

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086102.D
 Acq On : 6 Apr 2016 16:56
 Operator : UM/SJ
 Sample : H2254-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-14

Quant Time: Apr 07 01:56:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

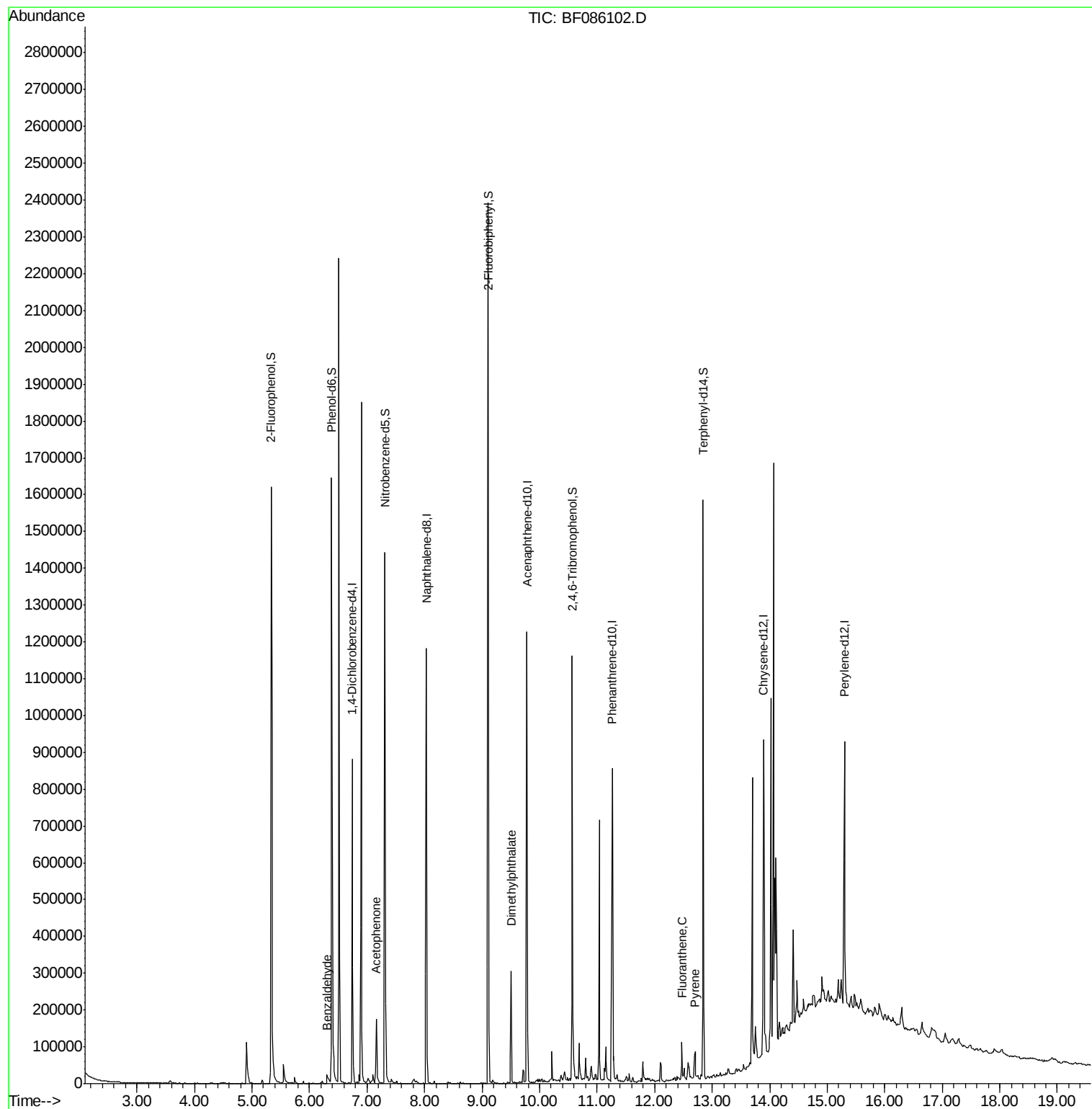
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	142205	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	551195	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	221262	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	347904	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	287662	20.00	ng	-0.03
86) Perylene-d12	15.30	264	322217	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	636904	76.56	ng	-0.03
7) Phenol-d6	6.38	99	743926	70.40	ng	-0.03
23) Nitrobenzene-d5	7.31	82	460322	49.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	129570	62.39	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	669687	50.32	ng	-0.03
78) Terphenyl-d14	12.84	244	435967	35.63	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.30	77	11935	2.10	ng	Qvalue 93
22) Acetophenone	7.16	105	65863	5.08	ng	# 88
49) Dimethylphthalate	9.50	163	122264	7.46	ng	100
74) Fluoranthene	12.48	202	47212	2.39	ng	91
77) Pyrene	12.70	202	41819	2.06	ng	99

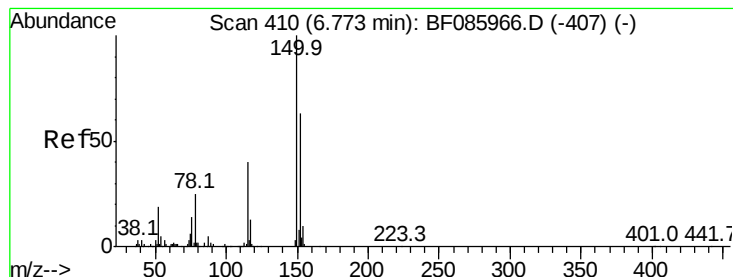
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

Instrument :

BNA_F

ClientSampleId :

