

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084886.D
 Acq On : 6 Feb 2016 3:27
 Operator : SJ/IZ
 Sample : H1329-02 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(5-7)

Quant Time: Feb 06 04:27:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

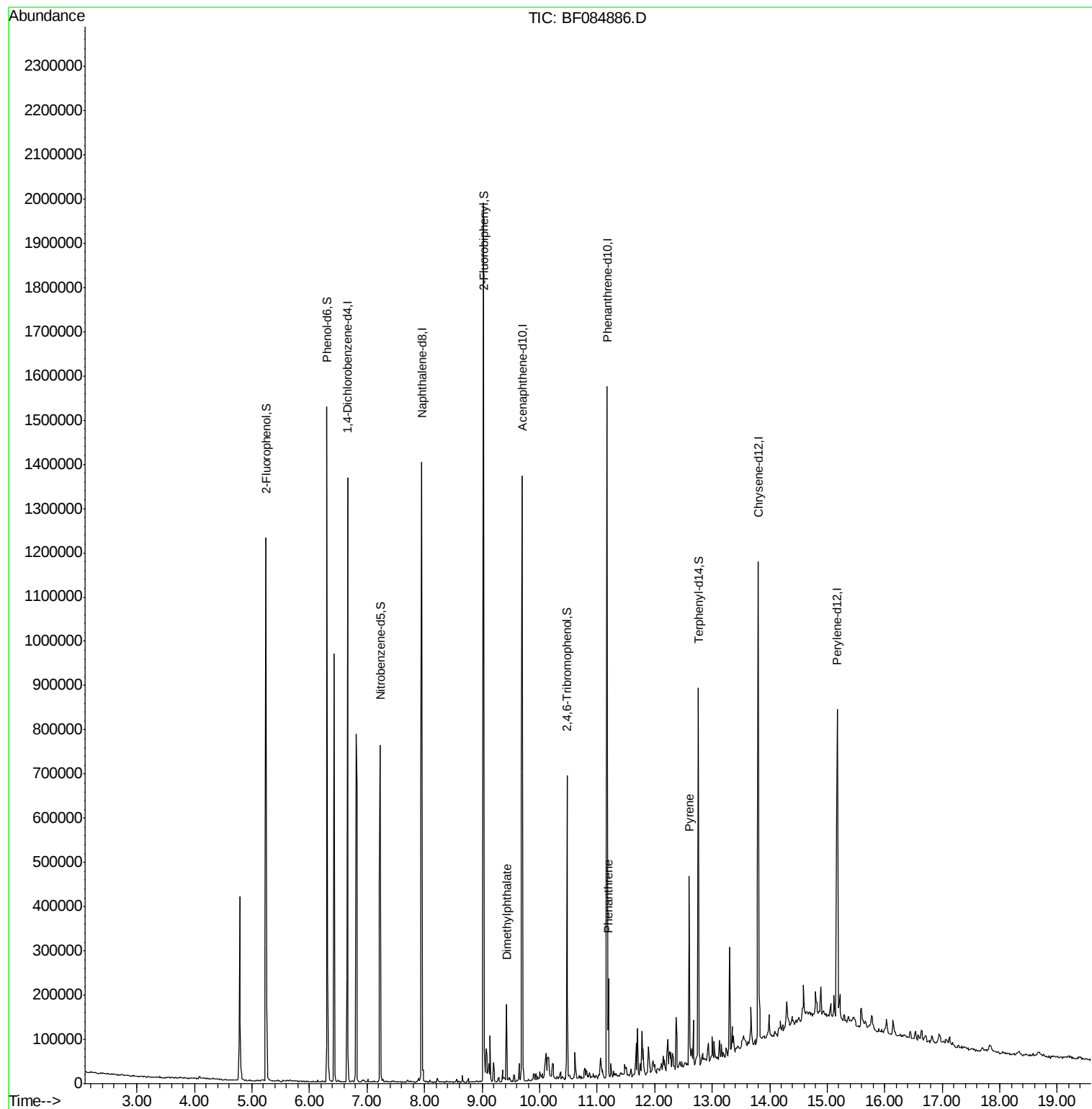
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	188197	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	729867	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	314961	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	532539	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	370546	20.00	ng	-0.03
86) Perylene-d12	15.17	264	330697	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	347380	28.75	ng	-0.03
7) Phenol-d6	6.30	99	464597	31.02	ng	-0.03
23) Nitrobenzene-d5	7.23	82	291785	22.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.48	330	74336	22.63	ng	-0.05
44) 2-Fluorobiphenyl	9.02	172	555059	23.23	ng	-0.03
78) Terphenyl-d14	12.76	244	387689	23.71	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	60584	2.53	ng	# 90
70) Phenanthrene	11.20	178	80174	2.71	ng	99
77) Pyrene	12.60	202	76648	2.70	ng	98

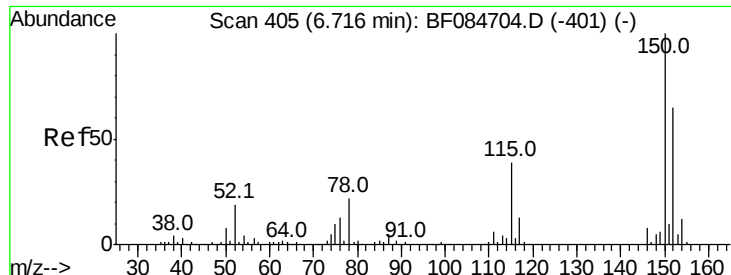
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084886.D

Acq: 6 Feb 2016 3:27

Instrument :

BNA_F

ClientSampleId :

S4-B007(5-7)

