

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082430.D
 Acq On : 22 Oct 2015 4:37
 Operator : UM/IZ
 Sample : G4116-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Quant Time: Oct 22 12:54:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

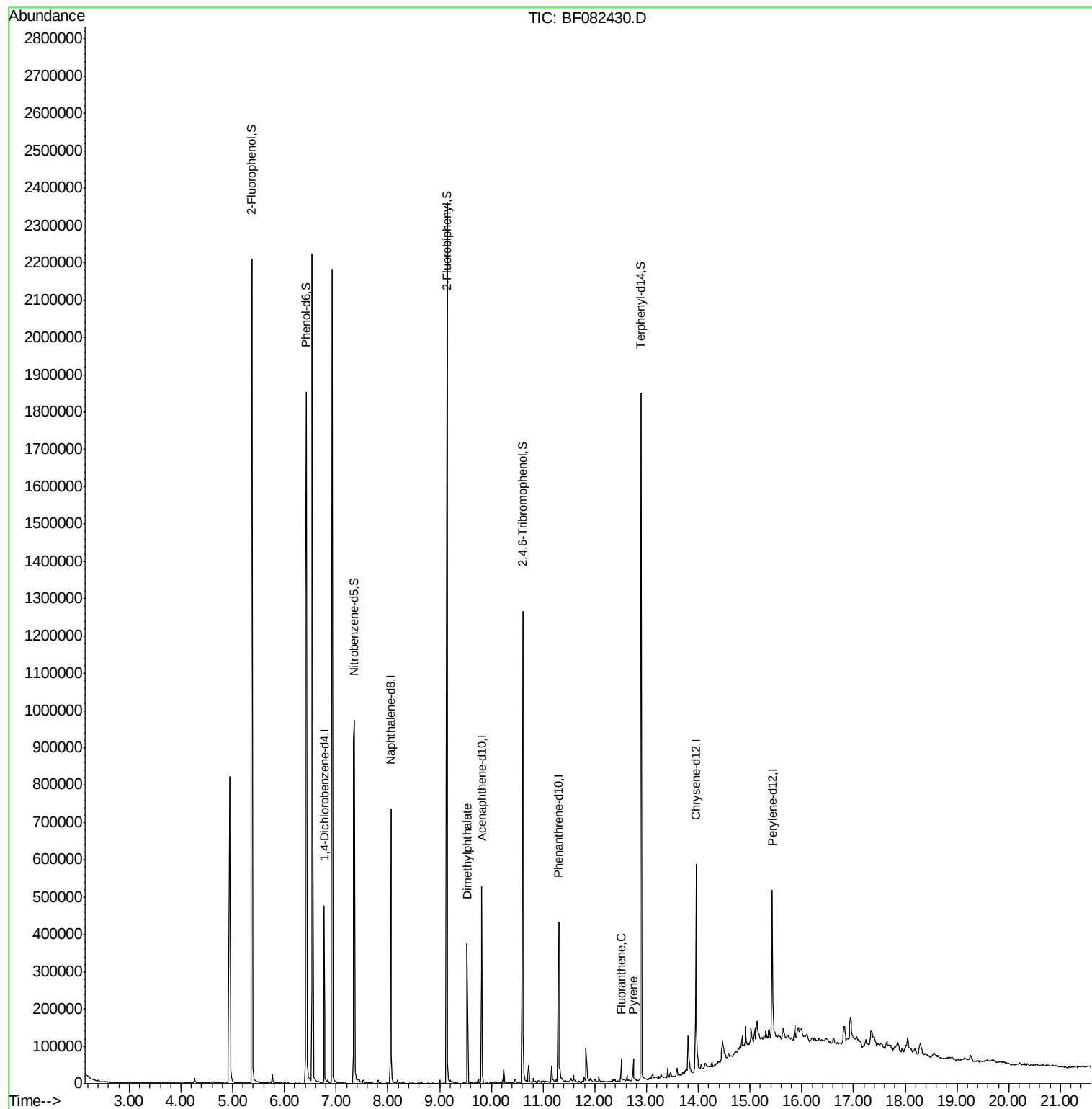
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	83053	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	321323	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	129857	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	209910	20.00	ng	0.00
75) Chrysene-d12	13.96	240	205712	20.00	ng	-0.06
86) Perylene-d12	15.43	264	198525	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	676675	164.43	ng	0.01
7) Phenol-d6	6.42	99	885427	165.34	ng	0.00
23) Nitrobenzene-d5	7.35	82	513498	107.32	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	135583	111.33	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	930181	118.79	ng	0.00
78) Terphenyl-d14	12.89	244	600793	77.39	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	190101	20.79	ng	99
74) Fluoranthene	12.51	202	28839	2.61	ng	98
77) Pyrene	12.74	202	27389	2.24	ng	98

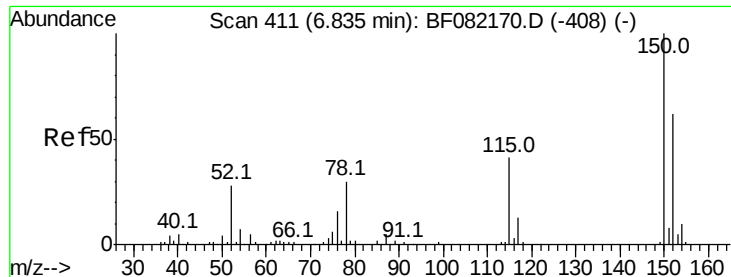
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

