

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083587.D
 Acq On : 8 Dec 2015 7:44
 Operator : UM/IZ
 Sample : G4584-09DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-15(8-15)DL

Quant Time: Dec 08 10:18:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

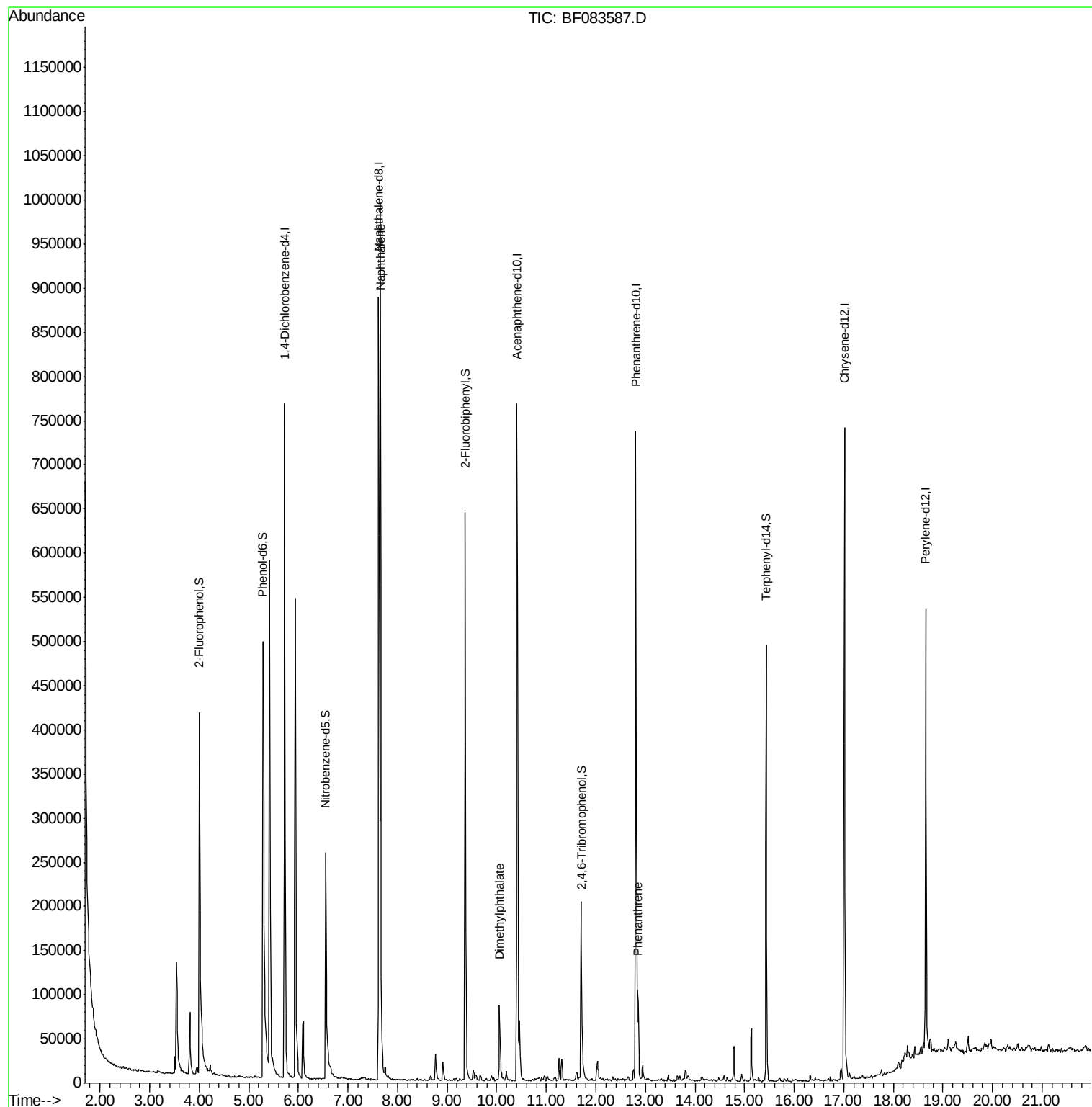
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	156020	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	562169	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	239236	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	378101	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	358440	20.00	ng	-0.03
86) Perylene-d12	18.65	264	265632	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	263739	25.65	ng	-0.03
7) Phenol-d6	5.29	99	346643	24.46	ng	-0.03
23) Nitrobenzene-d5	6.54	82	212683	17.68	ng	-0.06
41) 2,4,6-Tribromophenol	11.71	330	43342	19.64	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	309327	17.54	ng	-0.06
78) Terphenyl-d14	15.44	244	232932	14.46	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	7.65	128	646433	21.60	ng	98
49) Dimethylphthalate	10.05	163	59735	3.17	ng	97
70) Phenanthrene	12.85	178	69280	3.15	ng	98

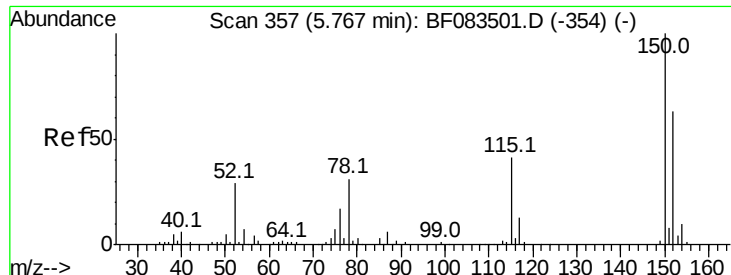
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-15(8-15)DL

