

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096380.D
 Acq On : 1 Jul 2017 15:50
 Operator : SJ/MA
 Sample : I3947-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 TP1-TP2-COMP

Quant Time: Jul 03 13:30:55 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

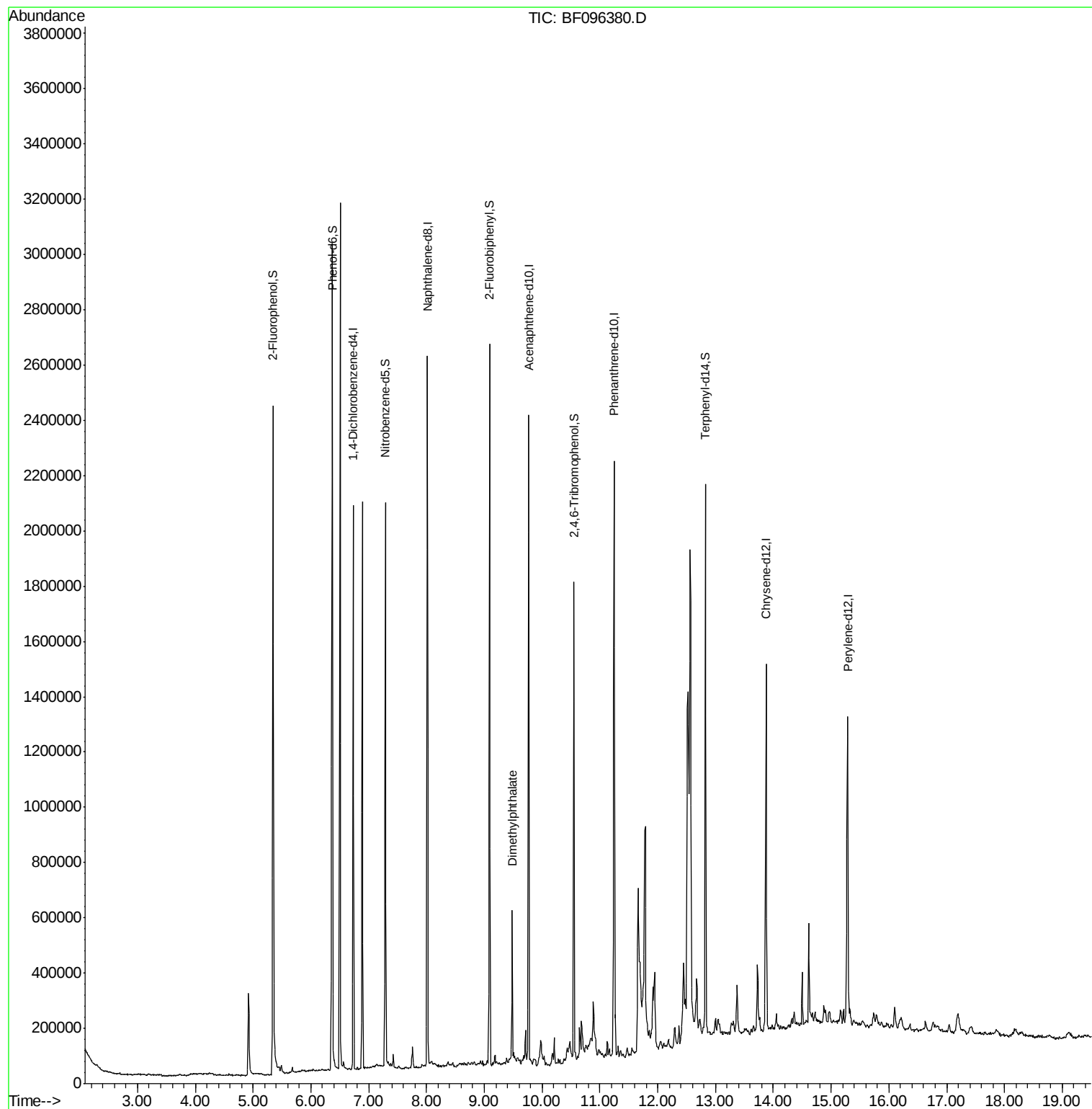
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	274359	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	1144483	40.00	ng	0.00
38) Acenaphthene-d10	9.77	164	467158	40.00	ng	0.00
63) Phenanthrene-d10	11.24	188	756539	40.00	ng	0.00
75) Chrysene-d12	13.87	240	470423	40.00	ng	0.00
86) Perylene-d12	15.29	264	476444	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	790141	85.01	ng	0.00
7) Phenol-d6	6.37	99	1123225	98.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	634384	66.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	181671	99.57	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	833594	61.02	ng	0.00
78) Terphenyl-d14	12.83	244	570161	51.80	ng	0.00
Target Compounds						
32) Benzoic acid	7.76	122	20339	2.690	ng	87
49) Dimethylphthalate	9.48	163	202054	11.588	ng	100
70) Phenanthrene	11.27	178	50189	2.454	ng	96
74) Fluoranthene	12.45	202	67826	3.383	ng	96
77) Pyrene	12.67	202	62962	3.335	ng	99