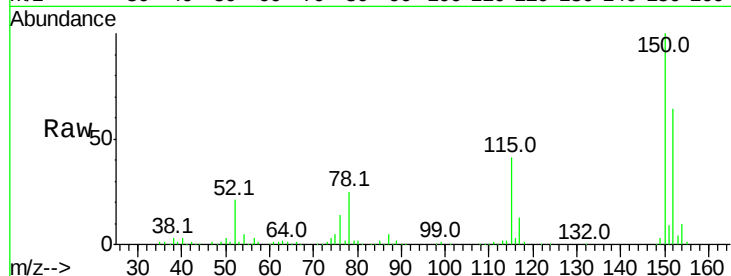
Tot Ion:152 Resp: 188197

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

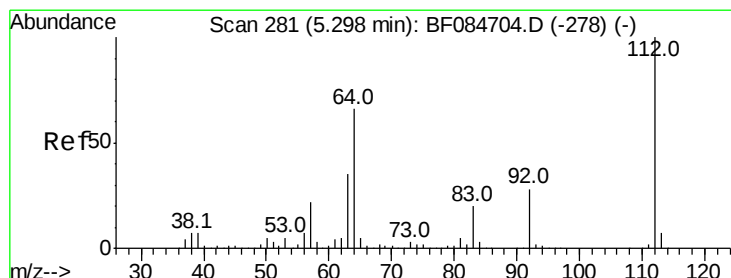
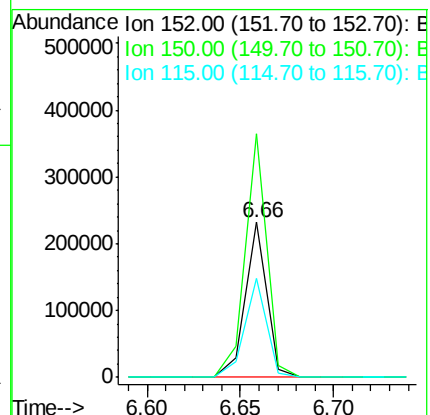
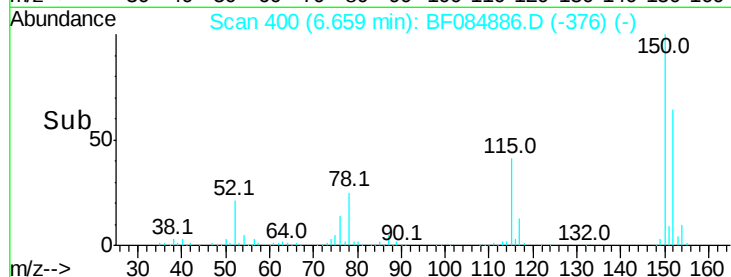
115 64.0 51.4 77.2



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: 28.75 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084886.D

Acq: 6 Feb 2016 3:27

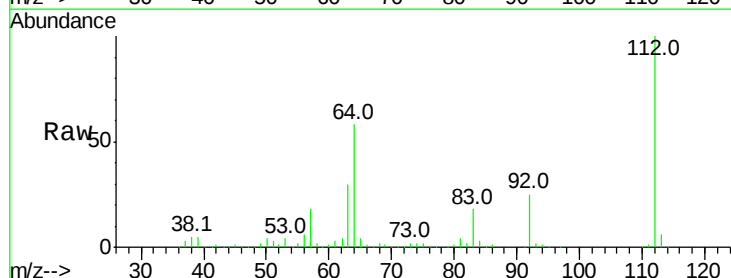
Tgt Ion:112 Resp: 347380

Ion Ratio Lower Upper

112 100

64 58.2 36.6 55.0#

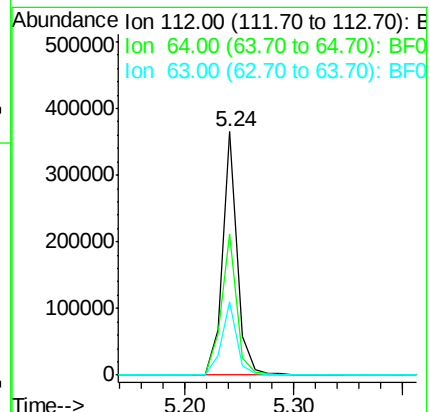
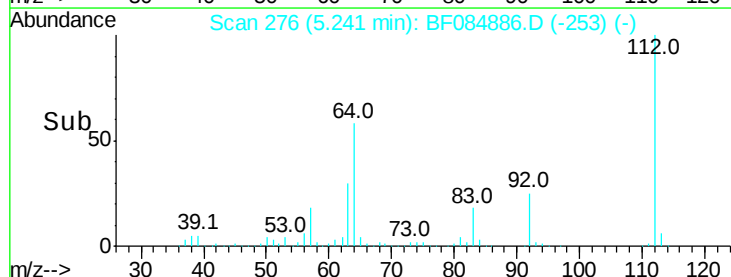
63 29.9 19.4 29.0#

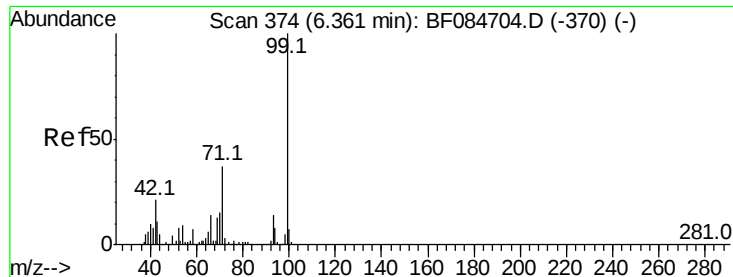


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.02 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084886.D

Acq: 6 Feb 2016 3:27

Instrument :

BNA_F

ClientSampleId :

