

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096512.D
 Acq On : 6 Jul 2017 5:10
 Operator : SJ/MA
 Sample : I3975-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7-6-8

Quant Time: Jul 06 06:30:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

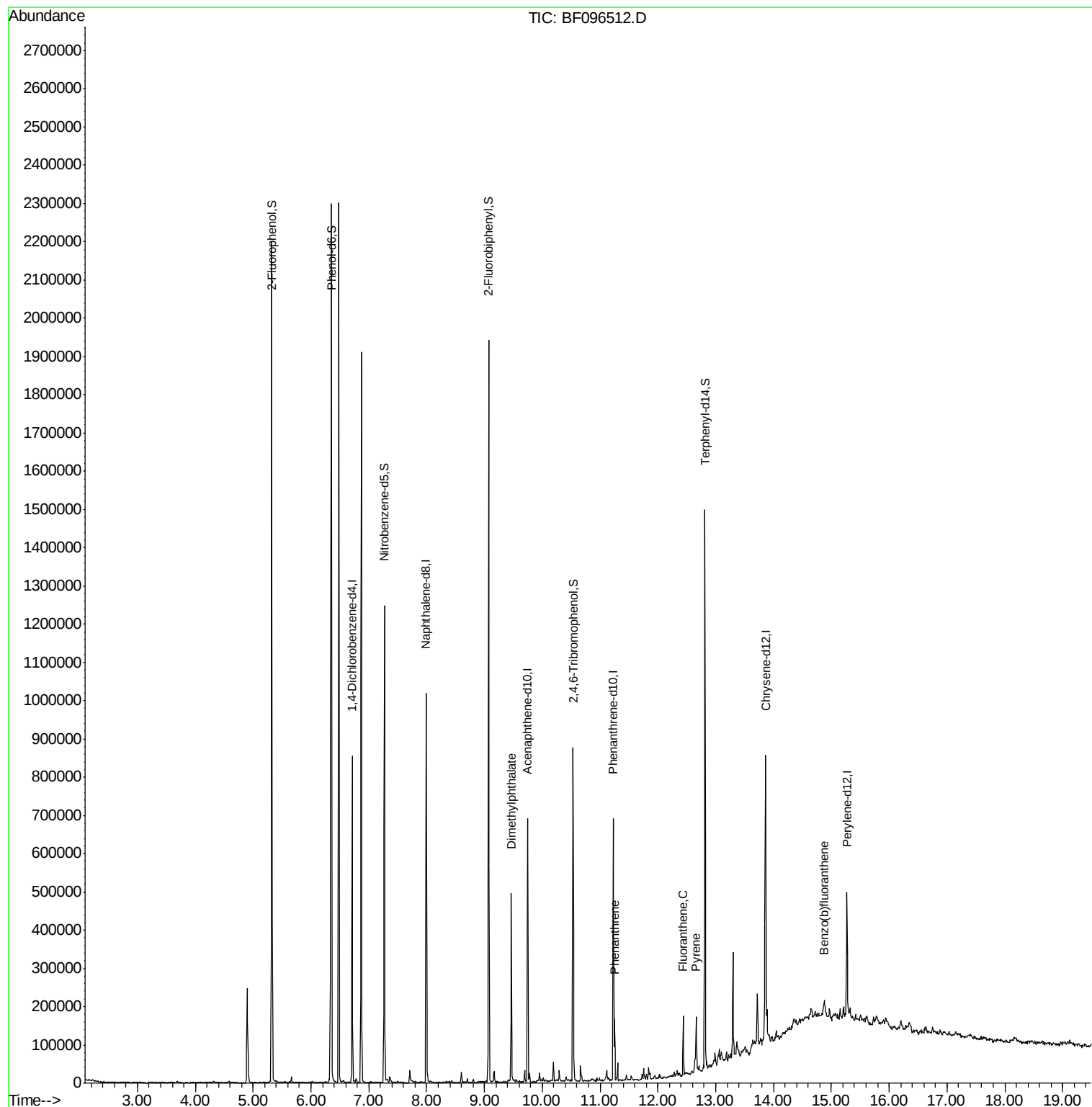
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	121179	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	449283	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	144466	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	229238	20.00	ng	0.00
75) Chrysene-d12	13.86	240	234773	20.00	ng	0.00
86) Perylene-d12	15.27	264	145499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	643445	78.37	ng	0.00
7) Phenol-d6	6.35	99	736108	72.93	ng	0.00
23) Nitrobenzene-d5	7.27	82	388255	51.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	91547	81.13	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	575584	68.12	ng	0.00
78) Terphenyl-d14	12.82	244	433641	39.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	204246	18.94	ng	99
70) Phenanthrene	11.25	178	52286	4.22	ng	99
74) Fluoranthene	12.44	202	58155	4.79	ng	95
77) Pyrene	12.66	202	55664	2.95	ng	99
87) Benzo(b)fluoranthene	14.87	252	18522m	2.03	ng	

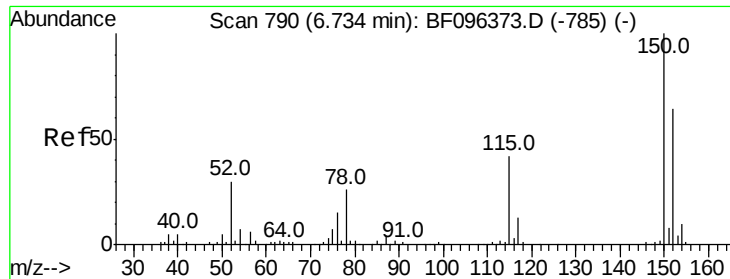
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096512.D

Acq: 6 Jul 2017 5:10

Instrument :

BNA_F

ClientSampleId :