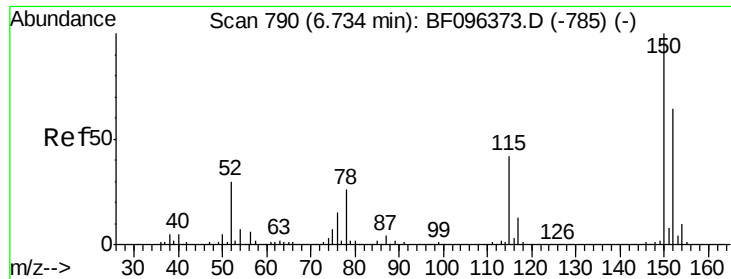
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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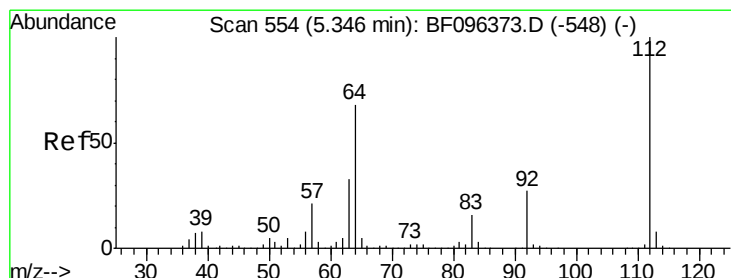
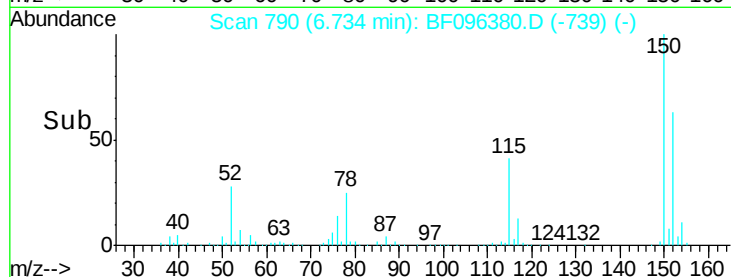
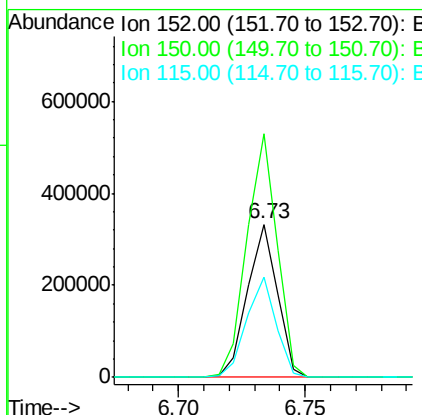
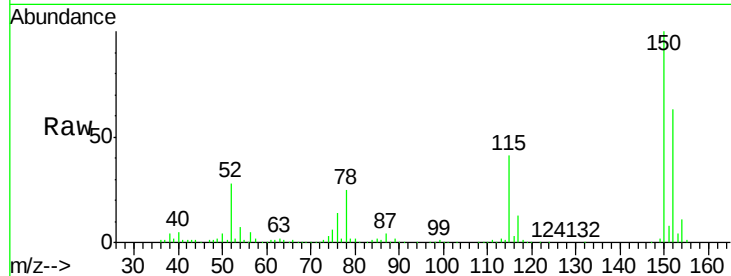


#1

1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096380.D
Acq: 1 Jul 2017 15:50

Instrument :
BNA_F
ClientSampleId :
TP1-TP2-COMP

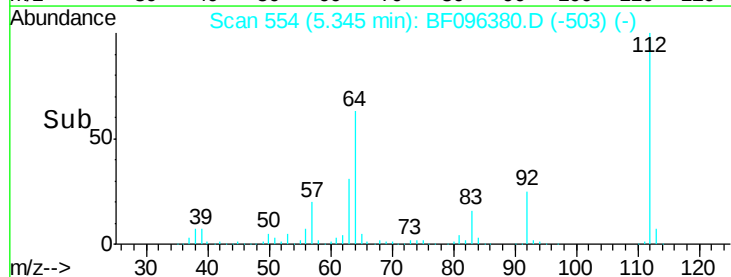
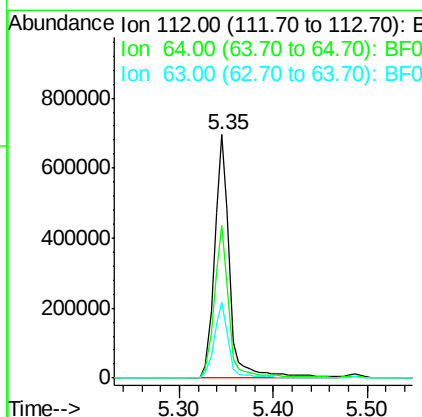
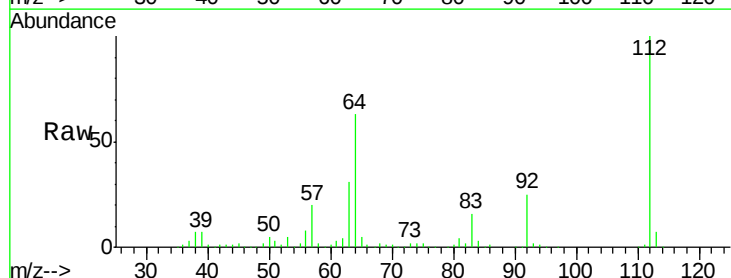
Tgt Ion:152 Resp: 274359
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 65.1 52.2 78.2

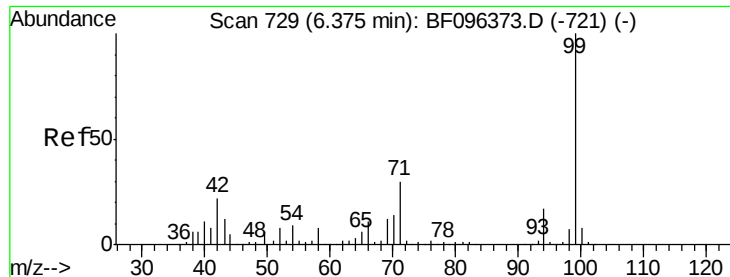


#5

2-Fluorophenol
Concen: 85.015 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096380.D
Acq: 1 Jul 2017 15:50

Tgt Ion:112 Resp: 790141
Ion Ratio Lower Upper
112 100
64 62.8 46.0 69.0
63 31.1 23.4 35.0





#7

Phenol-d6

Concen: 98.304 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampleId :