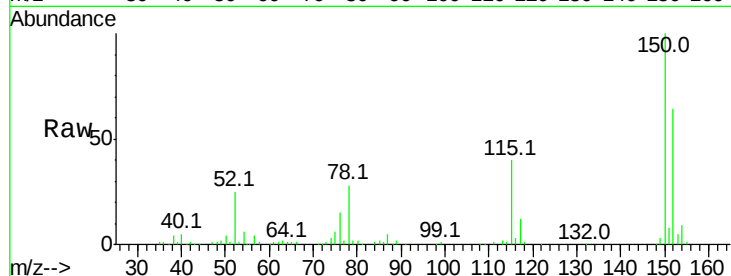
Tot Ion:152 Resp: 156020

Ion Ratio Lower Upper

152 100

150 156.3 126.5 189.7

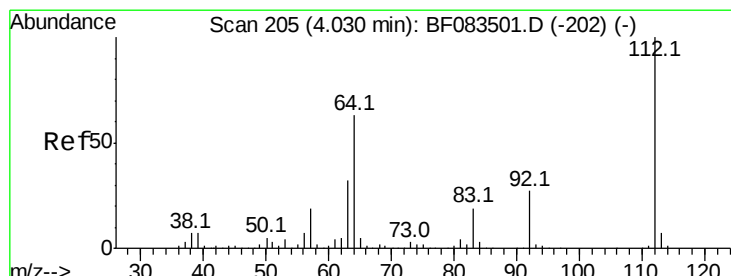
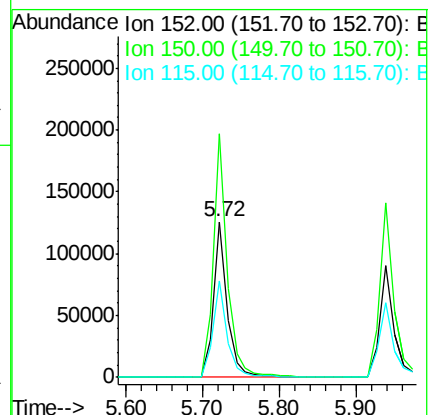
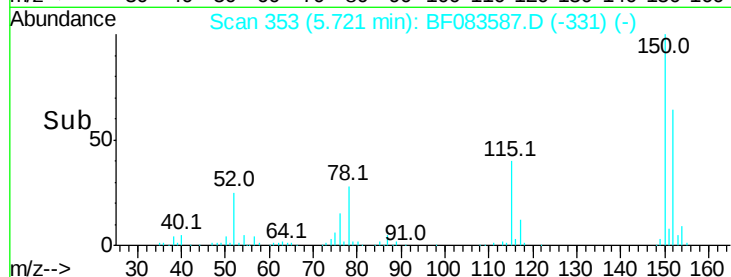
115 62.3 52.3 78.5



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: 25.65 ng

RT: 4.00 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

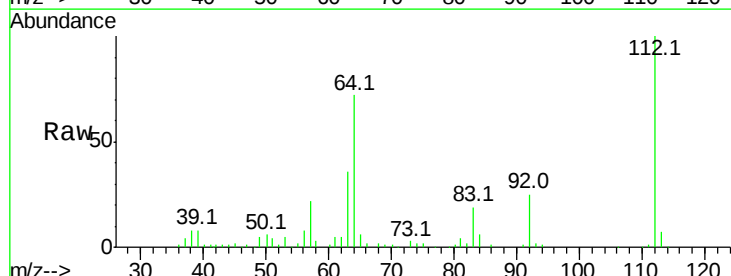
Tgt Ion:112 Resp: 263739

Ion Ratio Lower Upper

112 100

64 71.9 50.5 75.7

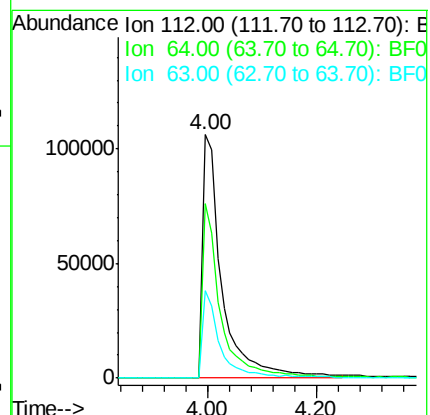
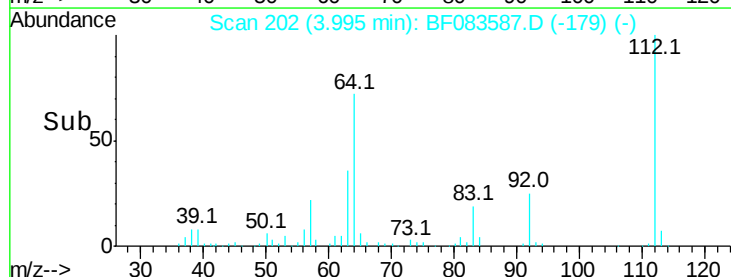
63 35.9 25.8 38.6

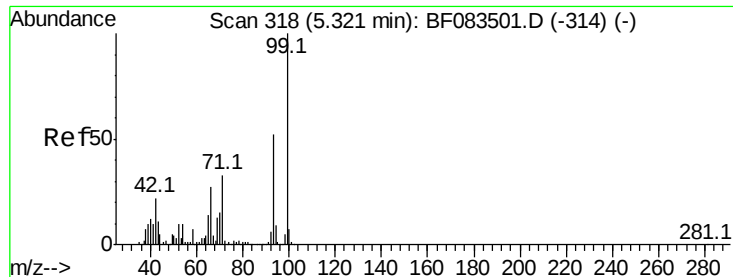


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.46 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-15(8-15)DL