SP-14

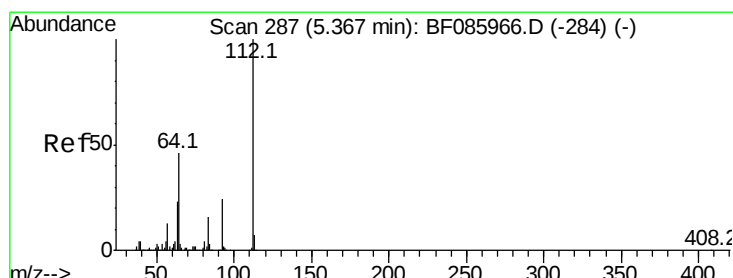
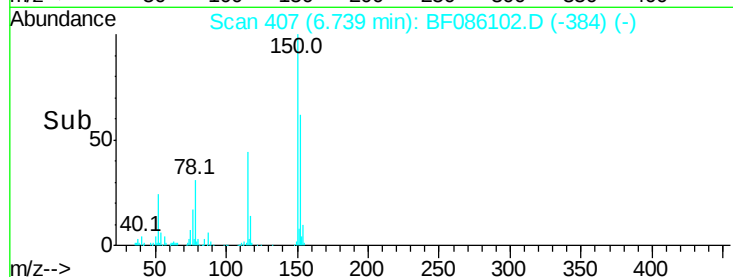
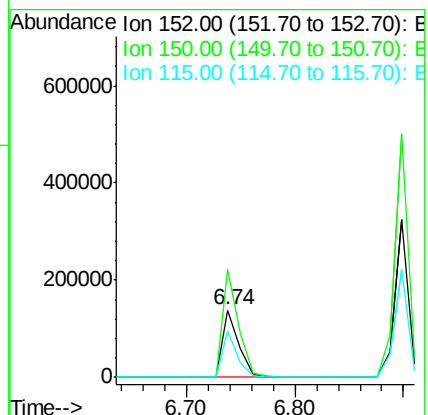
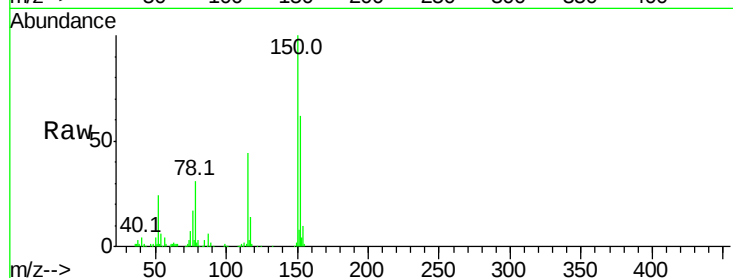
Tot Ion:152 Resp: 142205

Ion Ratio Lower Upper

152 100

150 160.8 124.2 186.2

115 70.0 47.0 70.6



#5

2-Fluorophenol

Concen: 76.56 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

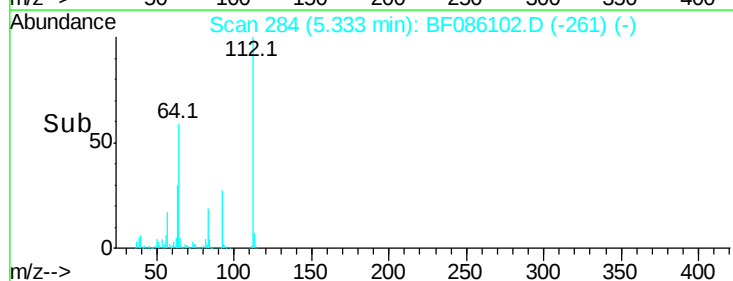
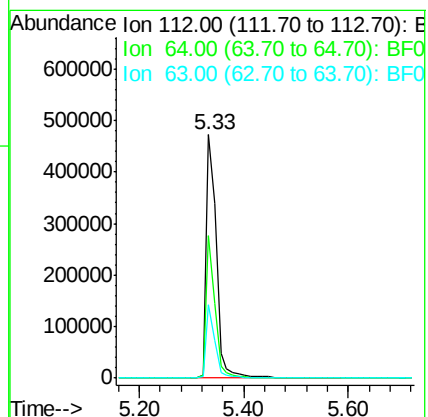
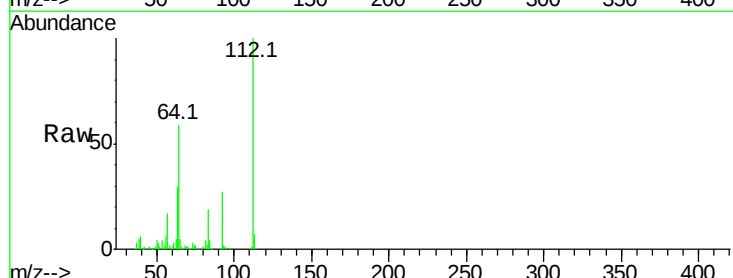
Tgt Ion:112 Resp: 636904

Ion Ratio Lower Upper

112 100

64 58.6 39.9 59.9

63 29.9 20.2 30.2





#7

Phenol-d6

Concen: 70.40 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

Instrument :

BNA_F

ClientSampleId :

SP-14

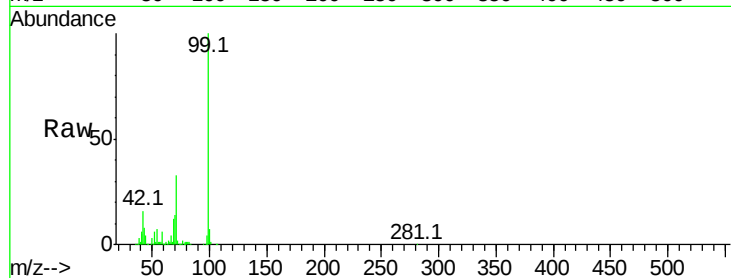
Tot Ion: 99 Resp: 743926

Ion Ratio Lower Upper

99 100

42 15.9 11.1 16.7

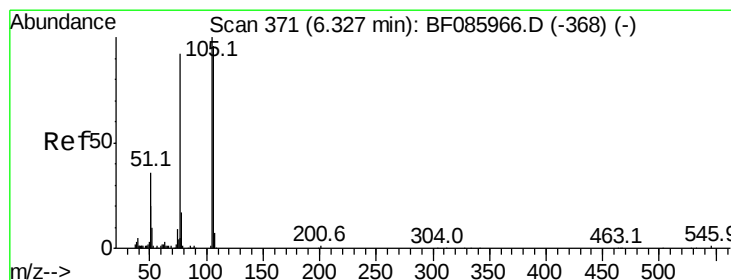
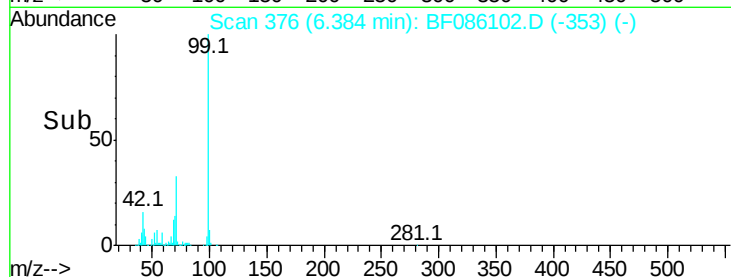
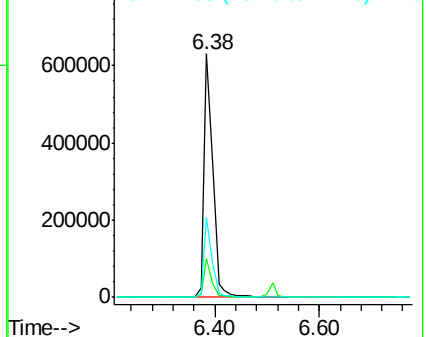
71 32.9 24.9 37.3