S4-B007(5-7)

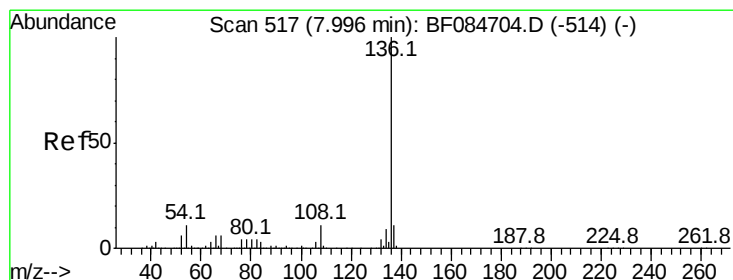
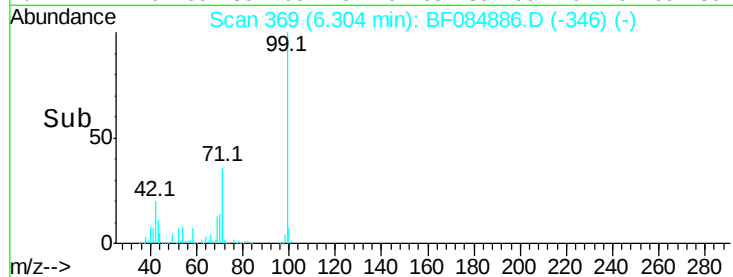
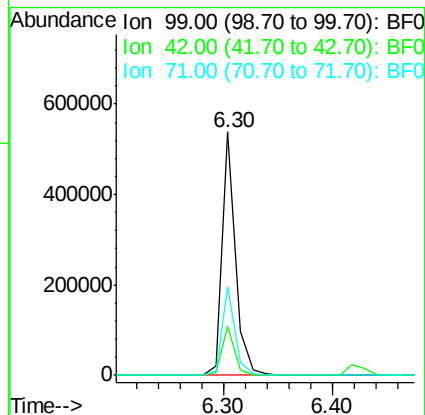
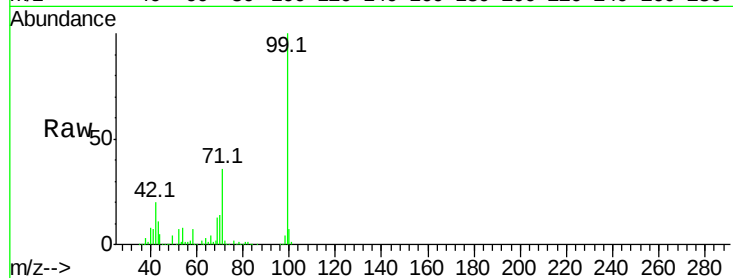
Tot Ion: 99 Resp: 464597

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

71 36.4 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084886.D

Acq: 6 Feb 2016 3:27

Tgt Ion: 136 Resp: 729867

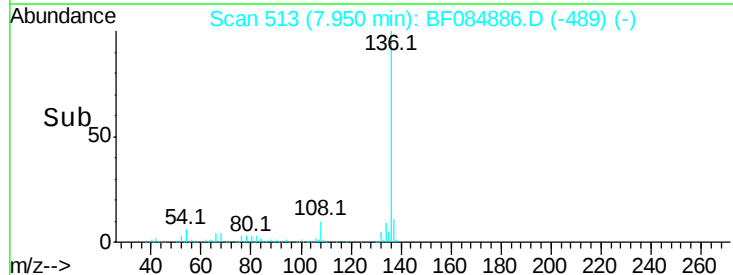
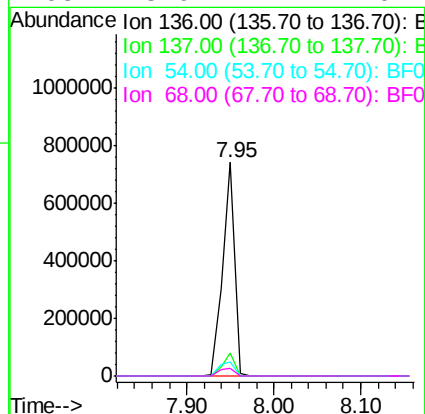
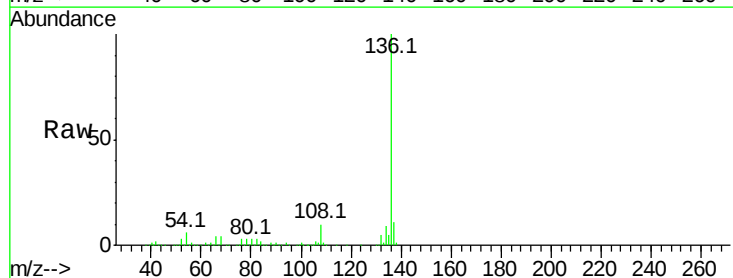
Ion Ratio Lower Upper

