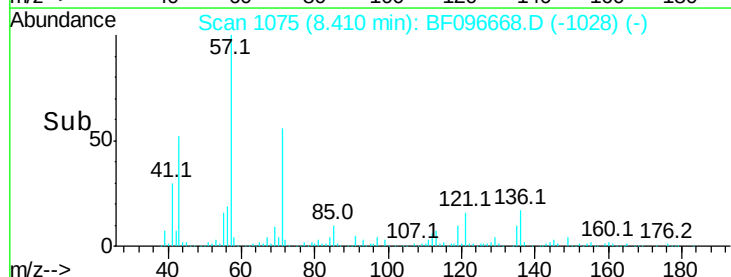
56 329.0 107.8 147.8#

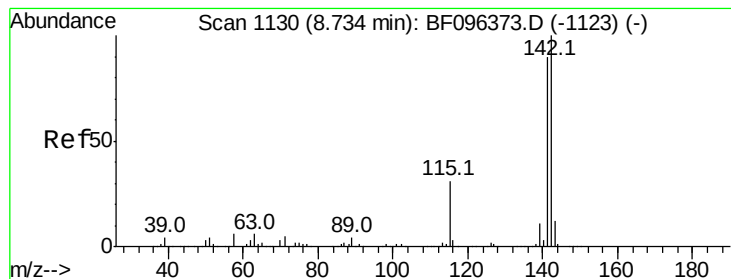


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#37

2-Methylnaphthalene

Concen: 82.635 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

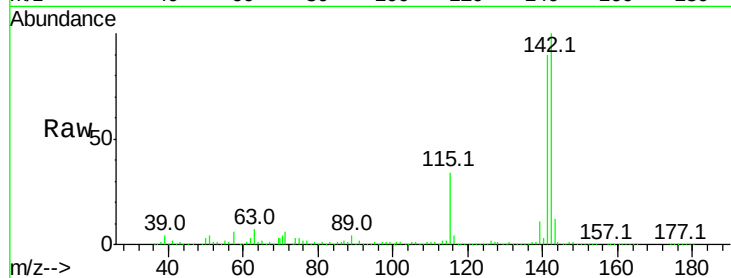
Tot Ion:142 Resp: 988555

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

115 33.6 27.1 40.7



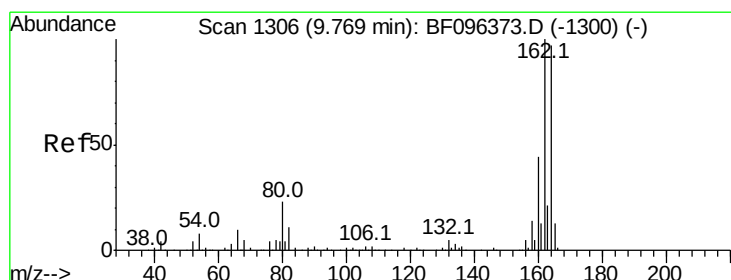
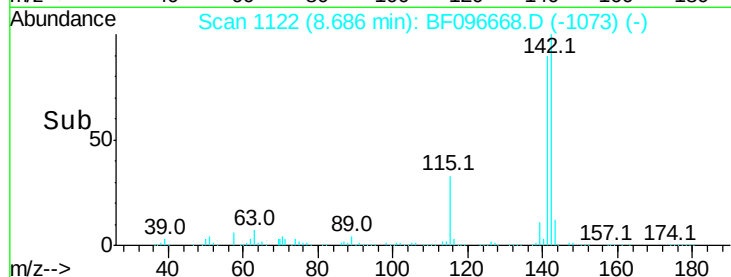
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.69

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

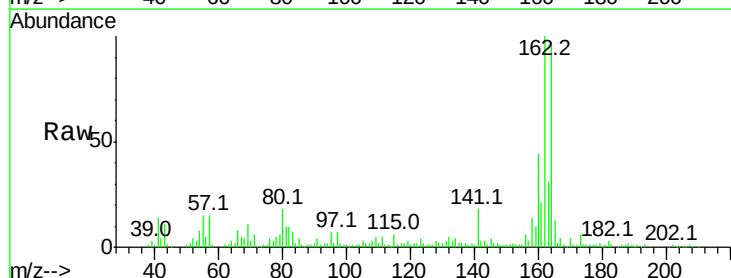
Tgt Ion:164 Resp: 174335

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 45.1 36.2 54.2



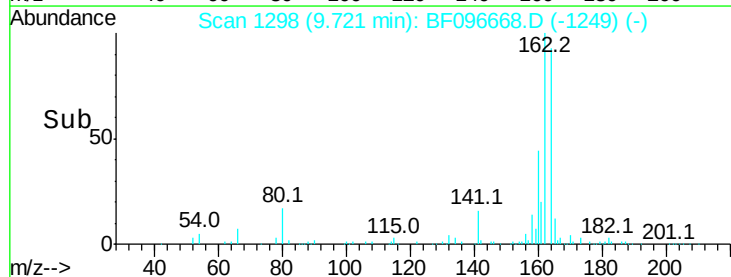
Abundance Ion 164.00 (163.70 to 164.70): E

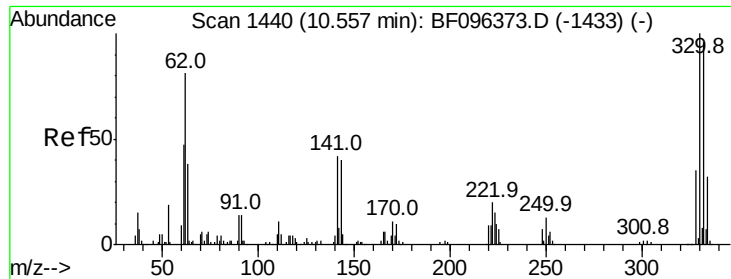
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.72

Time-->

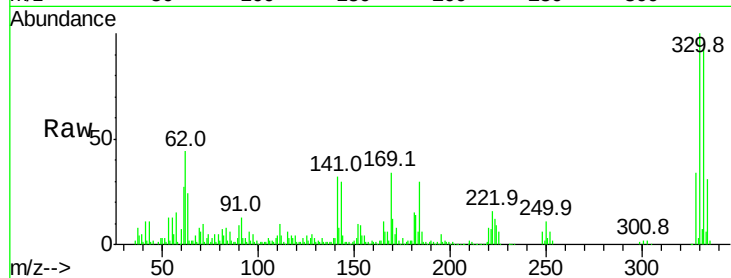




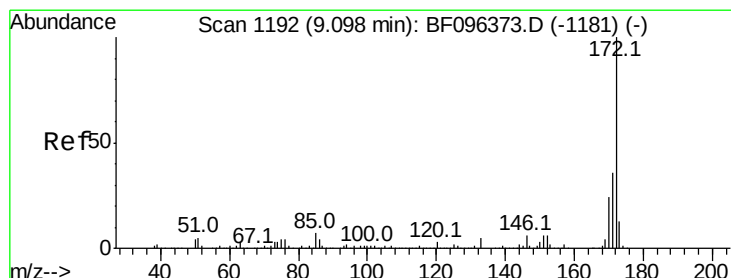
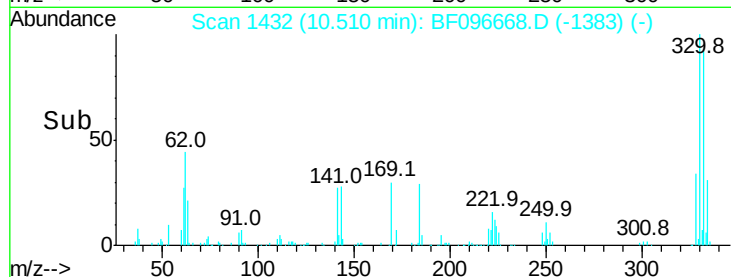
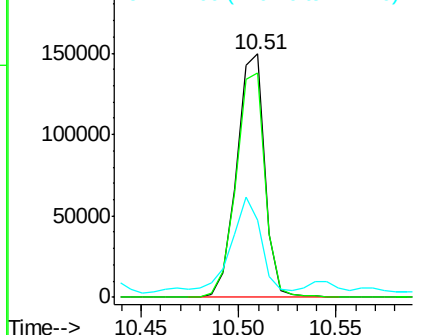
#41
 2,4,6-Tribromophenol
 Concen: 109.767 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096668.D
 Acq: 12 Jul 2017 3:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-P7-BASE

Tot Ion:330 Resp: 149477
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 43.5 31.4 47.2