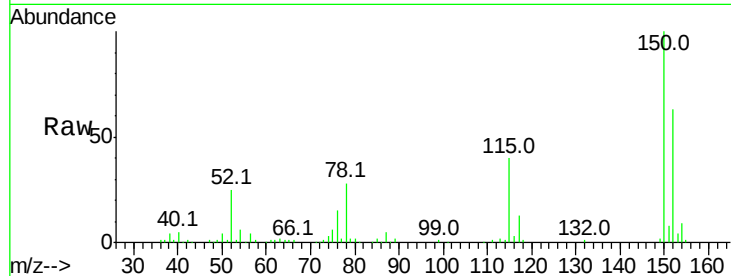
Tot Ion:152 Resp: 83053

Ion Ratio Lower Upper

152 100

150 158.7 129.0 193.4

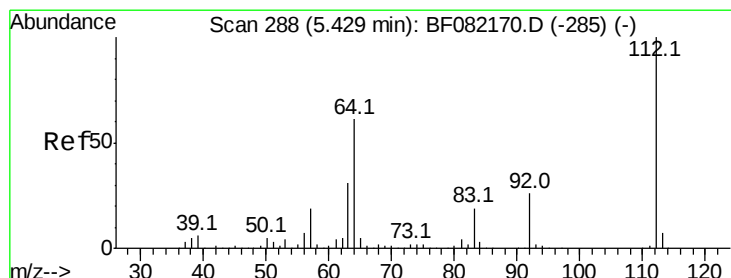
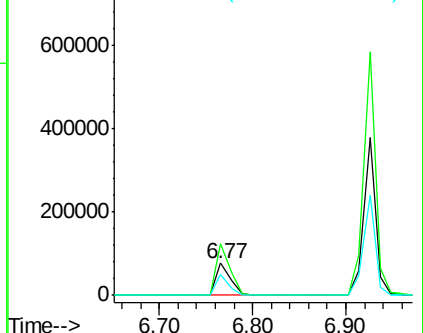
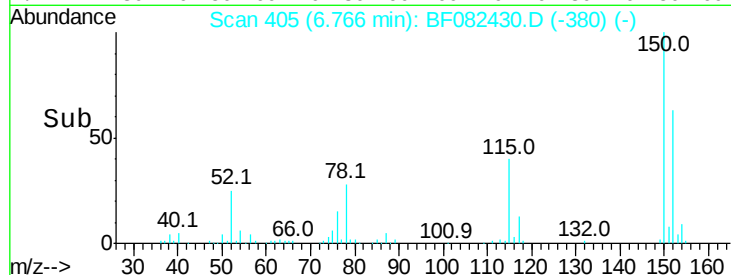
115 64.1 52.1 78.1



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: 164.43 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

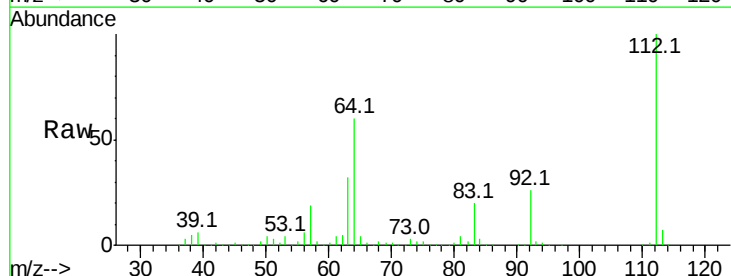
Tgt Ion:112 Resp: 676675

Ion Ratio Lower Upper

112 100

64 60.2 48.6 73.0

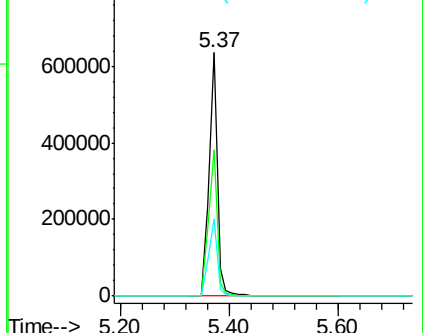
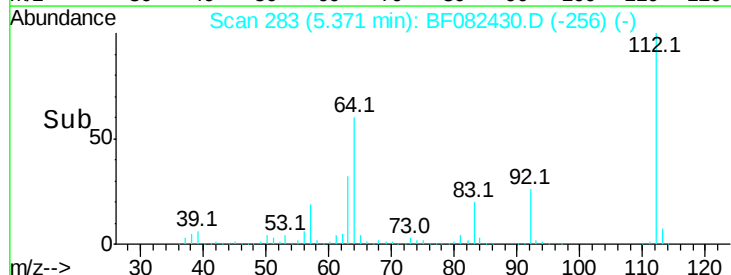
63 31.8 25.1 37.7



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: 165.34 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