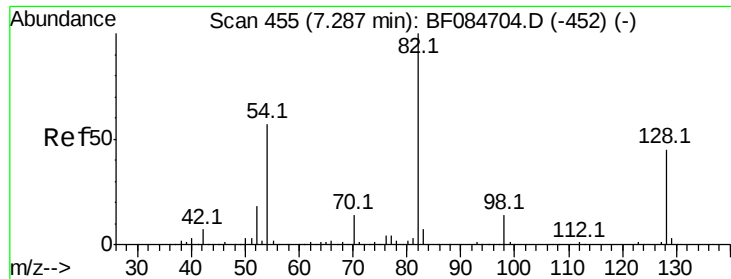
136 100

137 10.7 8.7 13.1

54 6.4 5.8 8.8

68 3.9 4.2 6.2#

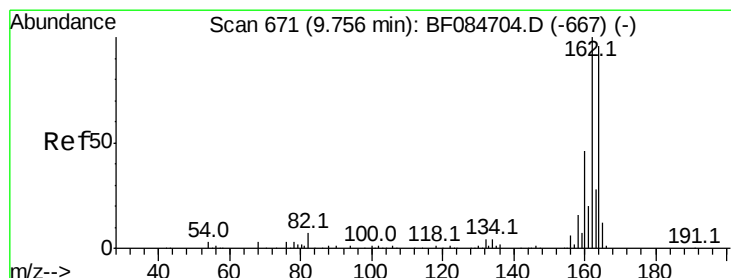
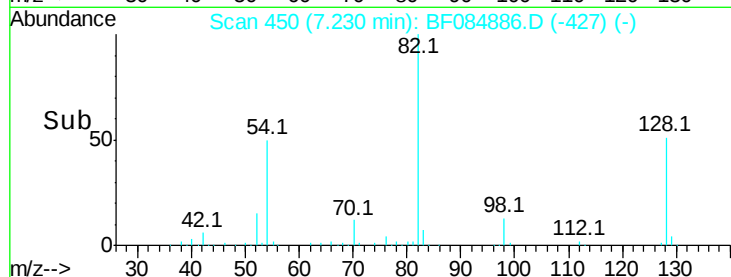
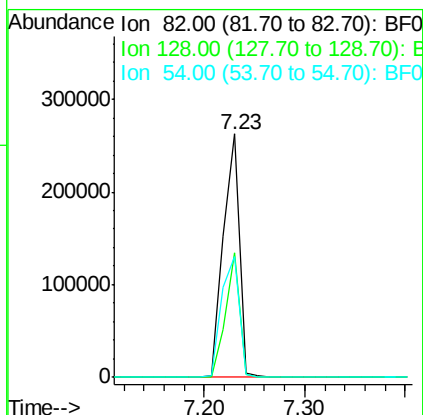
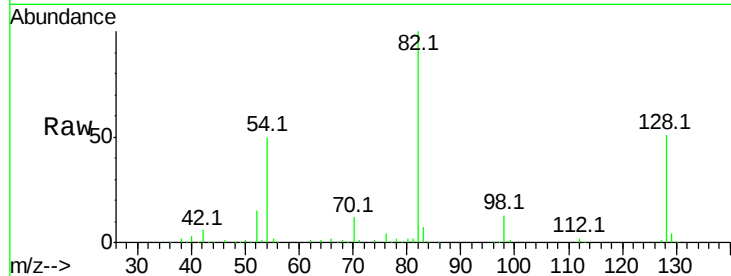




#23
 Nitrobenzene-d5
 Concen: 22.52 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084886.D
 Acq: 6 Feb 2016 3:27

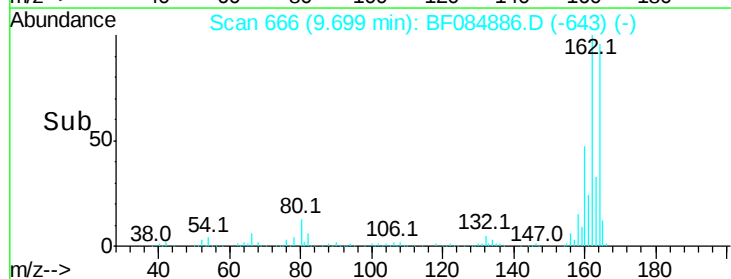
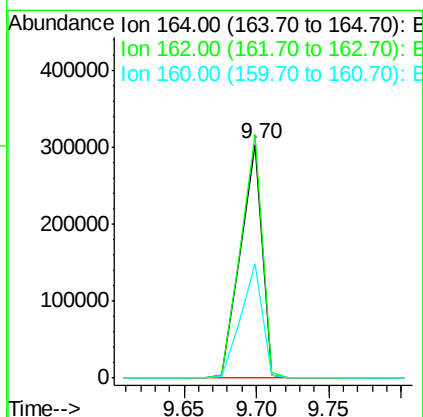
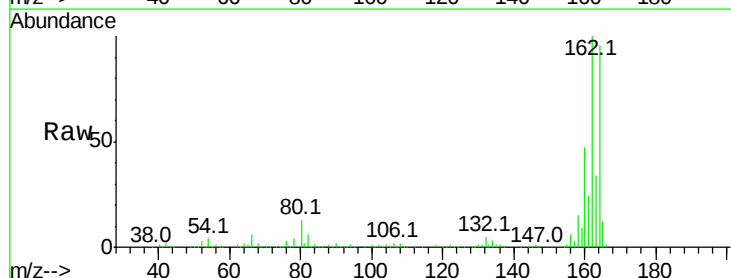
Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(5-7)

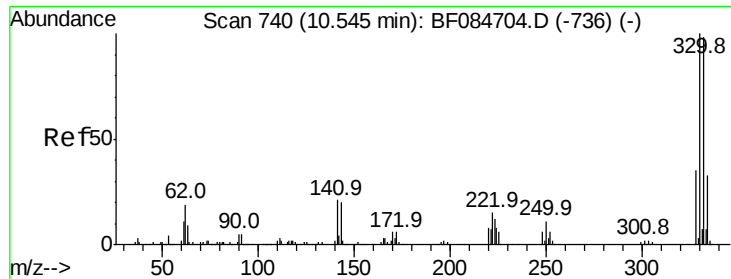
Tot Ion	82	Resp	291785
Ion Ratio	100	Lower	Upper
128	51.3	34.6	51.8
54	49.7	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084886.D
 Acq: 6 Feb 2016 3:27

Tgt Ion	164	Resp	314961
Ion Ratio	100	Lower	Upper
162	104.1	85.1	127.7
160	48.7	37.5	56.3