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



#9

Benzaldehyde

Concen: 2.10 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

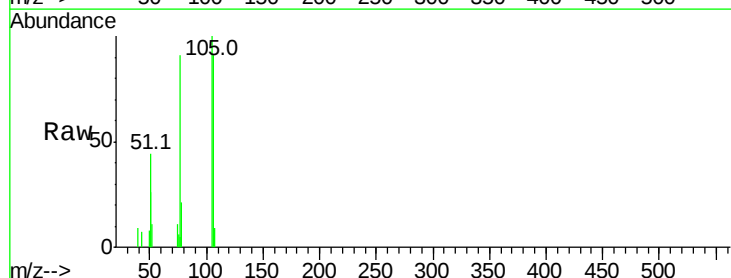
Tgt Ion: 77 Resp: 11935

Ion Ratio Lower Upper

77 100

105 109.4 80.1 120.1

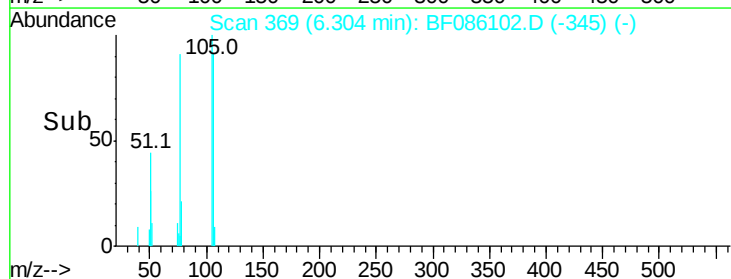
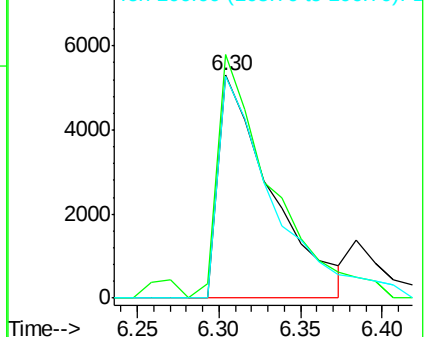
106 99.5 75.0 115.0

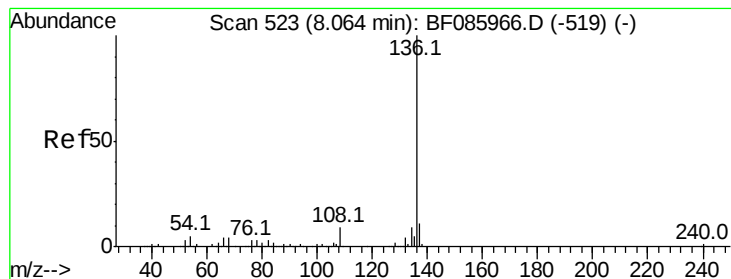


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

Instrument :

BNA_F

ClientSampleId :

SP-14

Tot Ion:136 Resp: 551195

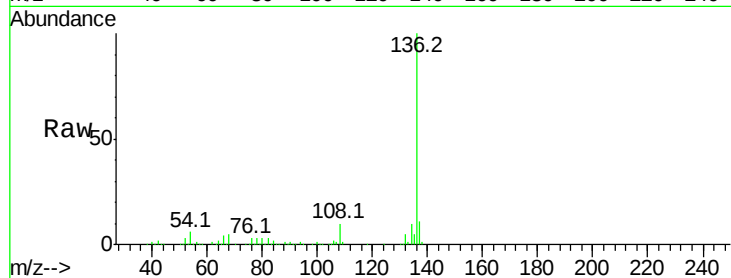
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 7.4 11.0#

68 5.1 5.8 8.8#

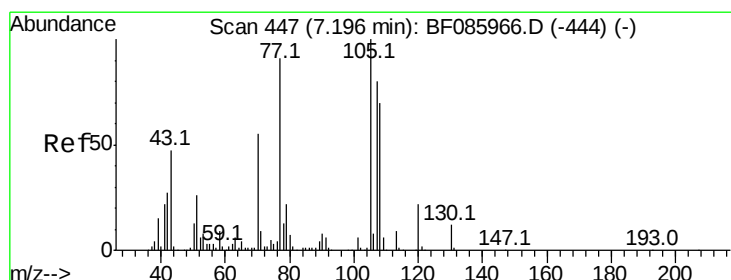
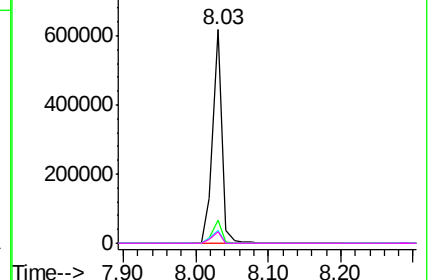
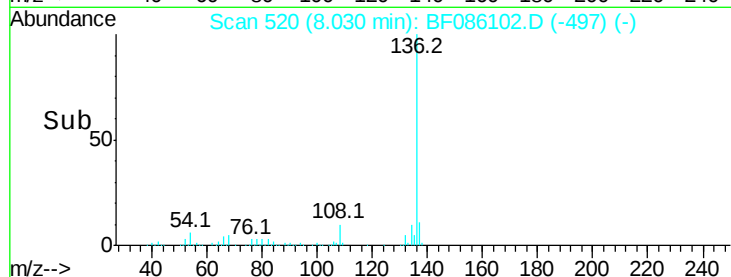


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.08 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