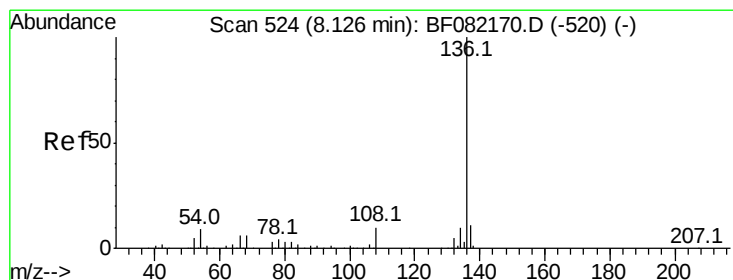
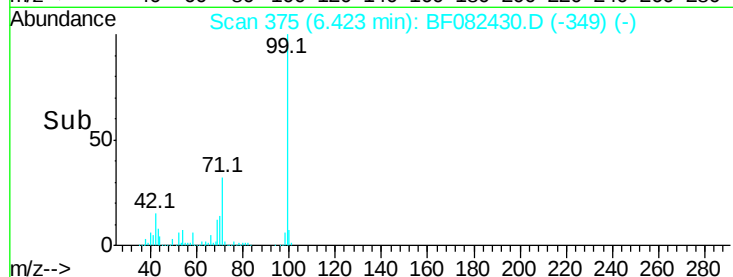
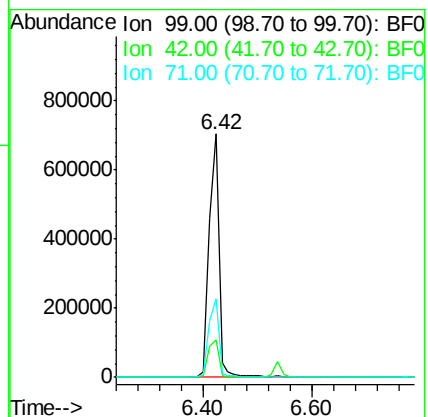
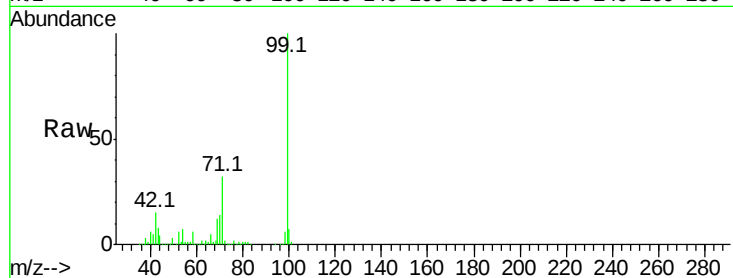
Tot Ion: 99 Resp: 885427

Ion Ratio Lower Upper

99 100

42 15.4 13.2 19.8

71 32.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

Tgt Ion: 136 Resp: 321323

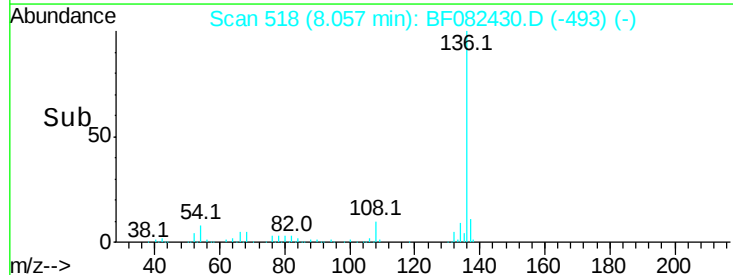
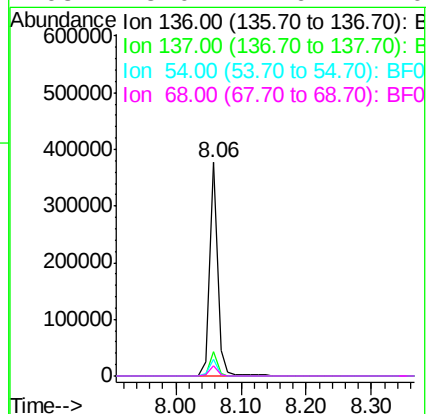
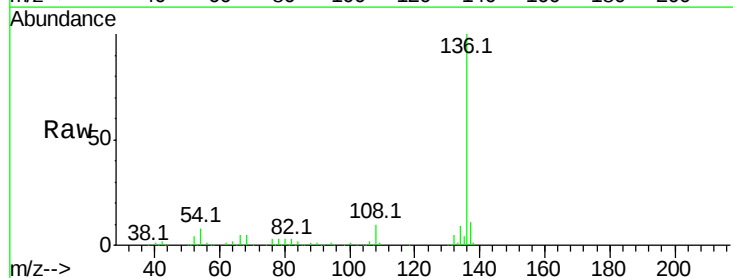
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.9 7.5 11.3

