

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096400.D
 Acq On : 2 Jul 2017 1:12
 Operator : SJ/MA
 Sample : I3982-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:54:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	139183	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	491386	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	165265	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	270252	20.00	ng	0.00
75) Chrysene-d12	13.88	240	242079	20.00	ng	0.00
86) Perylene-d12	15.29	264	168771	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	458195	48.59	ng	0.00
7) Phenol-d6	6.36	99	524239	45.22	ng	-0.01
23) Nitrobenzene-d5	7.29	82	272797	33.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	71792	55.61	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	463178	47.92	ng	0.00
78) Terphenyl-d14	12.83	244	347533	30.68	ng	0.00

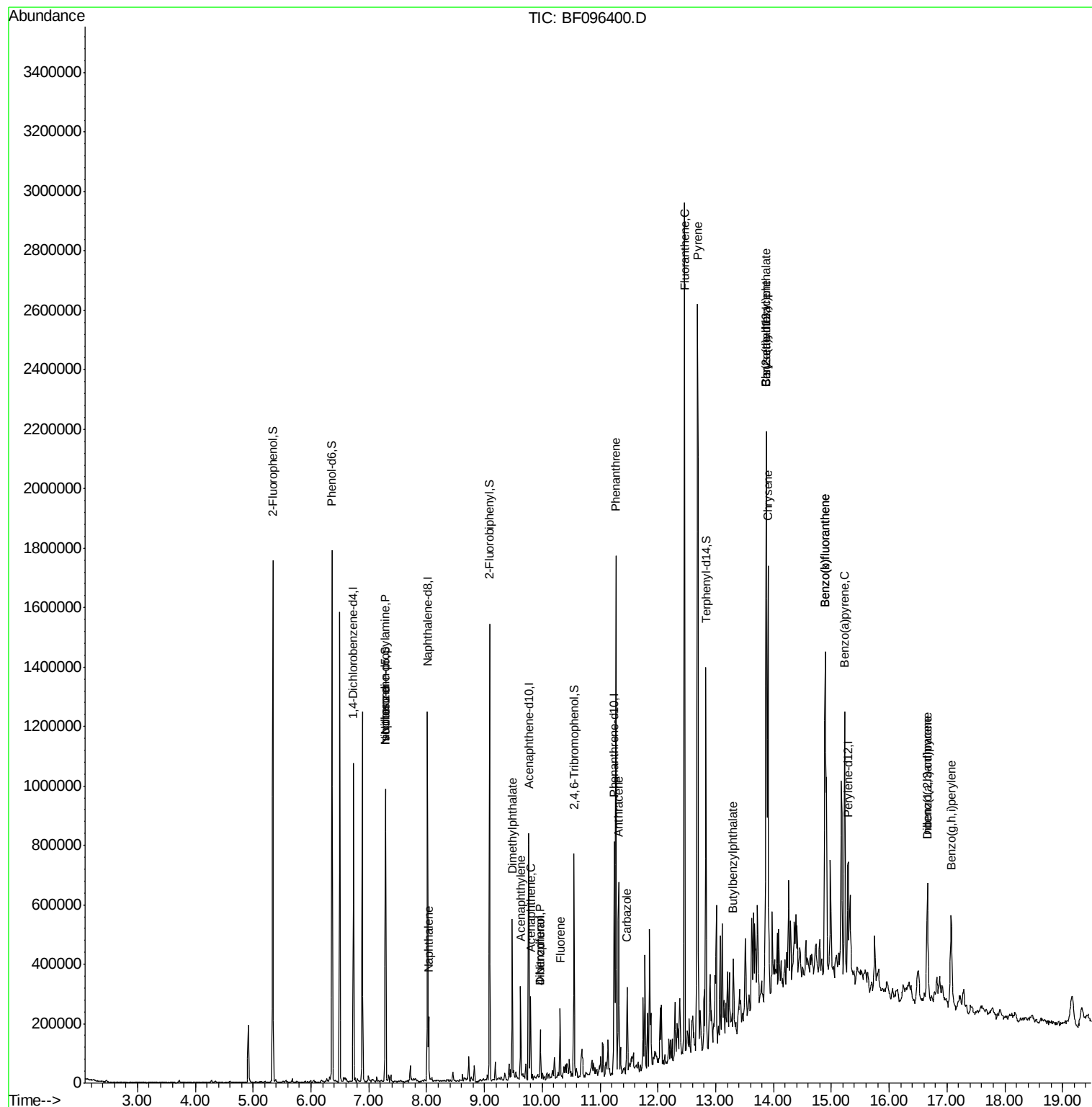
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	35939	5.20	ng	# 87
25) Isophorone	7.29	82	272098	17.16	ng	# 67
31) Naphthalene	8.03	128	82364	3.55	ng	98
48) Acenaphthylene	9.63	152	128505	7.69	ng	98
49) Dimethylphthalate	9.49	163	213351	17.29	ng	97
51) Acenaphthene	9.80	154	49738	4.83	ng	96
54) Dibenzofuran	9.97	168	45048	3.31	ng	92
55) 4-Nitrophenol	9.97	139	15009	5.32	ng	# 29
57) Fluorene	10.31	166	57433	5.98	ng	96
70) Phenanthrene	11.27	178	680786	46.60	ng	98
71) Anthracene	11.32	178	237147	15.93	ng	98
72) Carbazole	11.47	167	112549	7.52	ng	97
74) Fluoranthene	12.46	202	1182123	82.53	ng	99
77) Pyrene	12.69	202	1123137	57.80	ng	99
79) Butylbenzylphthalate	13.30	149	46967	4.77	ng	# 77
80) Benzo(a)anthracene	13.87	228	627306	44.75	ng	95
82) Chrysene	13.90	228	559938	38.14	ng	96
83) Bis(2-ethylhexyl)phthalate	13.87	149	39333	3.58	ng	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	241481	20.84	ng	96
87) Benzo(b)fluoranthene	14.89	252	822737	77.80	ng	# 95
88) Benzo(k)fluoranthene	14.89	252	822737	86.97	ng	98
89) Benzo(a)pyrene	15.23	252	391496	41.47	ng	97
90) Dibenzo(a,h)anthracene	16.67	278	61558	8.29	ng	# 92
91) Benzo(g,h,i)perylene	17.07	276	229592	29.83	ng	98

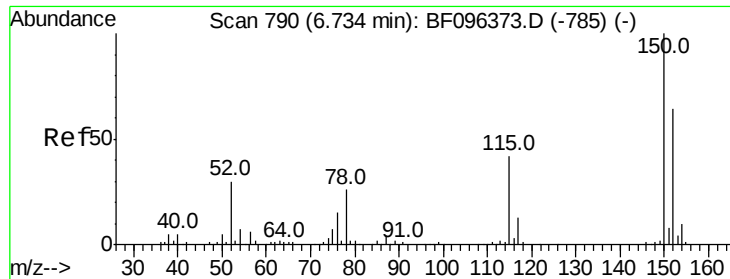
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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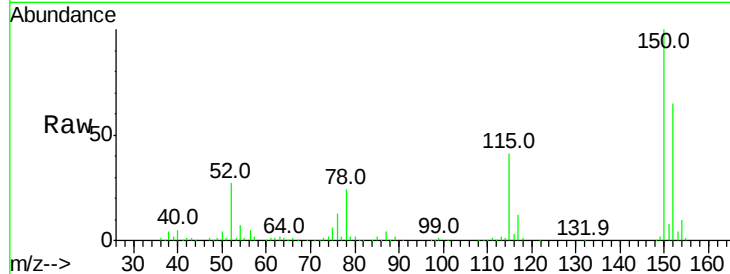


#1

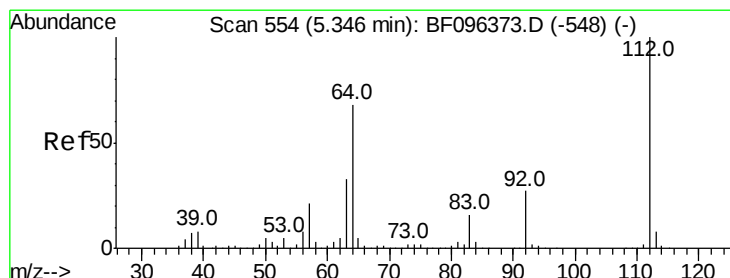
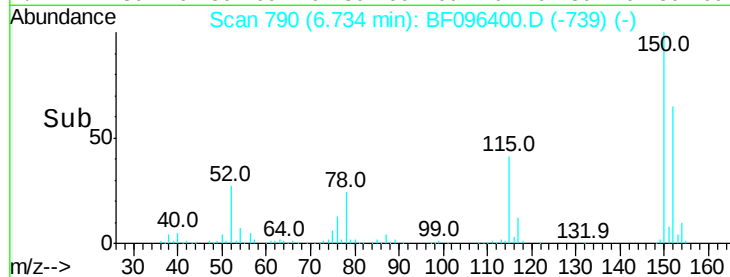
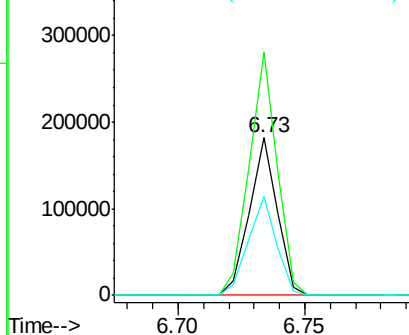
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139183
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 63.0 52.2 78.2



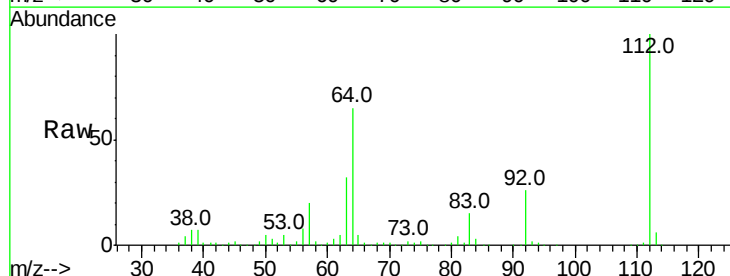
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



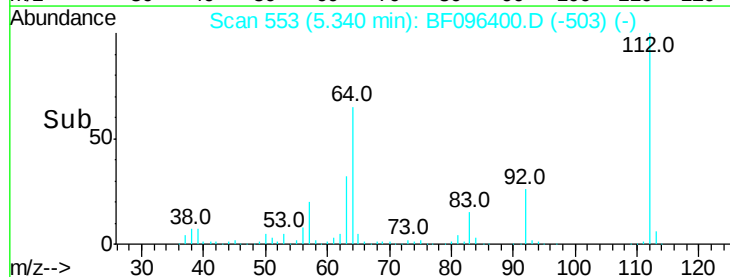
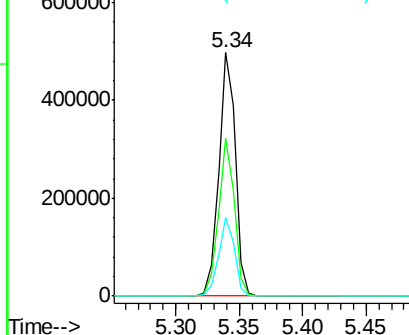
#5

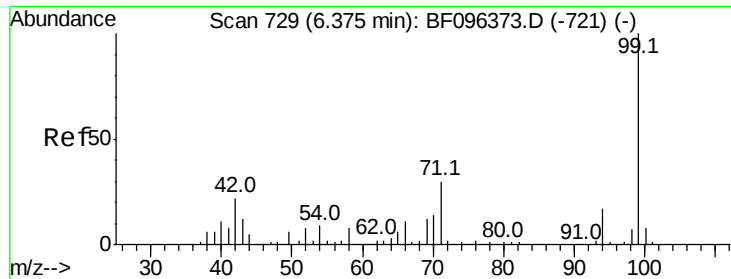
2-Fluorophenol
Concen: 48.59 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Tgt Ion:112 Resp: 458195
Ion Ratio Lower Upper
112 100
64 64.8 46.0 69.0
63 32.3 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