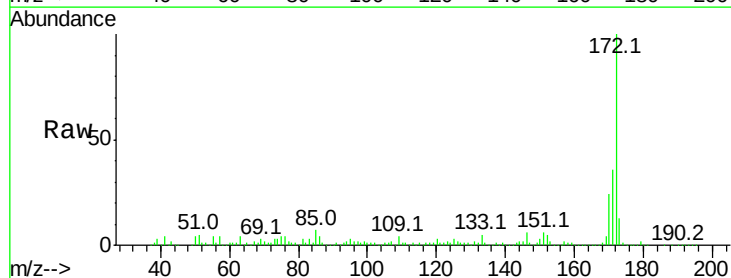


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

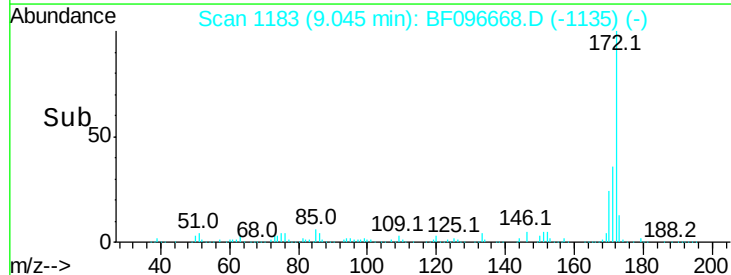
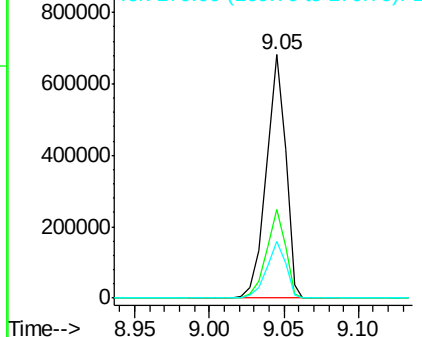


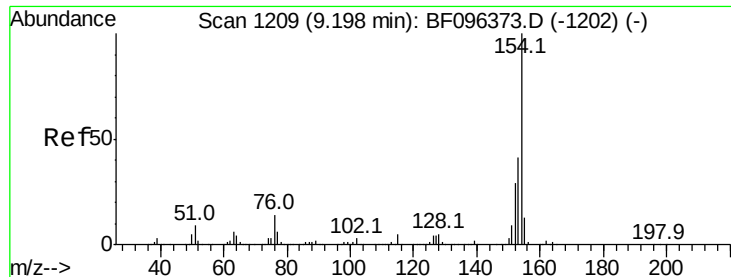
#44
 2-Fluorobiphenyl
 Concen: 59.579 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096668.D
 Acq: 12 Jul 2017 3:18

Tgt Ion:172 Resp: 607495
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.5 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: 6.383 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

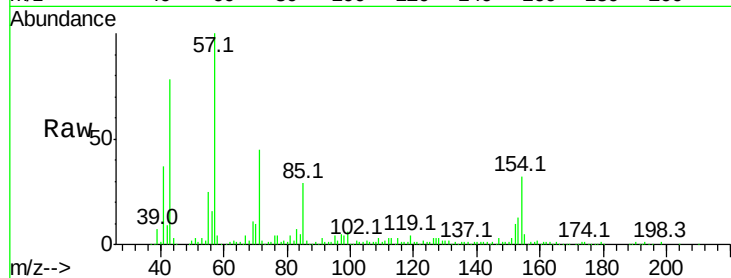
Tot Ion:154 Resp: 95340

Ion Ratio Lower Upper

154 100

153 41.8 21.2 61.2

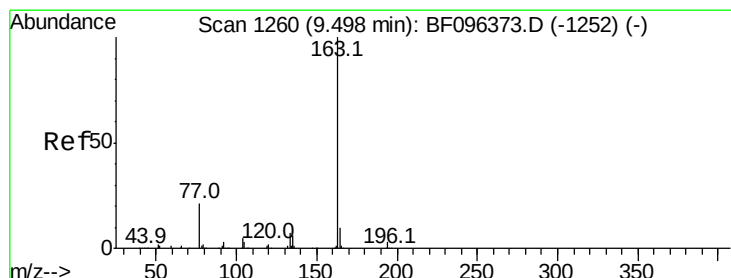
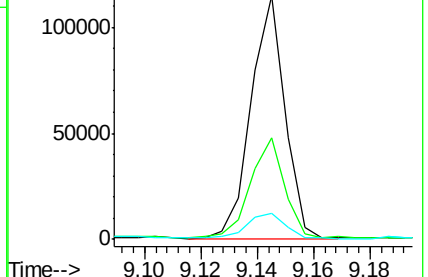
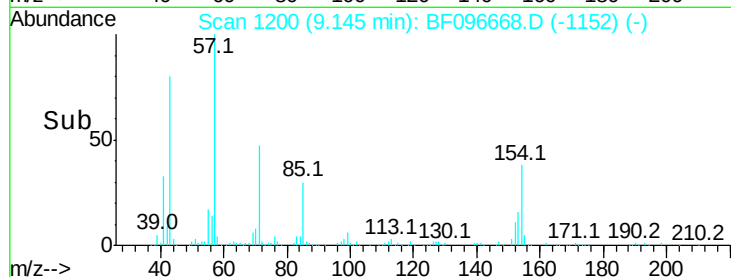
76 10.9 0.0 29.9



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



#49

Dimethylphthalate

Concen: 11.735 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

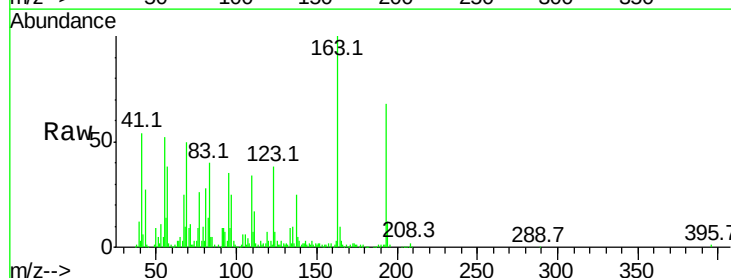
Tgt Ion:163 Resp: 152726

Ion Ratio Lower Upper

163 100

194 12.4 2.6 4.0#

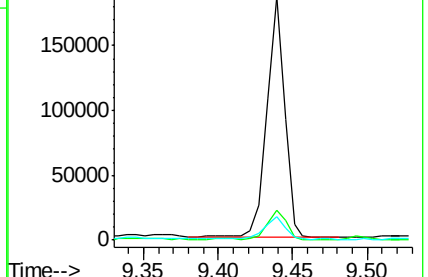
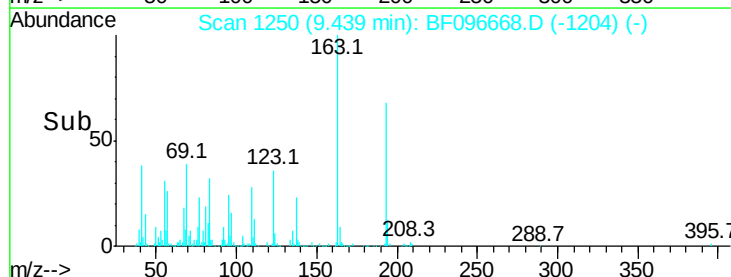
164 9.8 8.4 12.6

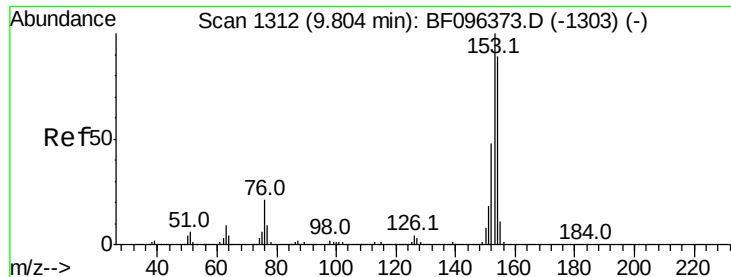


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 9.856 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