B7-6-8

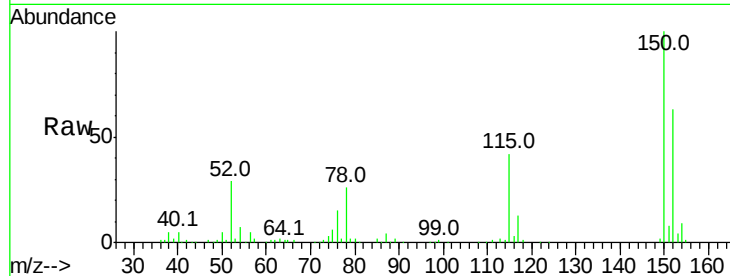
Tot Ion:152 Resp: 121179

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

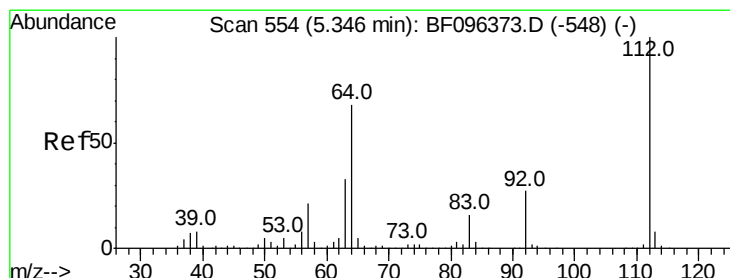
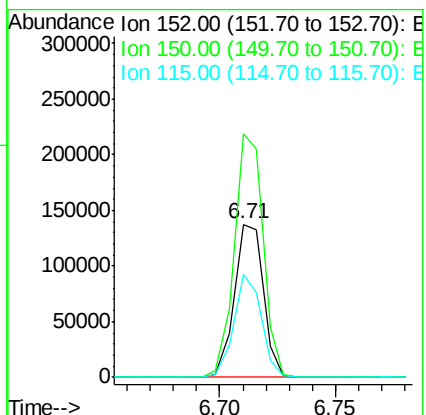
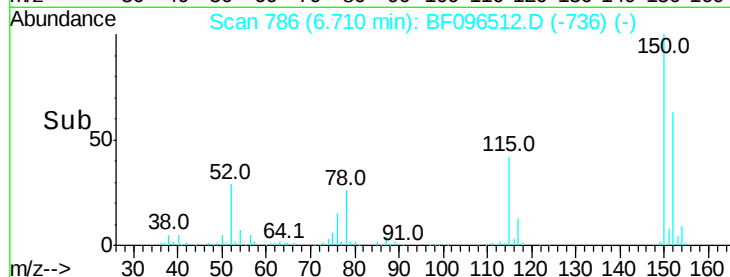
115 67.1 52.2 78.2



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: 78.37 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF096512.D

Acq: 6 Jul 2017 5:10

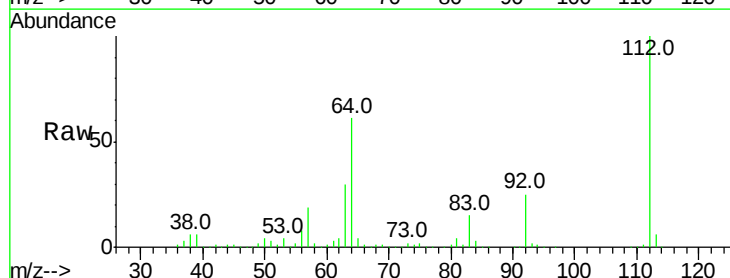
Tgt Ion:112 Resp: 643445

Ion Ratio Lower Upper

112 100

64 61.1 46.0 69.0

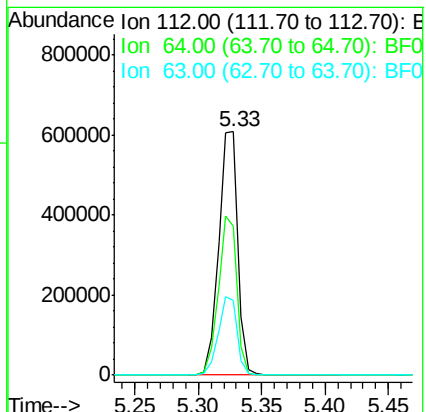
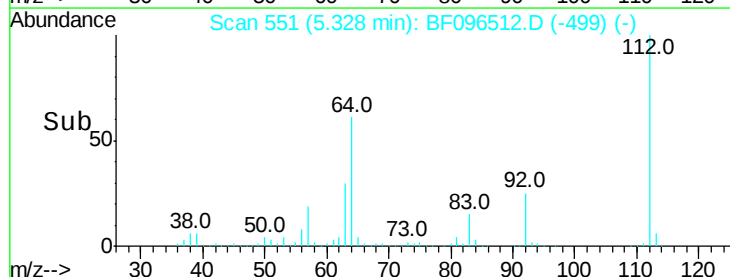
63 30.4 23.4 35.0



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: 72.93 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096512.D

Acq: 6 Jul 2017 5:10

Instrument :

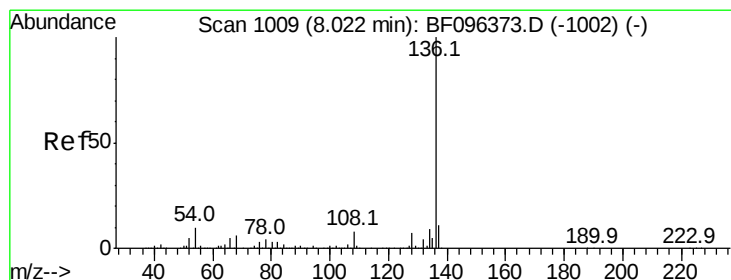
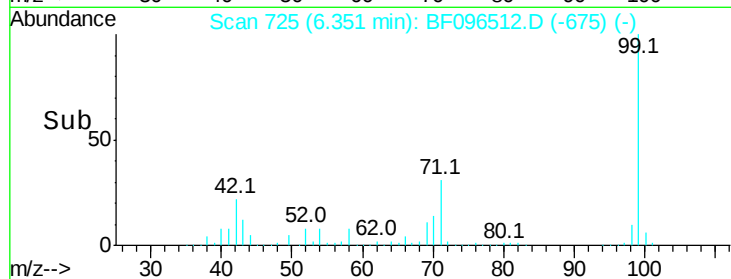
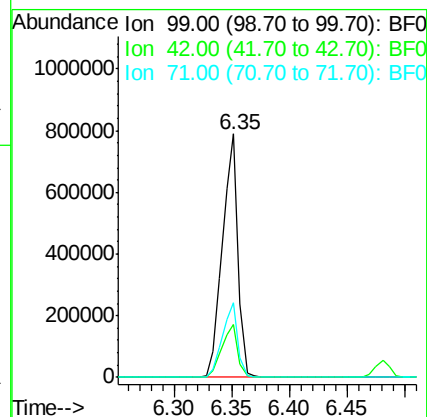
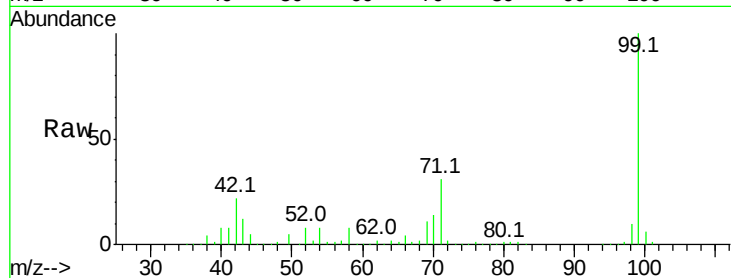
BNA_F