#7

Phenol-d6

Concen: 45.22 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

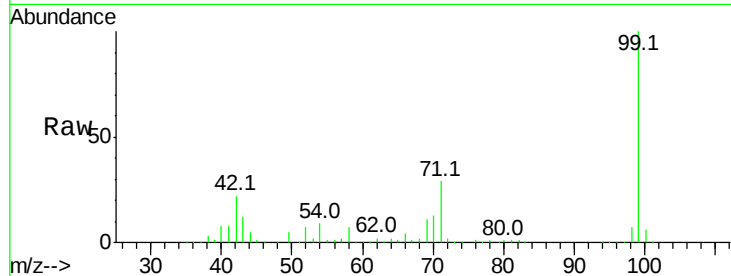
Tot Ion: 99 Resp: 524239

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

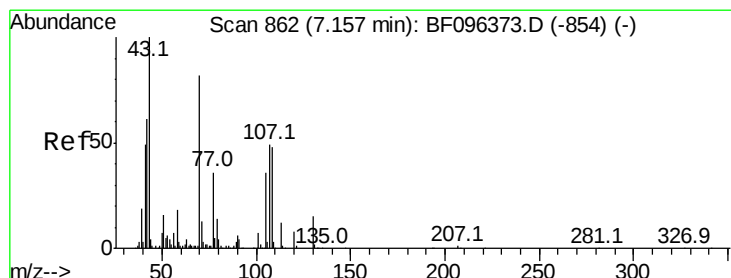
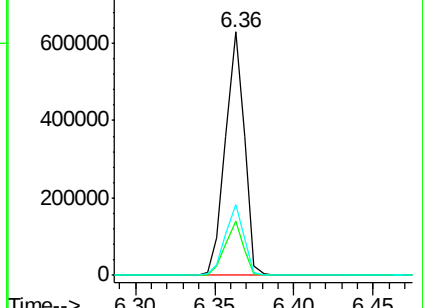
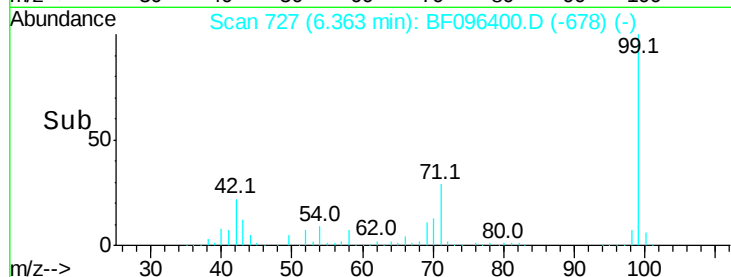
71 29.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.20 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

Tgt Ion: 70 Resp: 35939

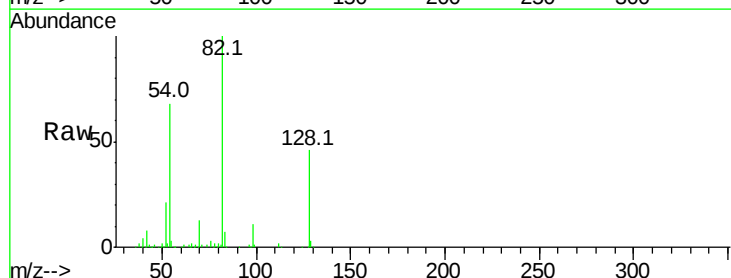
Ion Ratio Lower Upper

70 100

42 61.6 47.2 70.8

101 0.0 7.2 10.8#

130 3.0 15.9 23.9#

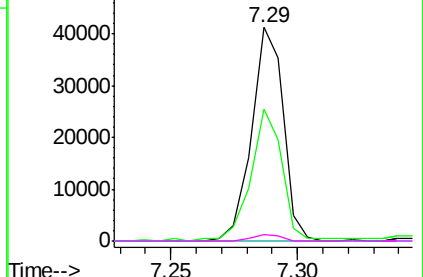
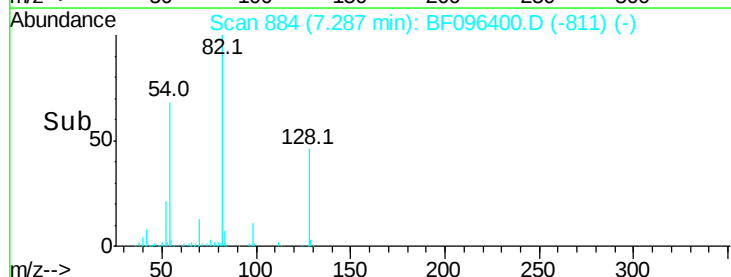


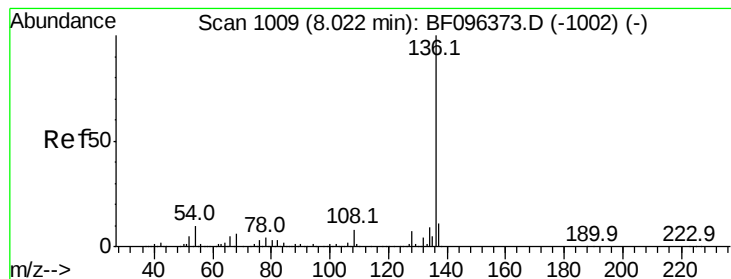
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 491386

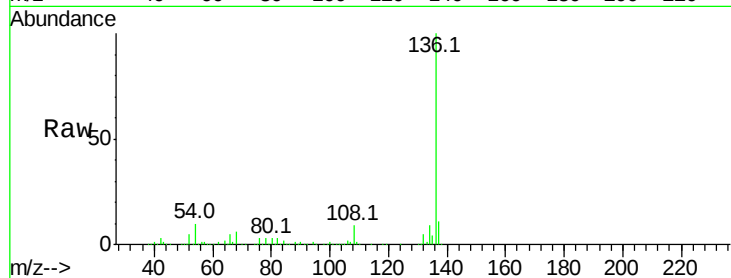
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.2 4.9 7.3#

68 5.6 4.1 6.1

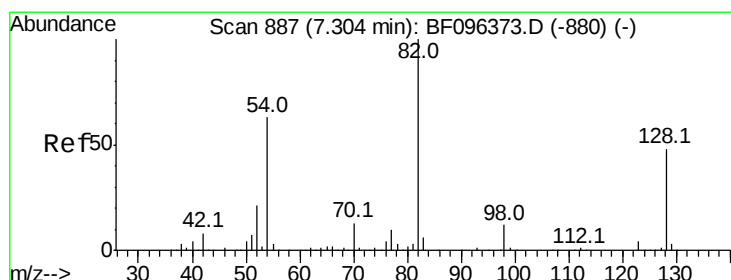
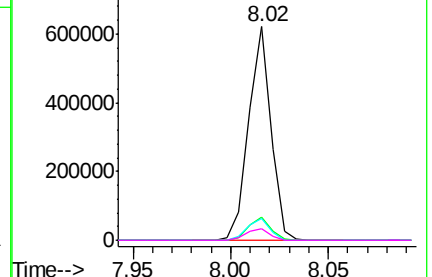
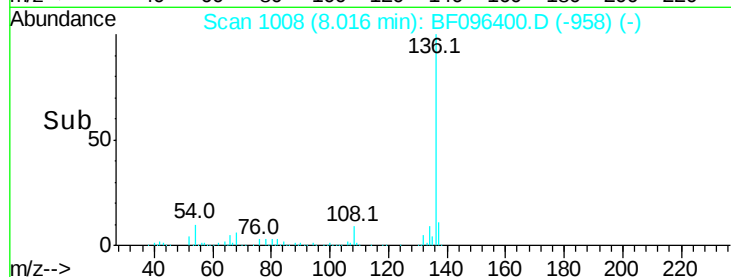


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.36 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

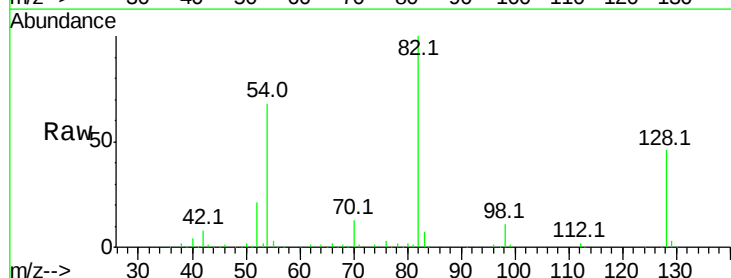
Tgt Ion: 82 Resp: 272797

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

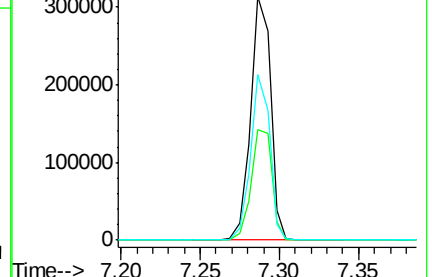
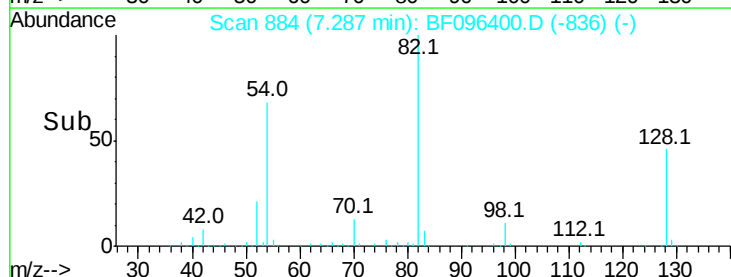
54 67.8 42.2 63.2#

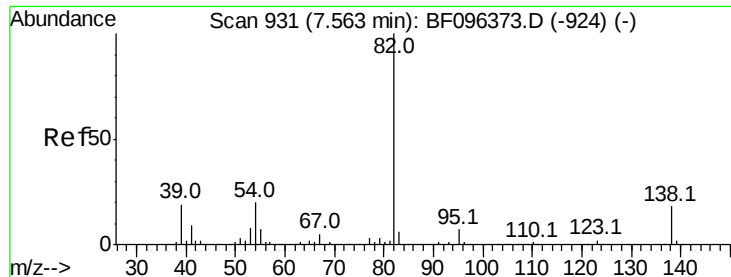


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 17.16 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

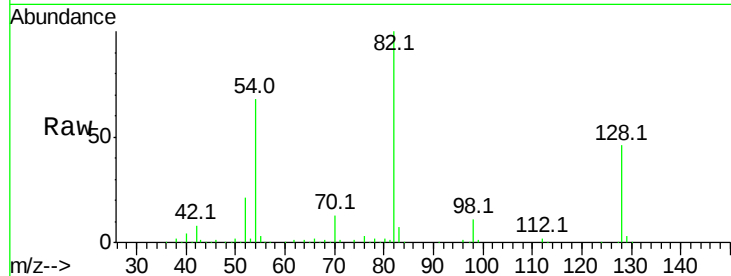
Tot Ion: 82 Resp: 272098

Ion Ratio Lower Upper

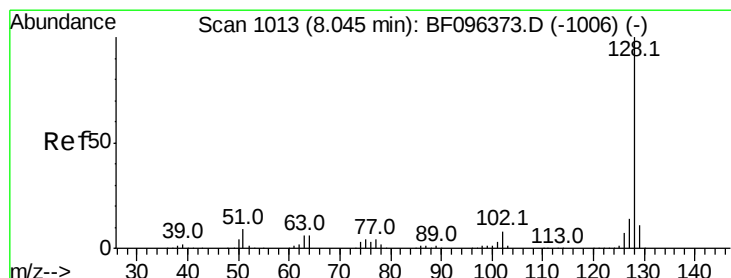
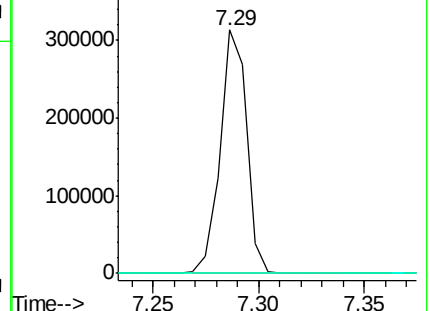
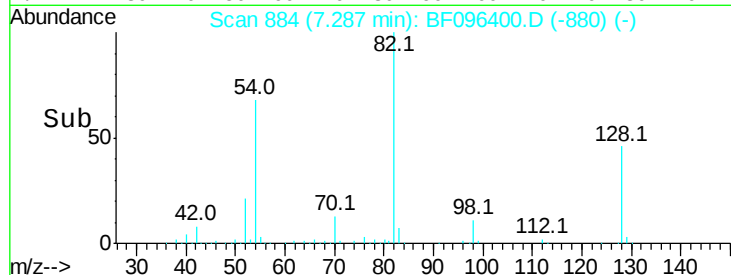
82 100