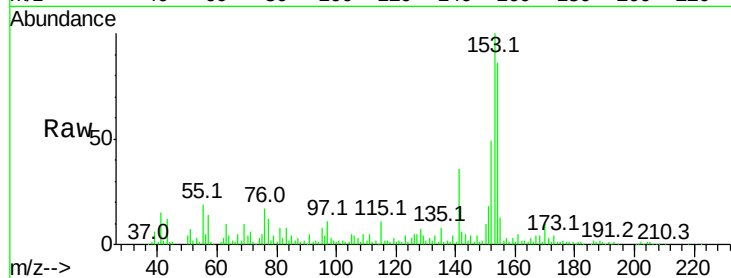
Tot Ion:154 Resp: 107166

Ion Ratio Lower Upper

154 100

153 116.5 90.5 135.7

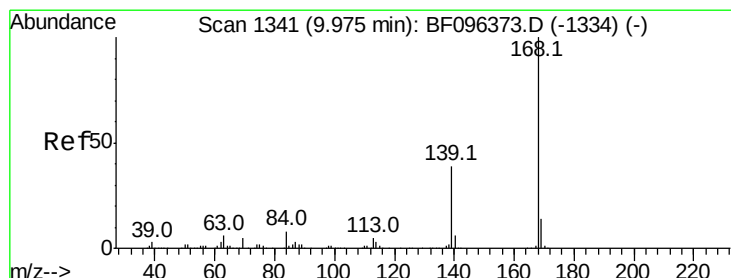
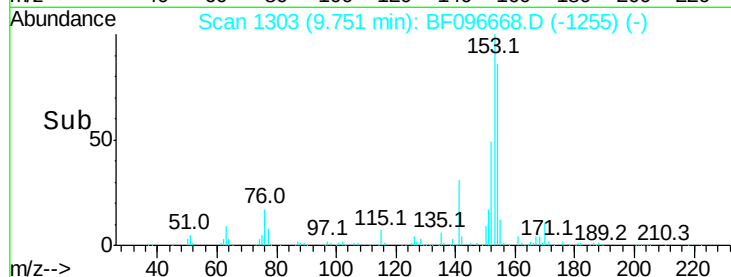
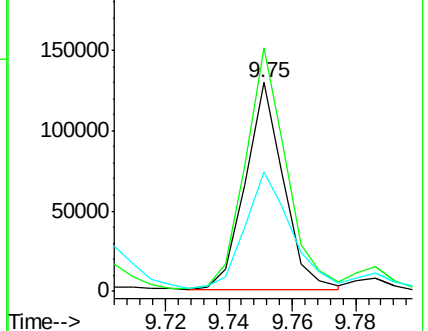
152 57.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 4.564 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

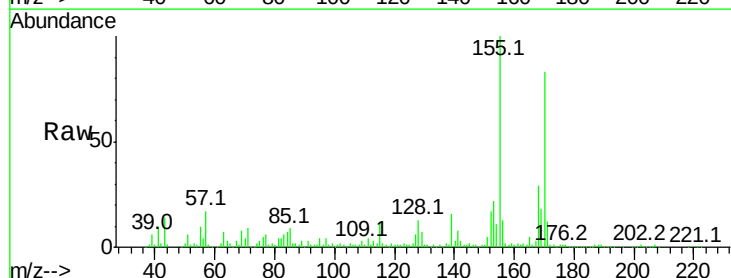
Tgt Ion:168 Resp: 65519

Ion Ratio Lower Upper

168 100

139 55.6 30.6 45.8#

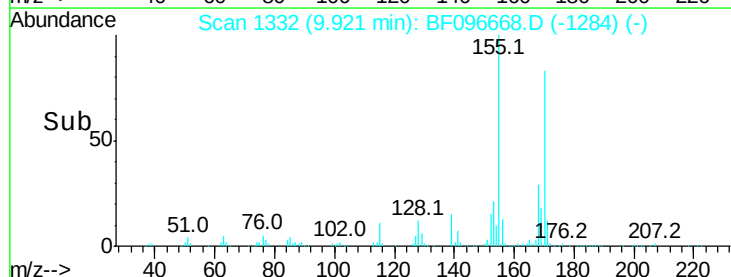
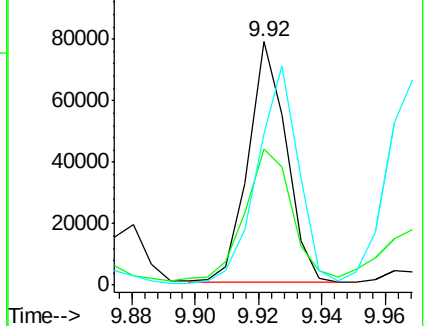
169 62.3 10.8 16.2#

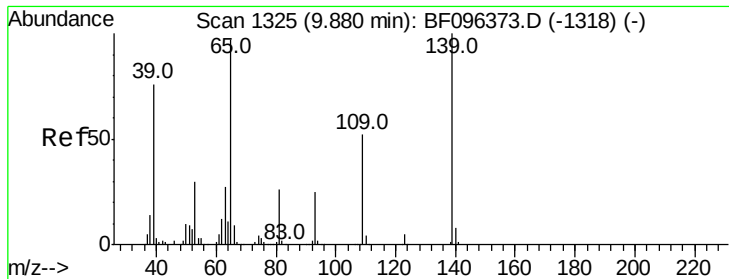


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

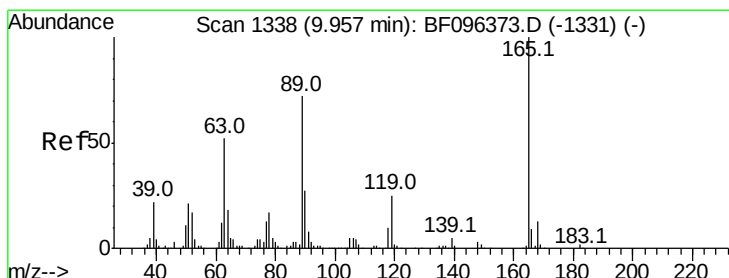
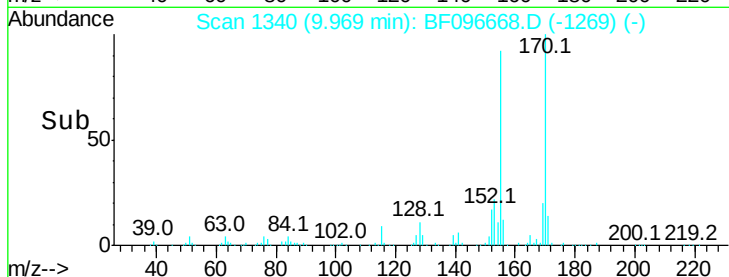
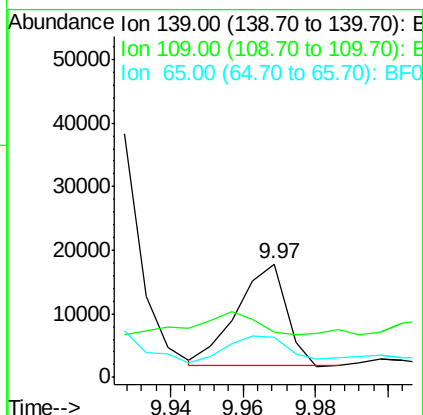
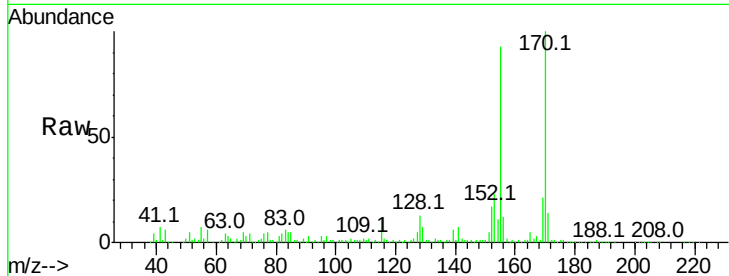




#55
4-Nitrophenol
Concen: 5.114 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.12 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

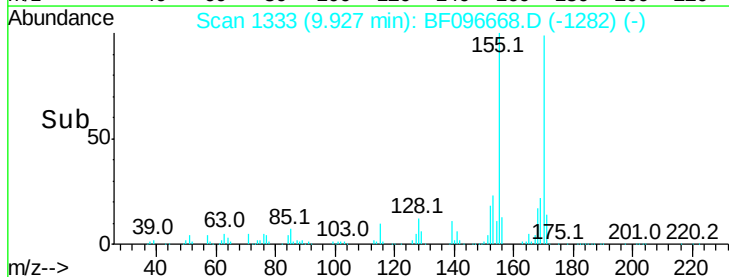
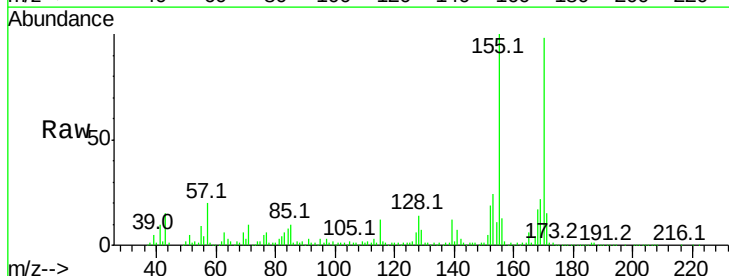
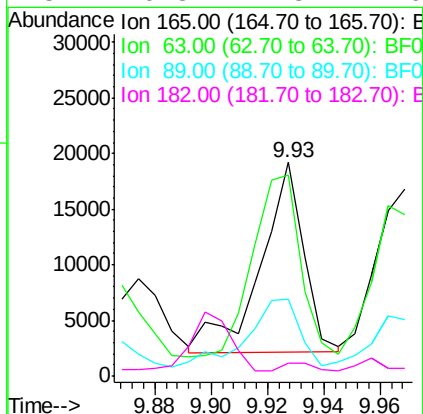
Instrument :
BNA_F
ClientSampleId :
E2-P7-BASE