TP1-TP2-COMP

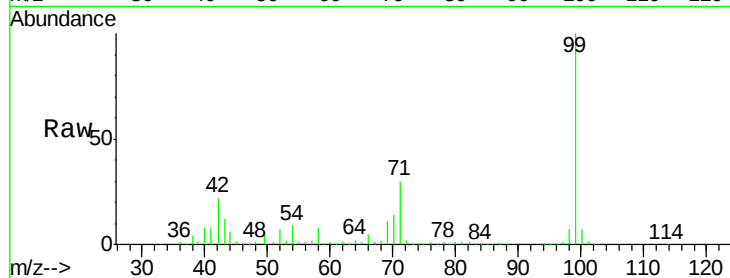
Tgt Ion: 99 Resp: 1123225

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

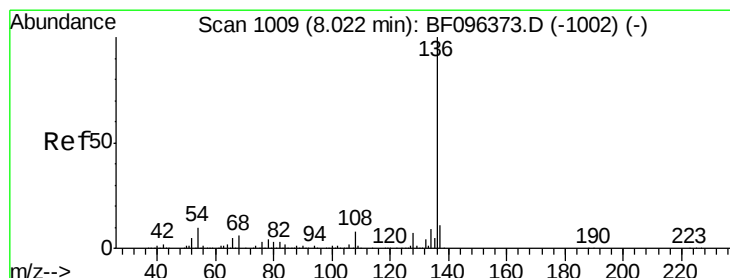
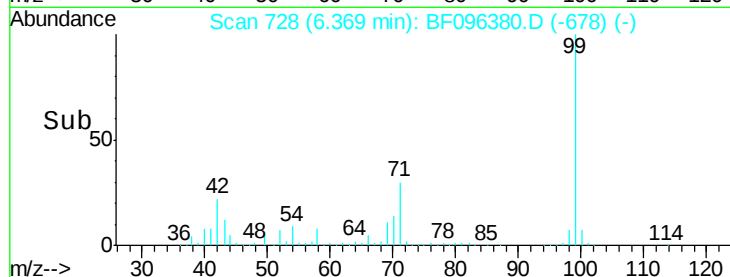
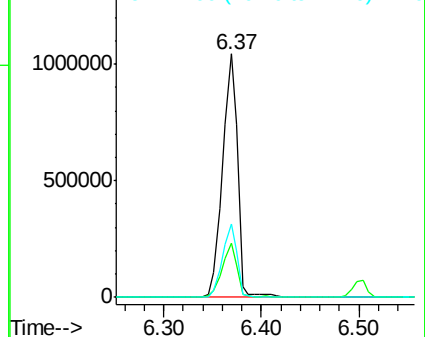
71 30.2 24.5 36.7



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



#21

Naphthalene-d8

Concen: 40.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Tgt Ion: 136 Resp: 1144483

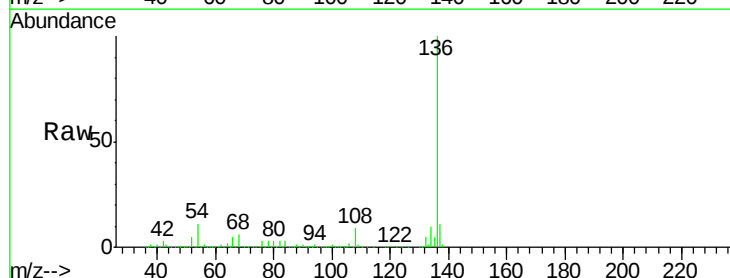
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.8 4.9 7.3#

68 6.3 4.1 6.1#

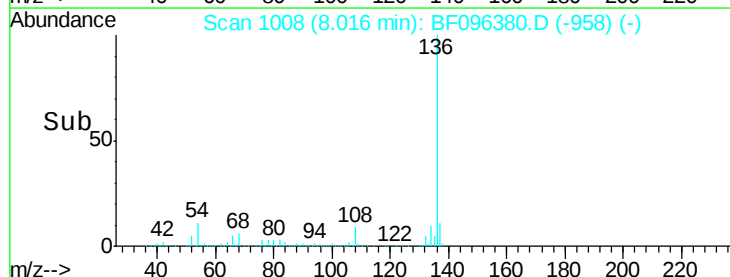
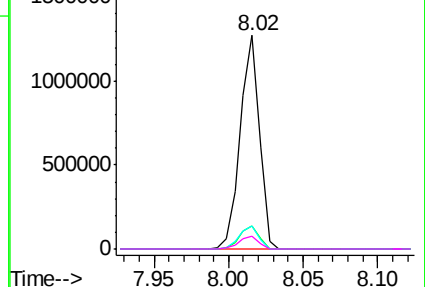


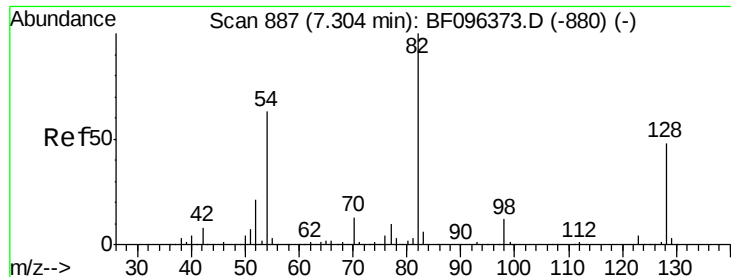
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

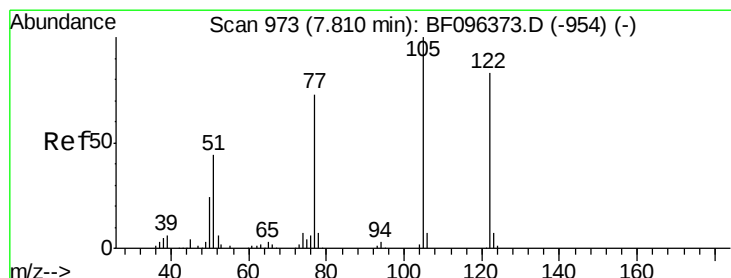
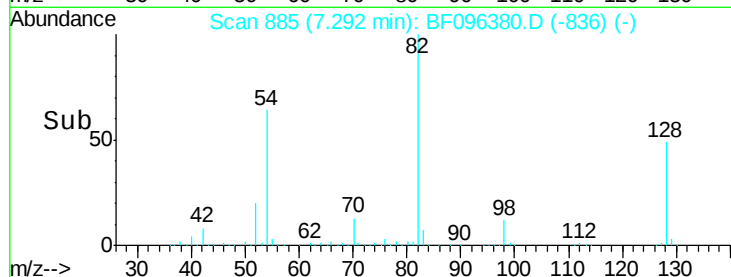
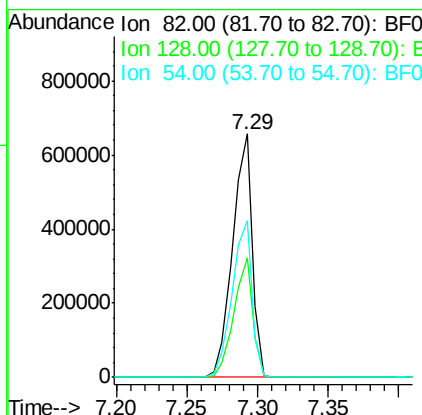
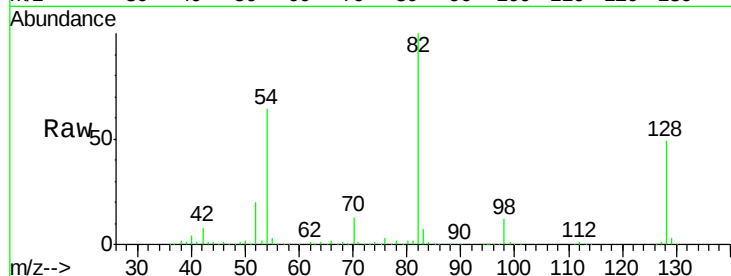