Tgt Ion:105 Resp: 65863

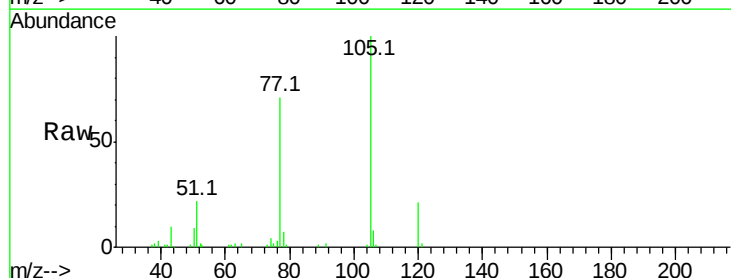
Ion Ratio Lower Upper

105 100

71 0.0 3.6 5.4#

51 21.6 25.4 38.0#

120 20.6 16.9 25.3

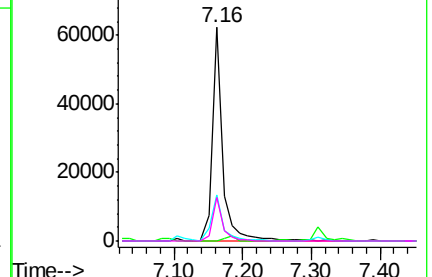
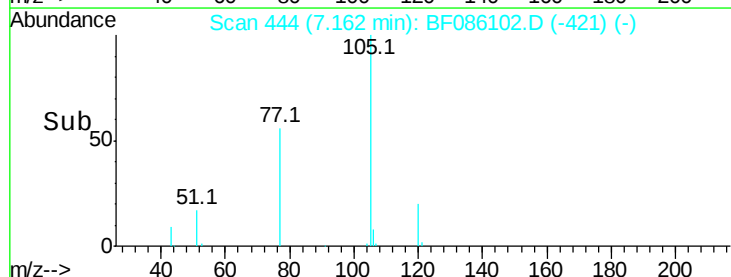


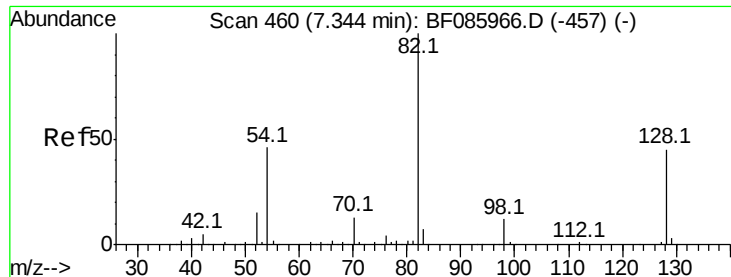
Abundance Ion 105.00 (104.70 to 105.70): E

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

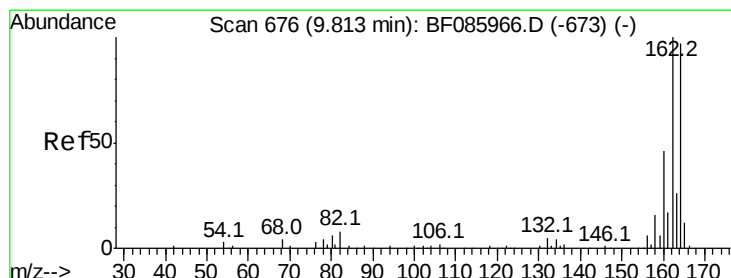
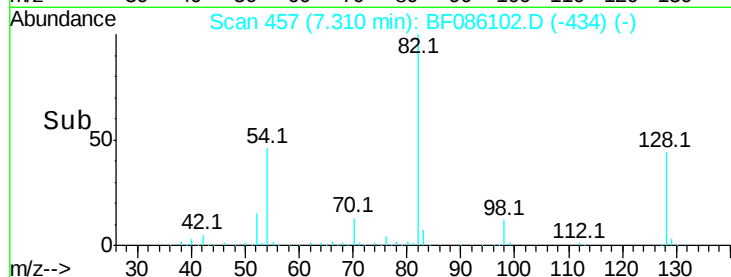
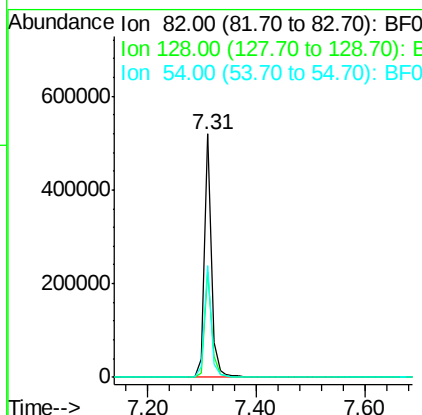
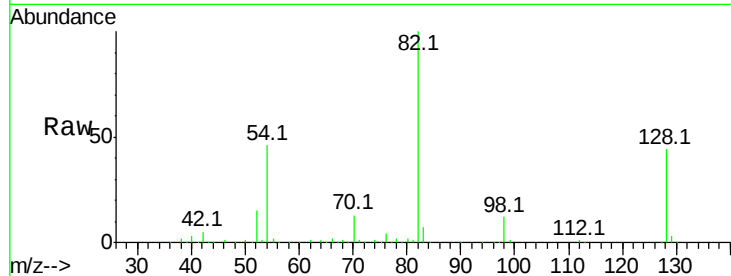




#23
 Nitrobenzene-d5
 Concen: 49.25 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086102.D
 Acq: 6 Apr 2016 16:56