ClientSampled :

B7-6-8

Tot Ion: 99 Resp: 736108

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	30.7	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

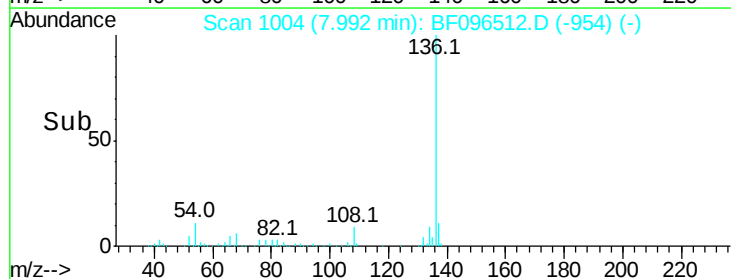
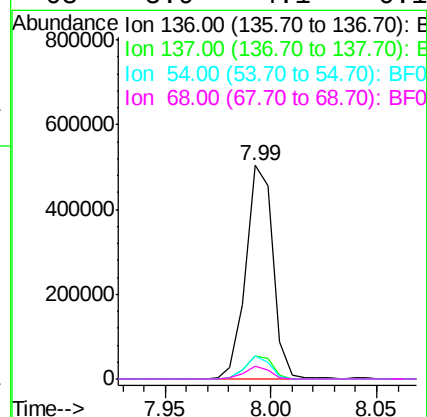
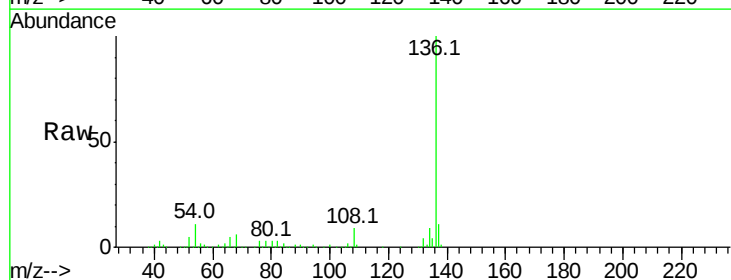
Delta R.T. -0.01 min

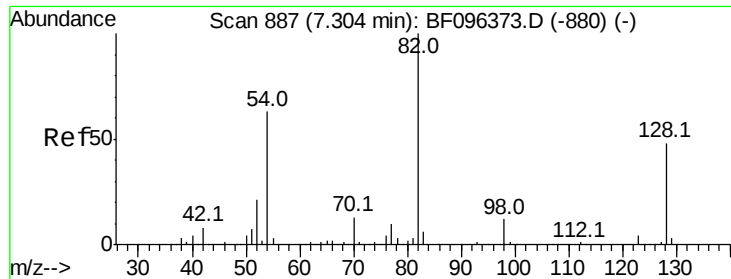
Lab File: BF096512.D

Acq: 6 Jul 2017 5:10

Tgt Ion: 136 Resp: 449283

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.7	4.9	7.3#
68	5.9	4.1	6.1

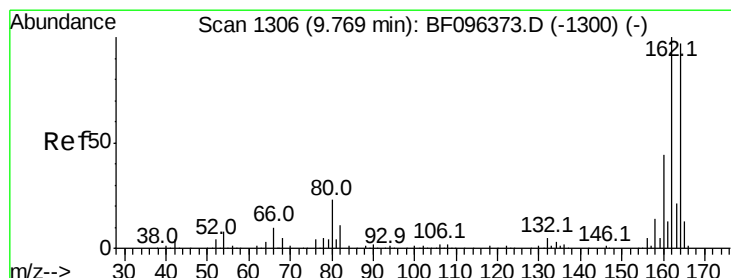
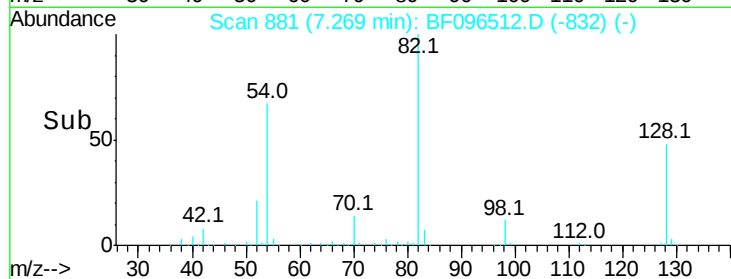
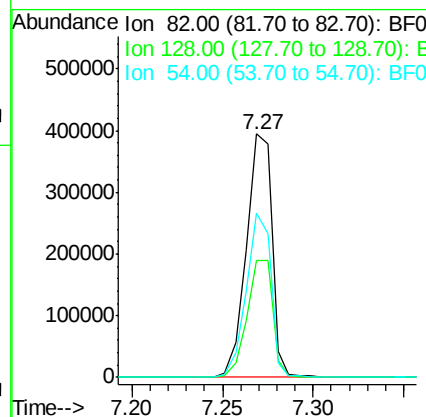
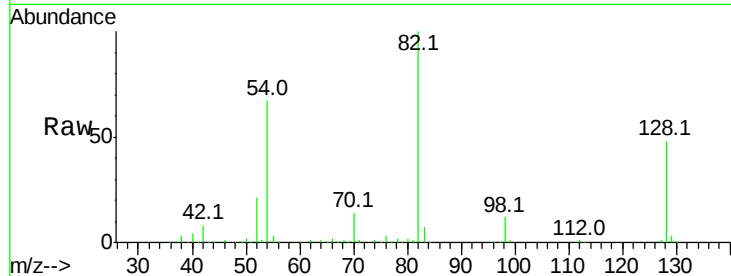