95 0.0 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



#31

Naphthalene

Concen: 3.55 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

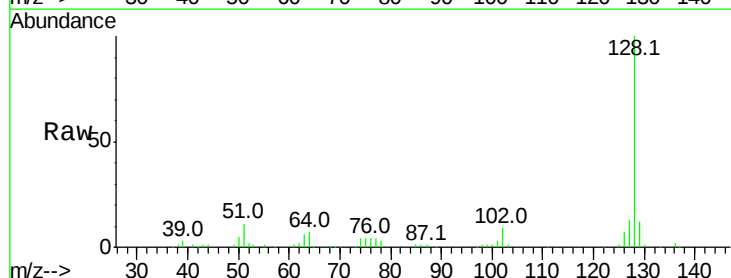
Tgt Ion: 128 Resp: 82364

Ion Ratio Lower Upper

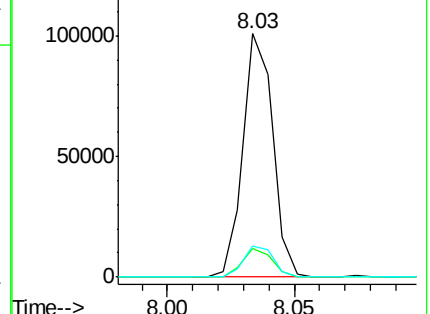
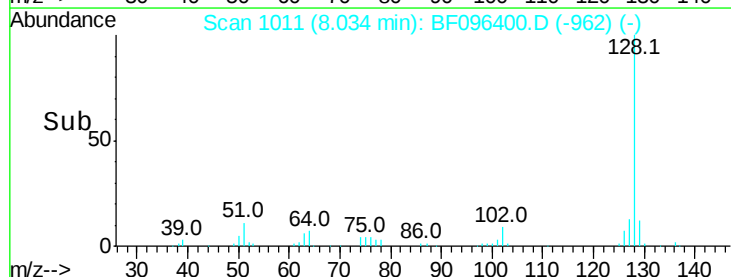
128 100

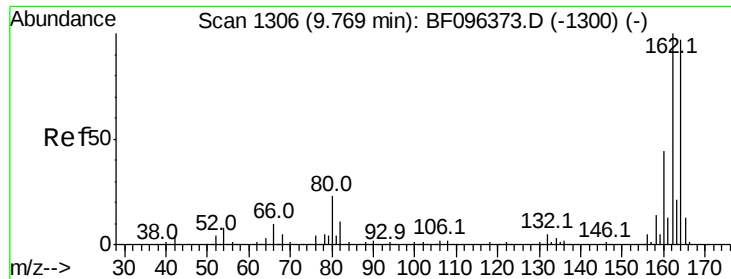
129 11.6 9.0 13.6

127 12.7 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

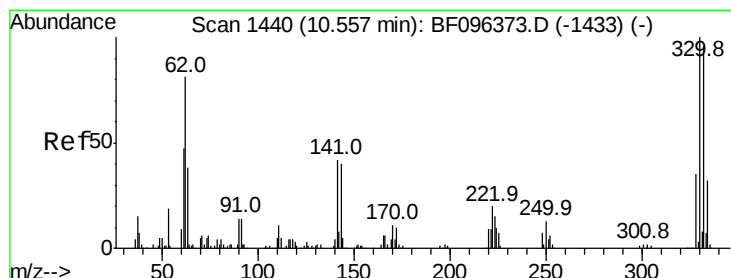
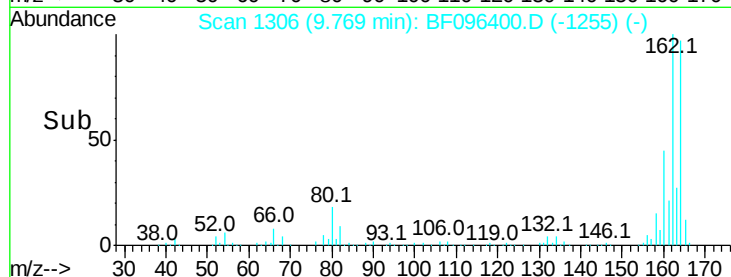
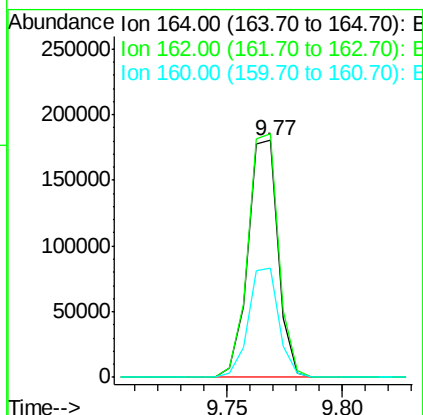
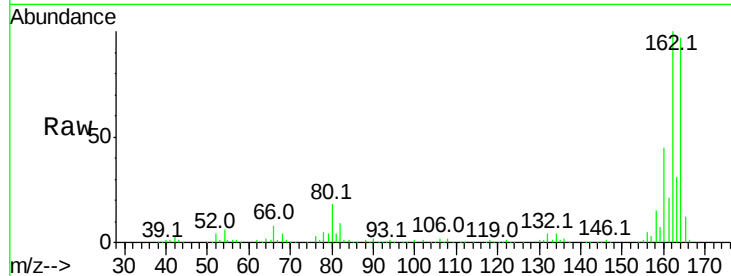




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096400.D
 Acq: 2 Jul 2017 1:12

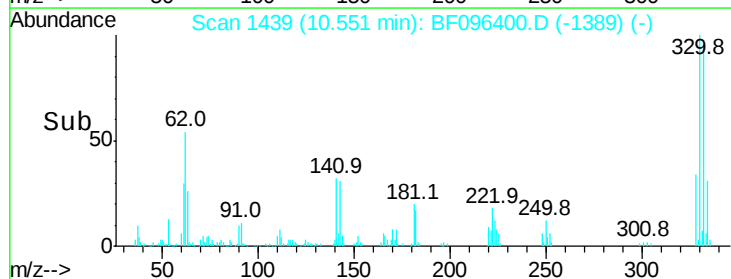
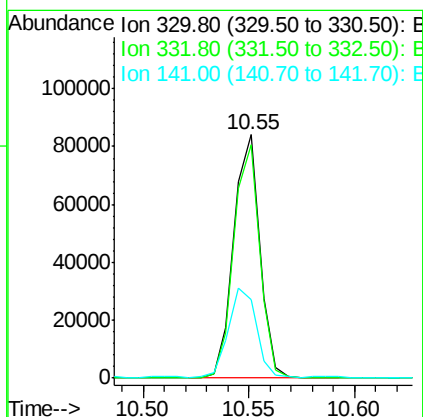
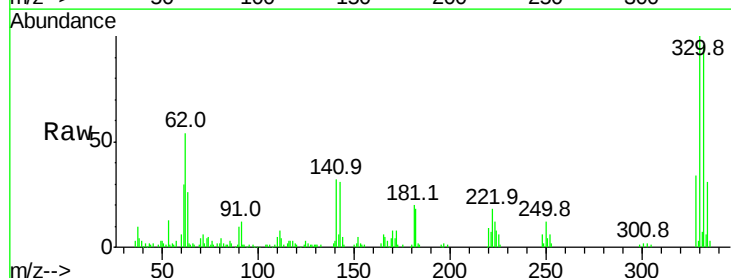
Instrument :
 BNA_F
 ClientSampled :

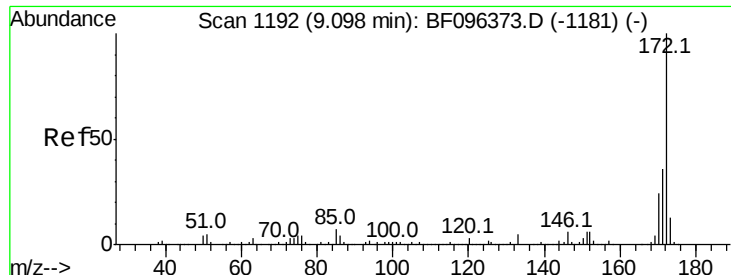
Tot Ion:164 Resp: 165265
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 46.1 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 55.61 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096400.D
 Acq: 2 Jul 2017 1:12

Tgt Ion:330 Resp: 71792
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 40.0 31.4 47.2

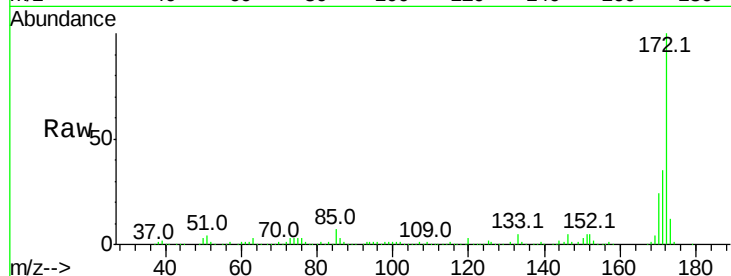




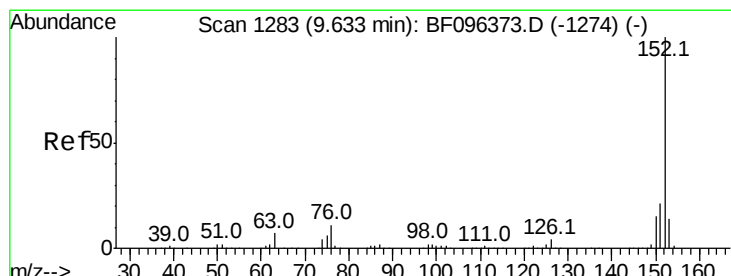
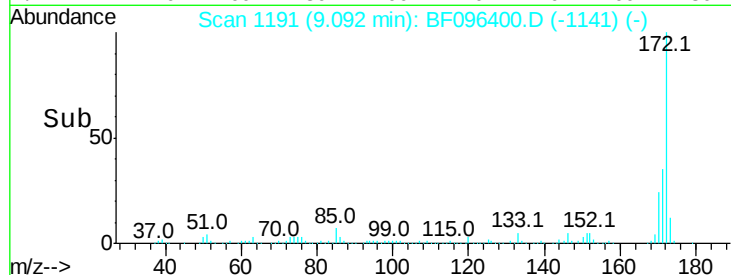
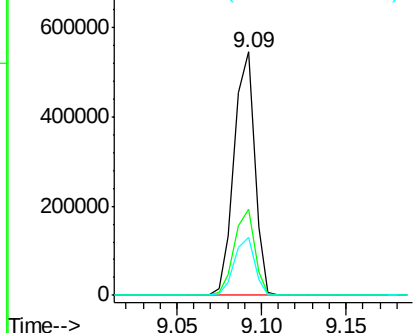
#44
2-Fluorobiphenyl
Concen: 47.92 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 463178
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.8 19.8 29.8

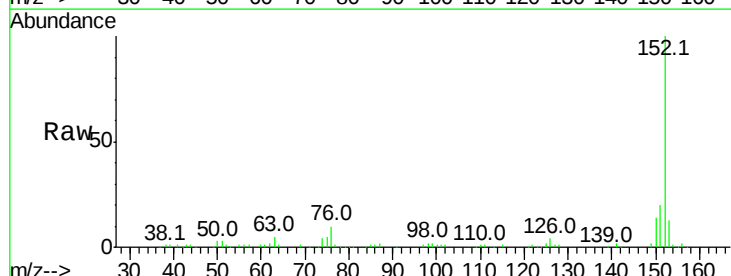


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

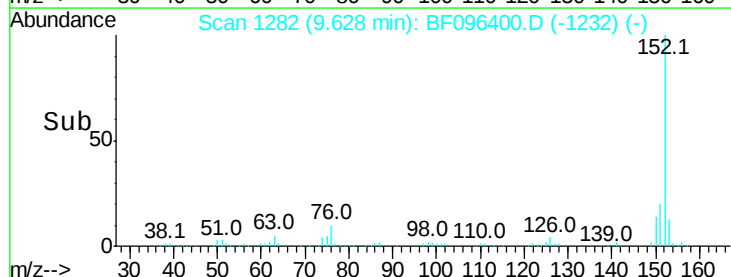
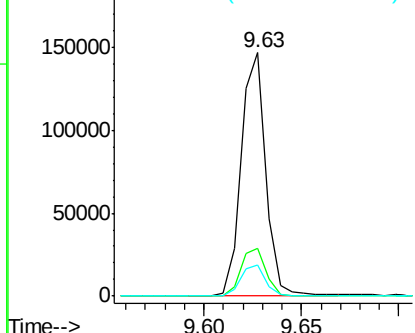


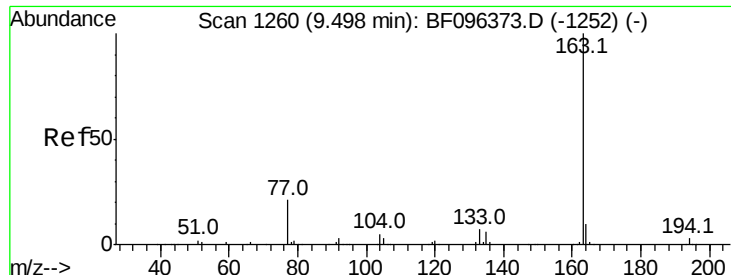
#48
Acenaphthylene
Concen: 7.69 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Tgt Ion:152 Resp: 128505
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 12.8 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