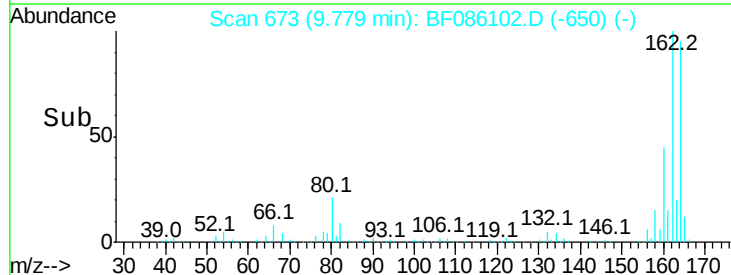
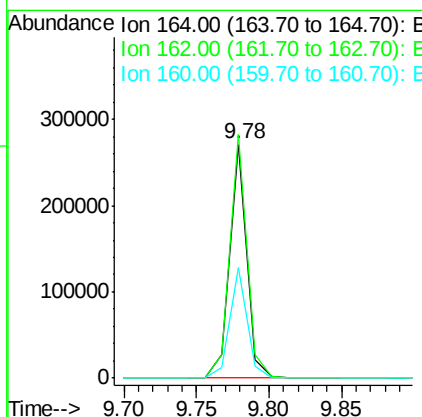
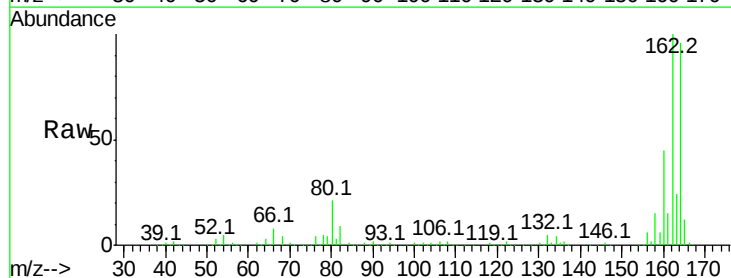
Instrument :
 BNA_F
 ClientSampleId :
 SP-14

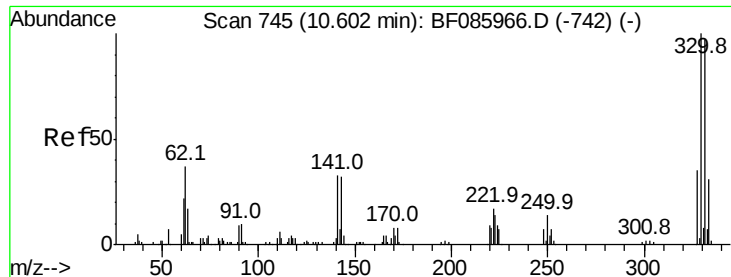
Tot Ion: 82 Resp: 460322
 Ion Ratio Lower Upper
 82 100
 128 43.5 41.8 62.8
 54 45.9 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086102.D
 Acq: 6 Apr 2016 16:56

Tgt Ion:164 Resp: 221262
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.1 123.1
 160 47.4 37.4 56.2

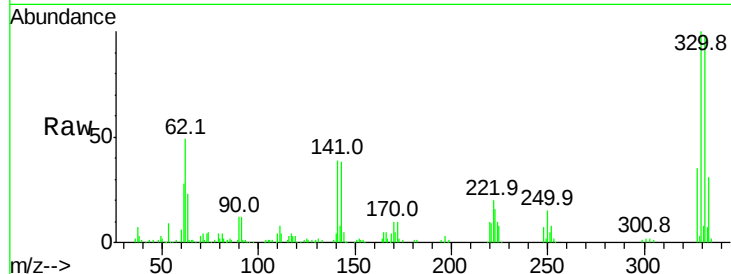




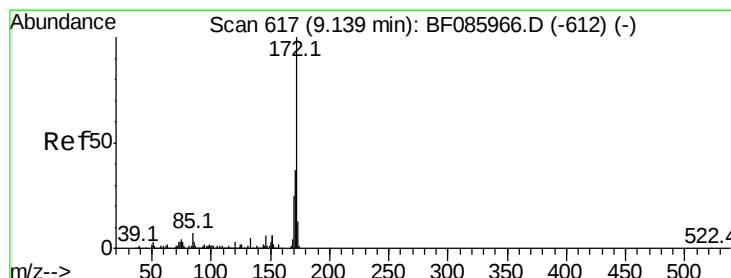
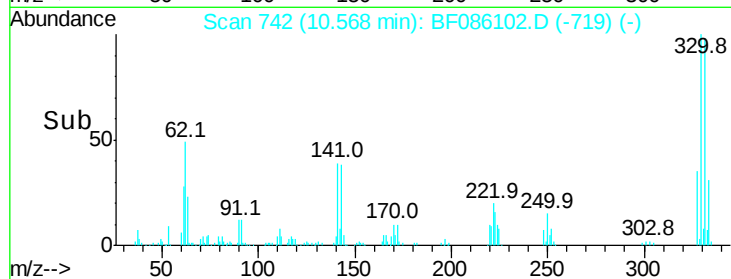
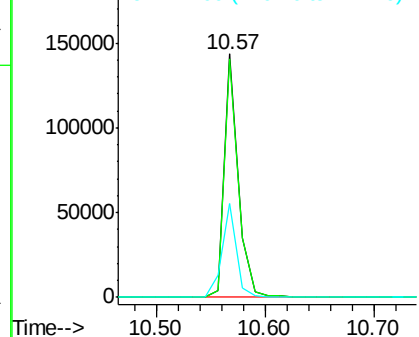
#41
 2,4,6-Tribromophenol
 Concen: 62.39 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086102.D
 Acq: 6 Apr 2016 16:56

Instrument :
 BNA_F
 ClientSampleId :
 SP-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.2	117.2
141	40.3	31.5	47.3

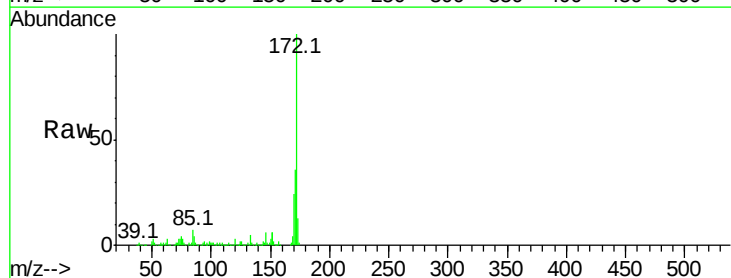


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

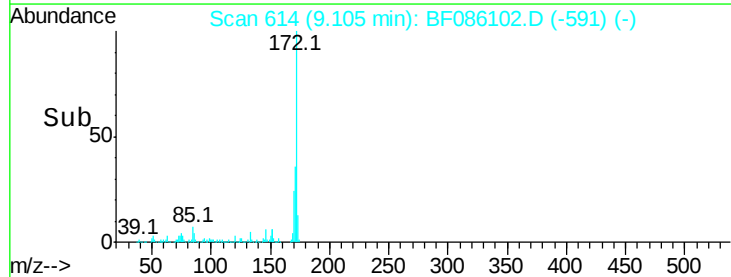
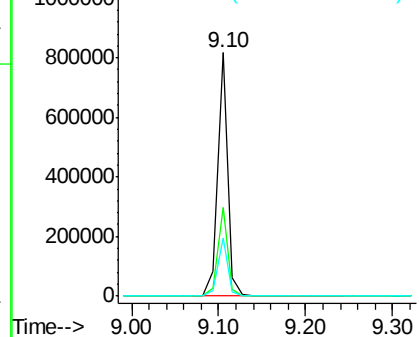