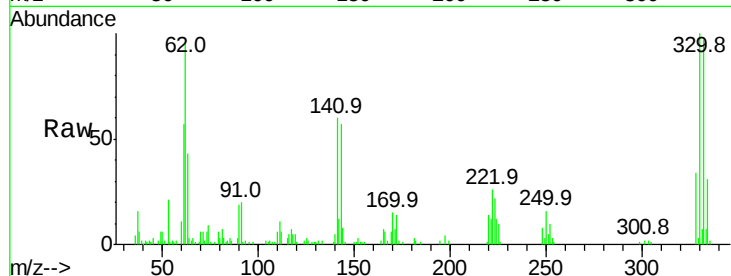




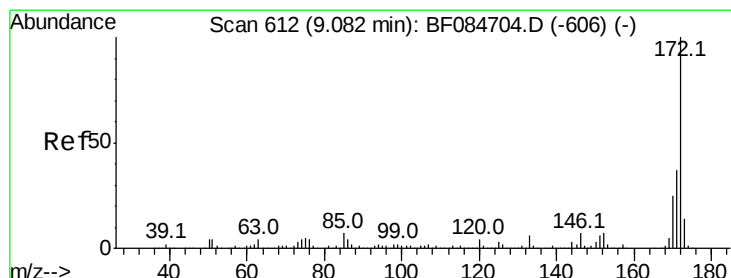
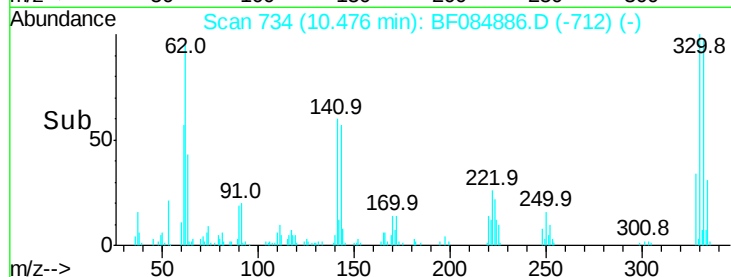
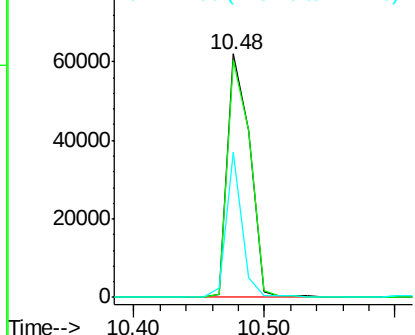
#41
 2,4,6-Tribromophenol
 Concen: 22.63 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.05 min
 Lab File: BF084886.D
 Acq: 6 Feb 2016 3:27

Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(5-7)

Tot Ion:330 Resp: 74336
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 41.8 27.8 41.6#

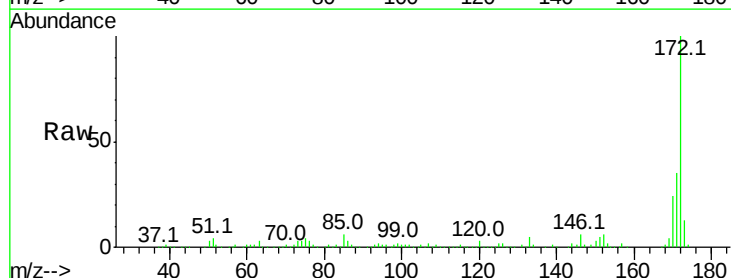


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

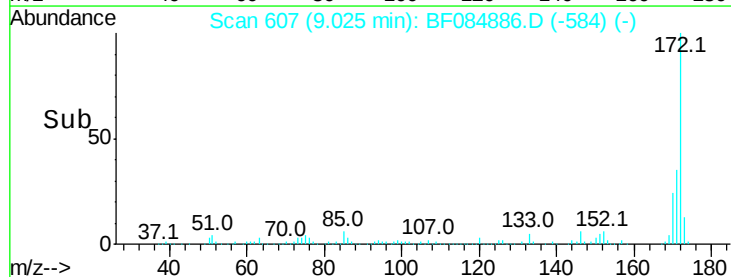
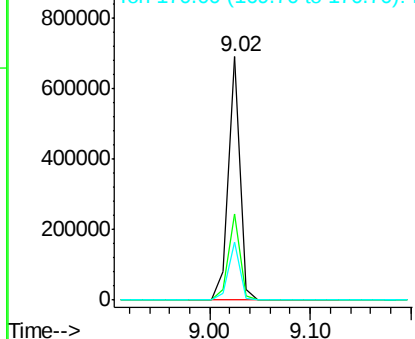


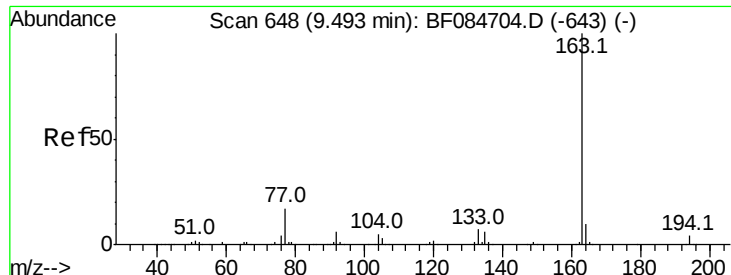
#44
 2-Fluorobiphenyl
 Concen: 23.23 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084886.D
 Acq: 6 Feb 2016 3:27

Tgt Ion:172 Resp: 555059
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.7 18.6 27.8