#23
 Nitrobenzene-d5
 Concen: 51.93 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF096512.D
 Acq: 6 Jul 2017 5:10

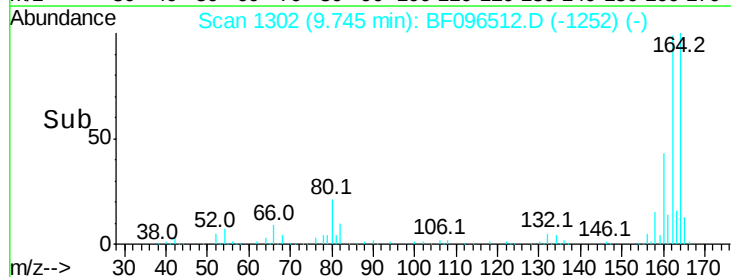
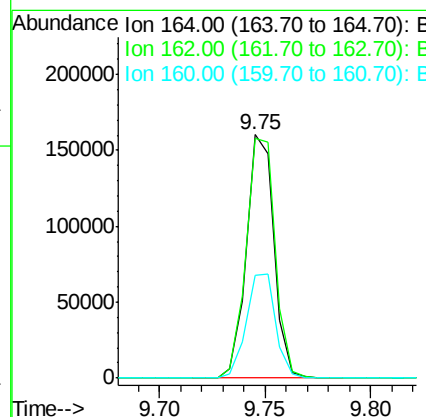
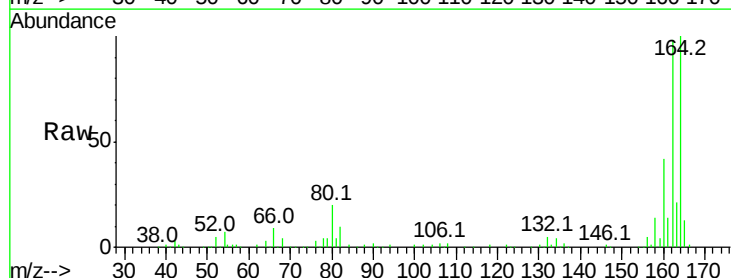
Instrument :
 BNA_F
 ClientSampleId :
 B7-6-8

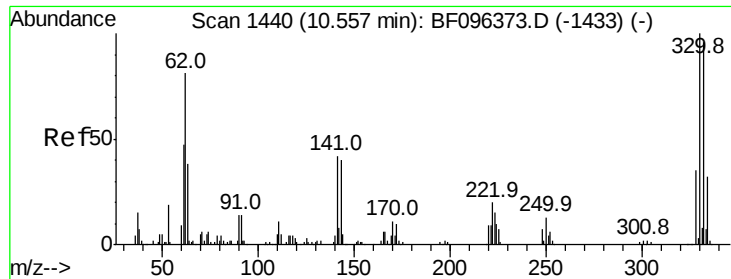
Tot Ion: 82 Resp: 388255
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 67.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096512.D
 Acq: 6 Jul 2017 5:10

Tgt Ion:164 Resp: 144466
 Ion Ratio Lower Upper
 164 100
 162 98.3 82.6 123.8
 160 42.4 36.2 54.2

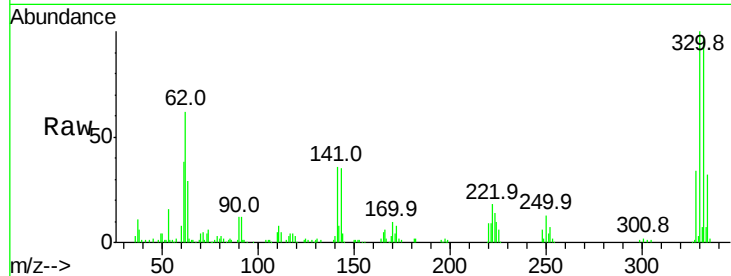




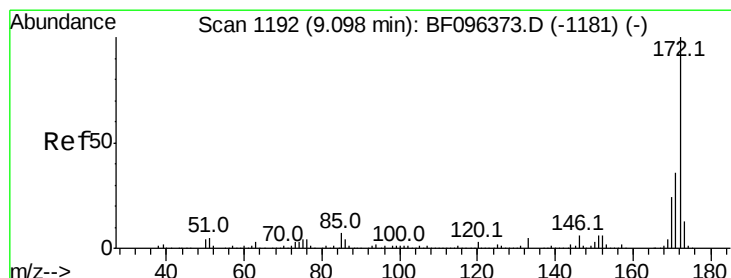
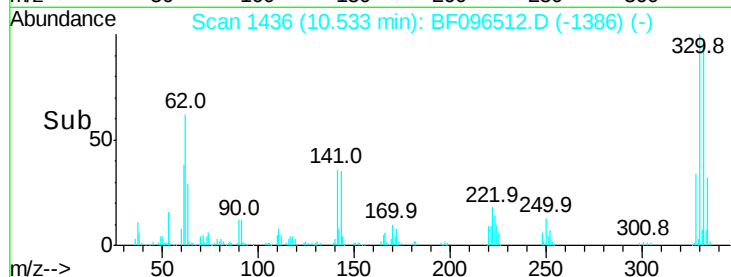
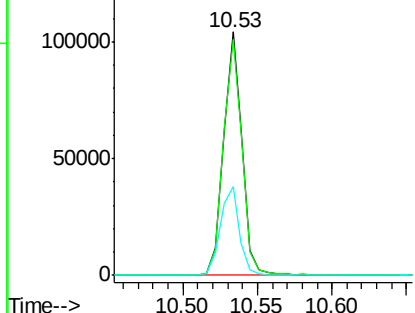
#41
 2,4,6-Tribromophenol
 Concen: 81.13 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096512.D
 Acq: 6 Jul 2017 5:10

Instrument :
 BNA_F
 ClientSampleId :
 B7-6-8

Tot Ion:330 Resp: 91547
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 37.2 31.4 47.2