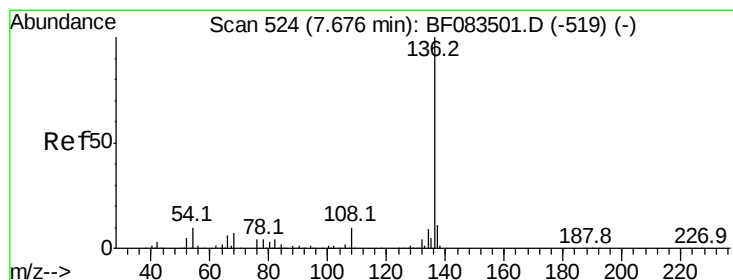
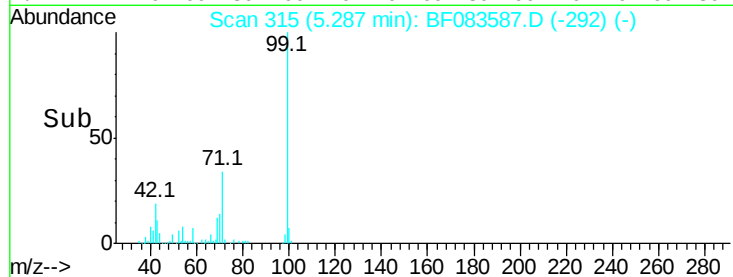
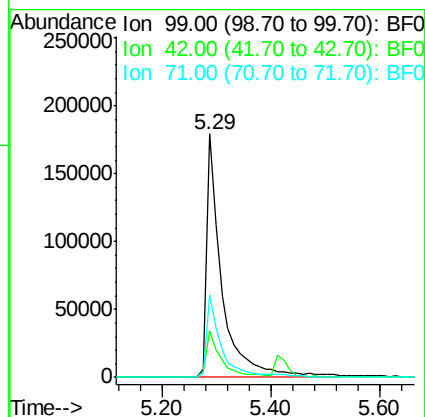
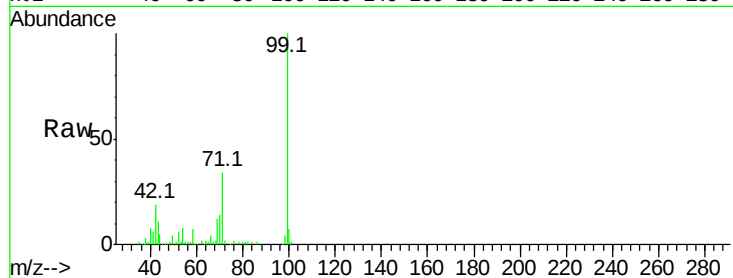
Tot Ion: 99 Resp: 346643

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

71 33.7 26.6 40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

Tgt Ion: 136 Resp: 562169

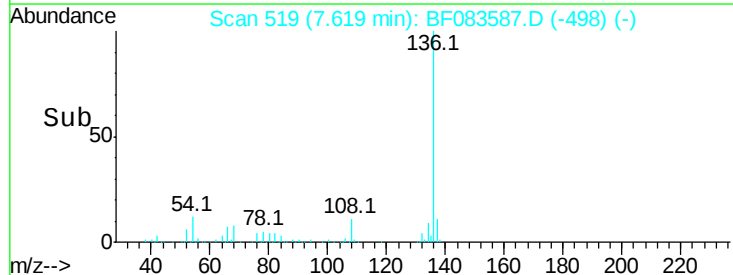
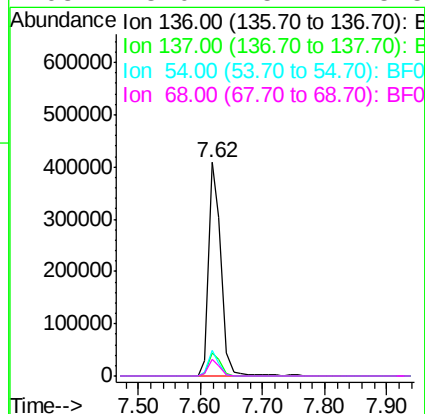
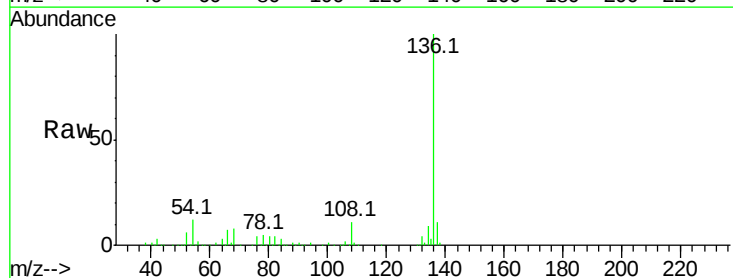
Ion Ratio Lower Upper