68 5.0 4.6 7.0

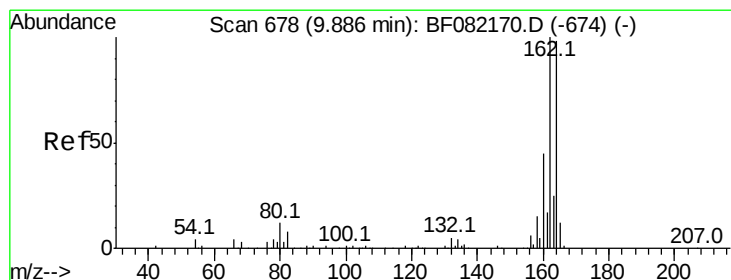
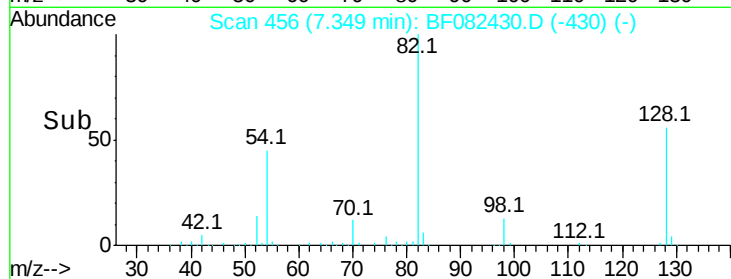
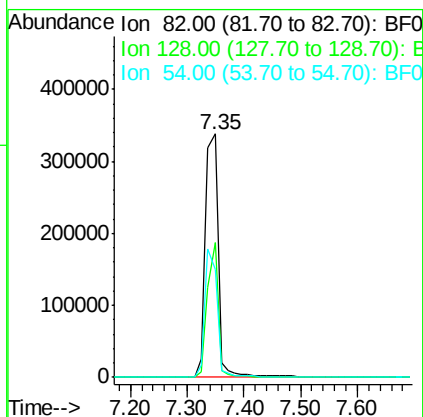
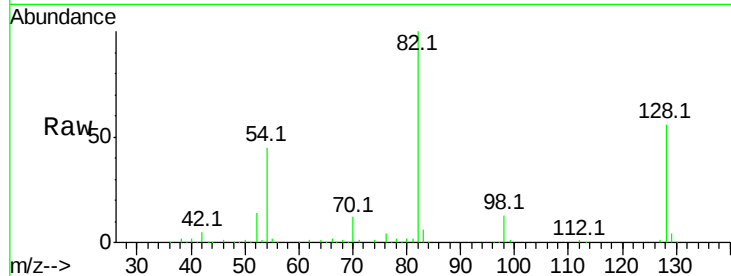




#23
Nitrobenzene-d5
Concen: 107.32 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

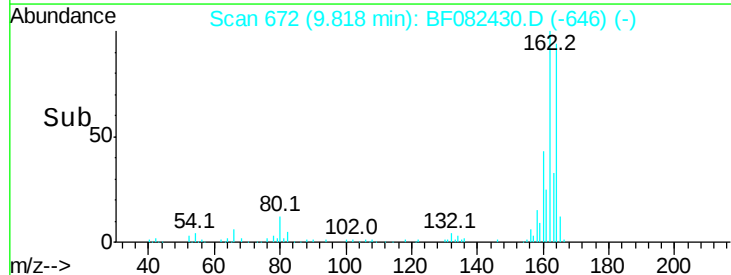
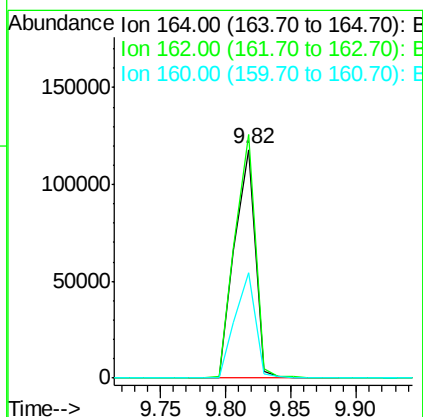
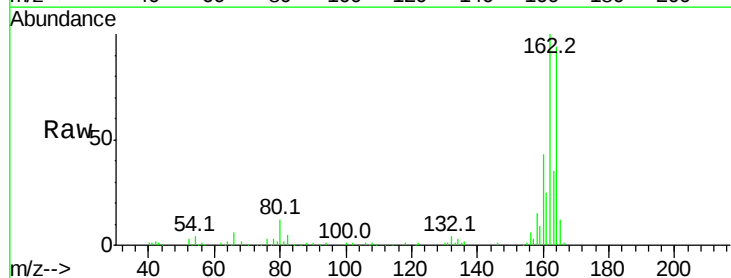
Instrument :
BNA_F
ClientSampleId :
BT-01(0-2)

Tot Ion: 82 Resp: 513498
Ion Ratio Lower Upper
82 100
128 55.5 38.7 58.1
54 44.6 40.1 60.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Tgt Ion:164 Resp: 129857
Ion Ratio Lower Upper
164 100
162 106.4 81.6 122.4
160 46.2 36.4 54.6