#23
 Nitrobenzene-d5
 Concen: 66.616 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096380.D
 Acq: 1 Jul 2017 15:50

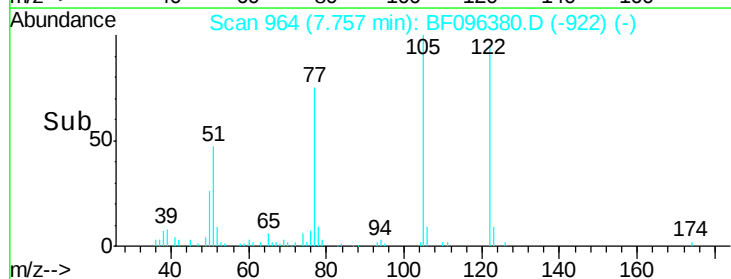
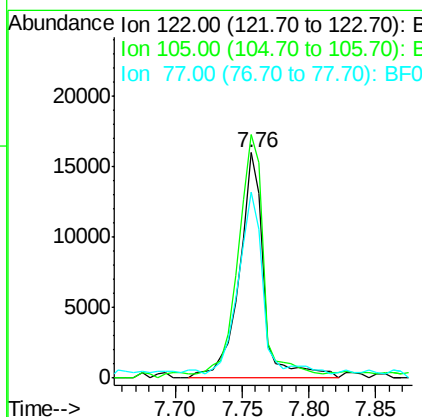
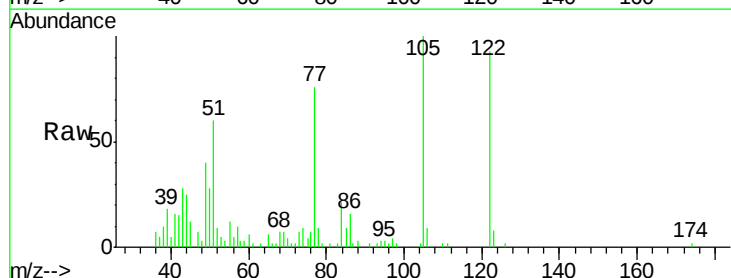
Instrument :
 BNA_F
 ClientSampleId :
 TP1-TP2-COMP

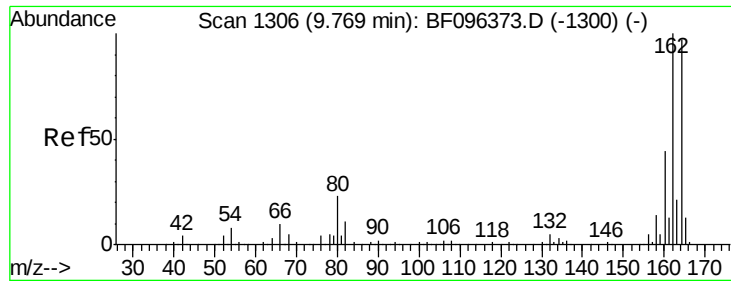
Tgt Ion: 82 Resp: 634384
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.0 51.0
 54 64.5 42.2 63.2#



#32
 Benzoic acid
 Concen: 2.690 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.05 min
 Lab File: BF096380.D
 Acq: 1 Jul 2017 15:50

Tgt Ion: 122 Resp: 20339
 Ion Ratio Lower Upper
 122 100
 105 108.0 103.3 143.3
 77 82.4 73.7 113.7

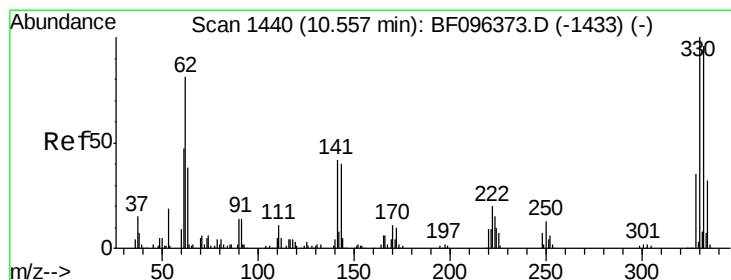
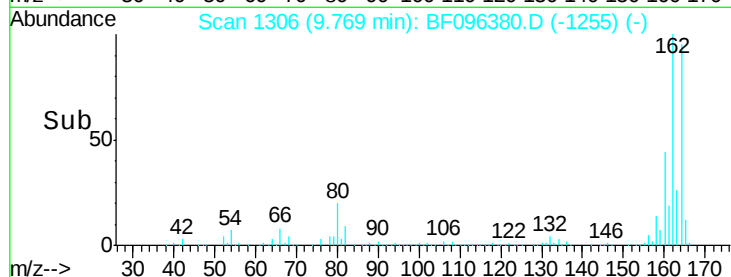
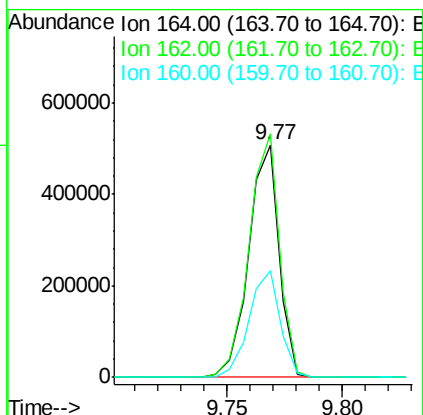
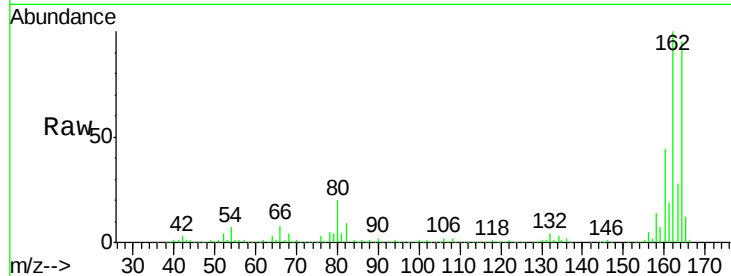