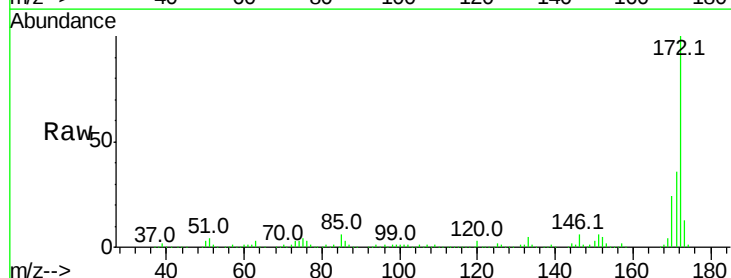


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

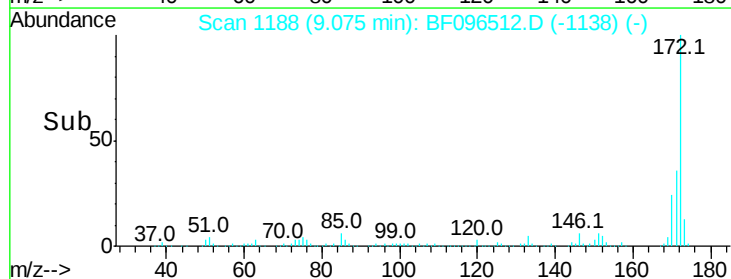
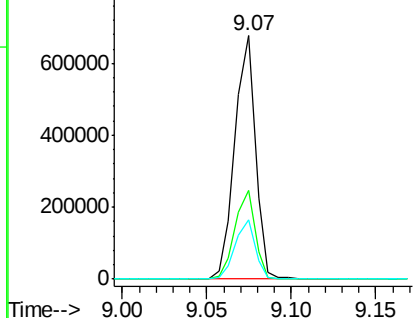


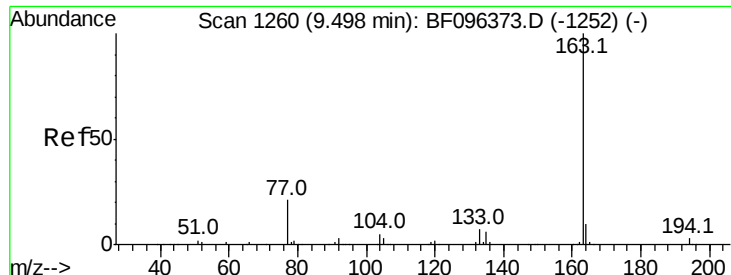
#44
 2-Fluorobiphenyl
 Concen: 68.12 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096512.D
 Acq: 6 Jul 2017 5:10

Tgt Ion:172 Resp: 575584
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.4 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

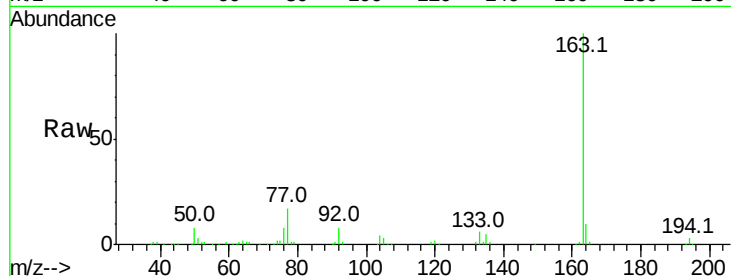




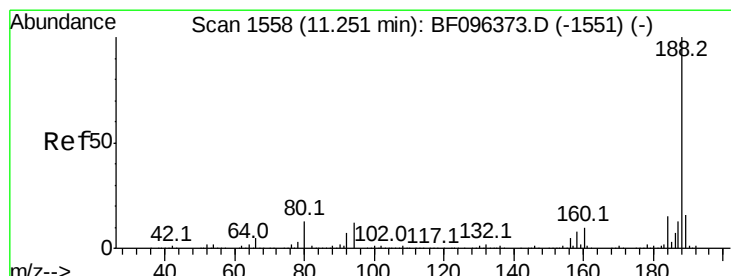
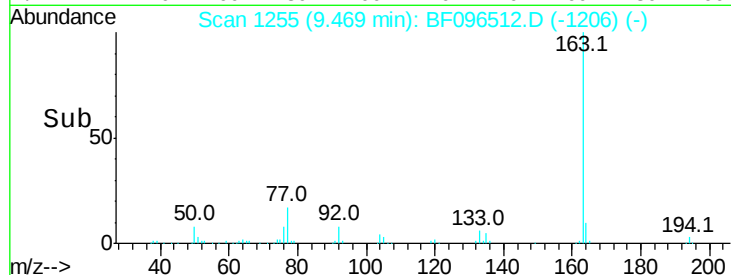
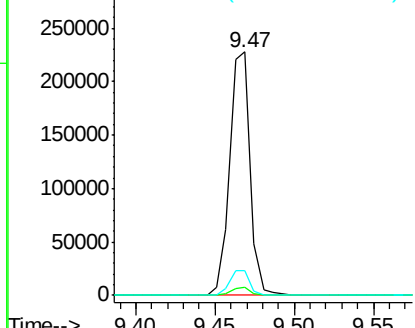
#49
 Dimethylphthalate
 Concen: 18.94 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF096512.D
 Acq: 6 Jul 2017 5:10

Instrument :
 BNA_F
 ClientSampleID :
 B7-6-8

Tot Ion:163 Resp: 204246
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.1 8.4 12.6

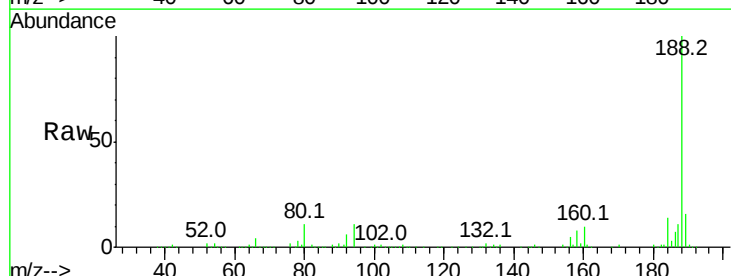


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

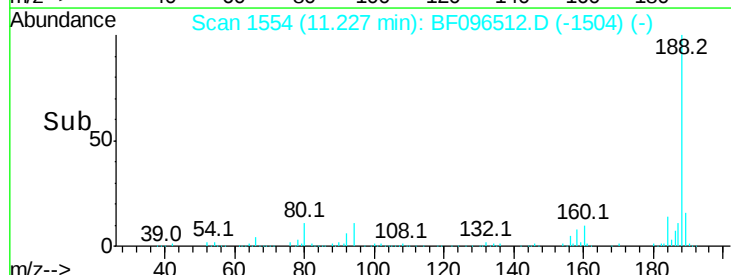
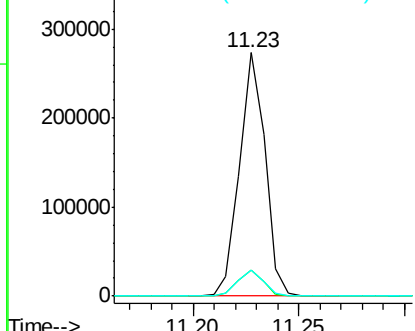