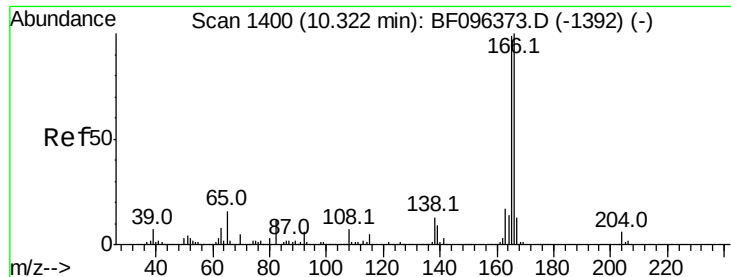
Tot Ion	Ratio	Lower	Upper
139	100		
109	39.3	34.1	74.1
65	35.6	31.4	71.4



#56
2,4-Dinitrotoluene
Concen: 4.979 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	94.0	25.4	38.0#
89	36.1	46.4	69.6#
182	6.3	1.8	2.6#

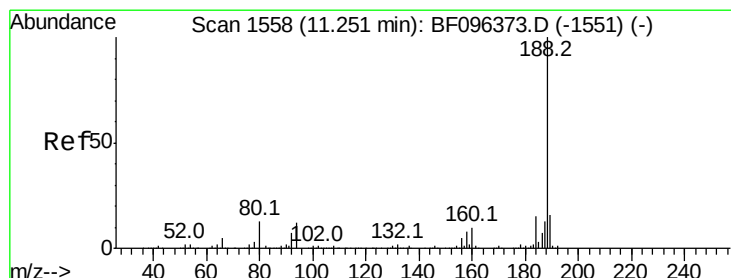
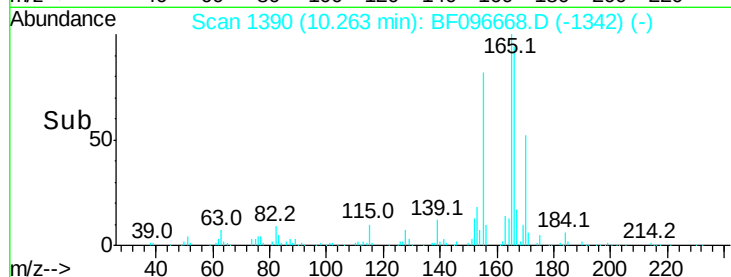
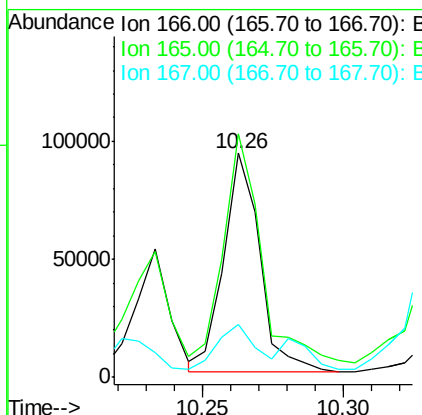
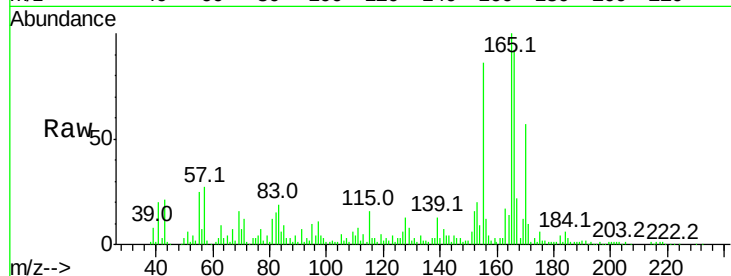




#57
 Fluorene
 Concen: 8.118 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BF096668.D
 Acq: 12 Jul 2017 3:18

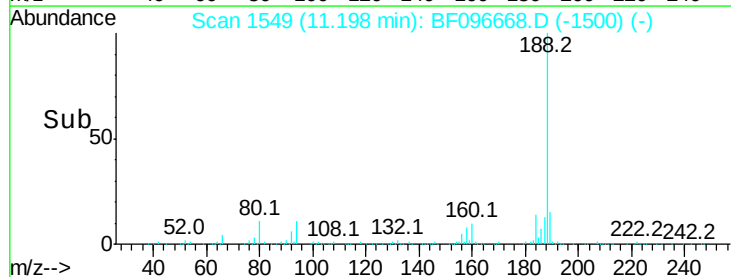
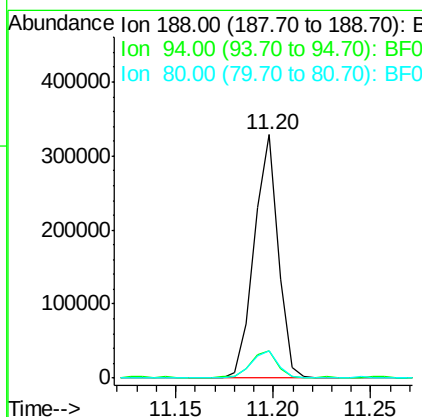
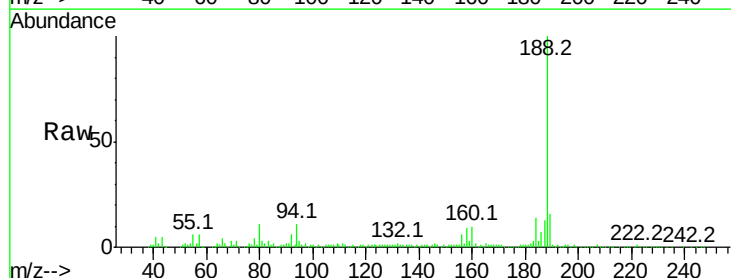
Instrument :
 BNA_F
 ClientSampleId :
 E2-P7-BASE

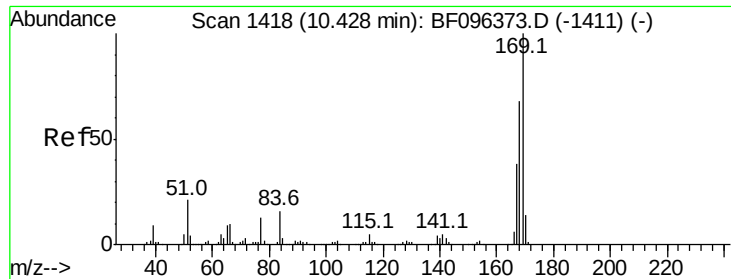
Tot Ion:166 Resp: 82302
 Ion Ratio Lower Upper
 166 100
 165 108.6 78.8 118.2
 167 23.9 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096668.D
 Acq: 12 Jul 2017 3:18

Tgt Ion:188 Resp: 278413
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 11.0 10.2 15.2