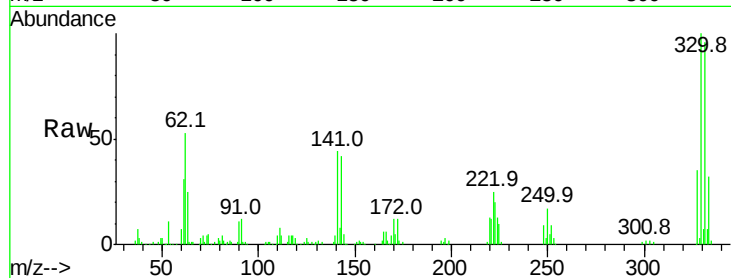




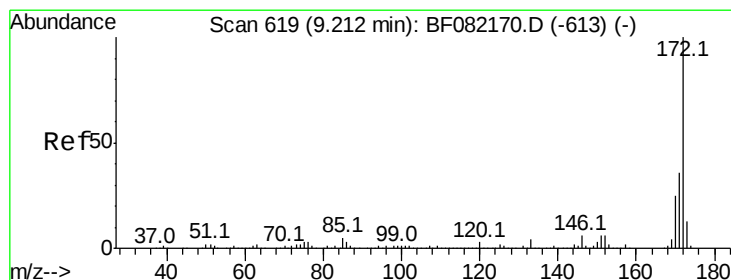
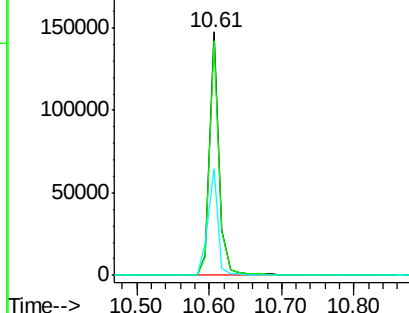
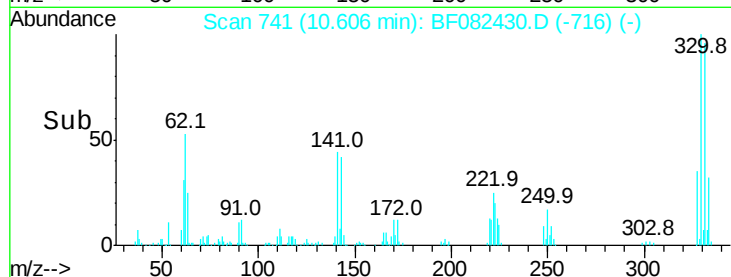
#41
 2,4,6-Tribromophenol
 Concen: 111.33 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	46.0	29.8	44.8#

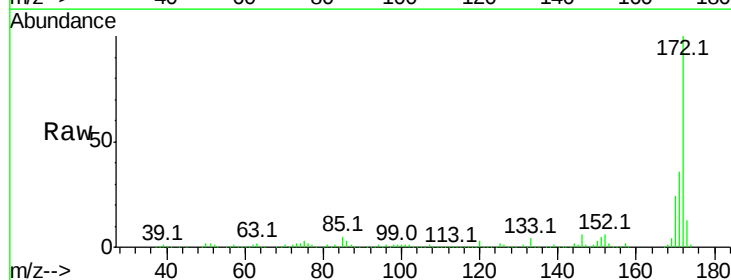


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

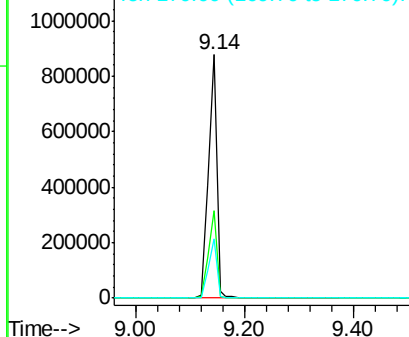
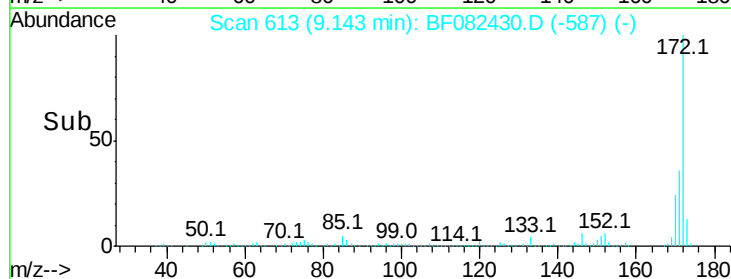


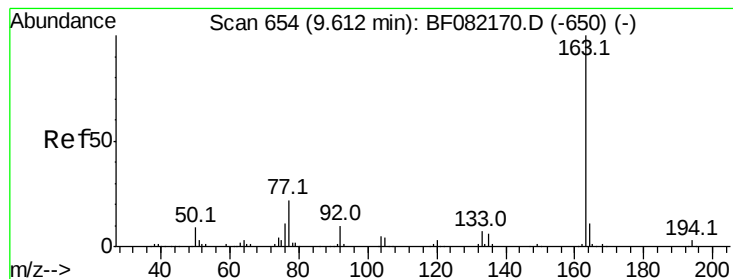
#44
 2-Fluorobiphenyl
 Concen: 118.79 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.4	19.7	29.5



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: 20.79 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