#38
 Acenaphthene-d10
 Concen: 40.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096380.D
 Acq: 1 Jul 2017 15:50

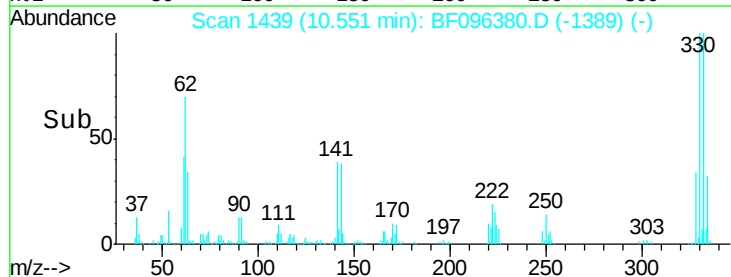
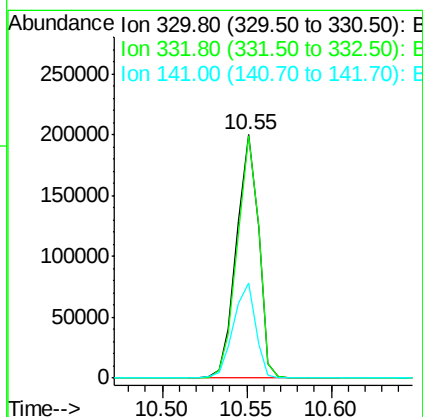
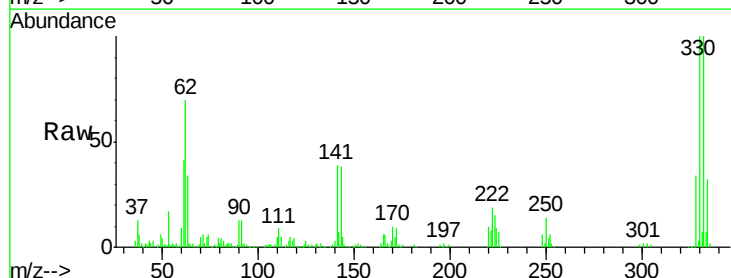
Instrument :
 BNA_F
 ClientSampleId :
 TP1-TP2-COMP

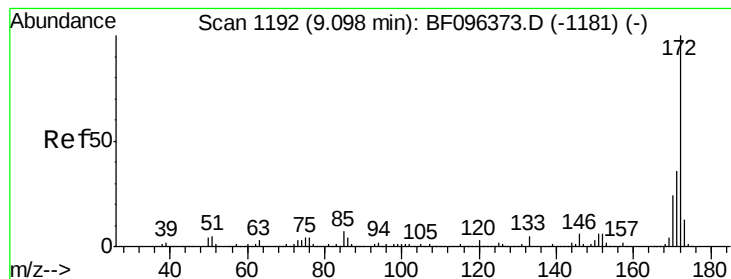
Tgt Ion:164 Resp: 467158
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 46.1 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 99.571 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096380.D
 Acq: 1 Jul 2017 15:50

Tgt Ion:330 Resp: 181671
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.5 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 61.018 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampleId :

TP1-TP2-COMP

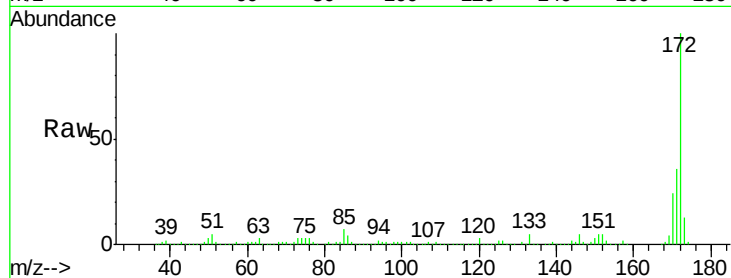
Tgt Ion:172 Resp: 833594

Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

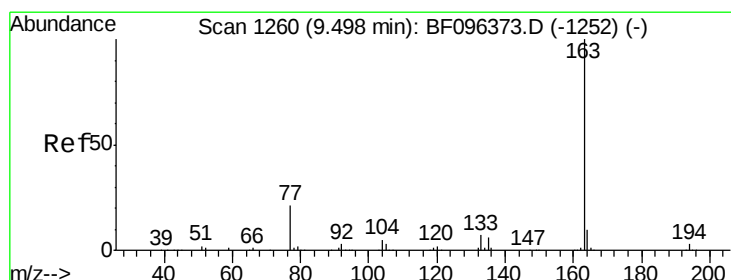
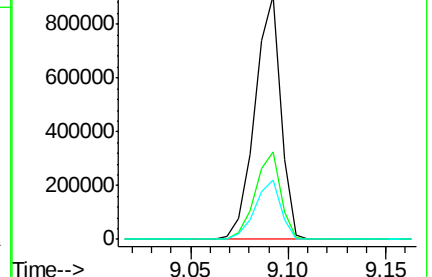
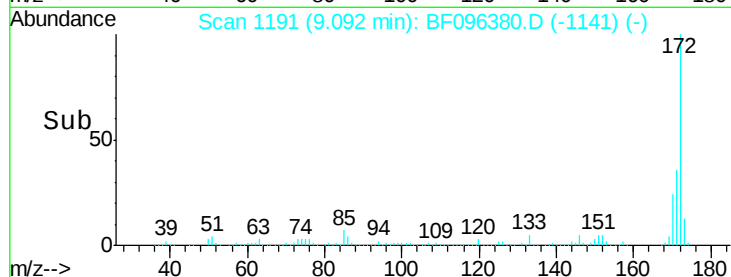
170 24.2 19.8 29.8