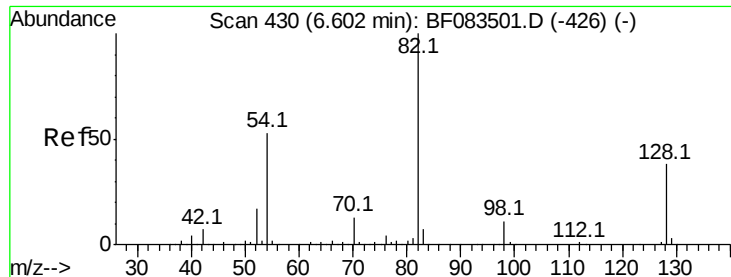
136 100

137 11.0 8.7 13.1

54 11.9 7.8 11.6#

68 8.0 5.7 8.5

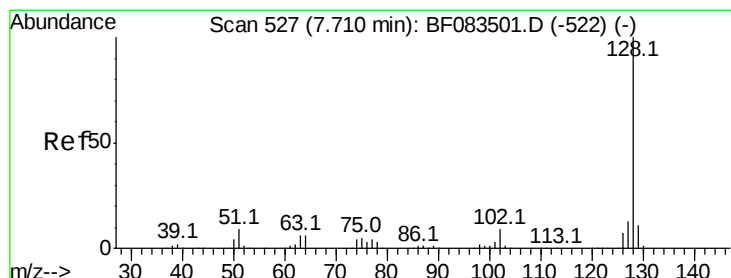
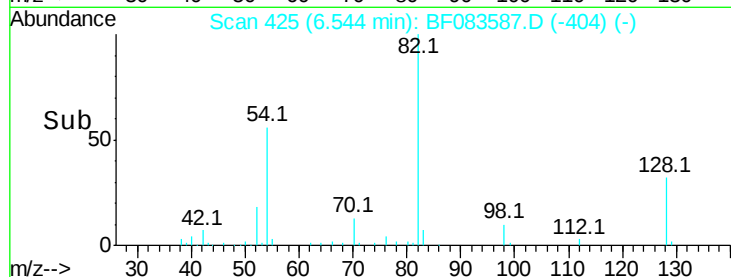
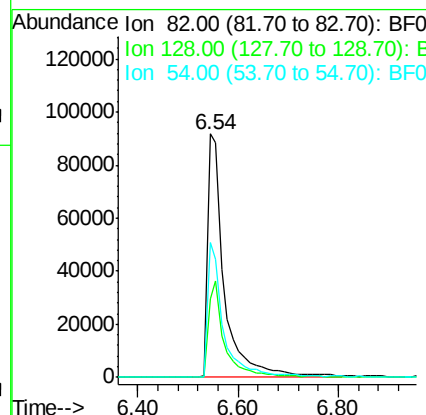
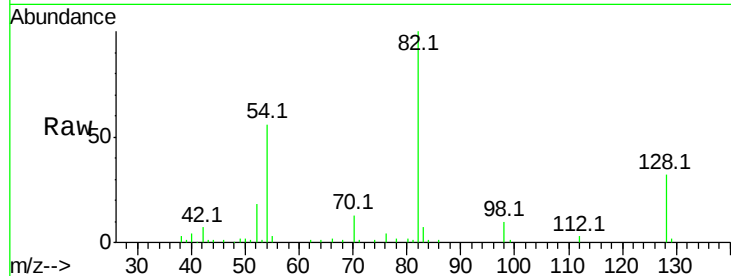




#23
Nitrobenzene-d5
Concen: 17.68 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.06 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

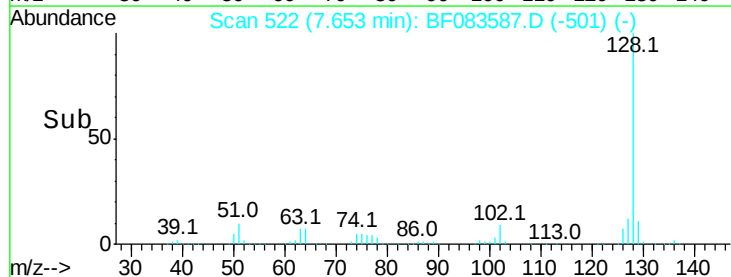
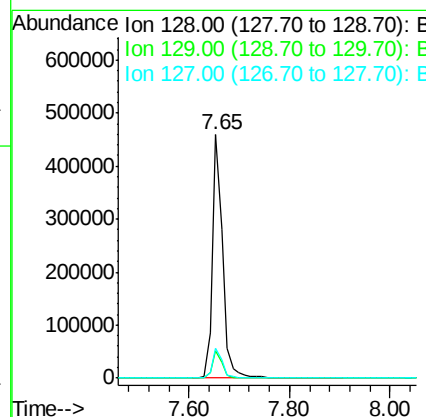
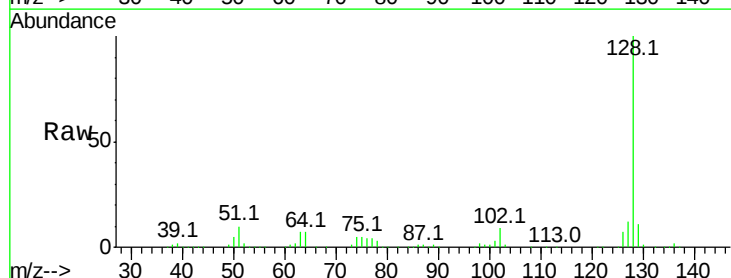
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-15(8-15)DL

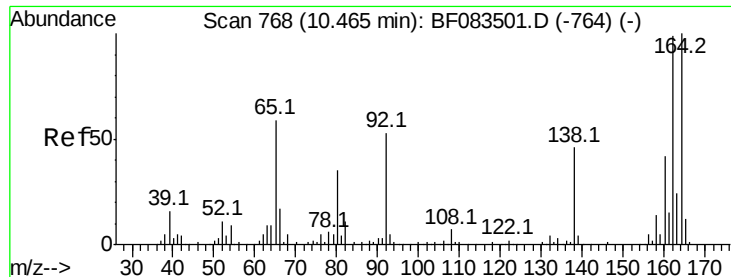
Tot Ion: 82 Resp: 212683
Ion Ratio Lower Upper
82 100
128 32.5 30.7 46.1
54 55.6 42.5 63.7