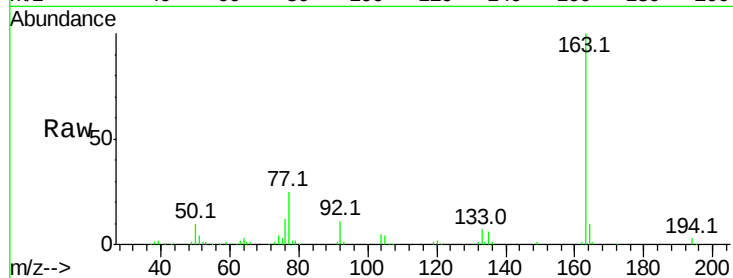
Tot Ion:163 Resp: 190101

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

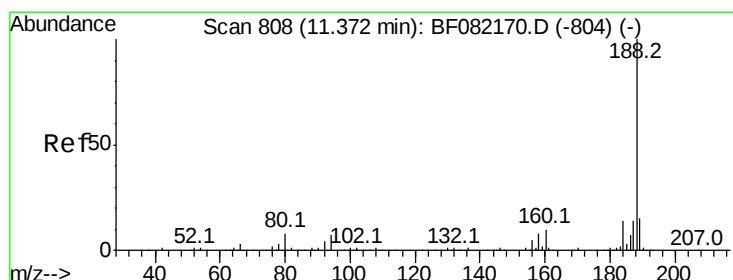
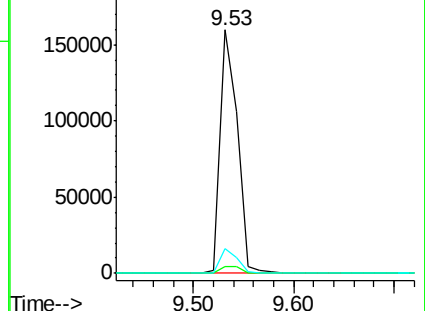
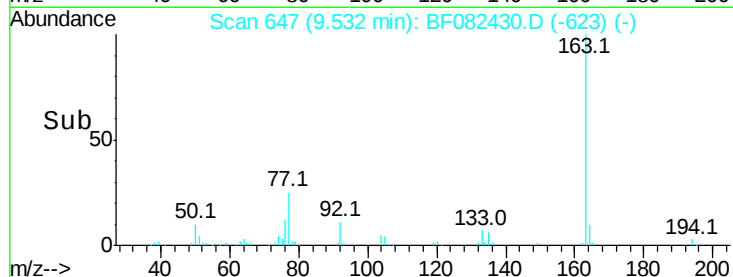
164 10.3 8.5 12.7



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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082430.D

Acq: 22 Oct 2015 4:37

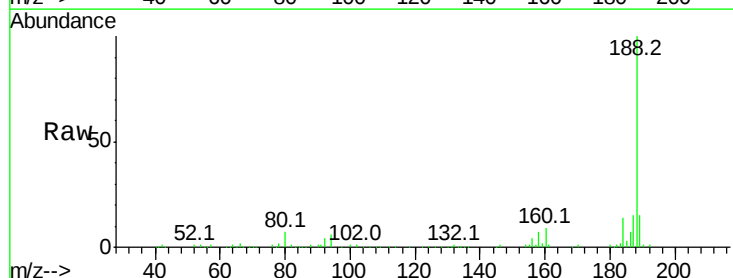
Tgt Ion:188 Resp: 209910

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.6

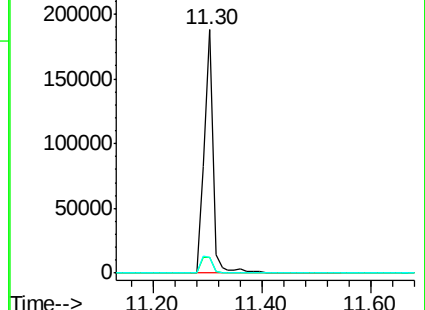
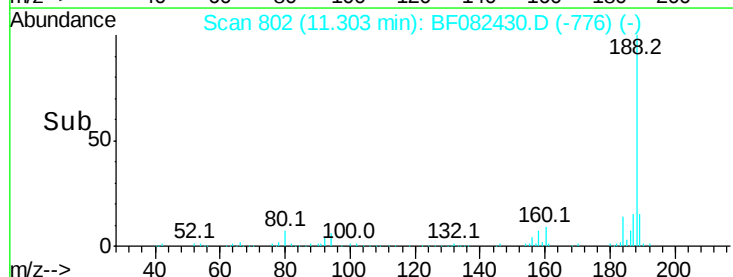
80 6.7 6.4 9.6