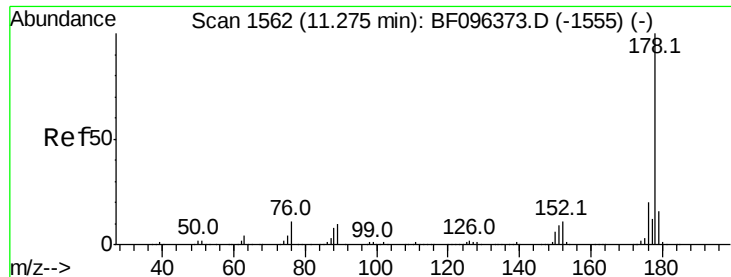
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096512.D
 Acq: 6 Jul 2017 5:10

Tgt Ion:188 Resp: 229238
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 10.8 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

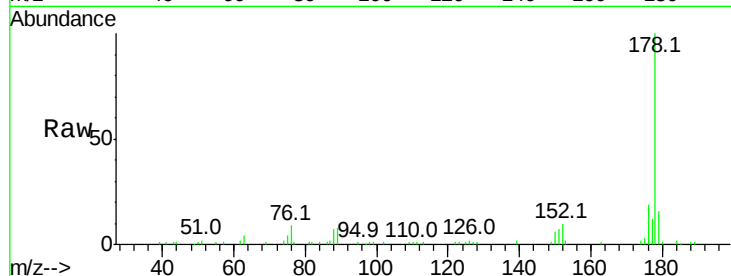




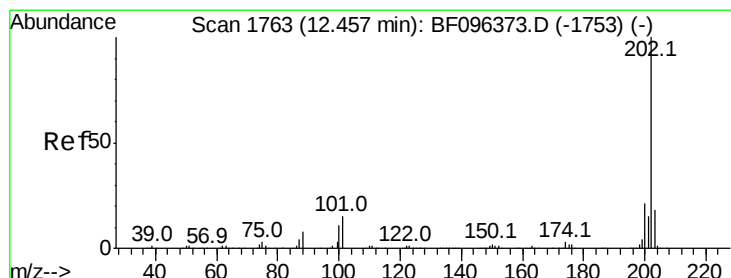
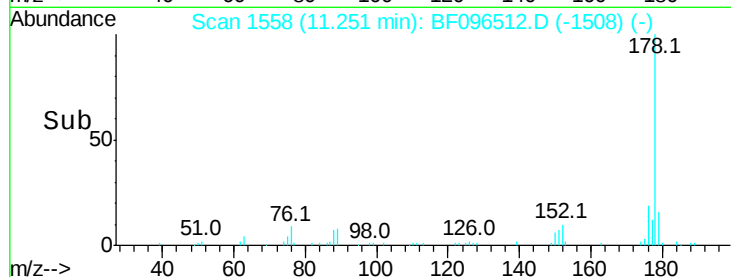
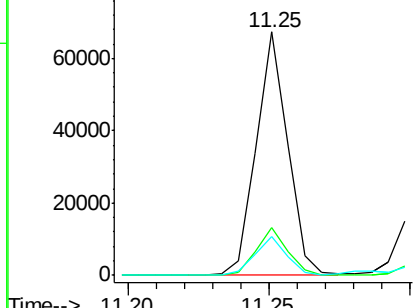
#70
Phenanthrene
Concen: 4.22 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096512.D
Acq: 6 Jul 2017 5:10

Instrument :
BNA_F
ClientSampleId :
B7-6-8

Tot Ion:178 Resp: 52286
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.8 12.6 19.0

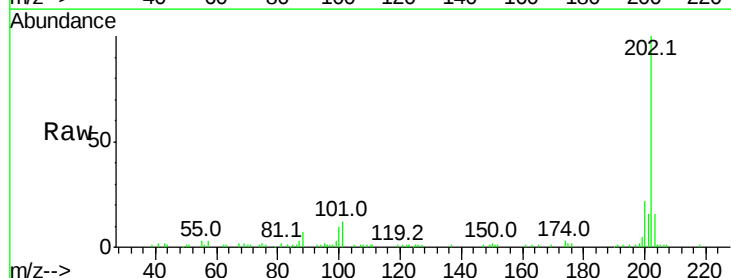


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

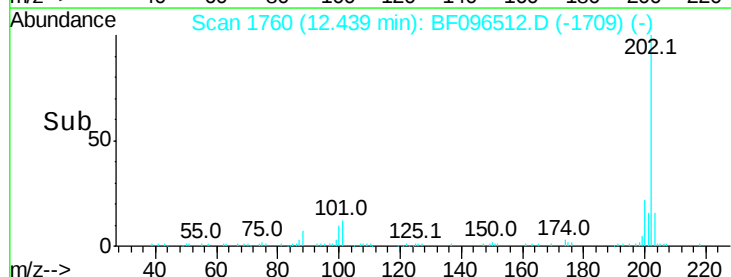
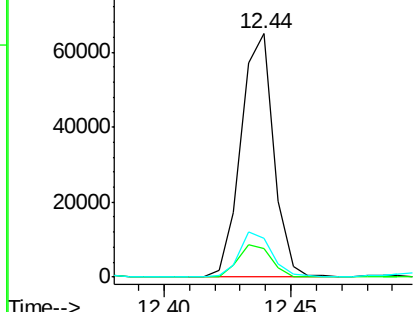