#31
Naphthalene
Concen: 21.60 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Tgt Ion: 128 Resp: 646433
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.3 10.6 16.0

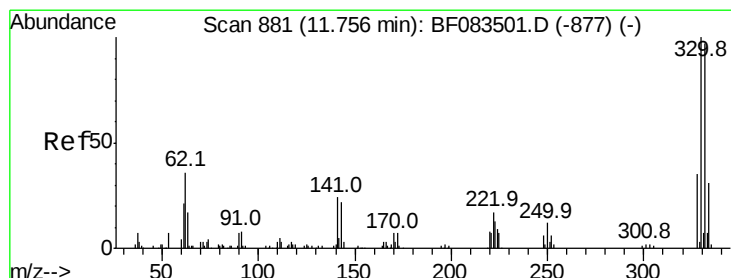
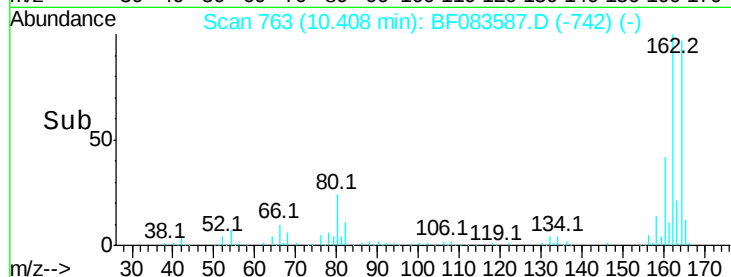
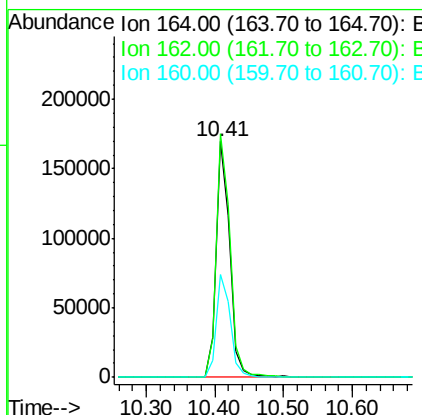
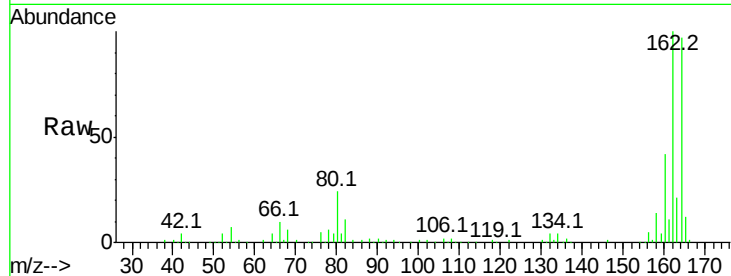




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF083587.D
 Acq: 8 Dec 2015 7:44

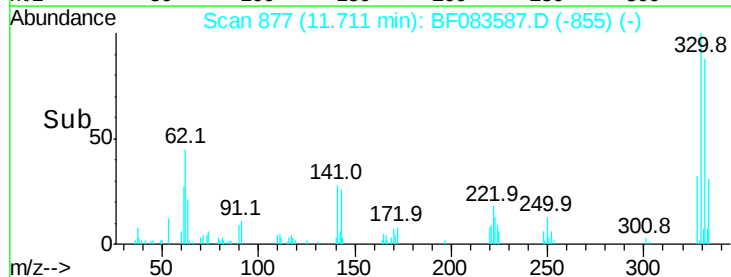
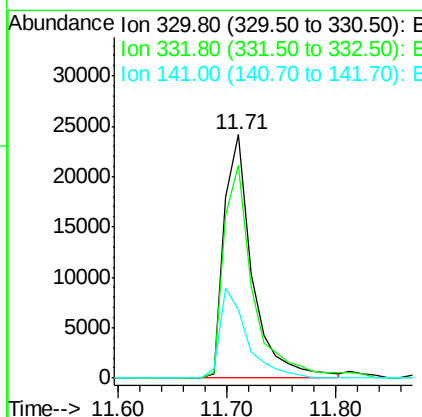
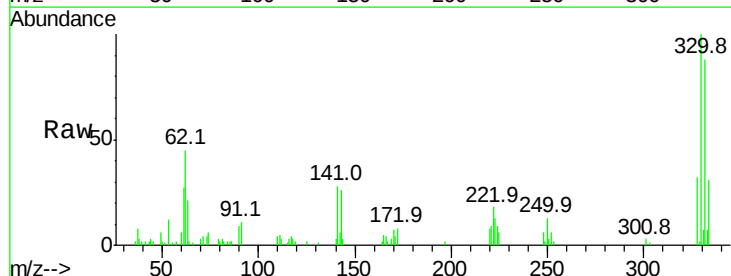
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-15(8-15)DL

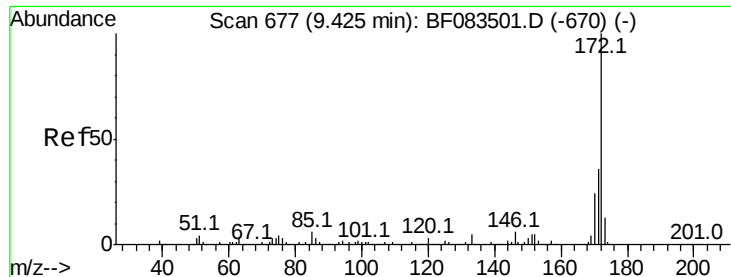
Tot Ion:164 Resp: 239236
 Ion Ratio Lower Upper
 164 100
 162 103.3 78.8 118.2
 160 43.8 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 19.64 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083587.D
 Acq: 8 Dec 2015 7:44