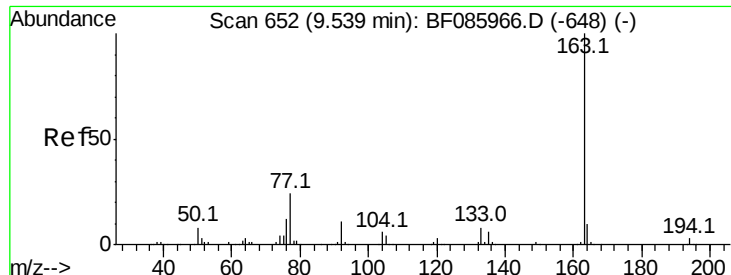
#44
 2-Fluorobiphenyl
 Concen: 50.32 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086102.D
 Acq: 6 Apr 2016 16:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.0	19.8	29.6



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

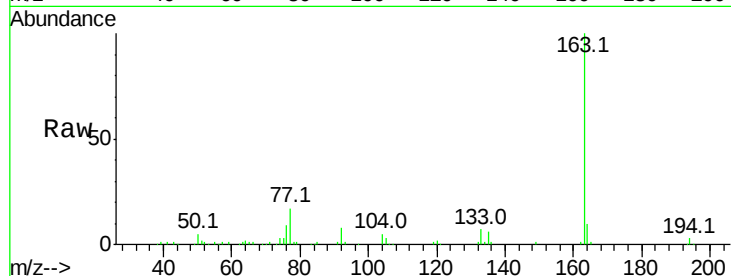




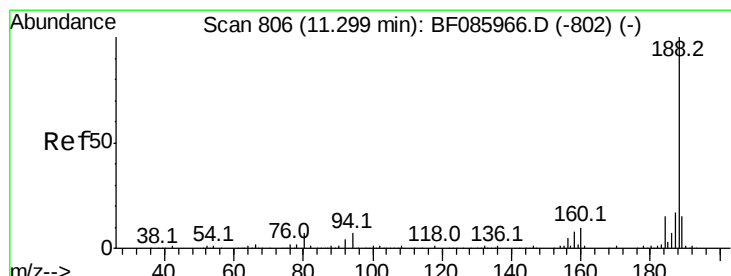
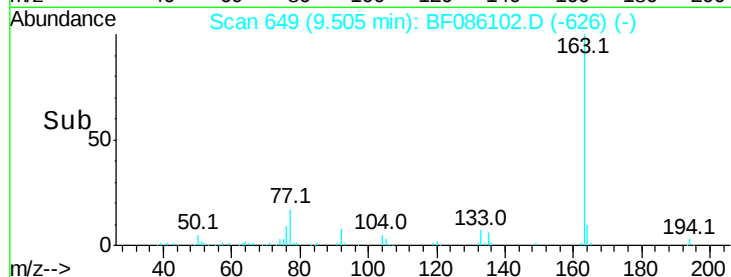
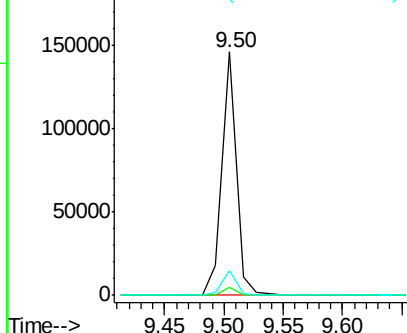
#49
Dimethylphthalate
Concen: 7.46 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086102.D
Acq: 6 Apr 2016 16:56

Instrument :
BNA_F
ClientSampleId :
SP-14

Tot Ion:163 Resp: 122264
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.3 8.3 12.5

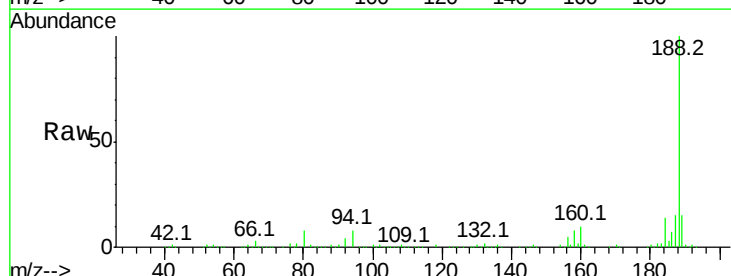


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

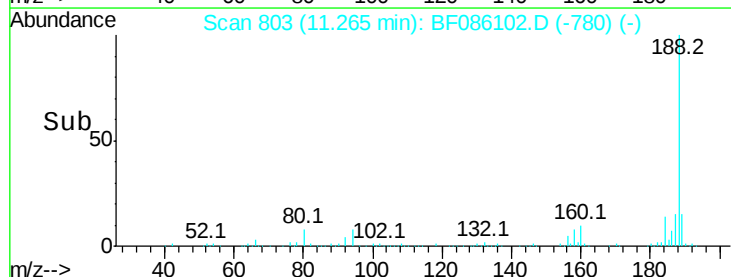
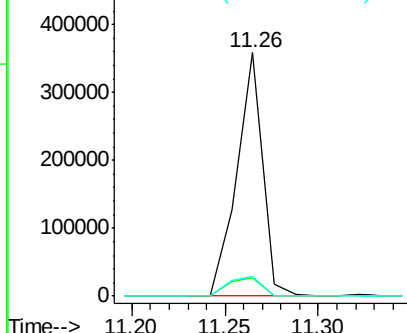


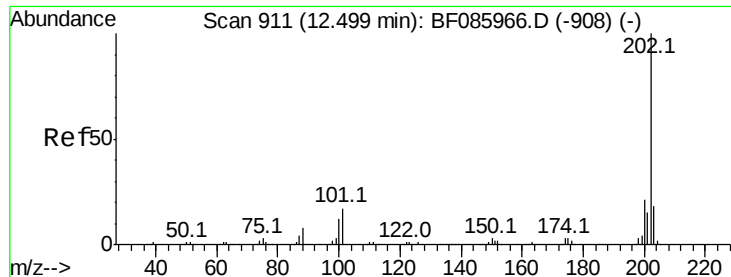
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086102.D
Acq: 6 Apr 2016 16:56