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: 11.588 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

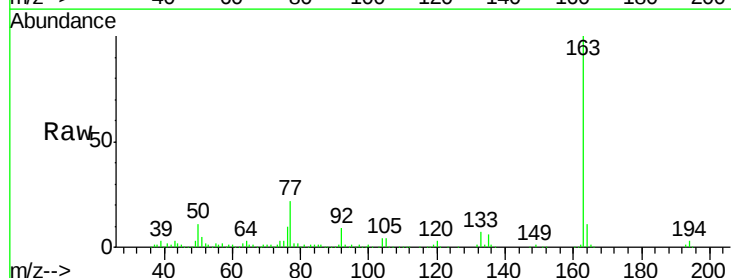
Tgt Ion:163 Resp: 202054

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

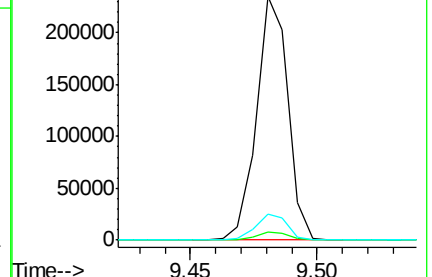
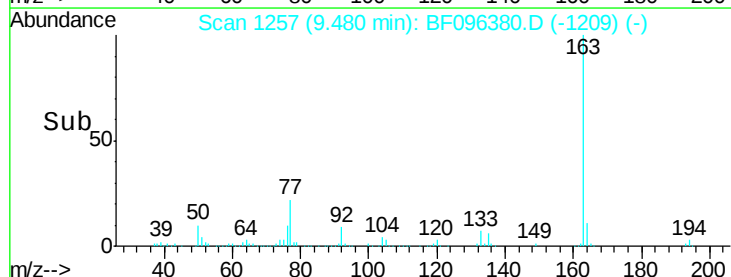
164 10.5 8.4 12.6

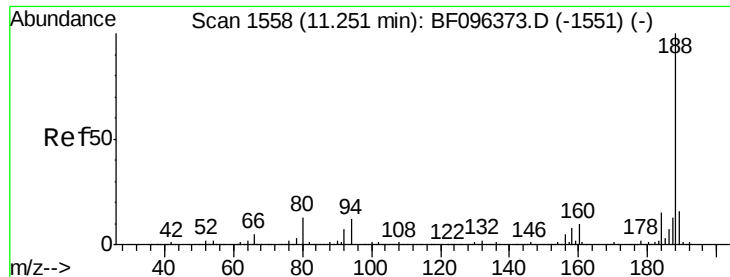


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 40.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampleId :