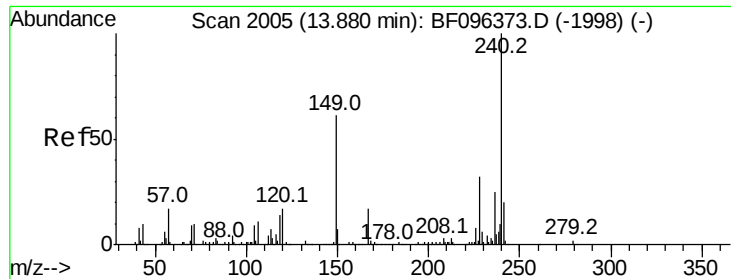
#74
Fluoranthene
Concen: 4.79 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BF096512.D
Acq: 6 Jul 2017 5:10

Tgt Ion:202 Resp: 58155
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.2
203 15.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096512.D

Acq: 6 Jul 2017 5:10

Instrument :

BNA_F

ClientSampleId :

B7-6-8

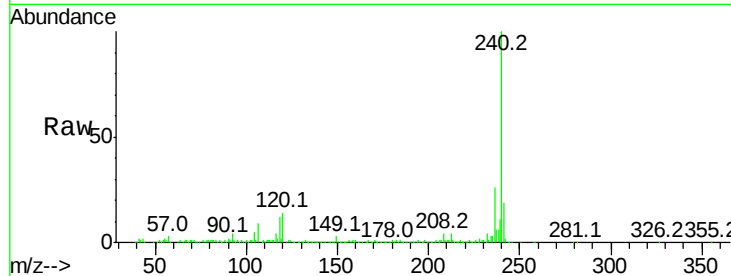
Tot Ion:240 Resp: 234773

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

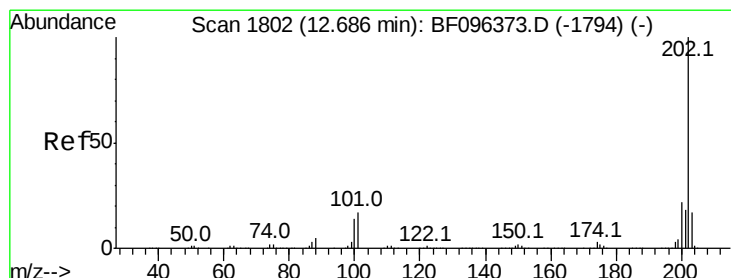
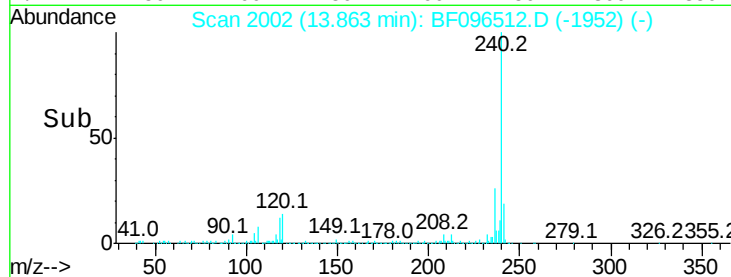
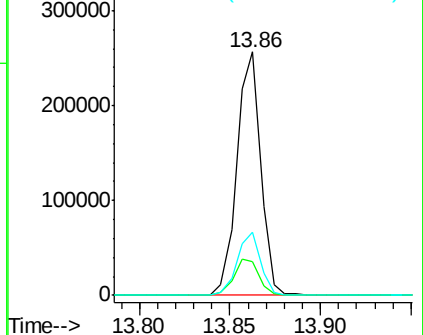
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.95 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096512.D

Acq: 6 Jul 2017 5:10

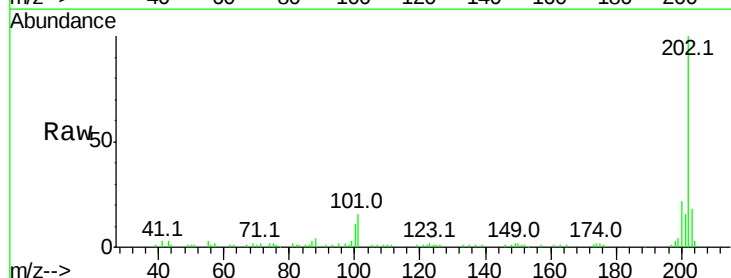
Tgt Ion:202 Resp: 55664

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

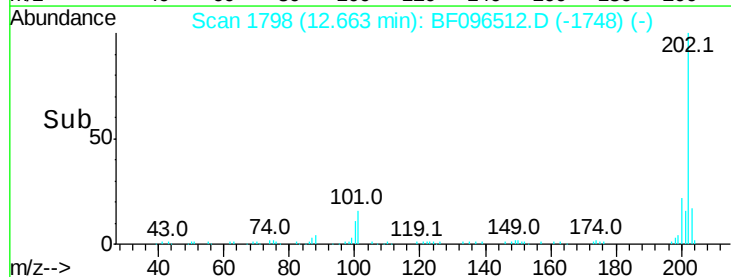
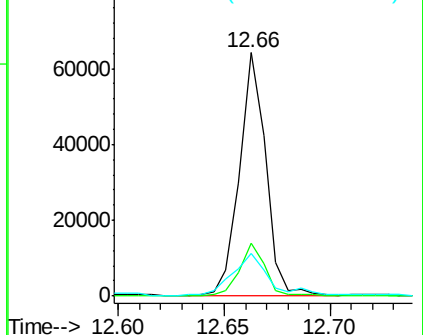
203 17.7 14.4 21.6

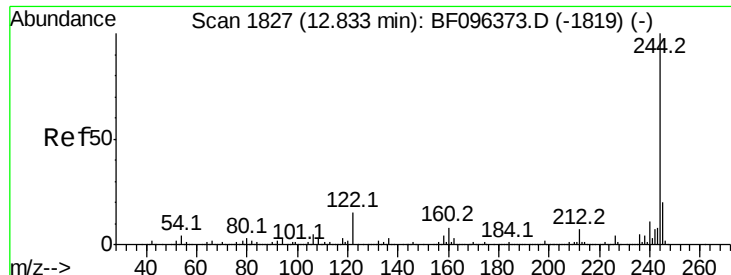


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 39.47 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096512.D

Acq: 6 Jul 2017 5:10

Instrument :

BNA_F

ClientSampleId :