Tgt Ion:188 Resp: 347904
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 7.8 5.5 8.3



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





#74

Fluoranthene

Concen: 2.39 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

Instrument :

BNA_F

ClientSampleId :

SP-14

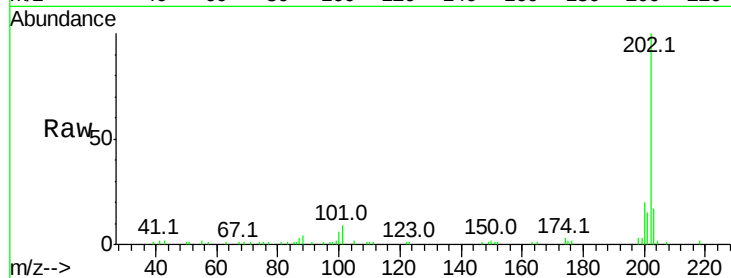
Tot Ion:202 Resp: 47212

Ion Ratio Lower Upper

202 100

101 9.4 0.0 36.6

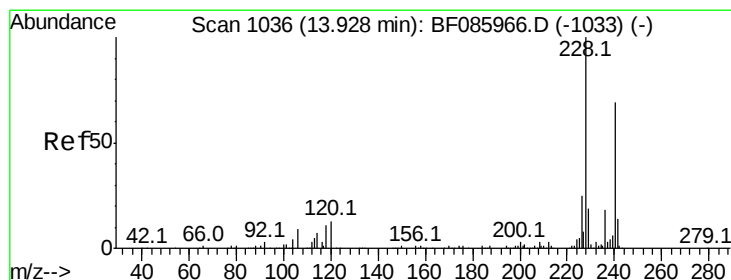
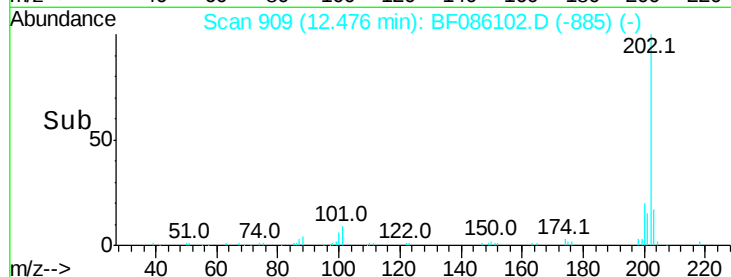
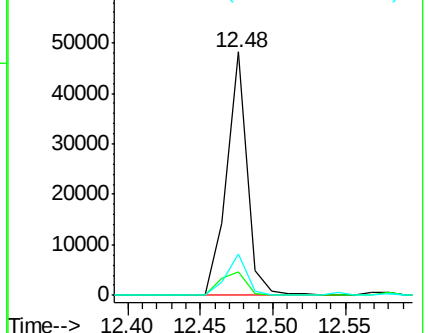
203 17.0 0.0 38.1



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

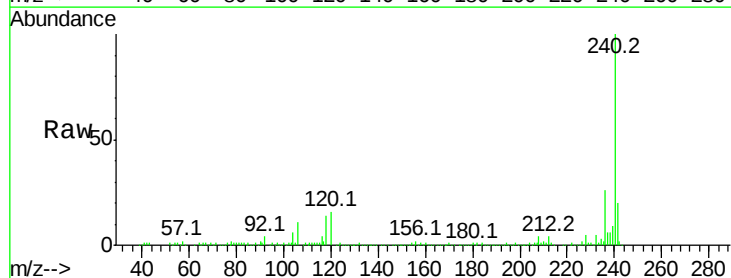
Tgt Ion:240 Resp: 287662

Ion Ratio Lower Upper

240 100

120 15.9 13.8 20.8

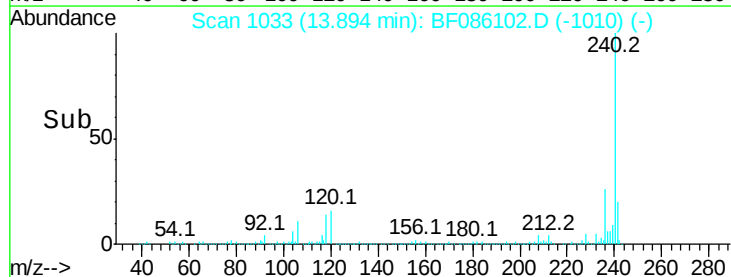
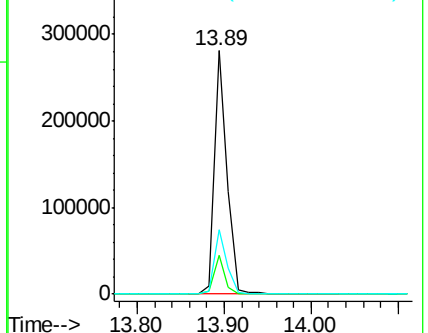
236 26.4 20.6 30.8

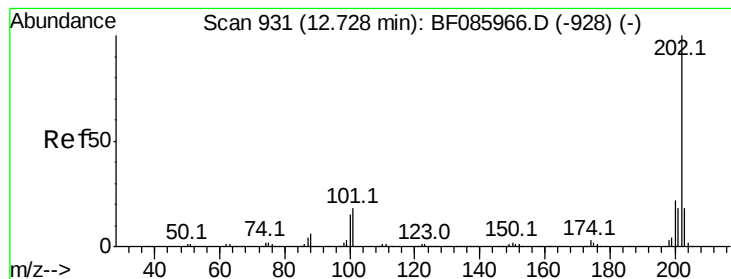


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.06 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

Instrument :

BNA_F

ClientSampleId :