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

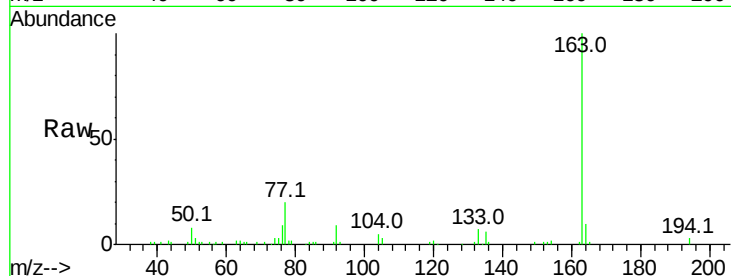




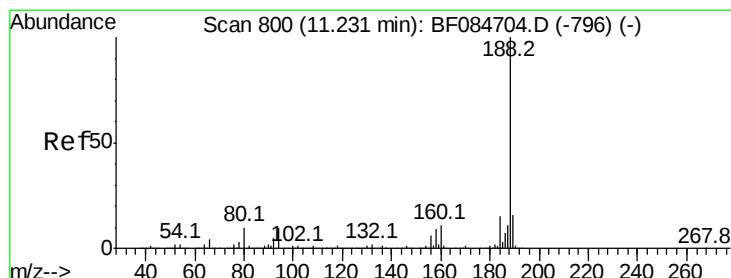
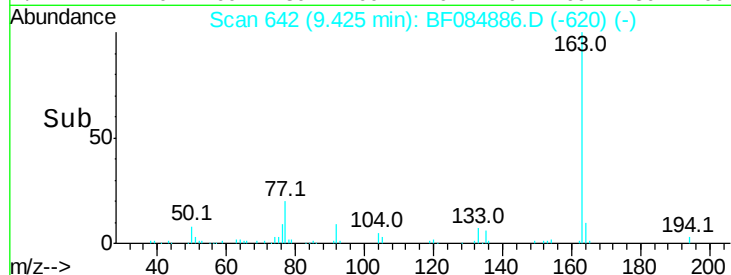
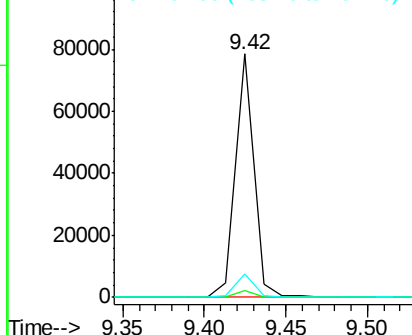
#49
Dimethylphthalate
Concen: 2.53 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084886.D
Acq: 6 Feb 2016 3:27

Instrument :
BNA_F
ClientSampleId :
S4-B007(5-7)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	9.7	8.0	12.0

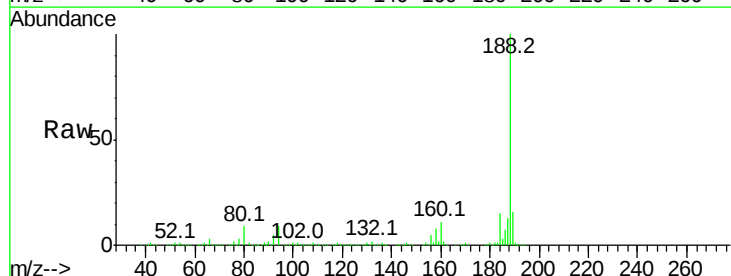


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

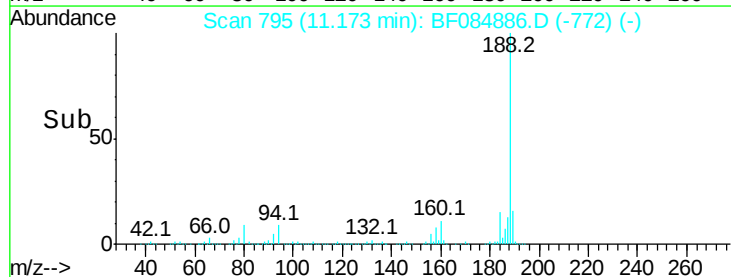
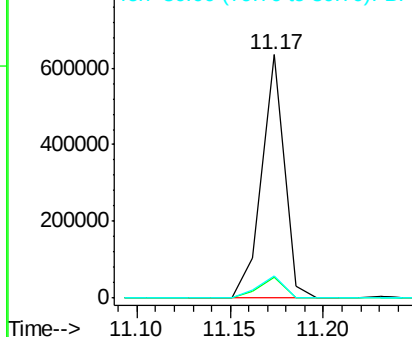


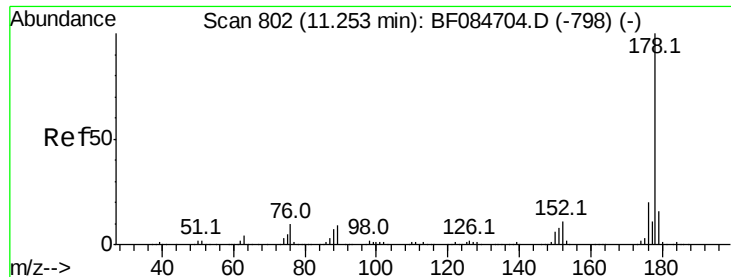
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084886.D
Acq: 6 Feb 2016 3:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	8.9	9.6	14.4#