B7-6-8

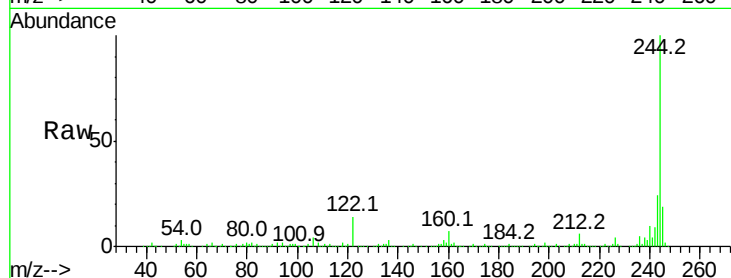
Tot Ion:244 Resp: 433641

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

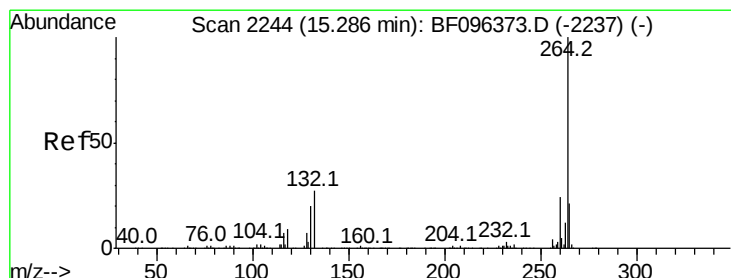
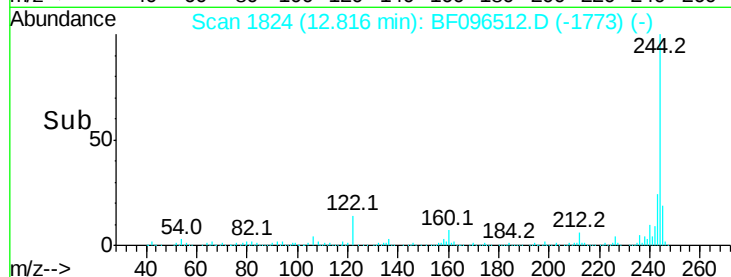
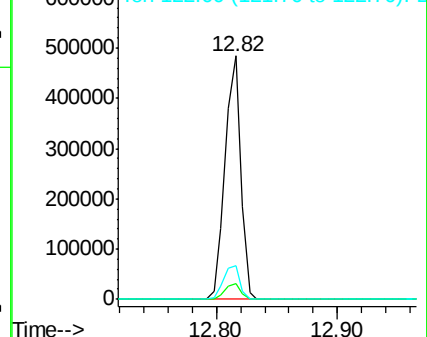
122 13.9 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF096512.D

Acq: 6 Jul 2017 5:10

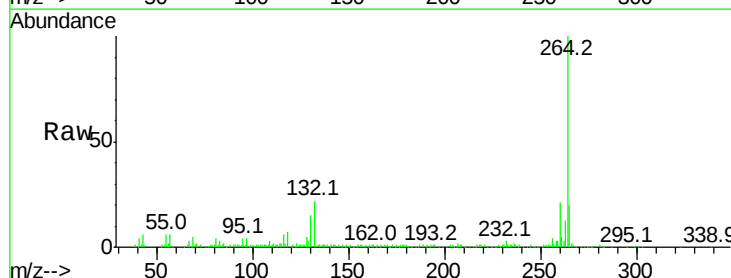
Tgt Ion:264 Resp: 145499

Ion Ratio Lower Upper

264 100

260 20.9 19.5 29.3

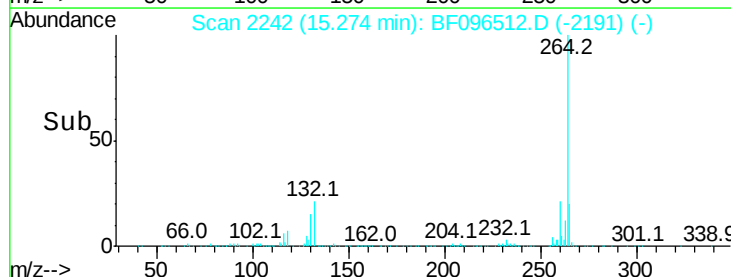
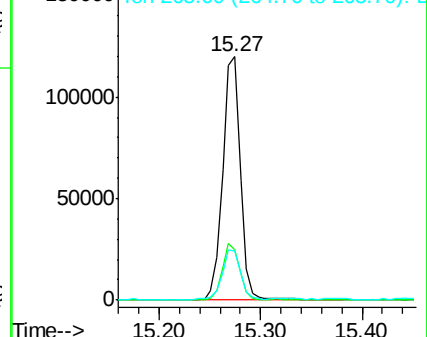
265 20.3 17.2 25.8

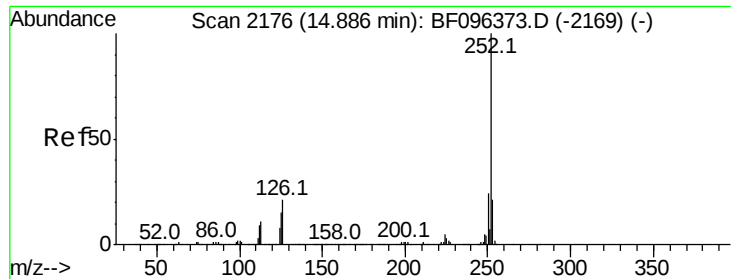


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

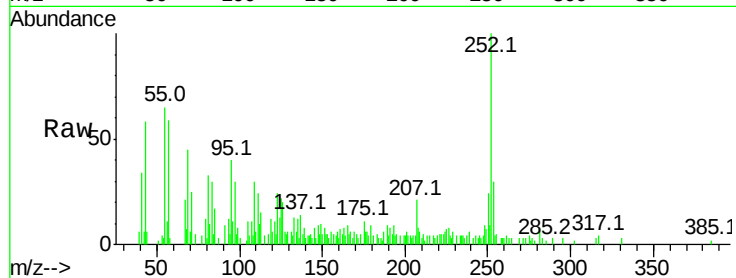




#87
 Benzo(b)fluoranthene
 Concen: 2.03 ng m
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF096512.D
 Acq: 6 Jul 2017 5:10

Instrument :
 BNA_F
 ClientSampleId :
 B7-6-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.1	27.1#
125	22.1	9.8	14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