Tgt Ion:330 Resp: 43342
 Ion Ratio Lower Upper
 330 100
 332 92.5 0.0 0.0#
 141 35.7 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: 17.54 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-15(8-15)DL

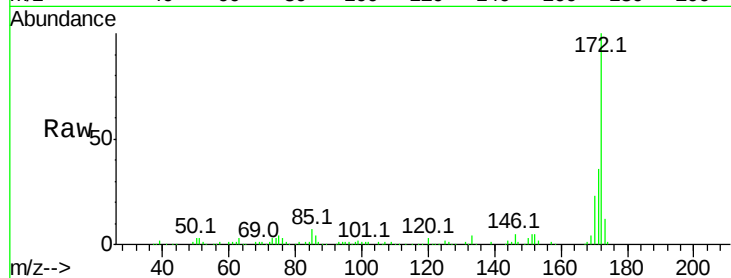
Tot Ion:172 Resp: 309327

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

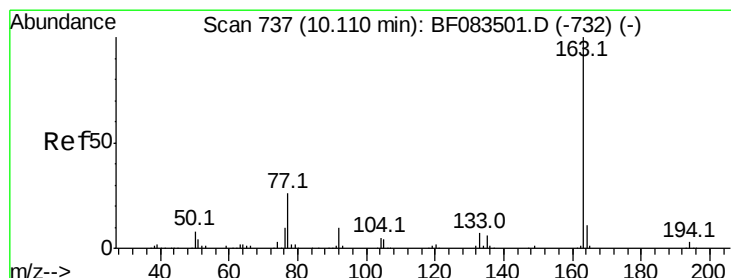
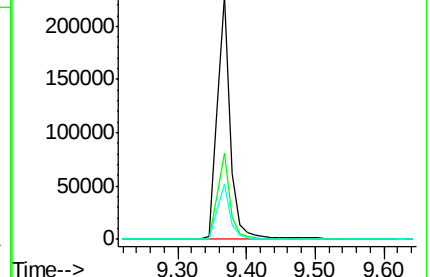
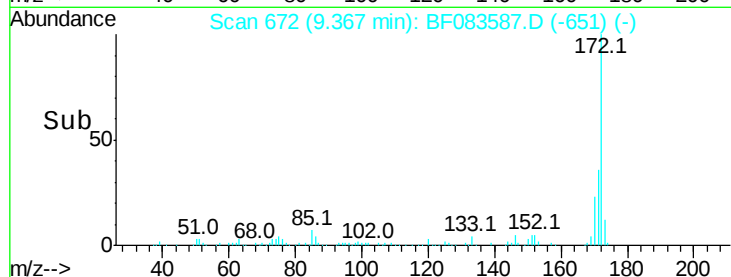
170 22.7 19.4 29.0



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: 3.17 ng

RT: 10.05 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF083587.D

Acq: 8 Dec 2015 7:44

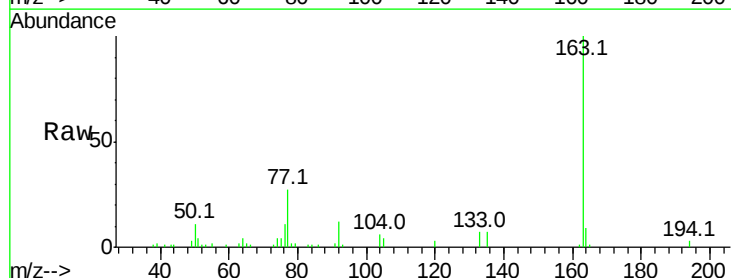
Tgt Ion:163 Resp: 59735

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

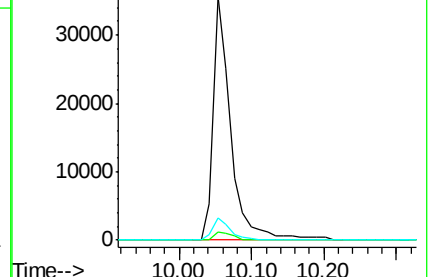
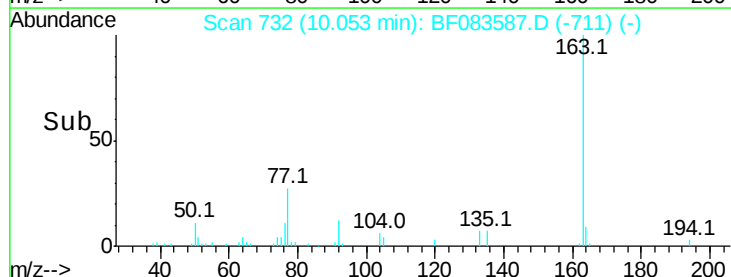
164 9.1 8.6 13.0