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

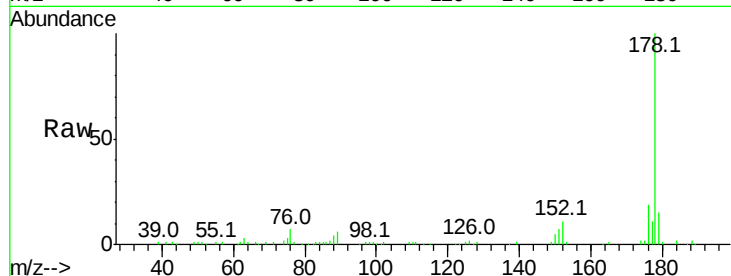




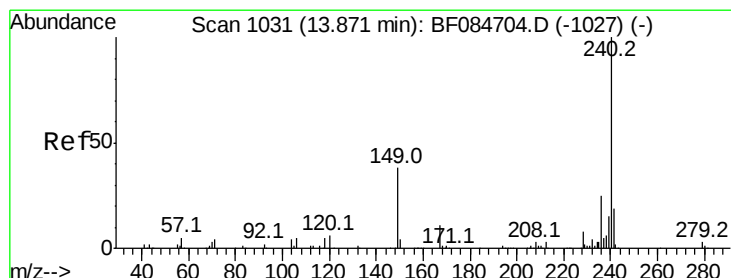
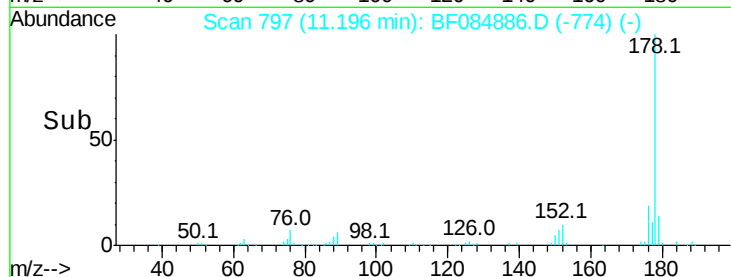
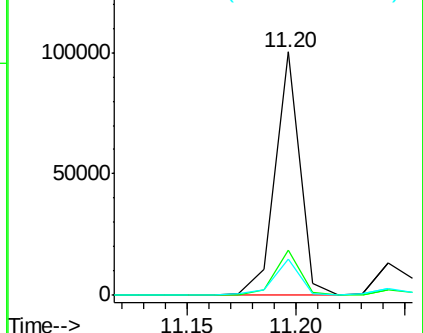
#70
Phenanthrene
Concen: 2.71 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084886.D
Acq: 6 Feb 2016 3:27

Instrument :
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ClientSampleId :
S4-B007(5-7)

Tot Ion:178 Resp: 80174
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.8 12.0 18.0

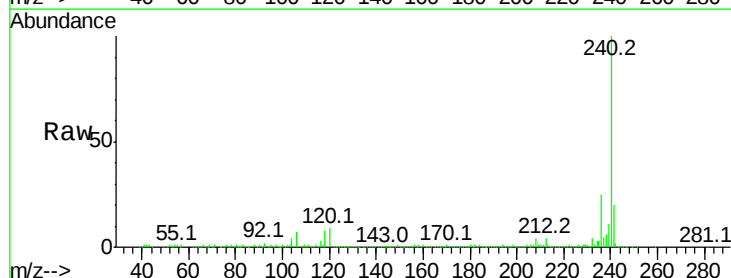


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

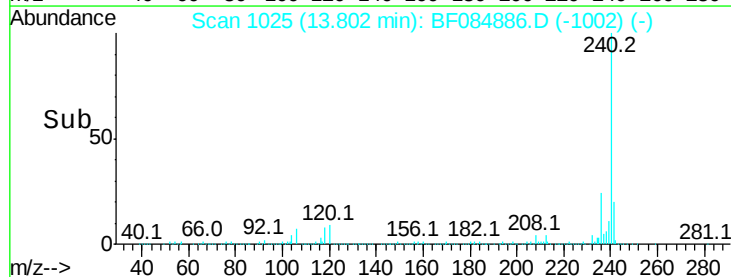
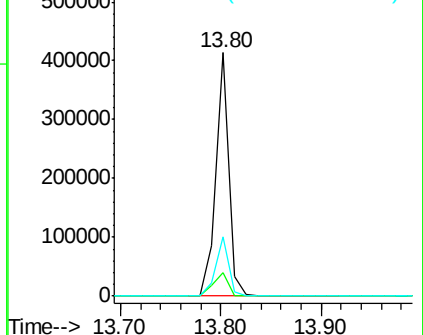


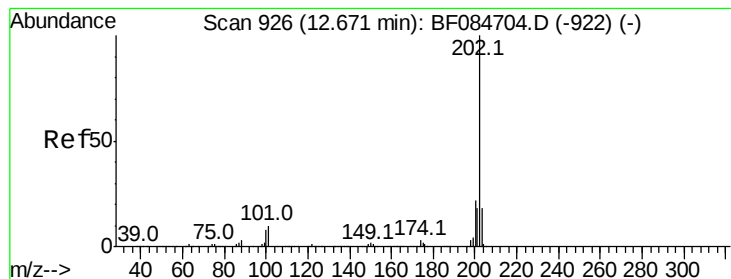
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084886.D
Acq: 6 Feb 2016 3:27

Tgt Ion:240 Resp: 370546
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 24.5 20.6 31.0



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: 2.70 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084886.D

Acq: 6 Feb 2016 3:27

Instrument :

BNA_F

ClientSampleId :

S4-B007(5-7)