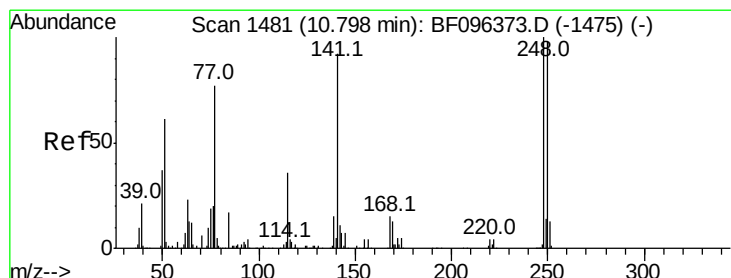
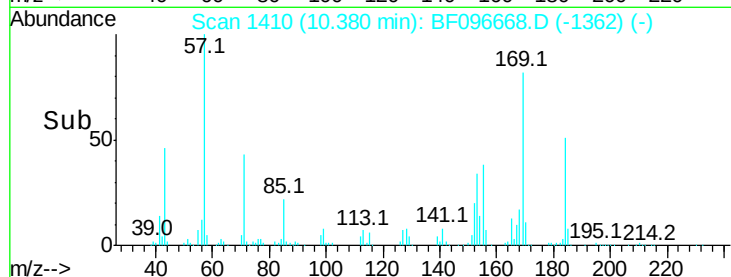
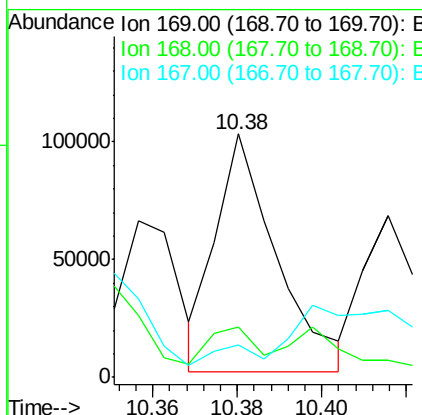
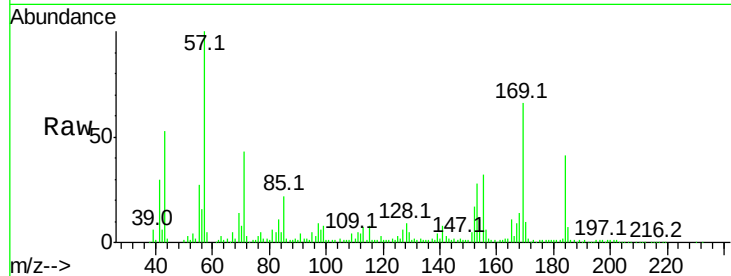




#65
 n-Nitrosodiphenylamine
 Concen: 10.297 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096668.D
 Acq: 12 Jul 2017 3:18

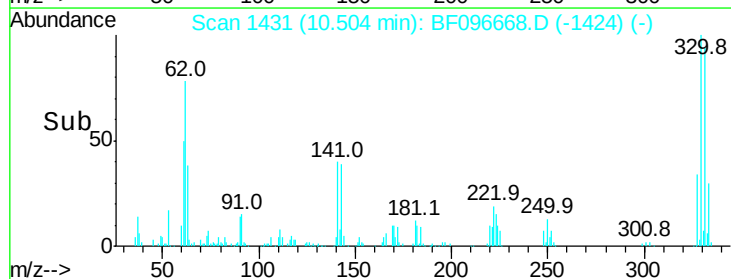
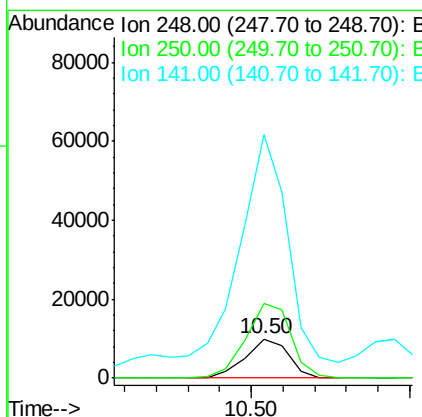
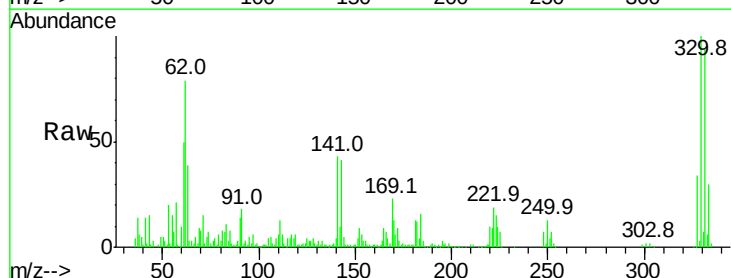
Instrument :
 BNA_F
 ClientSampleId :
 E2-P7-BASE

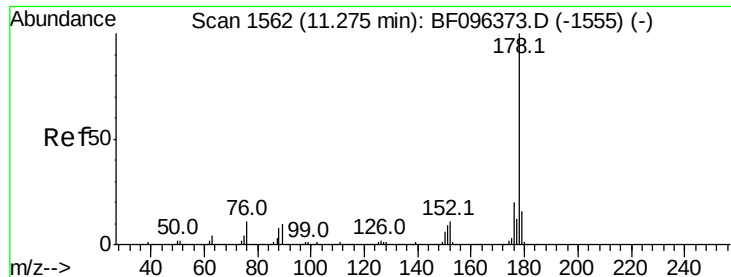
Tot Ion:169 Resp: 100586
 Ion Ratio Lower Upper
 169 100
 168 20.6 53.2 79.8#
 167 13.1 29.5 44.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.473 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.26 min
 Lab File: BF096668.D
 Acq: 12 Jul 2017 3:18

Tgt Ion:248 Resp: 9412
 Ion Ratio Lower Upper
 248 100
 250 190.8 76.8 115.2#
 141 620.4 68.6 103.0#





#70

Phenanthrene

Concen: 14.778 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

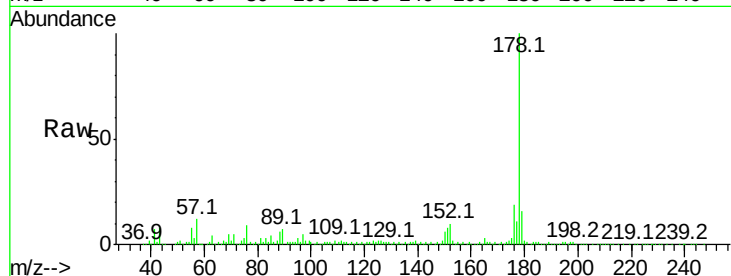
Tot Ion:178 Resp: 222415

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

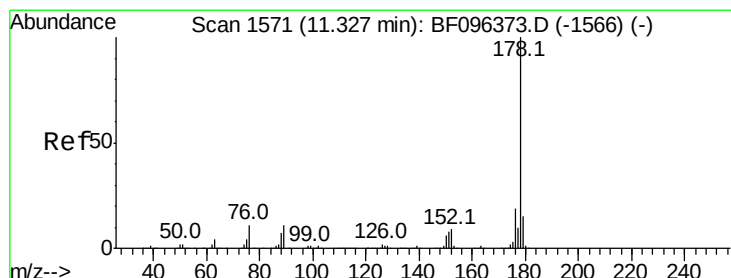
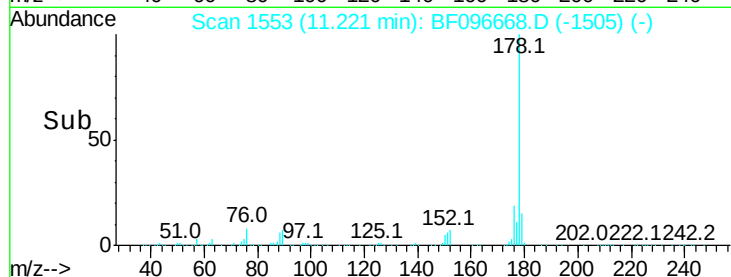
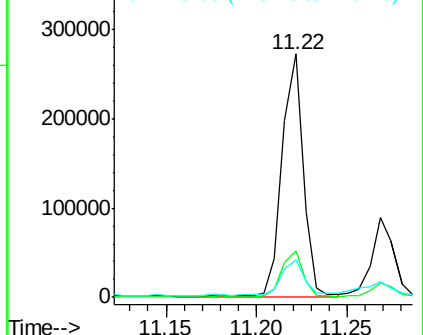
179 15.6 12.6 19.0



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: 14.502 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.07 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

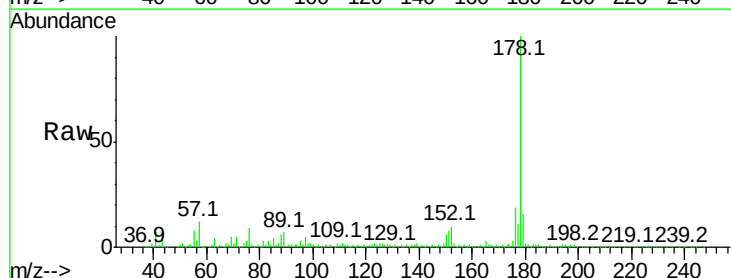
Tgt Ion:178 Resp: 222415

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

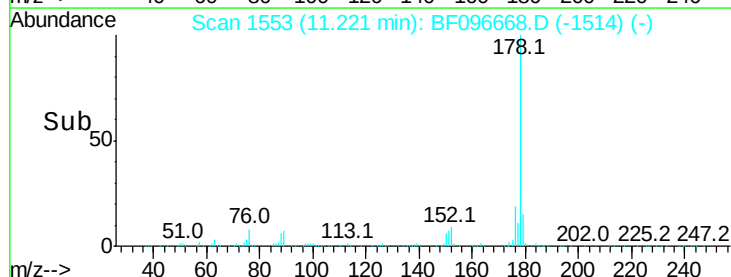
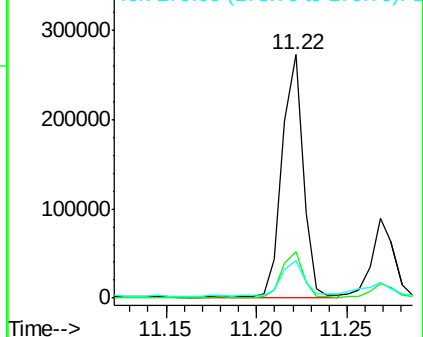
179 15.6 12.7 19.1