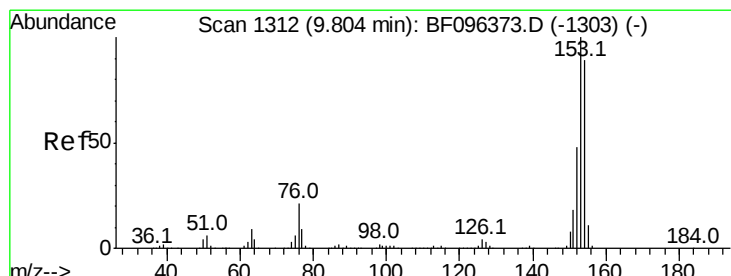
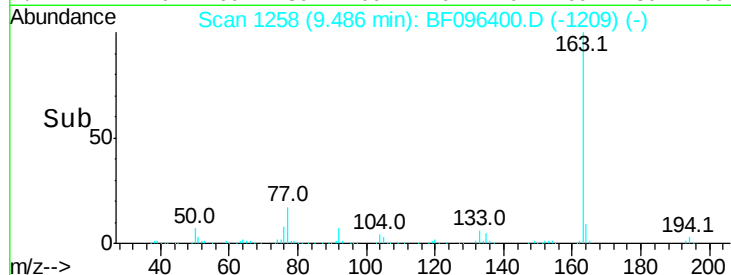
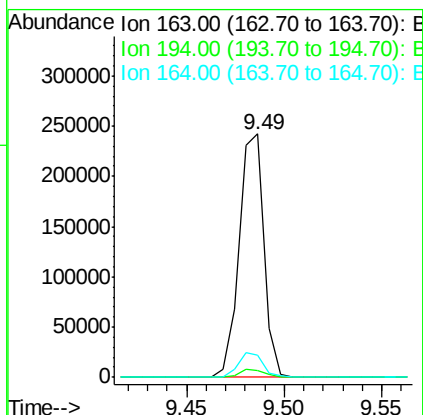
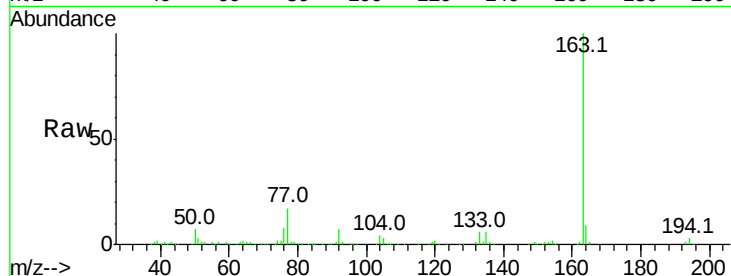




#49
Dimethylphthalate
Concen: 17.29 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

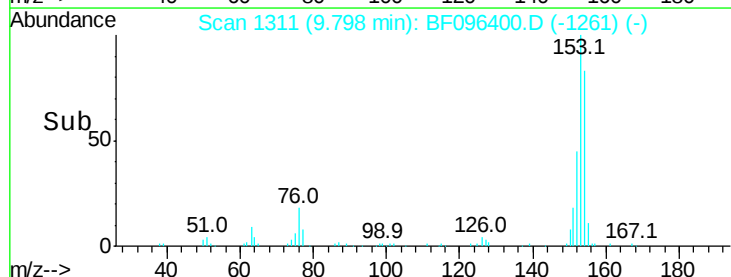
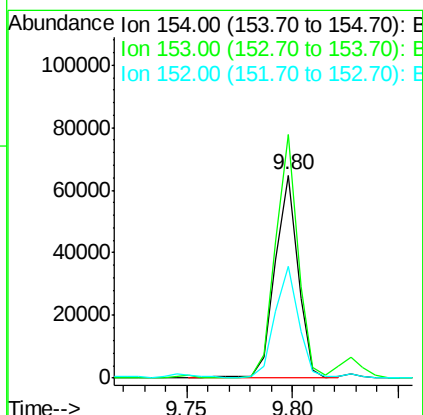
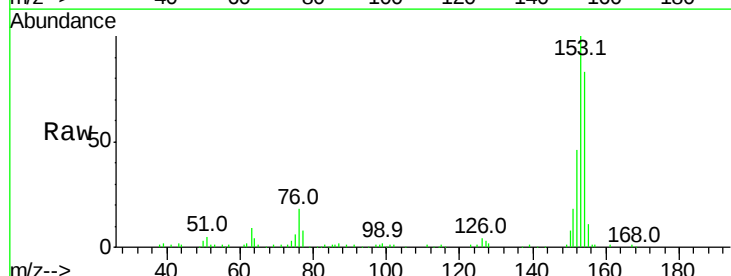
Instrument :
BNA_F
ClientSampleId :

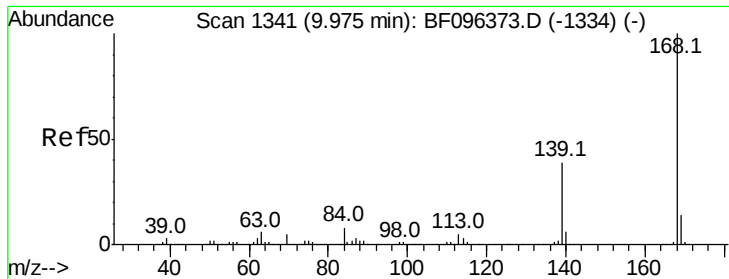
Tot Ion:163 Resp: 213351
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.3 8.4 12.6



#51
Acenaphthene
Concen: 4.83 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Tgt Ion:154 Resp: 49738
Ion Ratio Lower Upper
154 100
153 119.9 90.5 135.7
152 54.8 43.6 65.4

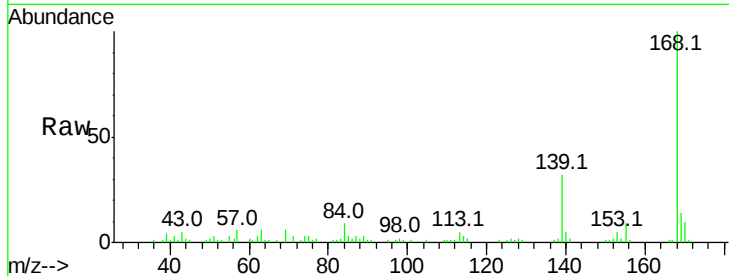




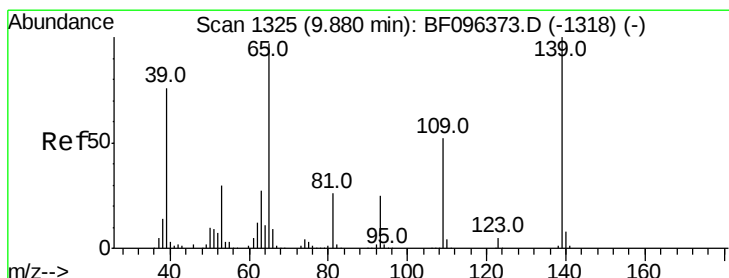
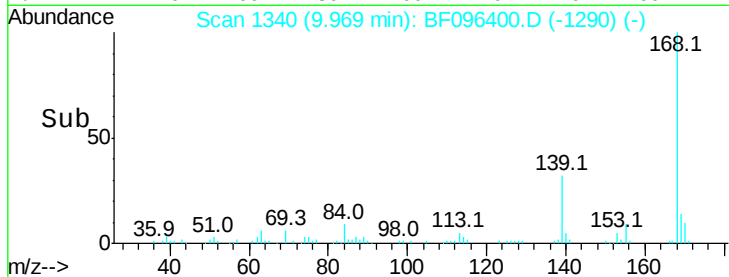
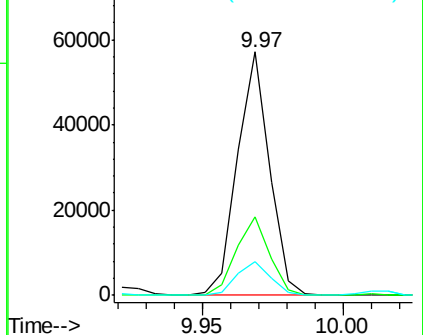
#54
Dibenzenofuran
Concen: 3.31 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 45048
Ion Ratio Lower Upper
168 100
139 32.2 30.6 45.8
169 14.0 10.8 16.2

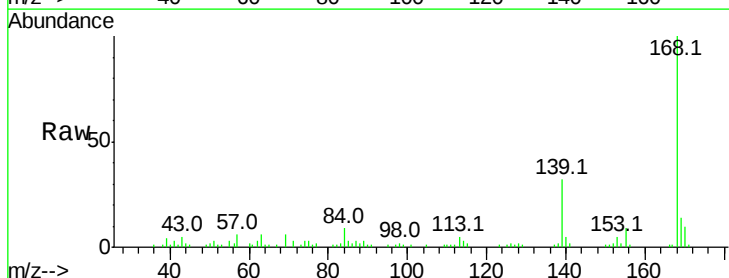


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

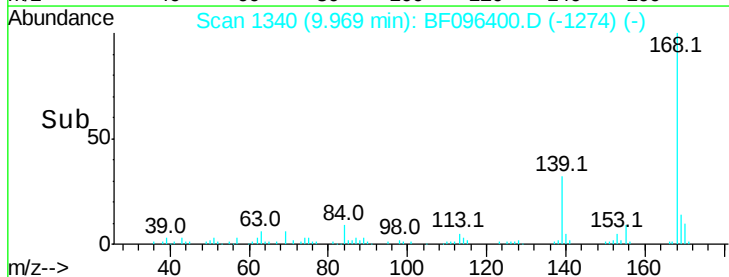
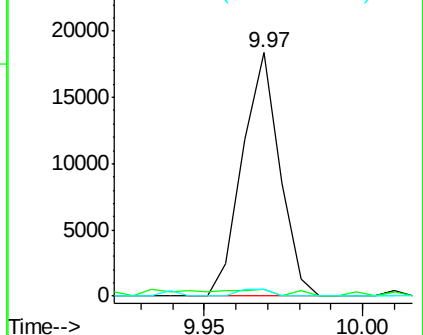


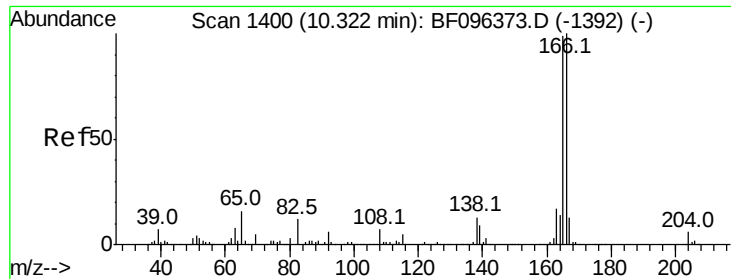
#55
4-Nitrophenol
Concen: 5.32 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.09 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Tgt Ion:139 Resp: 15009
Ion Ratio Lower Upper
139 100
109 2.6 34.1 74.1#
65 2.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

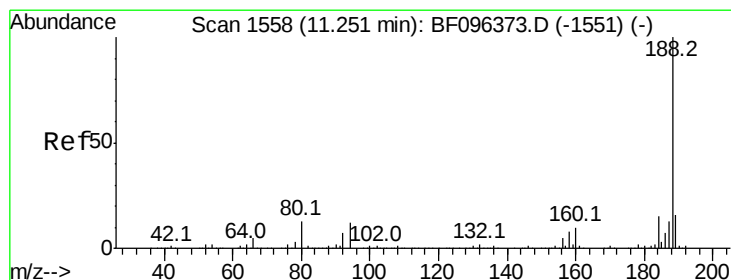
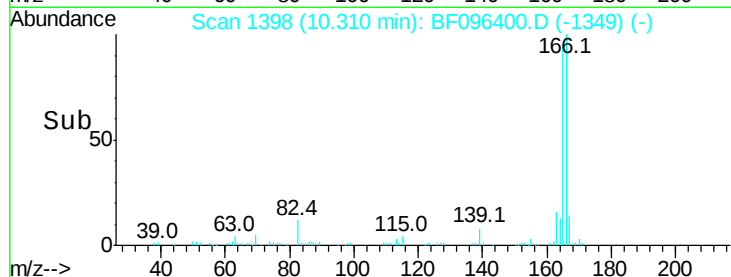
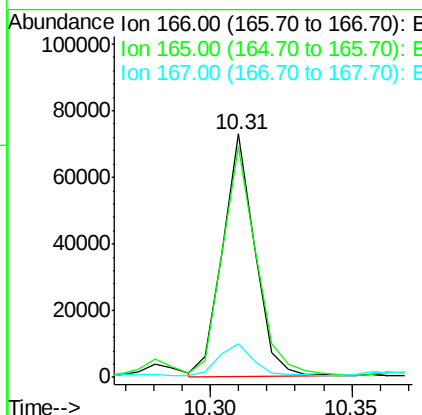
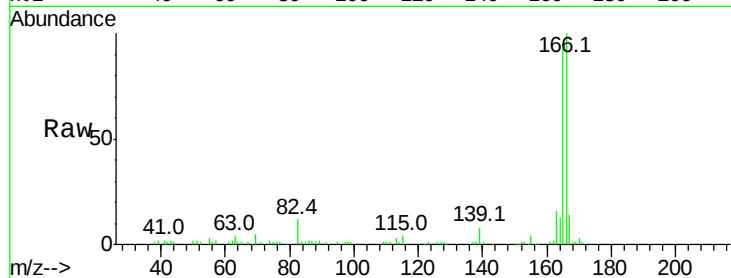