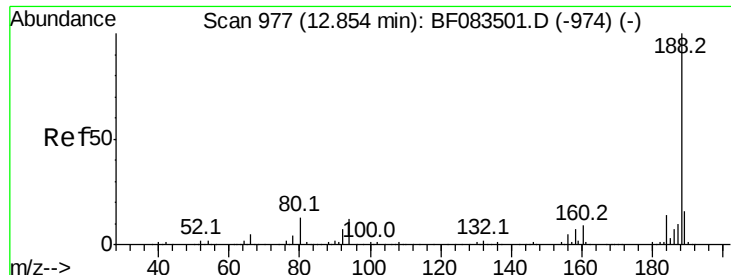


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

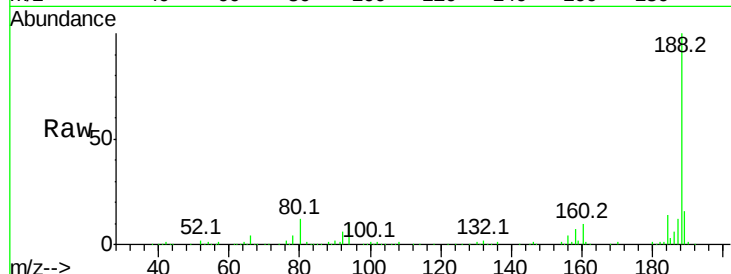




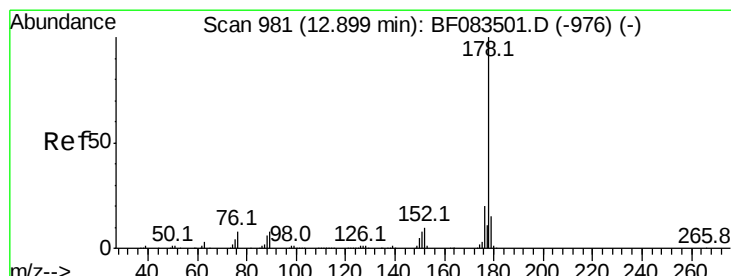
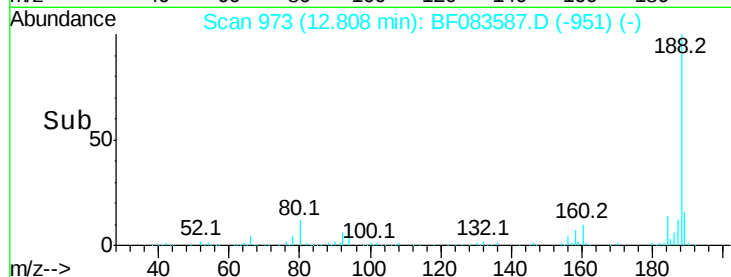
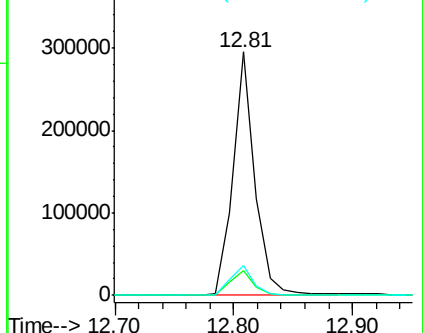
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-15(8-15)DL

Tot Ion:188 Resp: 378101
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 12.3 10.6 16.0

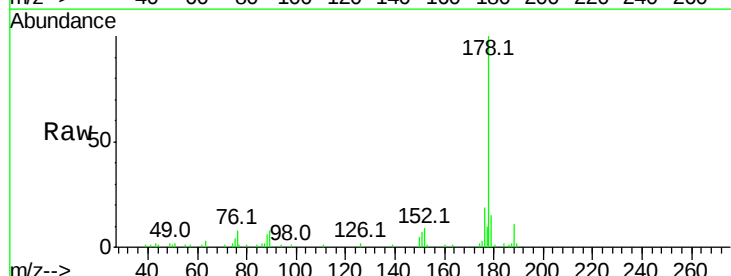


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

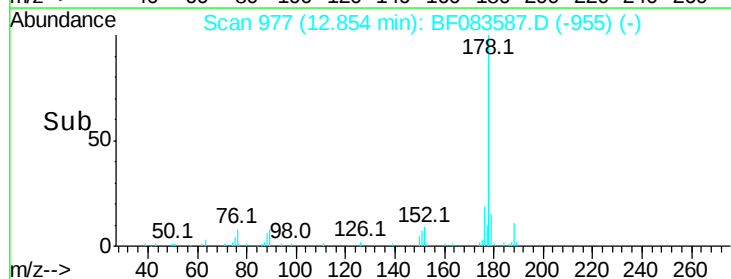
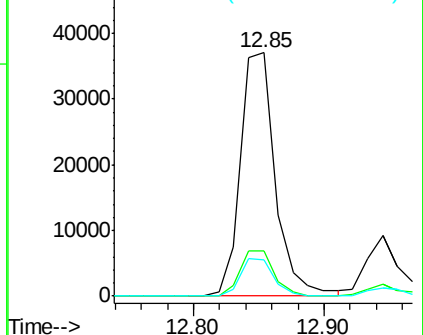


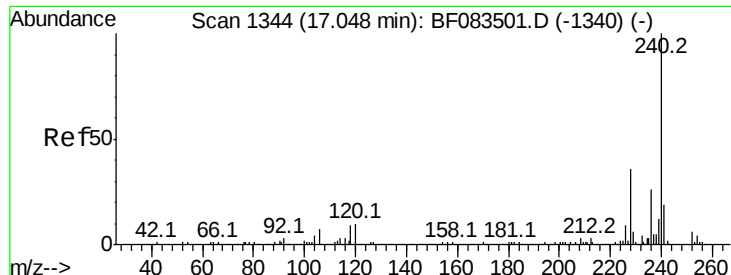
#70
Phenanthrene
Concen: 3.15 ng
RT: 12.85 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Tgt Ion:178 Resp: 69280
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 14.7 12.2 18.4