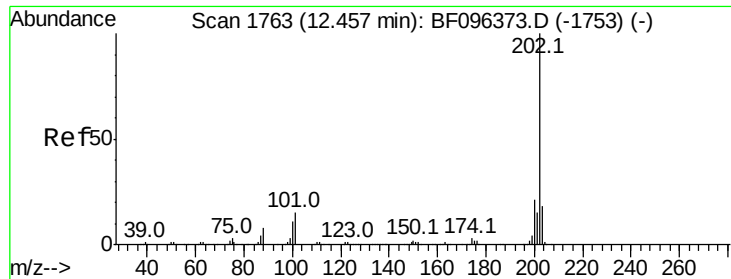


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 7.741 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

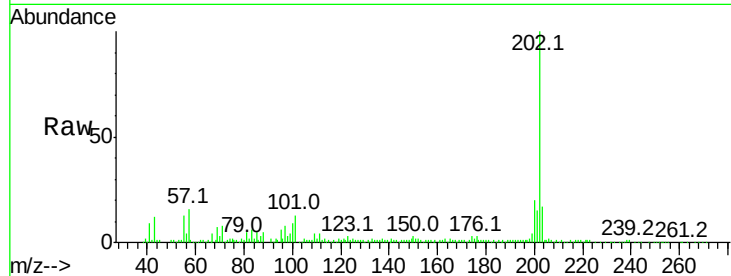
Tot Ion:202 Resp: 114226

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

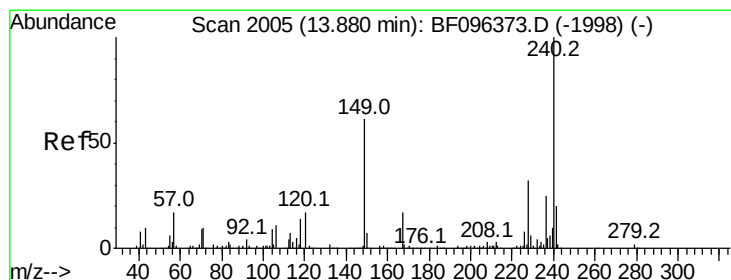
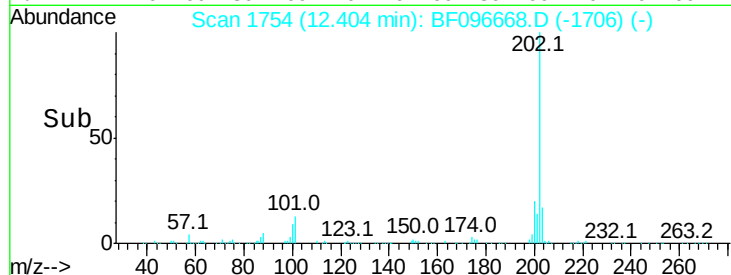
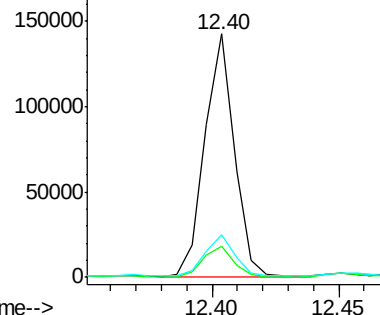
203 17.4 0.0 38.1



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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

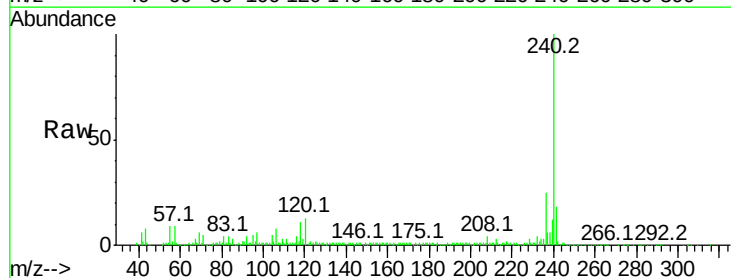
Tgt Ion:240 Resp: 192288

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

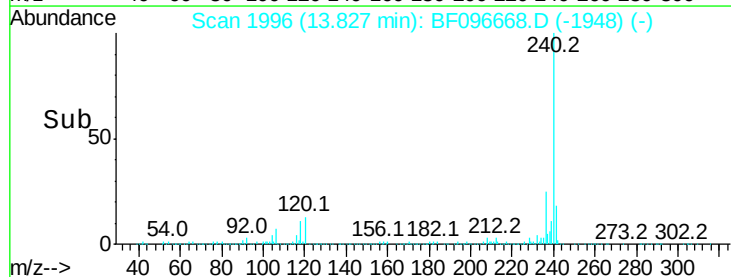
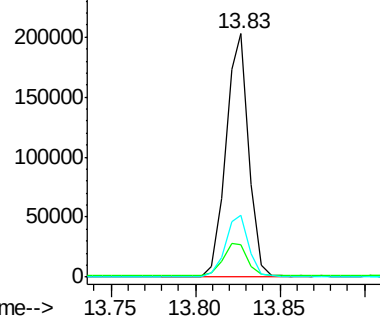
236 25.2 20.5 30.7

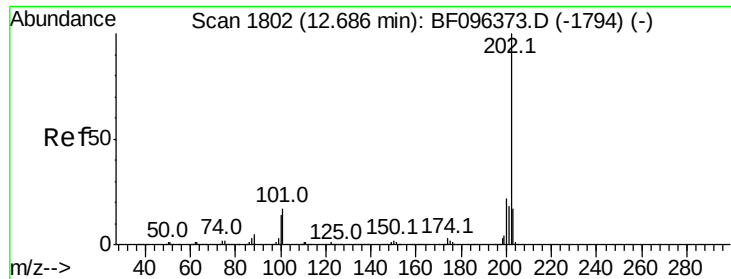


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 7.390 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

Instrument :

BNA_F

ClientSampleId :

E2-P7-BASE

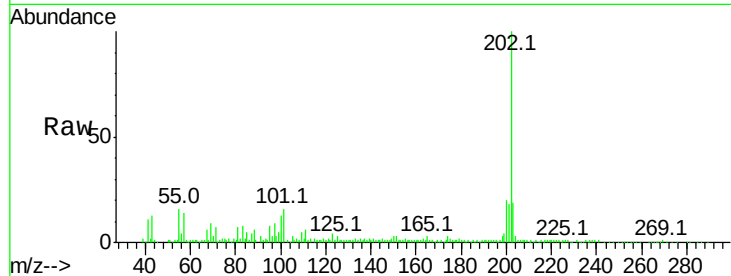
Tot Ion:202 Resp: 114063

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

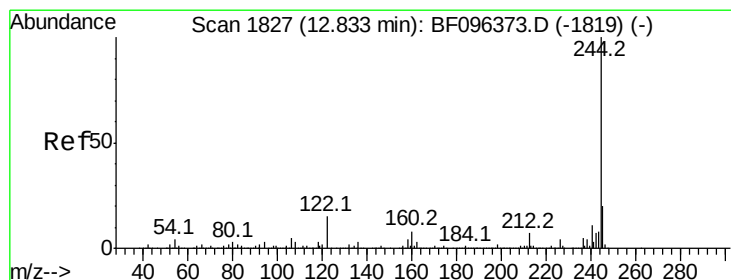
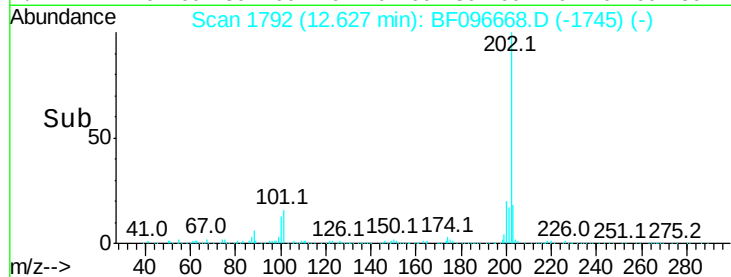
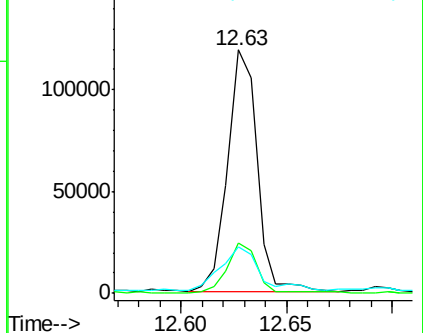
203 19.0 14.4 21.6