#57
Fluorene
 Concen: 5.98 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF096400.D
 Acq: 2 Jul 2017 1:12

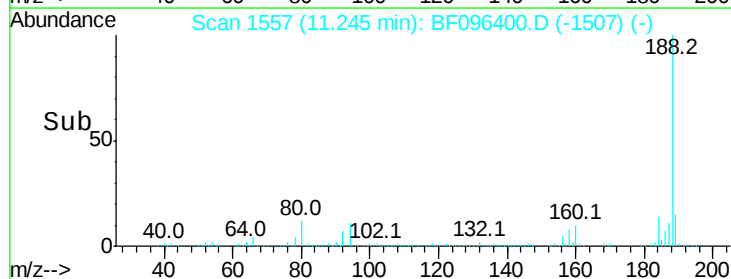
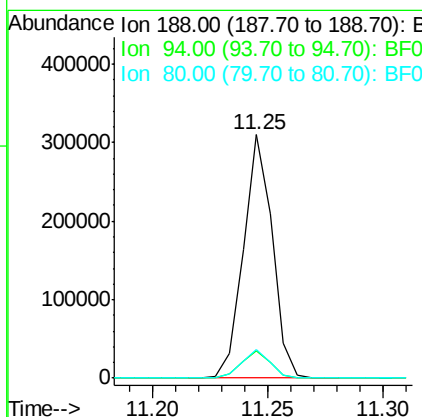
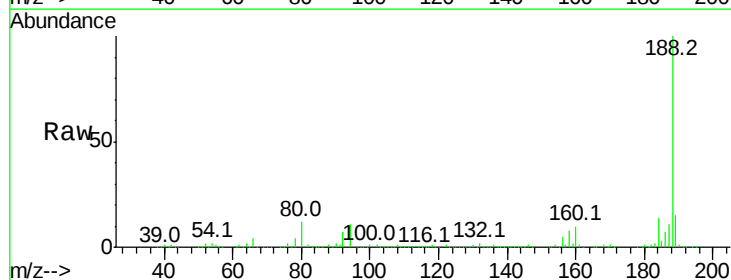
Instrument :
 BNA_F
 ClientSampleId :

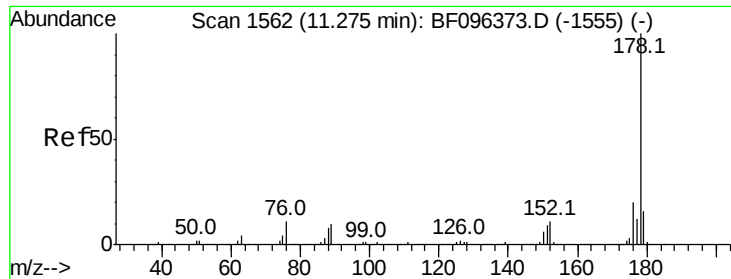
Tot Ion:166 Resp: 57433
 Ion Ratio Lower Upper
 166 100
 165 94.6 78.8 118.2
 167 14.0 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096400.D
 Acq: 2 Jul 2017 1:12

Tgt Ion:188 Resp: 270252
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 11.8 10.2 15.2

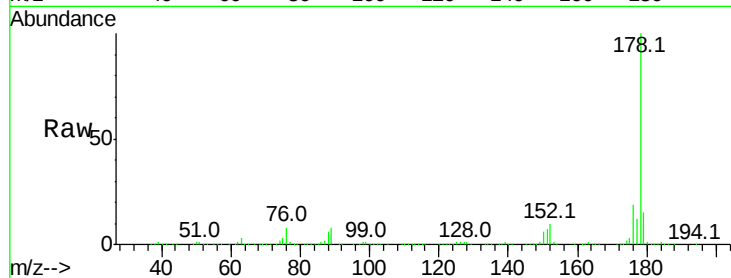




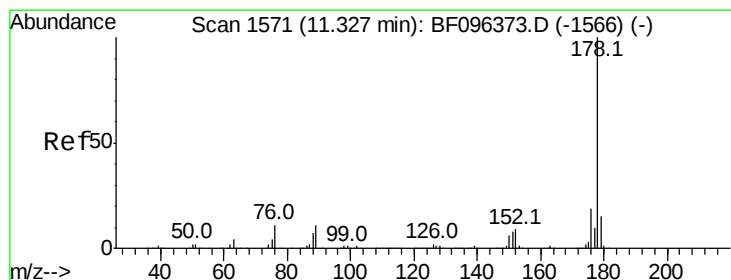
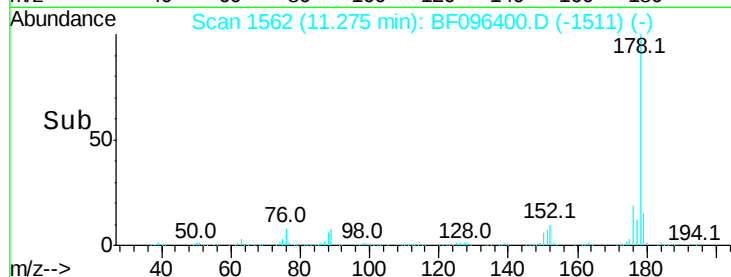
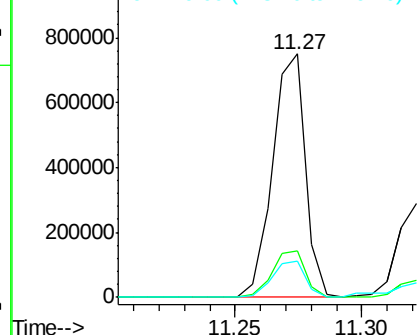
#70
Phenanthrene
Concen: 46.60 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 680786
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 14.9 12.6 19.0

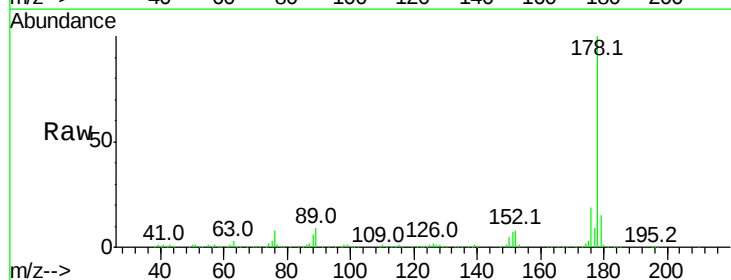


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

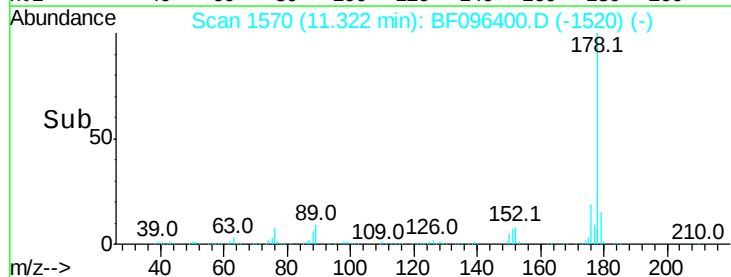
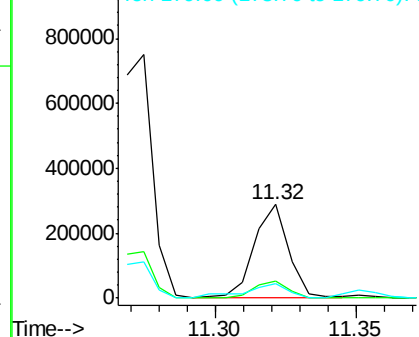


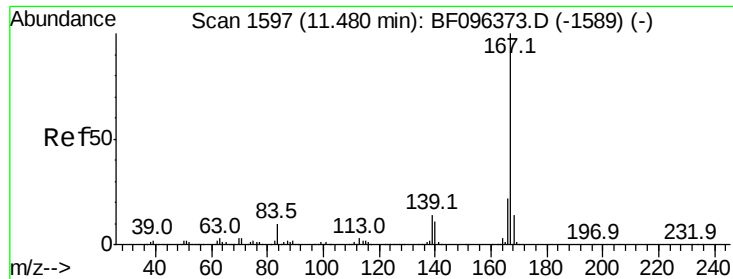
#71
Anthracene
Concen: 15.93 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Tgt Ion:178 Resp: 237147
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 14.9 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: 7.52 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

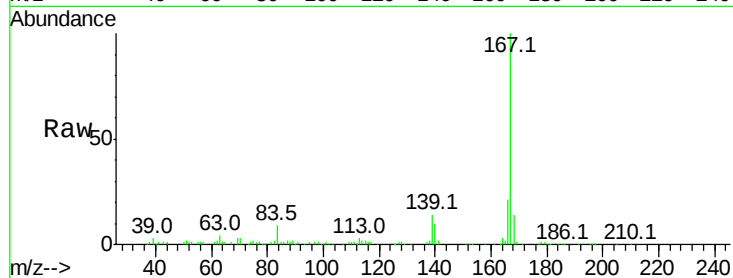
Tot Ion:167 Resp: 112549

Ion Ratio Lower Upper

167 100

166 20.9 18.1 27.1

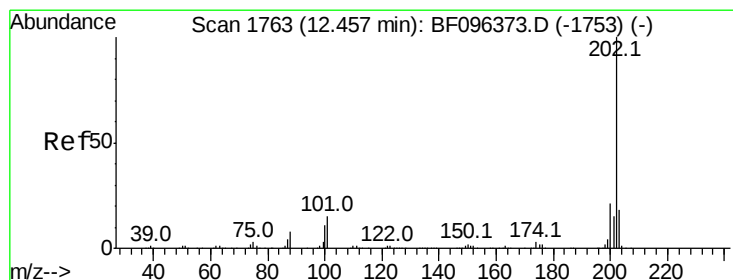
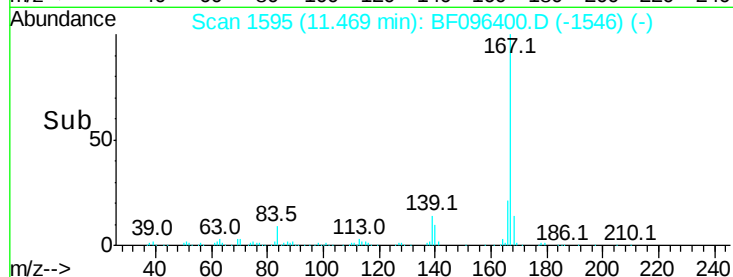
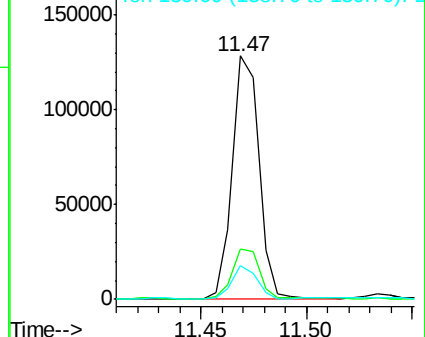
139 13.7 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 82.53 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