SP-14

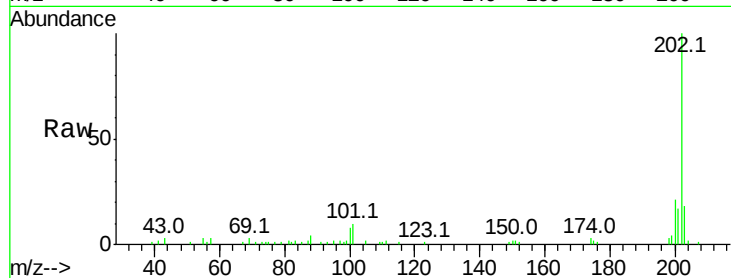
Tot Ion:202 Resp: 41819

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

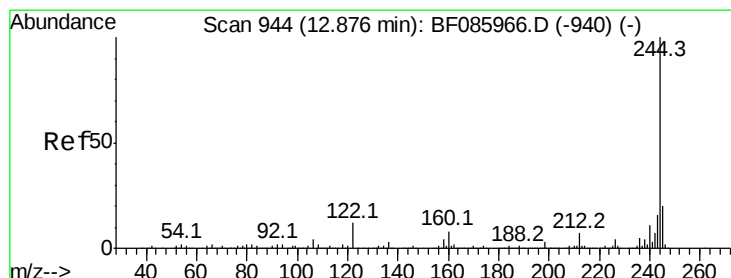
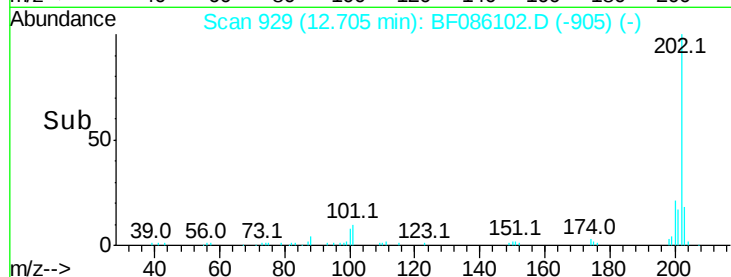
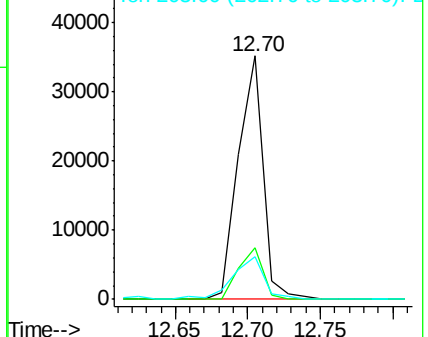
203 17.5 14.0 21.0



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: 35.63 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086102.D

Acq: 6 Apr 2016 16:56

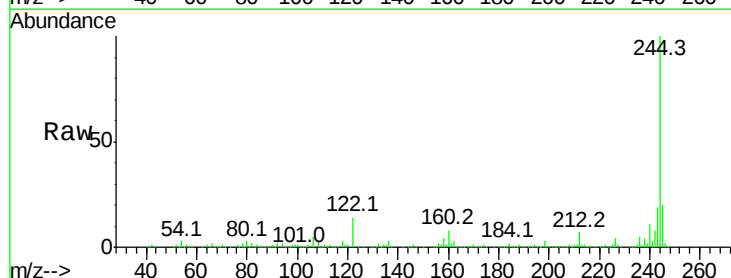
Tgt Ion:244 Resp: 435967

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

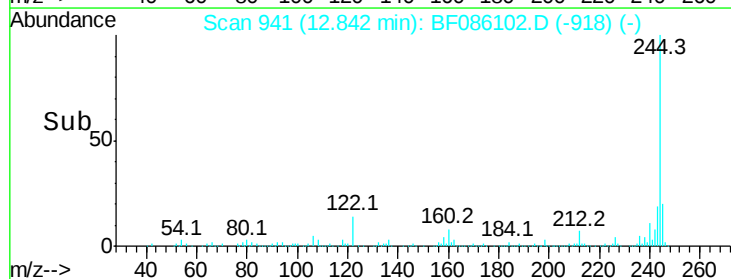
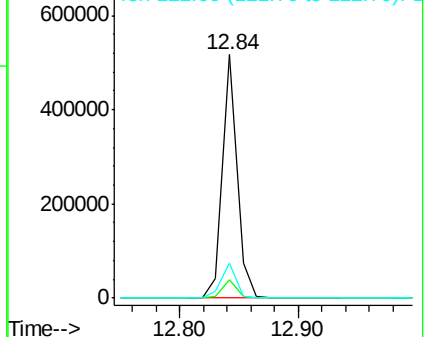
122 14.1 10.2 15.4

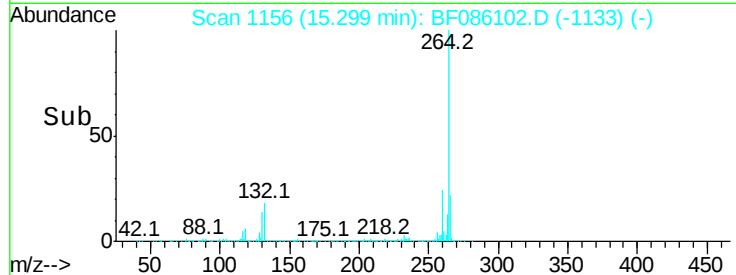
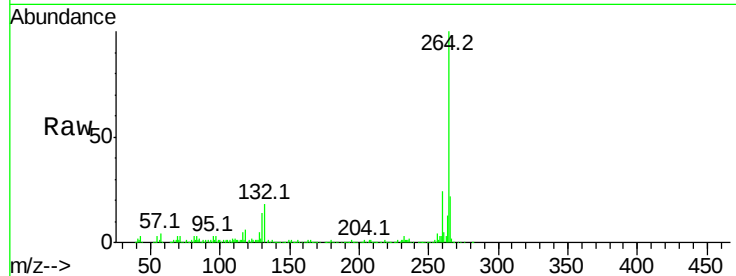
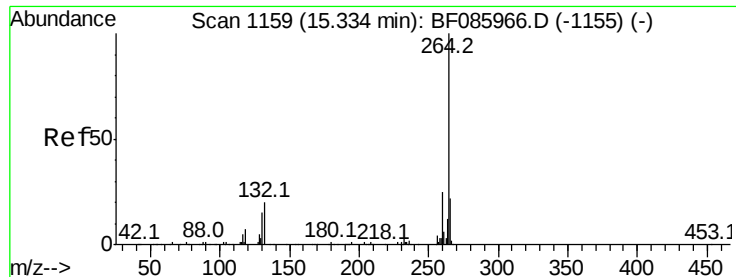


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086102.D
Acq: 6 Apr 2016 16:56

Instrument :
BNA_F
ClientSampleId :
SP-14

Tot Ion:	264	Resp:	322217
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	21.5	17.2	25.8