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: 42.601 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096668.D

Acq: 12 Jul 2017 3:18

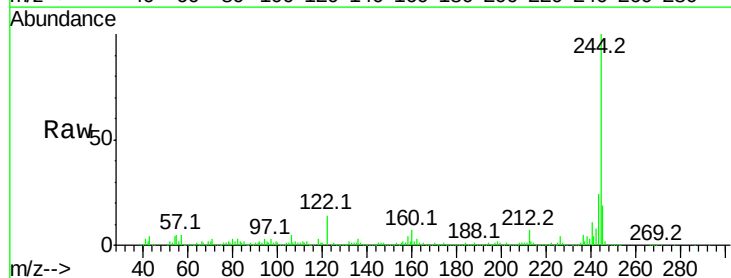
Tgt Ion:244 Resp: 383352

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

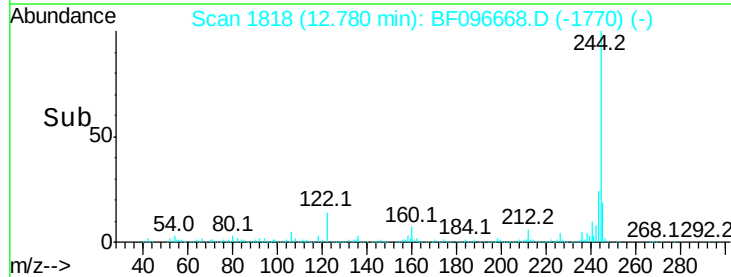
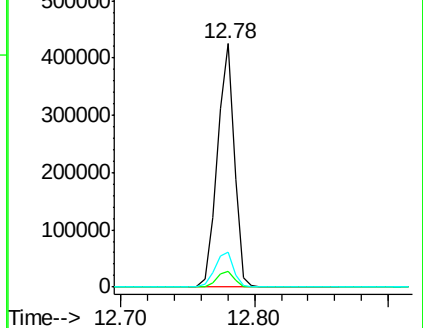
122 14.3 10.3 15.5

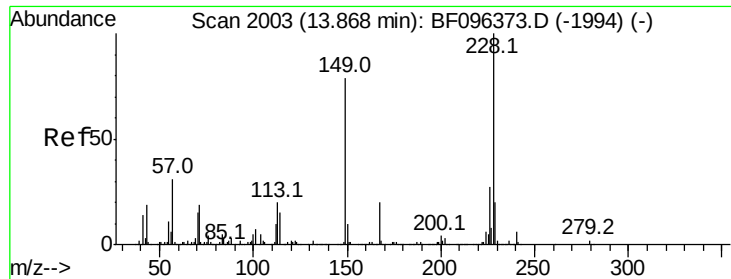


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

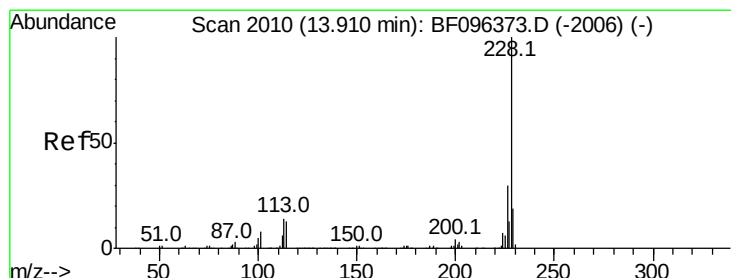
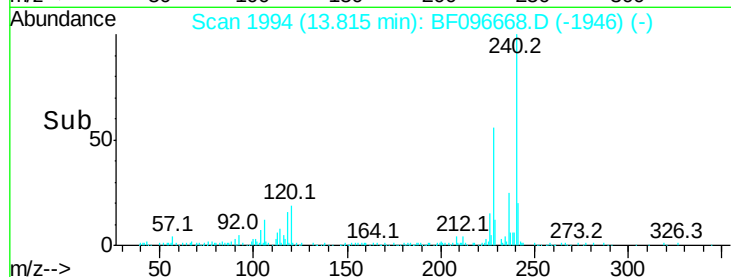
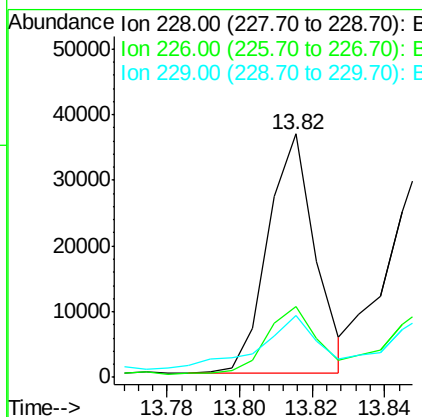
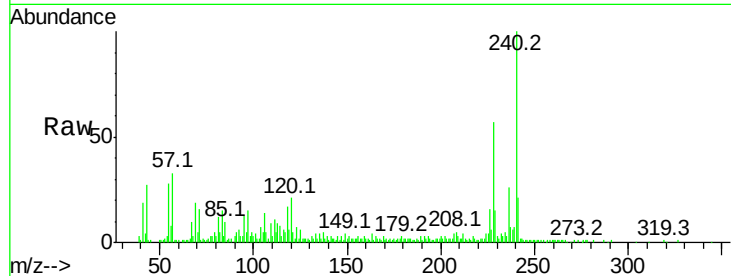




#80
Benzo(a)anthracene
Concen: 2.969 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

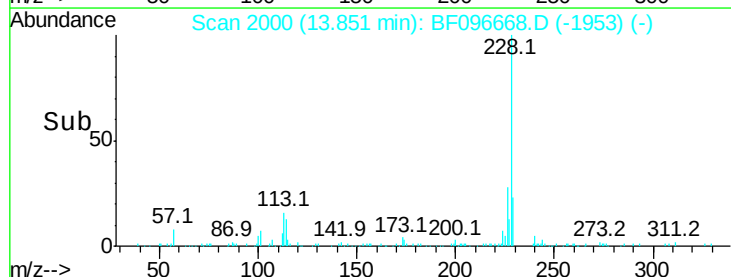
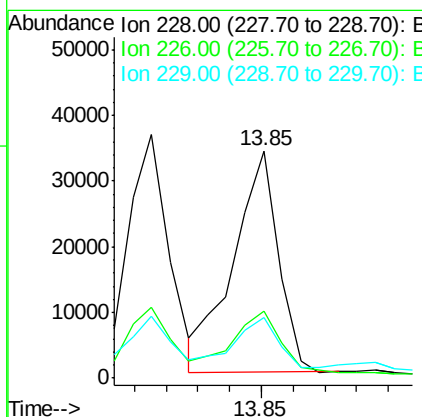
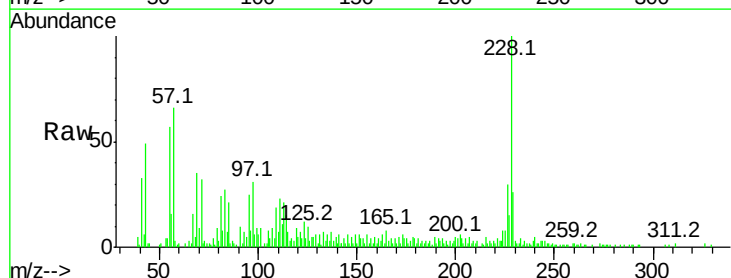
Instrument :
BNA_F
ClientSampleId :
E2-P7-BASE

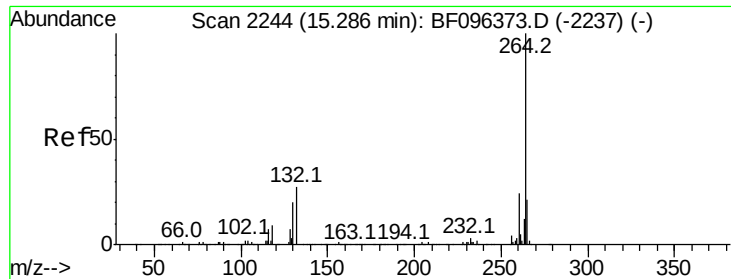
Tot Ion:228 Resp: 33055
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 25.6 16.3 24.5#