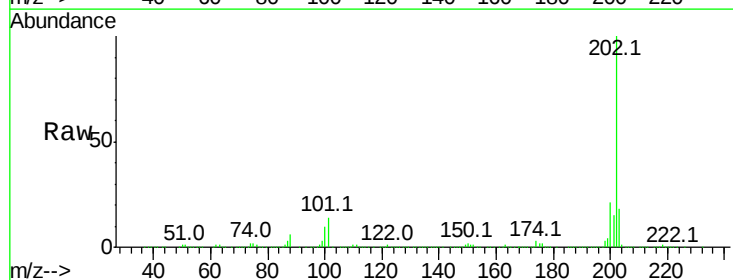
Tgt Ion:202 Resp: 1182123

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

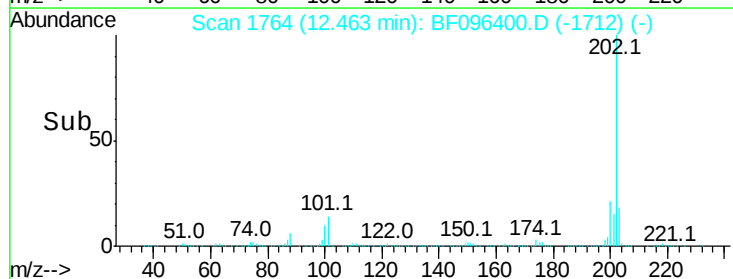
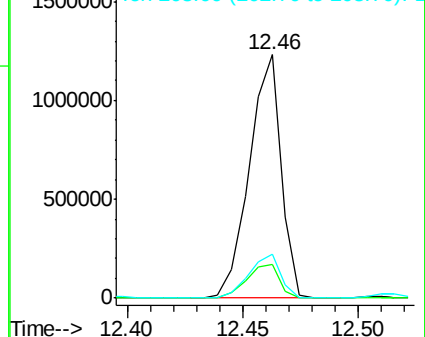
203 17.9 0.0 38.1

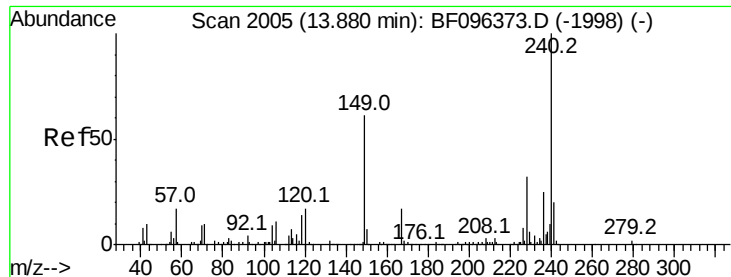


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

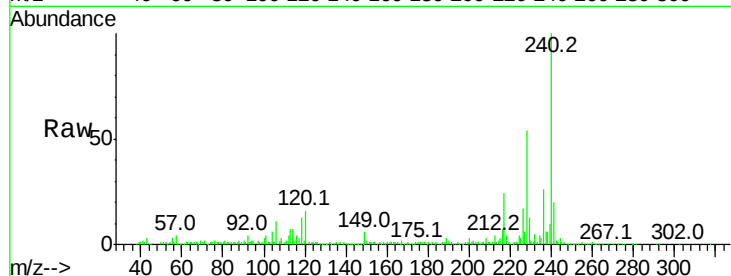
Tot Ion:240 Resp: 242079

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

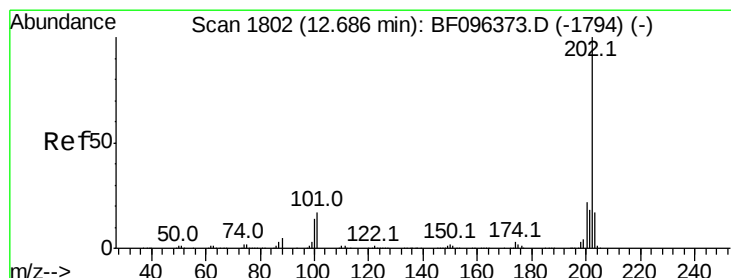
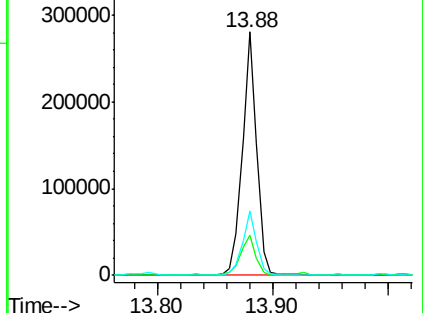
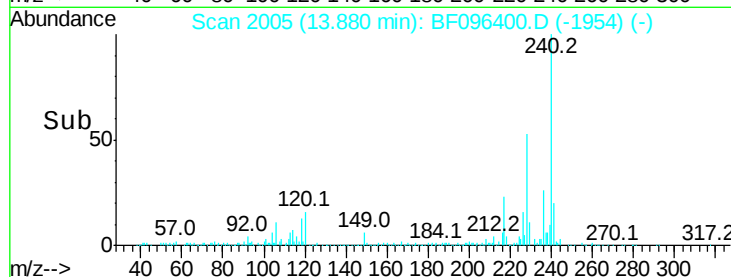
236 26.4 20.5 30.7



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

Pyrene

Concen: 57.80 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

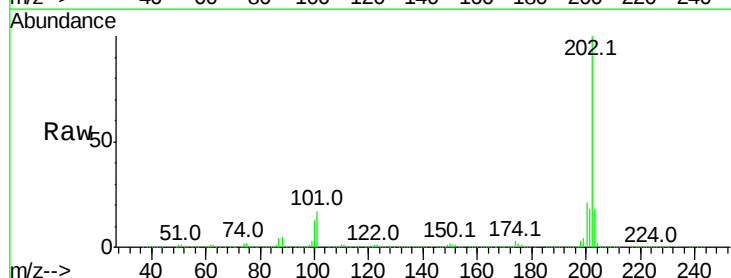
Tgt Ion:202 Resp: 1123137

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

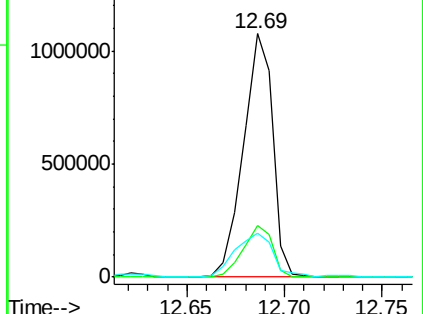
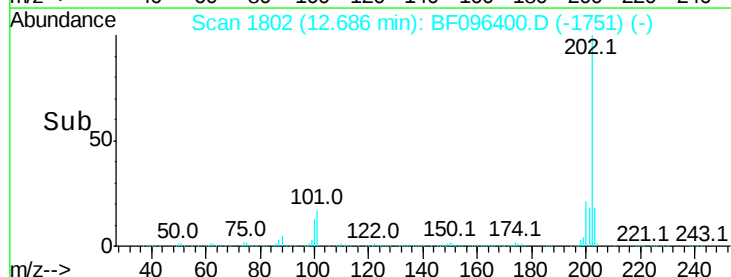
203 17.8 14.4 21.6

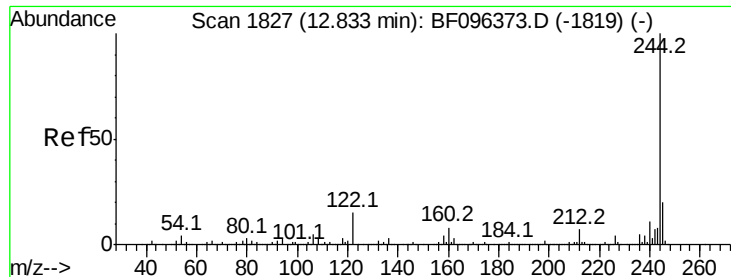


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

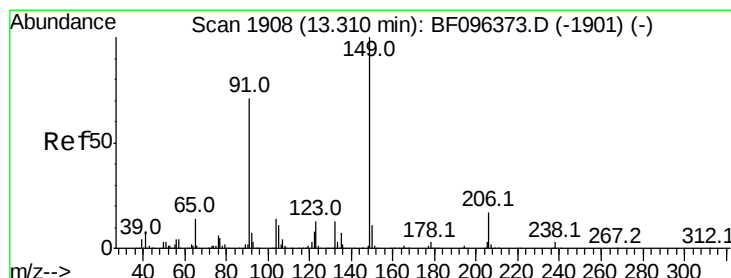
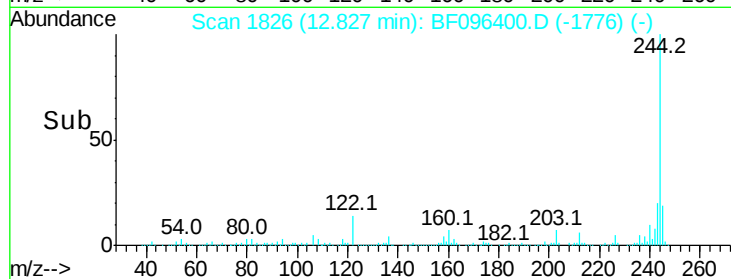
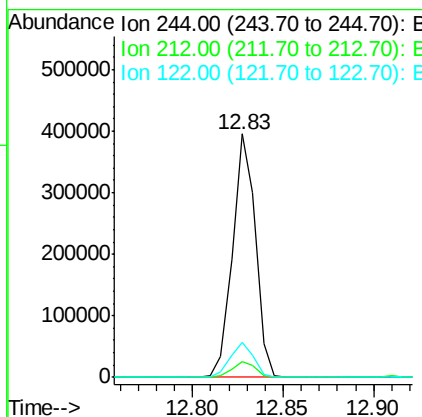
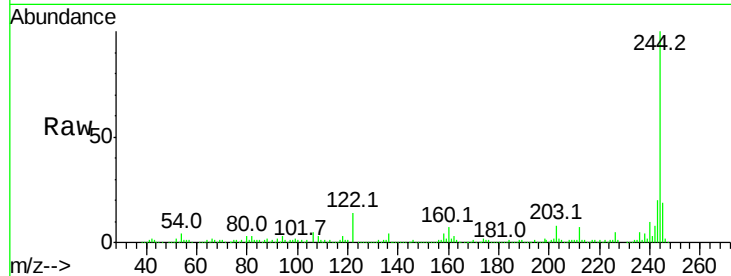




#78
 Terphenyl-d14
 Concen: 30.68 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096400.D
 Acq: 2 Jul 2017 1:12

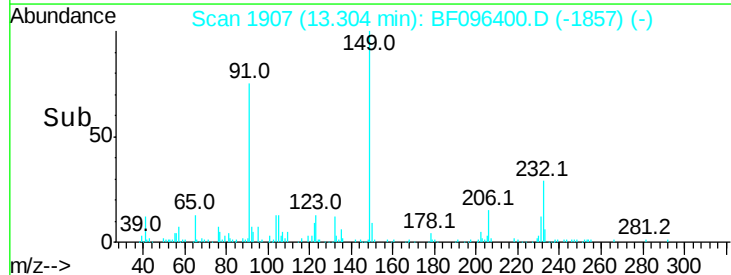
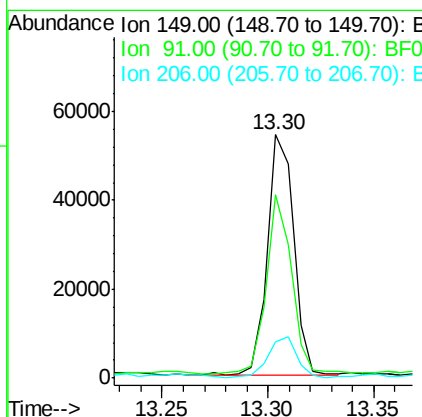
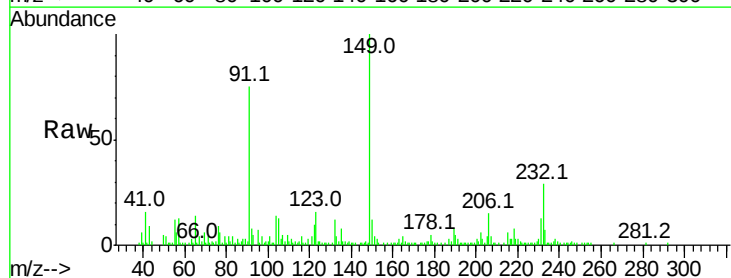
Instrument :
 BNA_F
 ClientSampled :

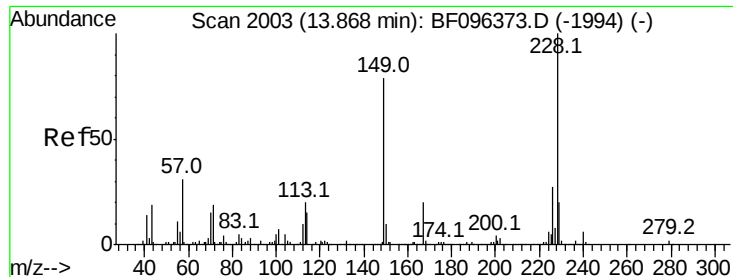
Tot Ion:244 Resp: 347533
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.5 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 4.77 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF096400.D
 Acq: 2 Jul 2017 1:12