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

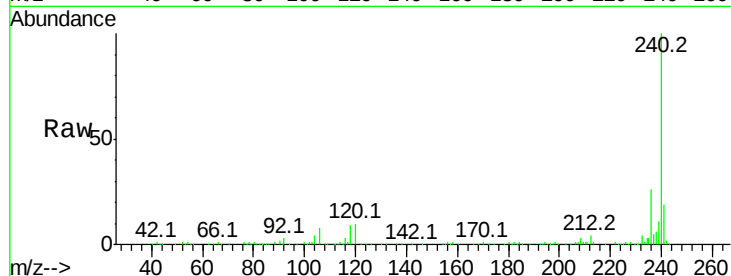




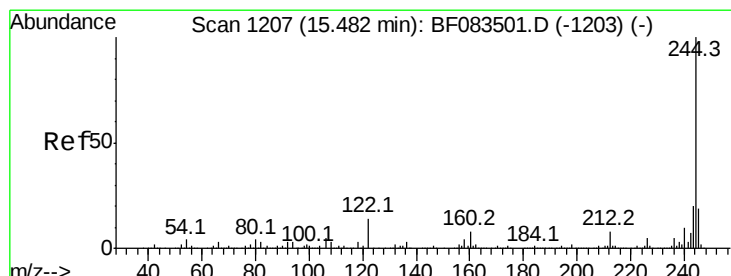
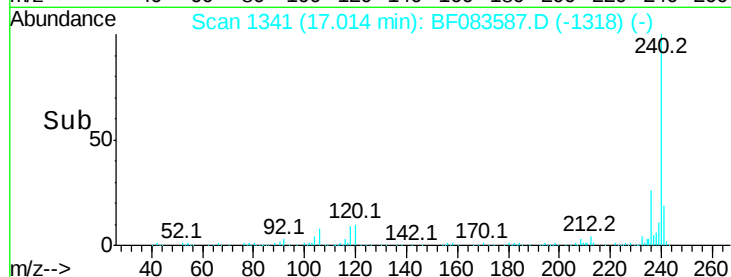
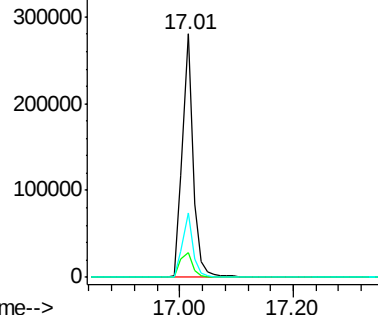
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF083587.D
 Acq: 8 Dec 2015 7:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-15(8-15)DL

Tot Ion:240 Resp: 358440
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 26.2 20.8 31.2

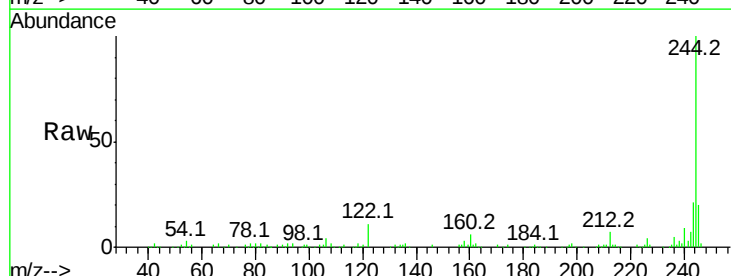


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

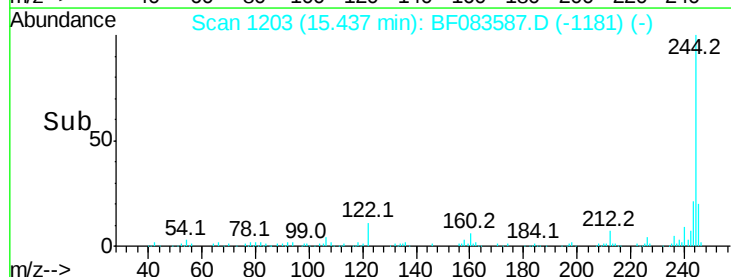
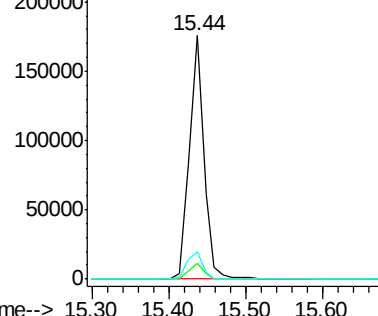


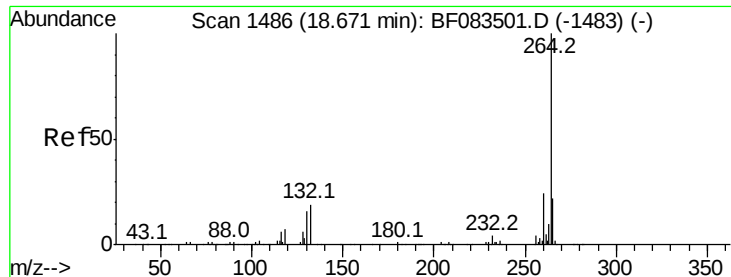
#78
 Terphenyl-d14
 Concen: 14.46 ng
 RT: 15.44 min Scan# 1203
 Delta R.T. -0.05 min
 Lab File: BF083587.D
 Acq: 8 Dec 2015 7:44

Tgt Ion:244 Resp: 232932
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 11.0 11.0 16.6#



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: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083587.D
Acq: 8 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-15(8-15)DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.5	17.8	26.6