TP1-TP2-COMP

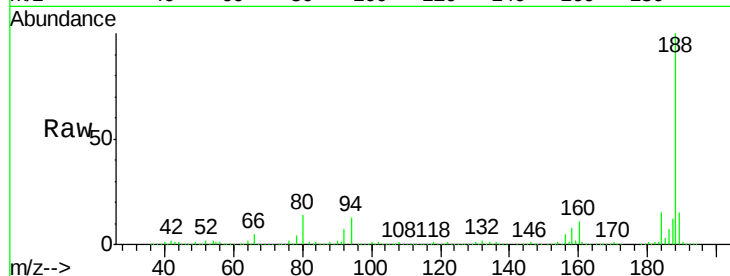
Tgt Ion:188 Resp: 756539

Ion Ratio Lower Upper

188 100

94 13.4 9.4 14.2

80 14.0 10.2 15.2

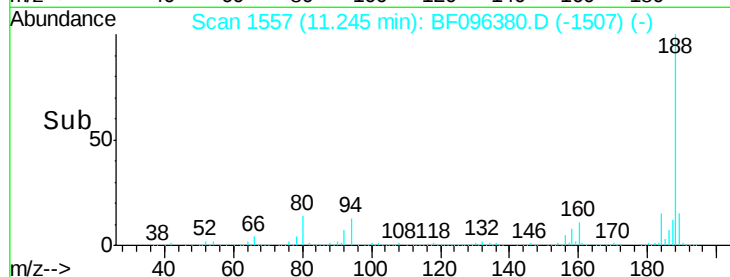


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

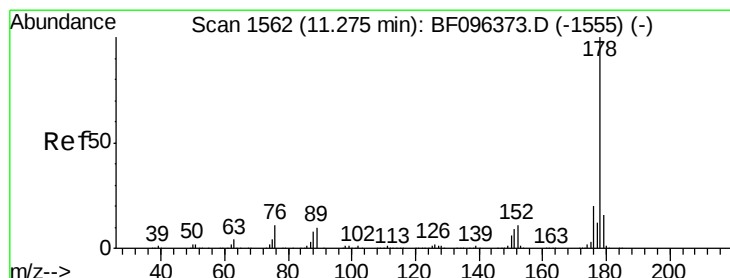
Ion 80.00 (79.70 to 80.70): BF0

Time-->



11.24

Time-->



#70

Phenanthrene

Concen: 2.454 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

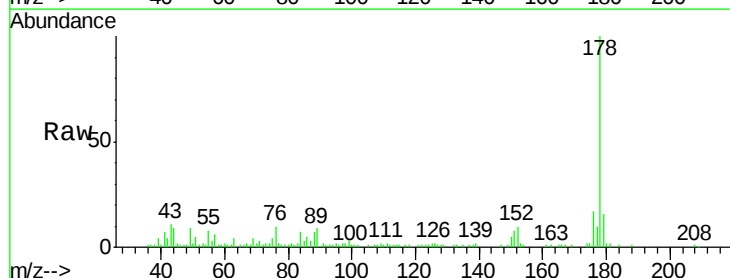
Tgt Ion:178 Resp: 50189

Ion Ratio Lower Upper

178 100

176 17.5 16.2 24.4

179 15.7 12.6 19.0

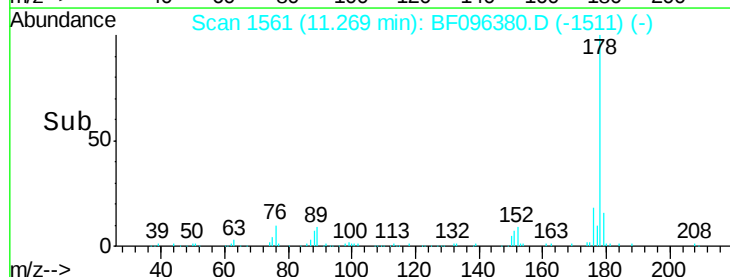


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

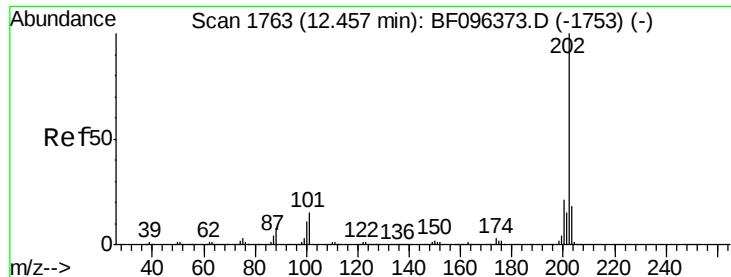
Ion 179.00 (178.70 to 179.70): E

Time-->



11.27

Time-->



#74

Fluoranthene

Concen: 3.383 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampleId :

TP1-TP2-COMP

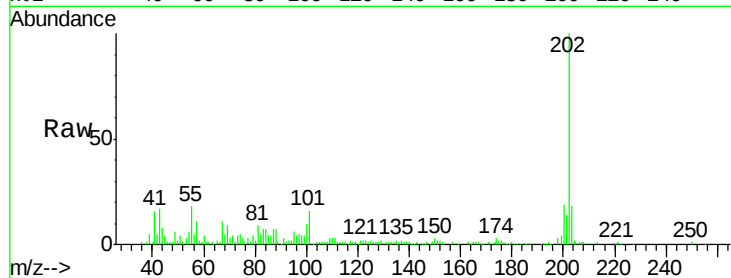
Tgt Ion: 202 Resp: 67826

Ion Ratio Lower Upper

202 100

101 16.1 0.0 33.2

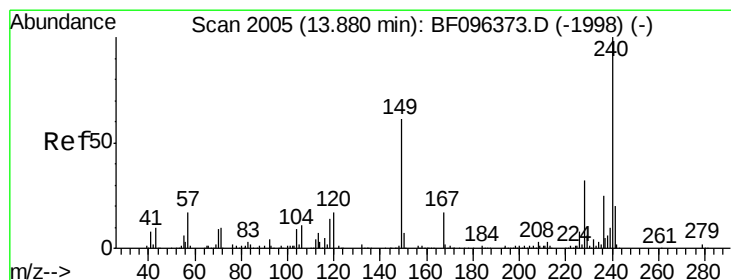
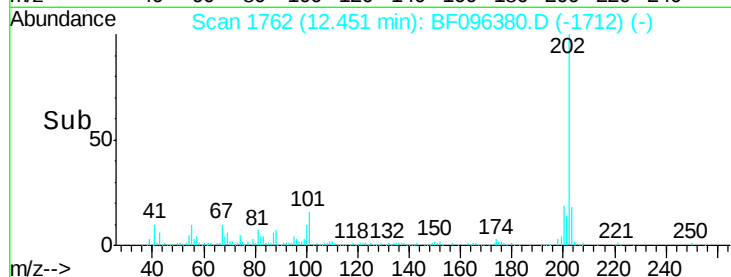
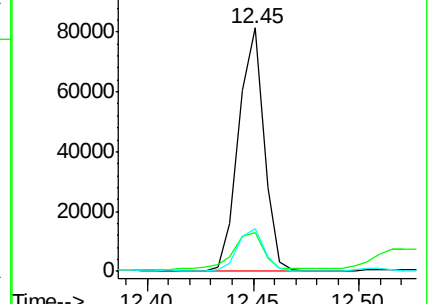
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 40.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

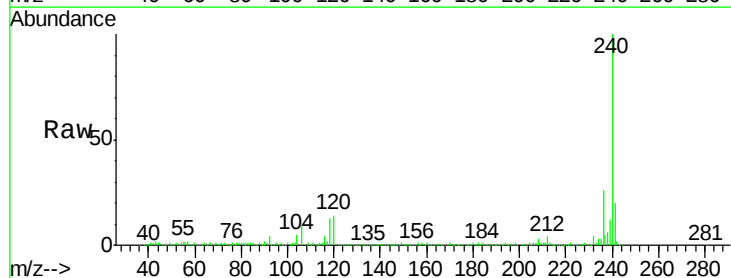
Tgt Ion: 240 Resp: 470423

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

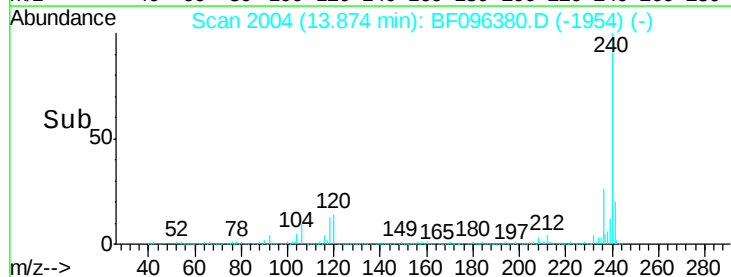
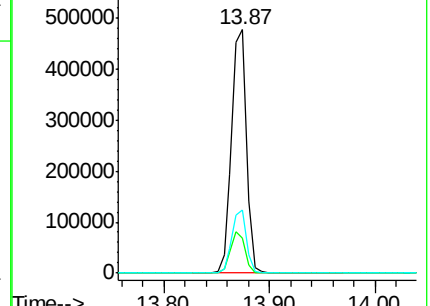
236 26.0 20.5 30.7