Tgt Ion:149 Resp: 46967
 Ion Ratio Lower Upper
 149 100
 91 75.3 45.0 67.4#
 206 15.1 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 44.75 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

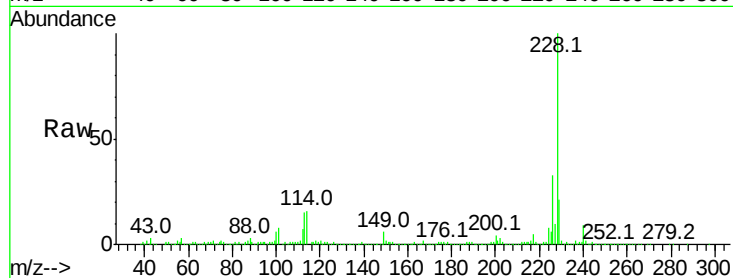
Tot Ion:228 Resp: 627306

Ion Ratio Lower Upper

228 100

226 32.6 22.6 33.8

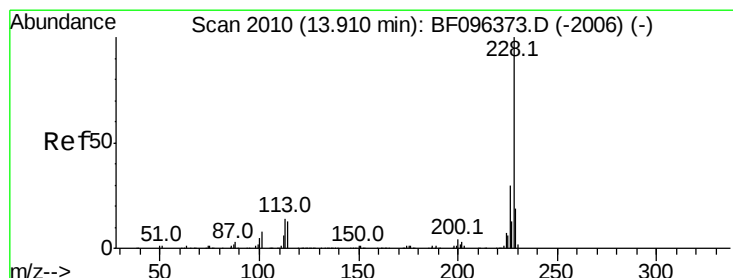
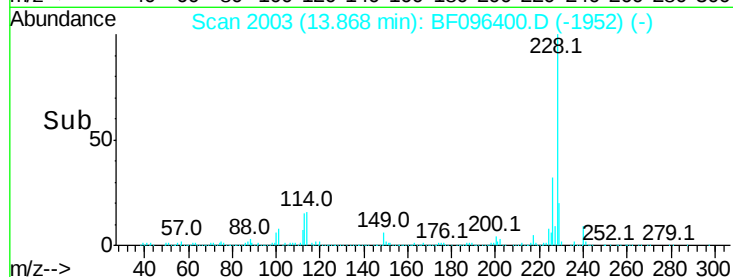
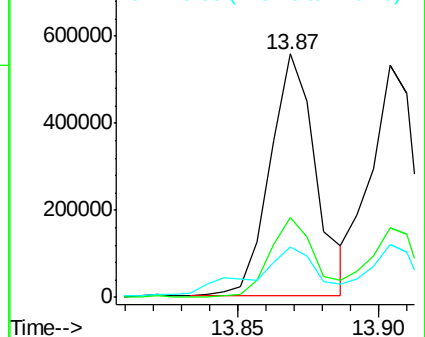
229 20.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 38.14 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

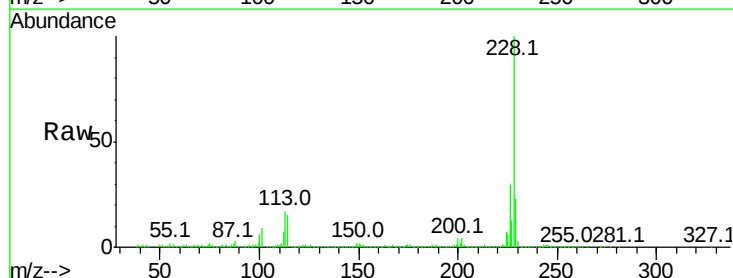
Tgt Ion:228 Resp: 559938

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

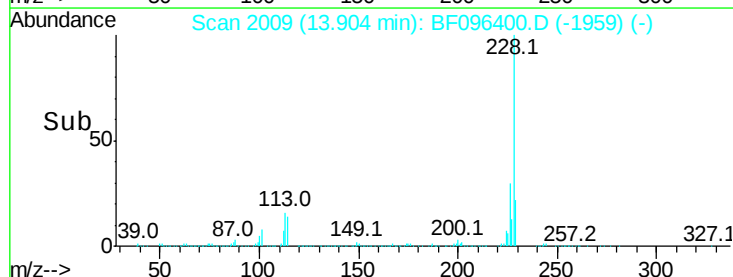
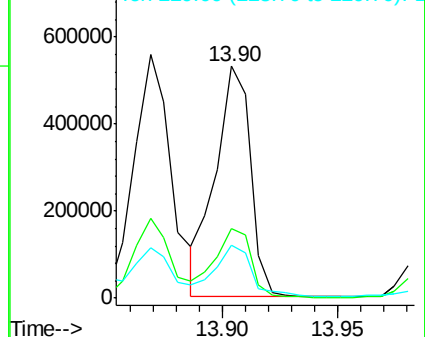
229 22.9 15.8 23.6

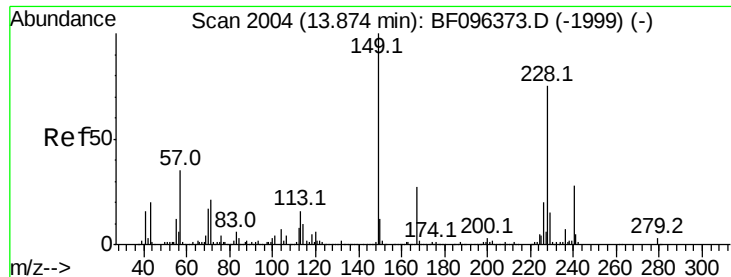


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.58 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

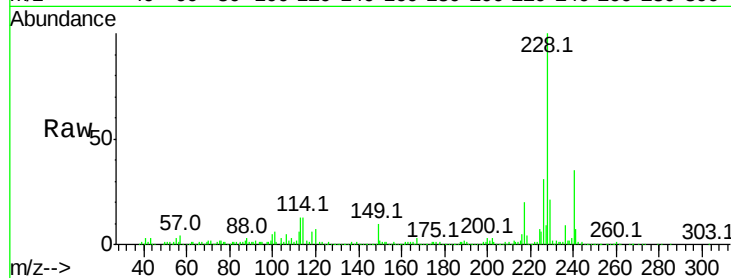
Tot Ion:149 Resp: 39333

Ion Ratio Lower Upper

149 100

167 25.2 21.0 31.4

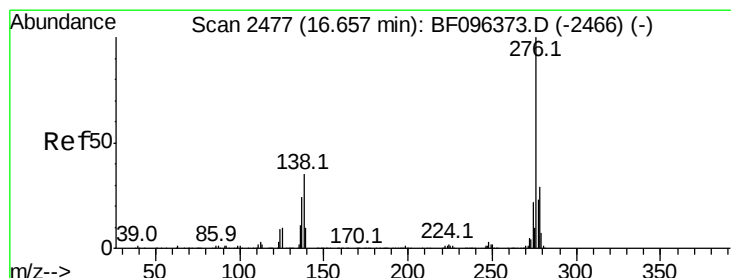
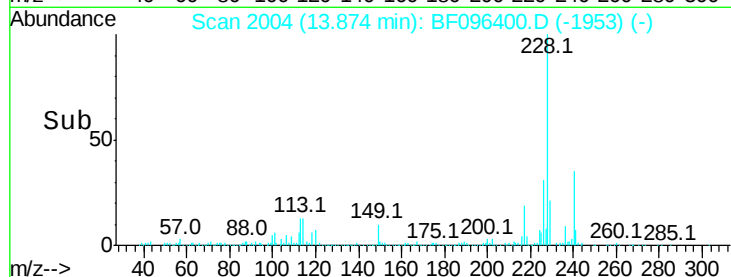
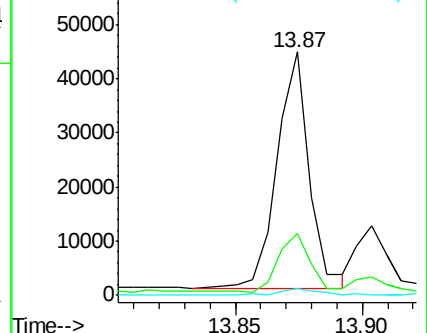
279 2.7 1.9 2.9



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 20.84 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.01 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

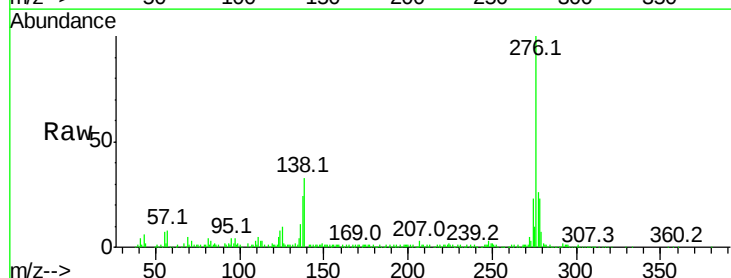
Tgt Ion:276 Resp: 241481

Ion Ratio Lower Upper

276 100

138 31.4 27.8 41.6

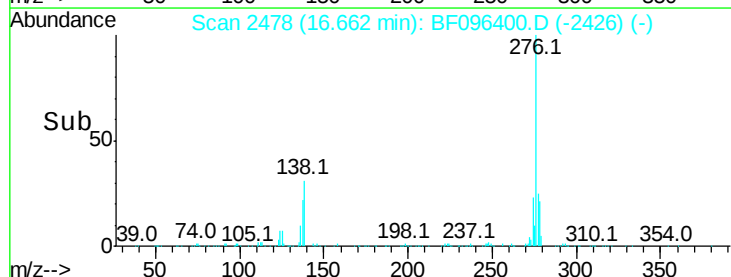
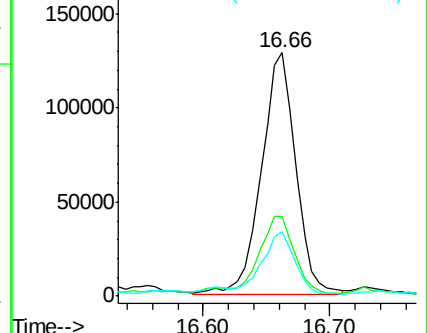
277 26.3 20.2 30.4

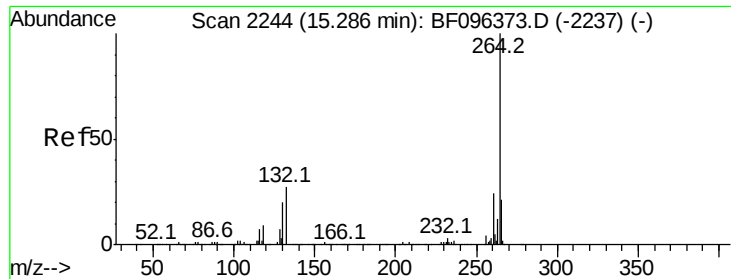


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



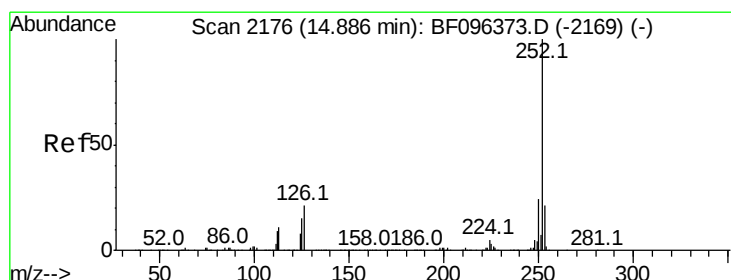
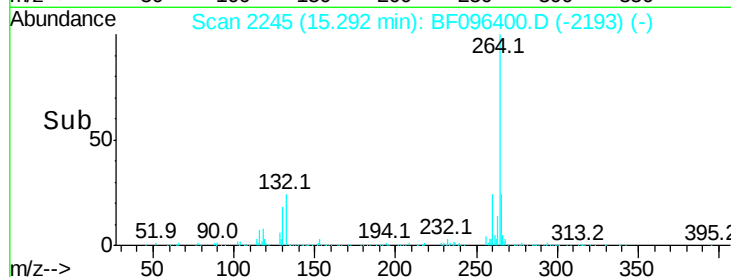
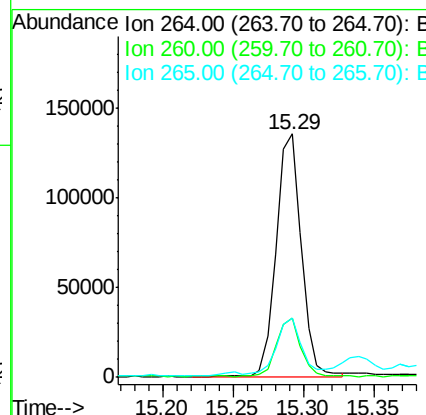
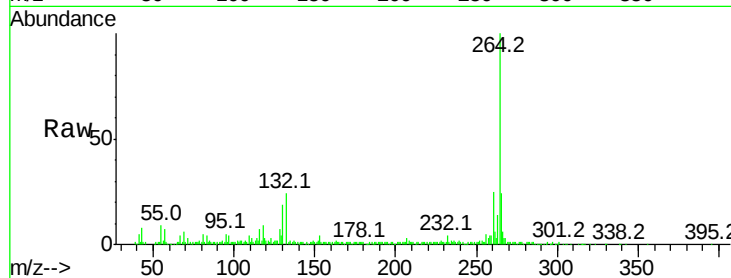