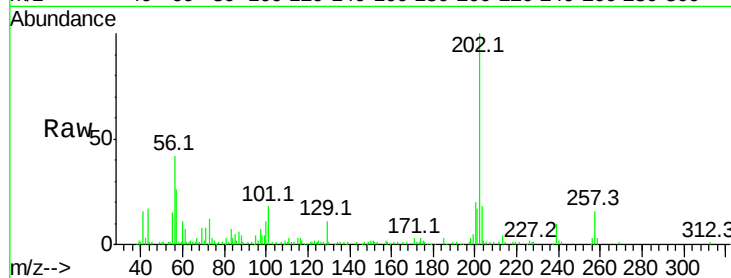
Tot Ion:202 Resp: 76648

Ion Ratio Lower Upper

202 100

200 20.3 17.2 25.8

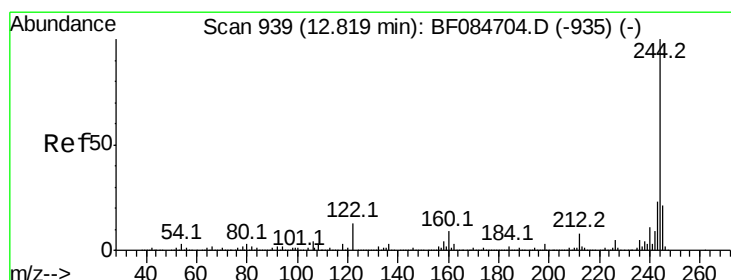
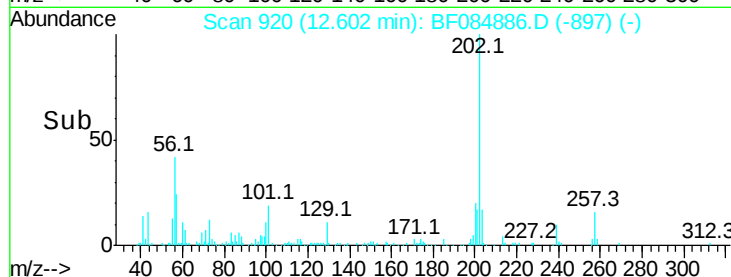
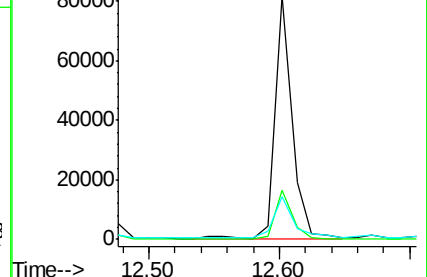
203 17.8 14.3 21.5



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: 23.71 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084886.D

Acq: 6 Feb 2016 3:27

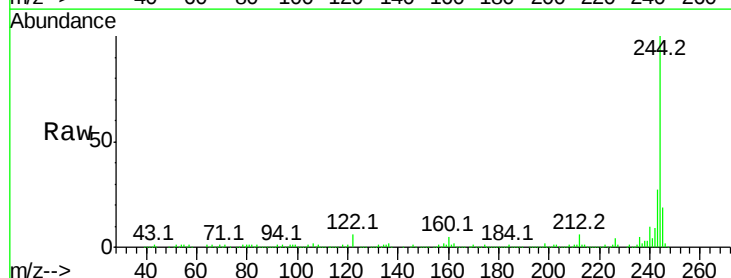
Tgt Ion:244 Resp: 387689

Ion Ratio Lower Upper

244 100

212 5.8 5.7 8.5

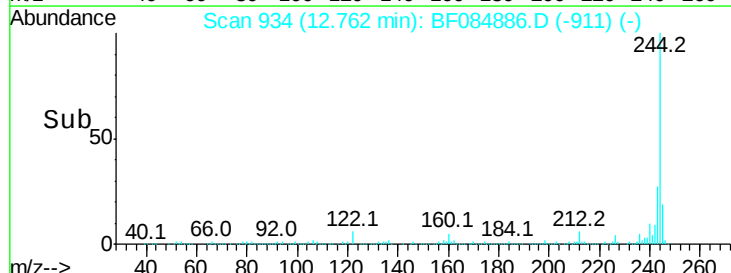
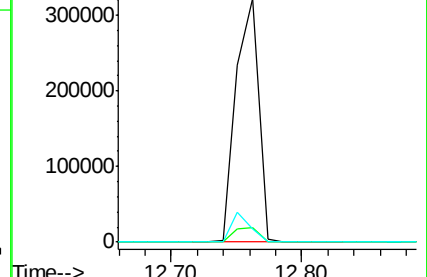
122 5.5 7.4 11.0#

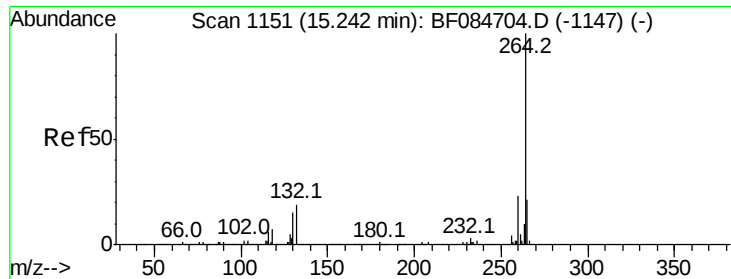


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

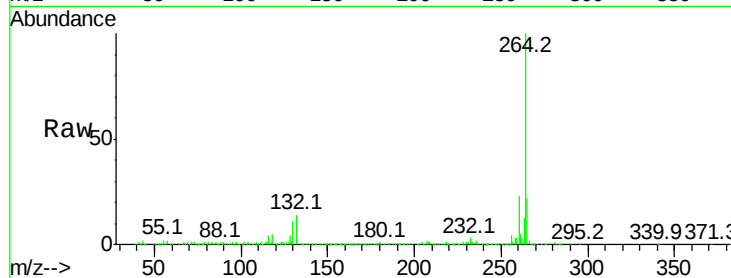




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084886.D
Acq: 6 Feb 2016 3:27

Instrument :
BNA_F
ClientSampleId :
S4-B007(5-7)

Tot Ion:	264	Resp:	330697
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.7	17.8	26.6



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