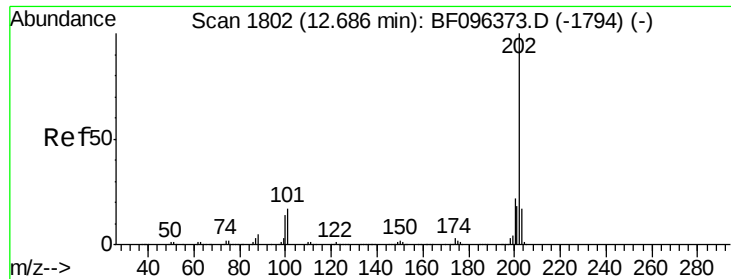


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.335 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

Instrument :

BNA_F

ClientSampleId :

TP1-TP2-COMP

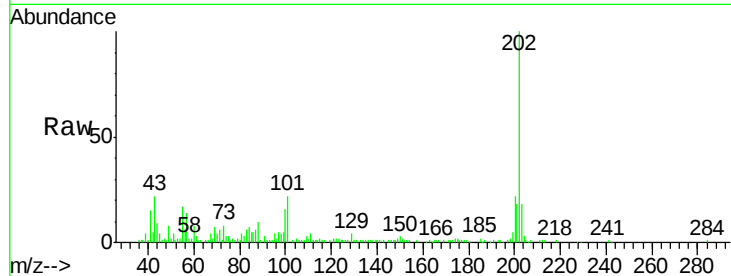
Tgt Ion:202 Resp: 62962

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

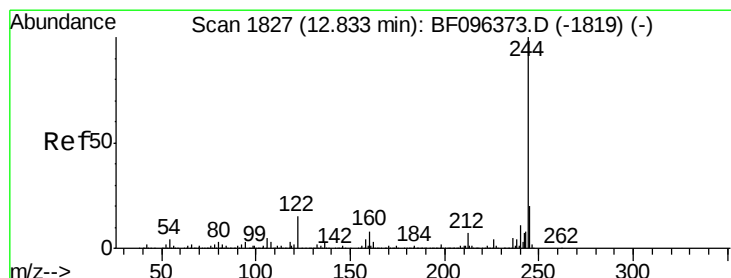
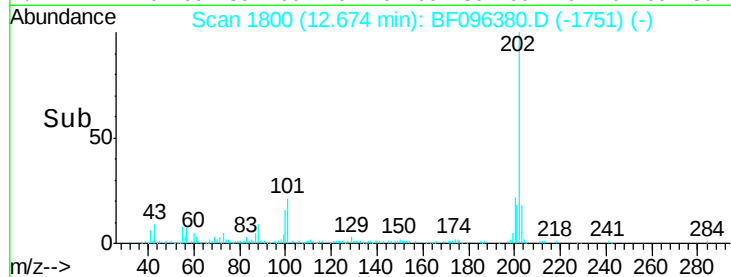
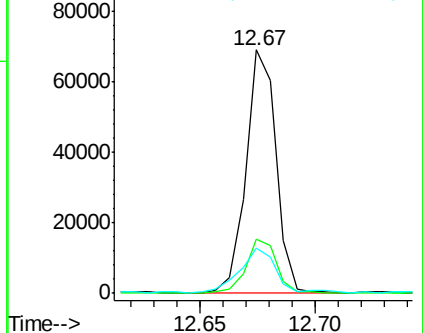
203 18.4 14.4 21.6



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: 51.798 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096380.D

Acq: 1 Jul 2017 15:50

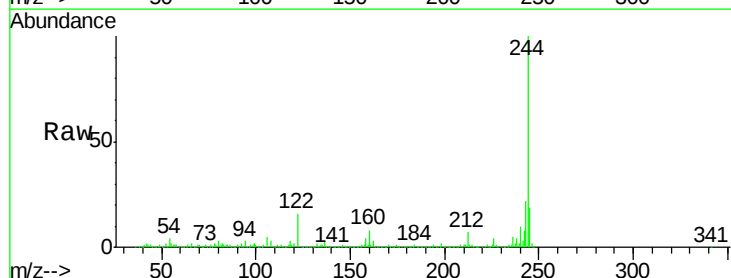
Tgt Ion:244 Resp: 570161

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

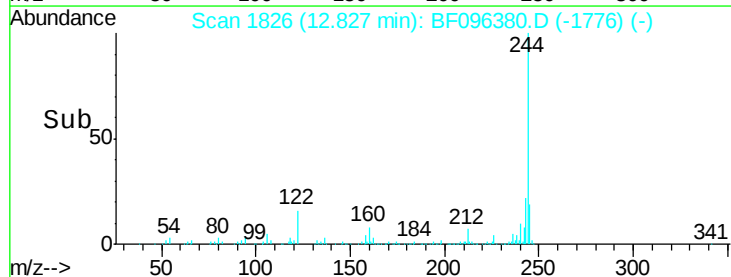
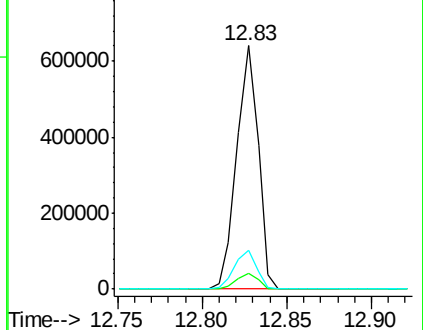
122 15.8 10.3 15.5#

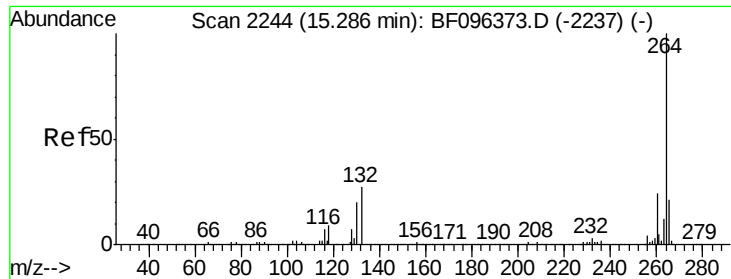


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 40.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF096380.D
Acq: 1 Jul 2017 15:50

Instrument :
BNA_F
ClientSampleId :
TP1-TP2-COMP

Tgt Ion: 264 Resp: 476444
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.7 17.2 25.8