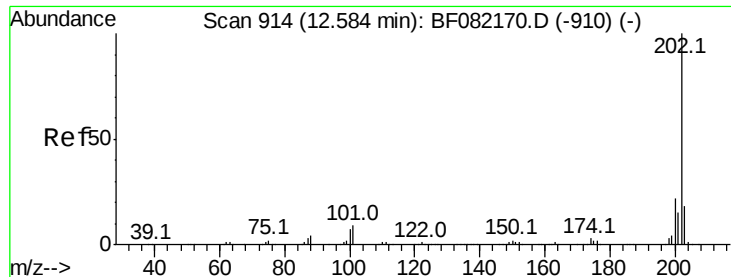


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

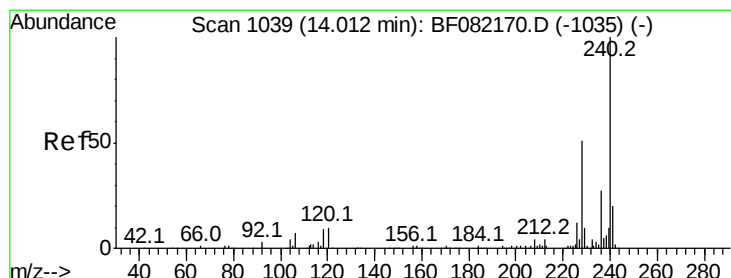
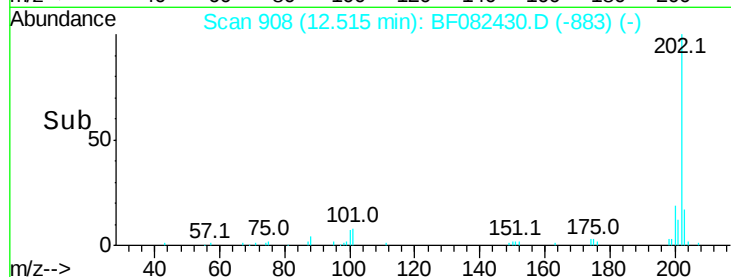
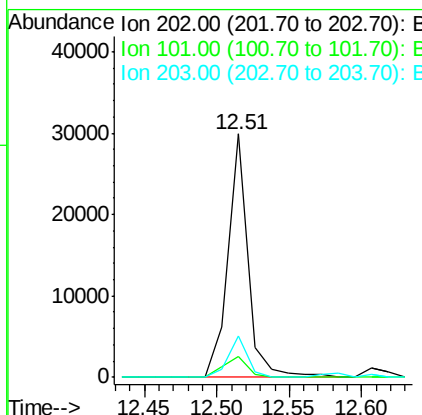
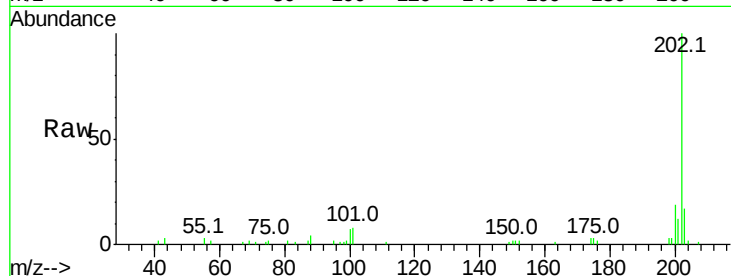




#74
 Fluoranthene
 Concen: 2.61 ng
 RT: 12.51 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

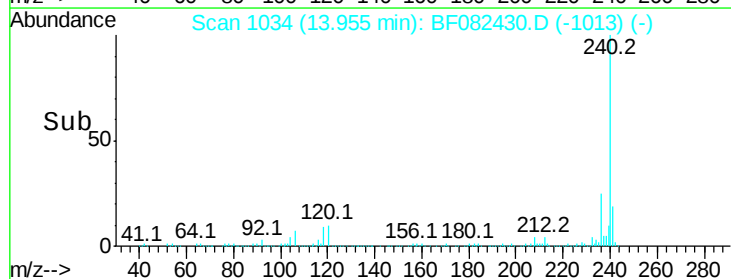
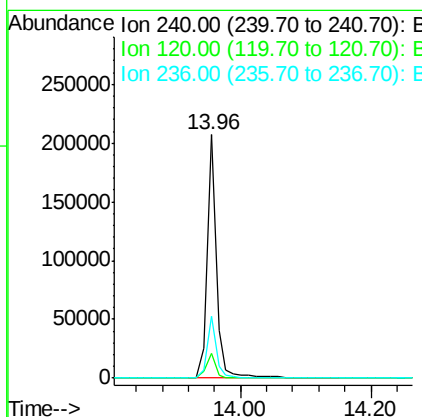
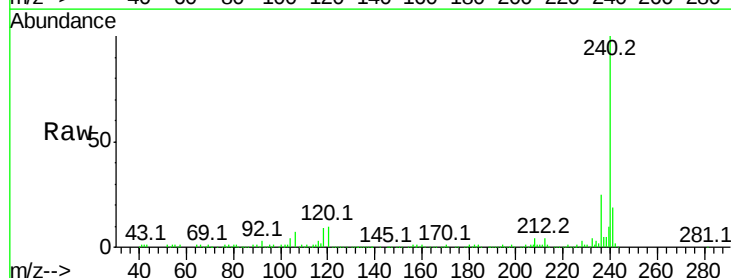
Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

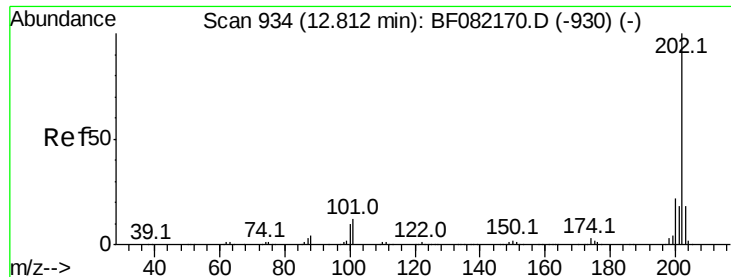
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	29.3
203	17.2	0.0	37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	25.4	21.3	31.9