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 168771

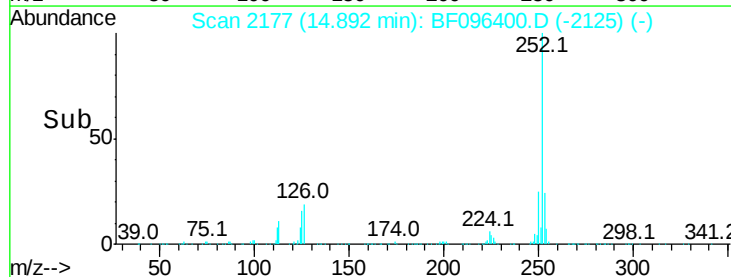
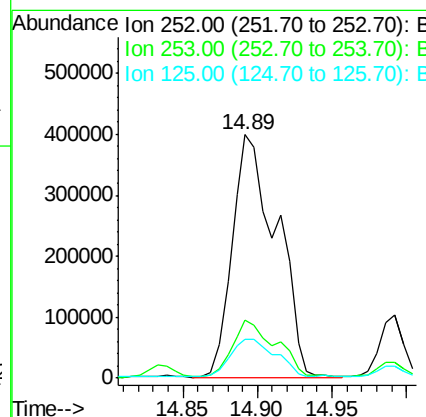
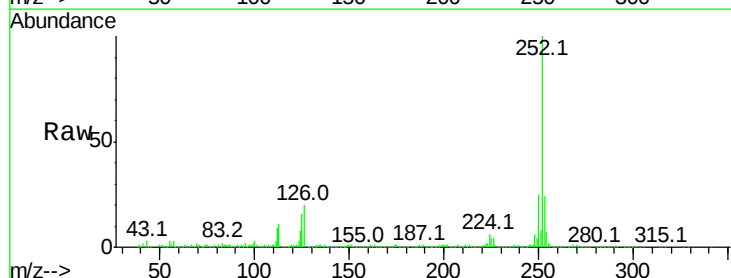
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	24.2	17.2	25.8

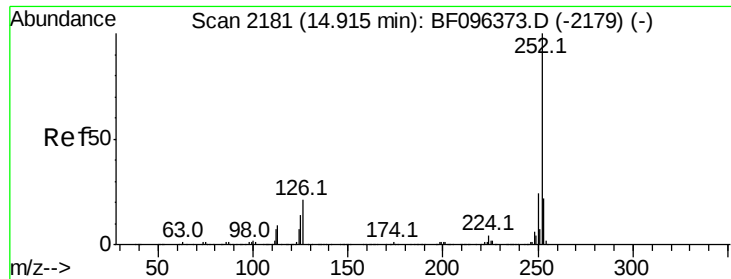


#87
Benzo(b)fluoranthene
Concen: 77.80 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Tgt Ion:252 Resp: 822737

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	16.1	9.8	14.8#

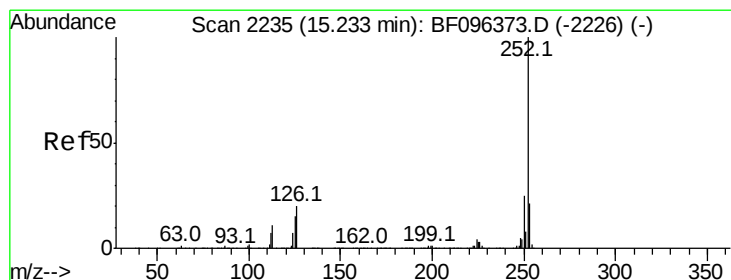
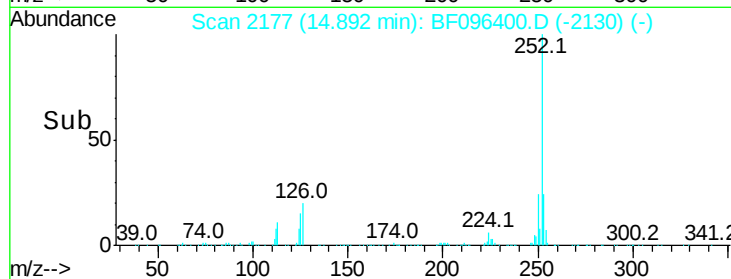
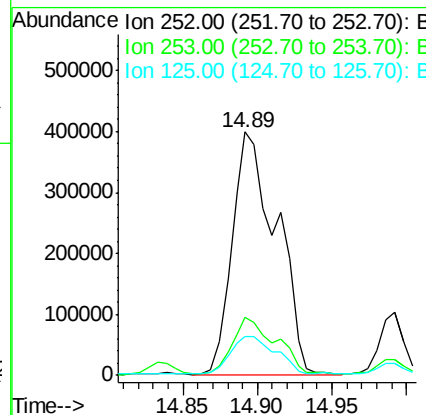
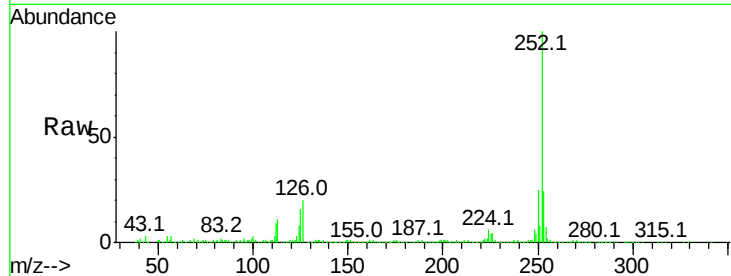




#88
Benzo(k)fluoranthene
Concen: 86.97 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

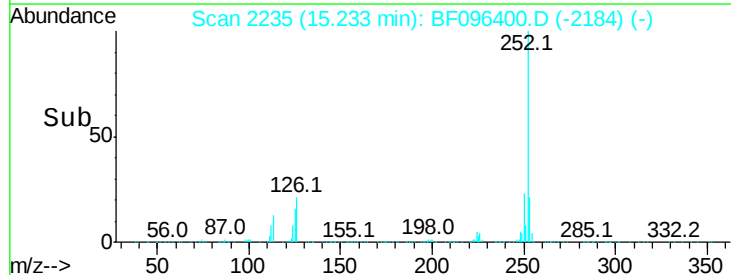
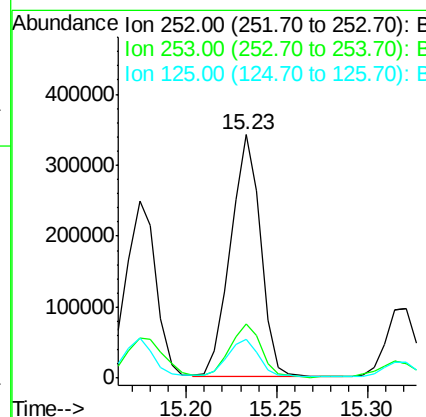
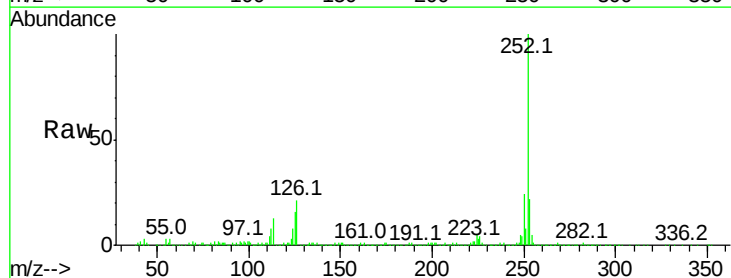
Instrument :
BNA_F
ClientSampleId :

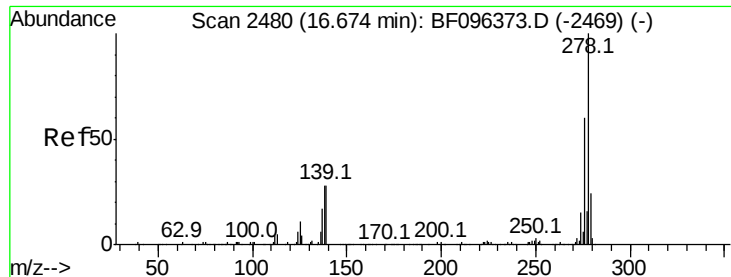
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	16.1	13.1	19.7



#89
Benzo(a)pyrene
Concen: 41.47 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF096400.D
Acq: 2 Jul 2017 1:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	16.1	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 8.29 ng

RT: 16.67 min Scan# 2479

Delta R.T. -0.01 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

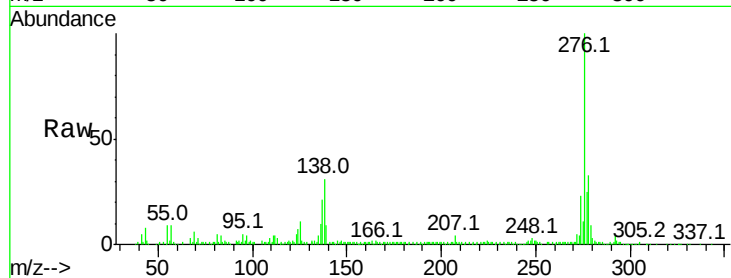
Tot Ion:278 Resp: 61558

Ion Ratio Lower Upper

278 100

139 25.8 16.6 24.8#

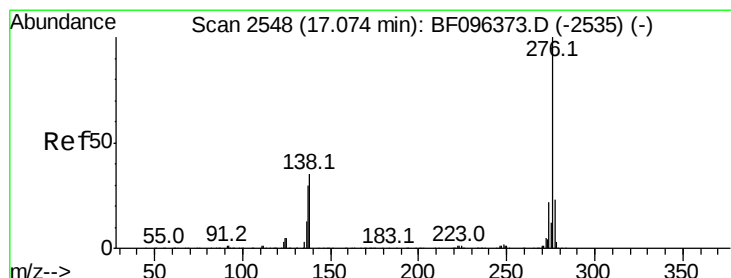
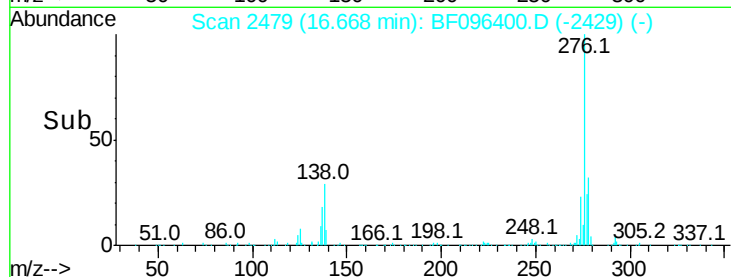
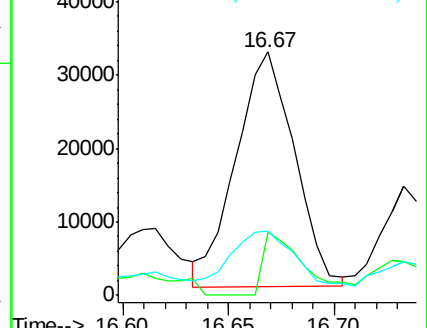
279 26.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 29.83 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.00 min

Lab File: BF096400.D

Acq: 2 Jul 2017 1:12

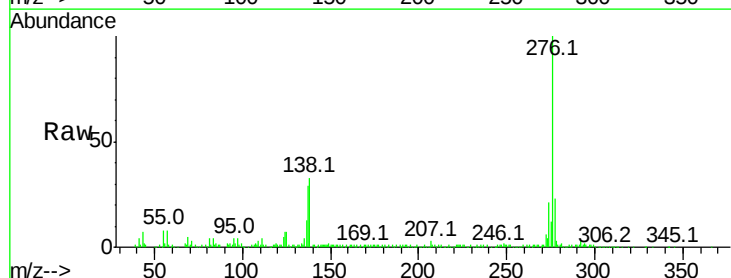
Tgt Ion:276 Resp: 229592

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 33.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