#82
Chrysene
Concen: 2.857 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

Tgt Ion:228 Resp: 33314
Ion Ratio Lower Upper
228 100
226 29.7 24.9 37.3
229 26.4 15.8 23.6#

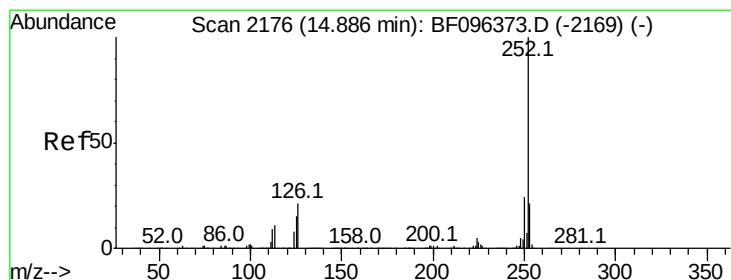
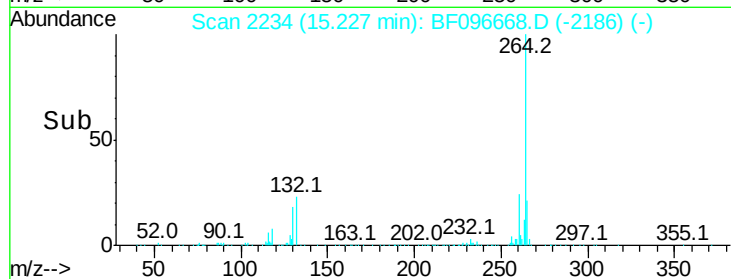
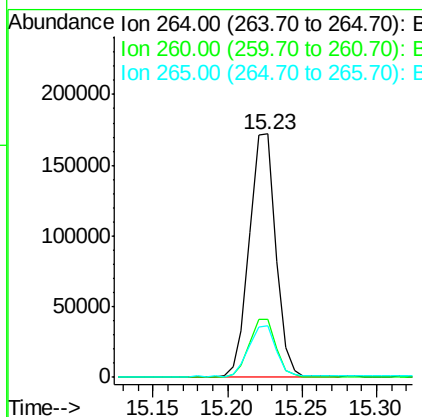
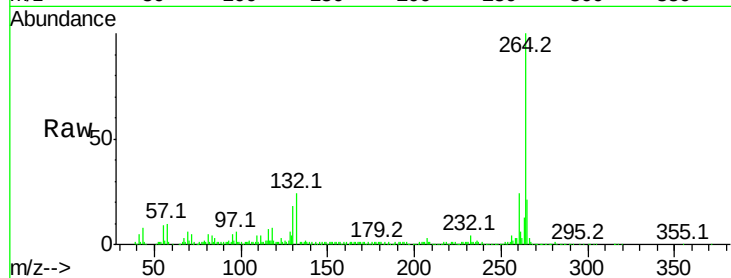




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

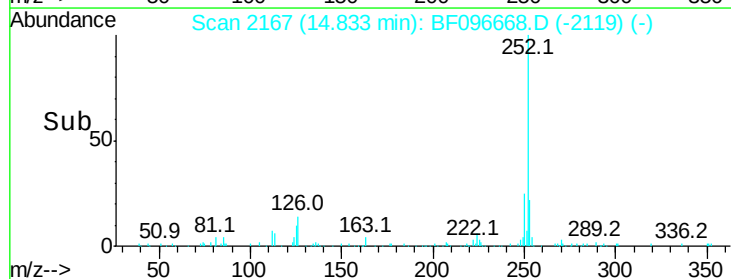
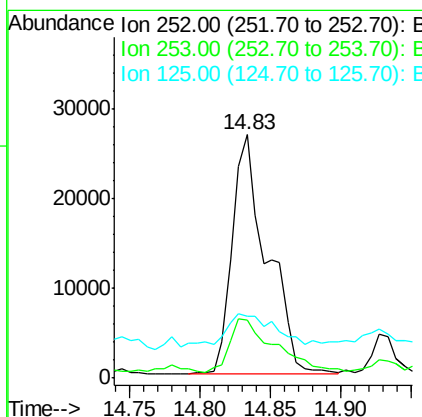
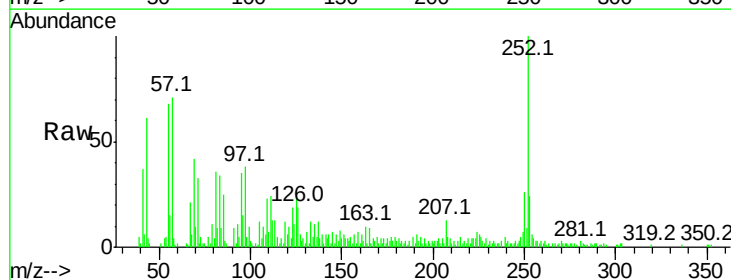
Instrument :
BNA_F
ClientSampleId :
E2-P7-BASE

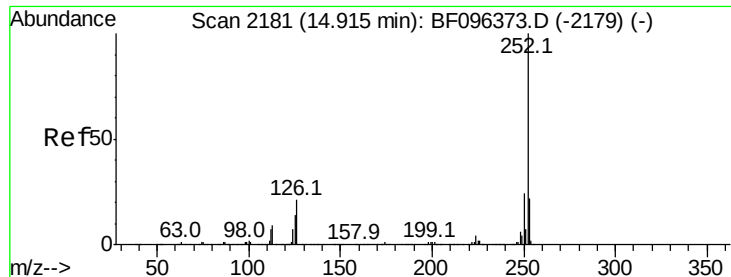
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.1	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 3.427 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	25.6	9.8	14.8#

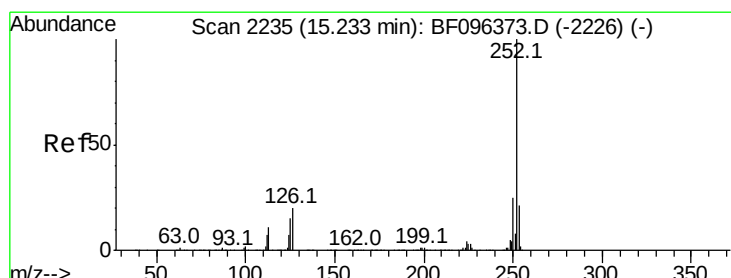
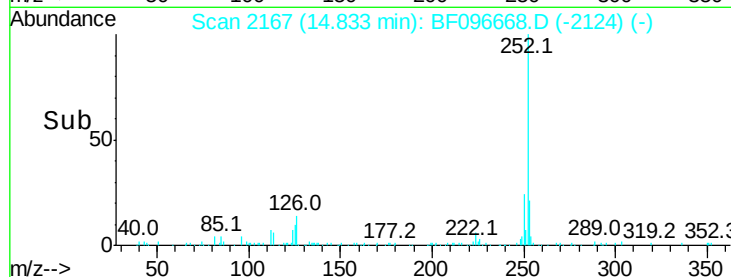
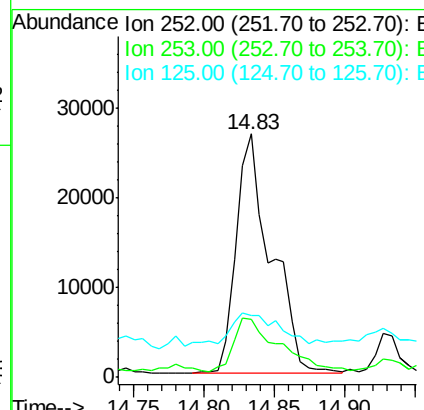
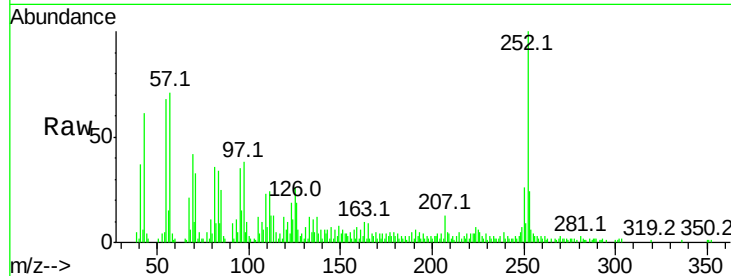




#88
Benzo(k)fluoranthene
Concen: 3.831 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.05 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

Instrument :
BNA_F
ClientSampleId :
E2-P7-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	25.6	13.1	19.7



#89
Benzo(a)pyrene
Concen: 2.176 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF096668.D
Acq: 12 Jul 2017 3:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	30.8	11.0	16.4