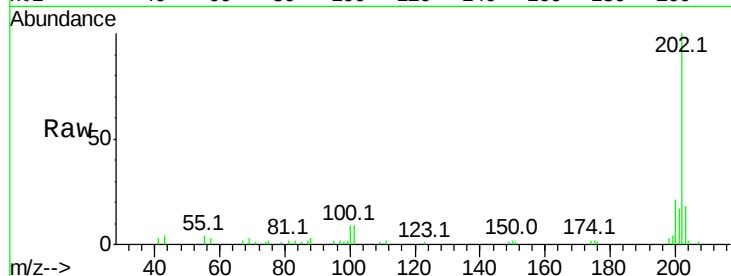




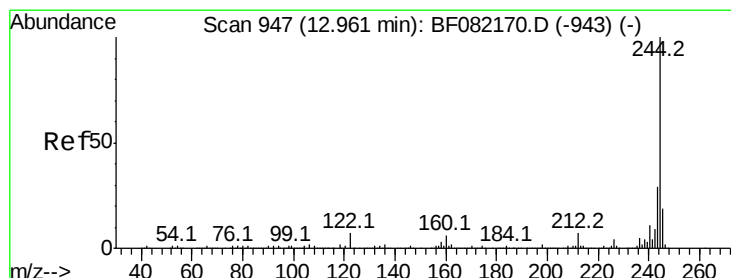
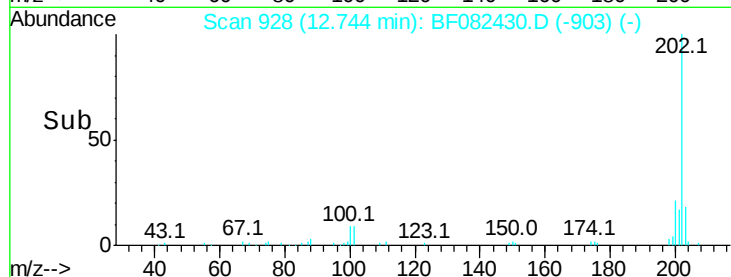
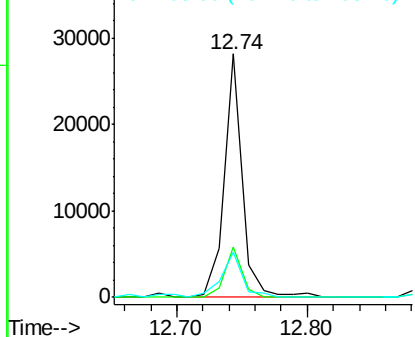
#77
Pvrene
Concen: 2.24 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Instrument :
BNA_F
ClientSampleId :
BT-01(0-2)

Tot Ion:202 Resp: 27389
Ion Ratio Lower Upper
202 100
200 20.8 17.9 26.9
203 18.3 14.5 21.7

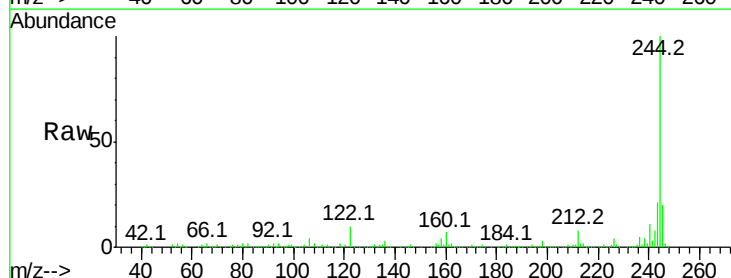


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

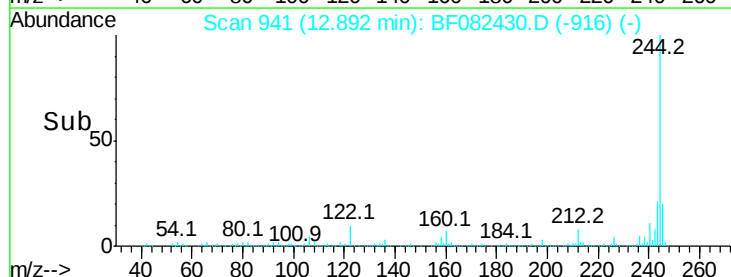
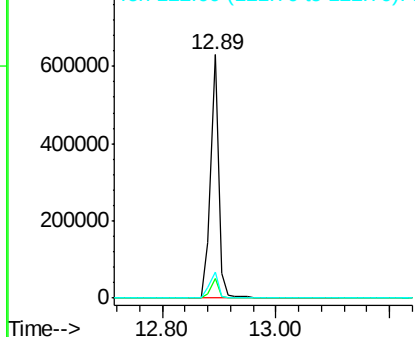


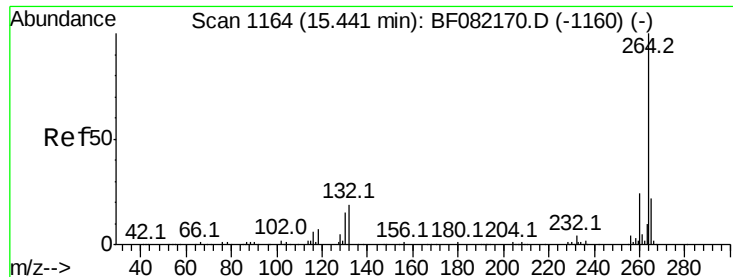
#78
Terphenyl-d14
Concen: 77.39 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082430.D
Acq: 22 Oct 2015 4:37

Tgt Ion:244 Resp: 600793
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 10.4 5.9 8.9#



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: 15.43 min Scan# 1163
 Delta R.T. -0.10 min
 Lab File: BF082430.D
 Acq: 22 Oct 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Tot Ion:	264	Resp:	198525
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.5	17.3	25.9

