

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079190.D
 Acq On : 13 May 2015 8:40
 Operator : TP/IZ
 Sample : G2194-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-21-9.0

Quant Time: May 13 13:33:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 13:12:37 2015
 Response via : Initial Calibration

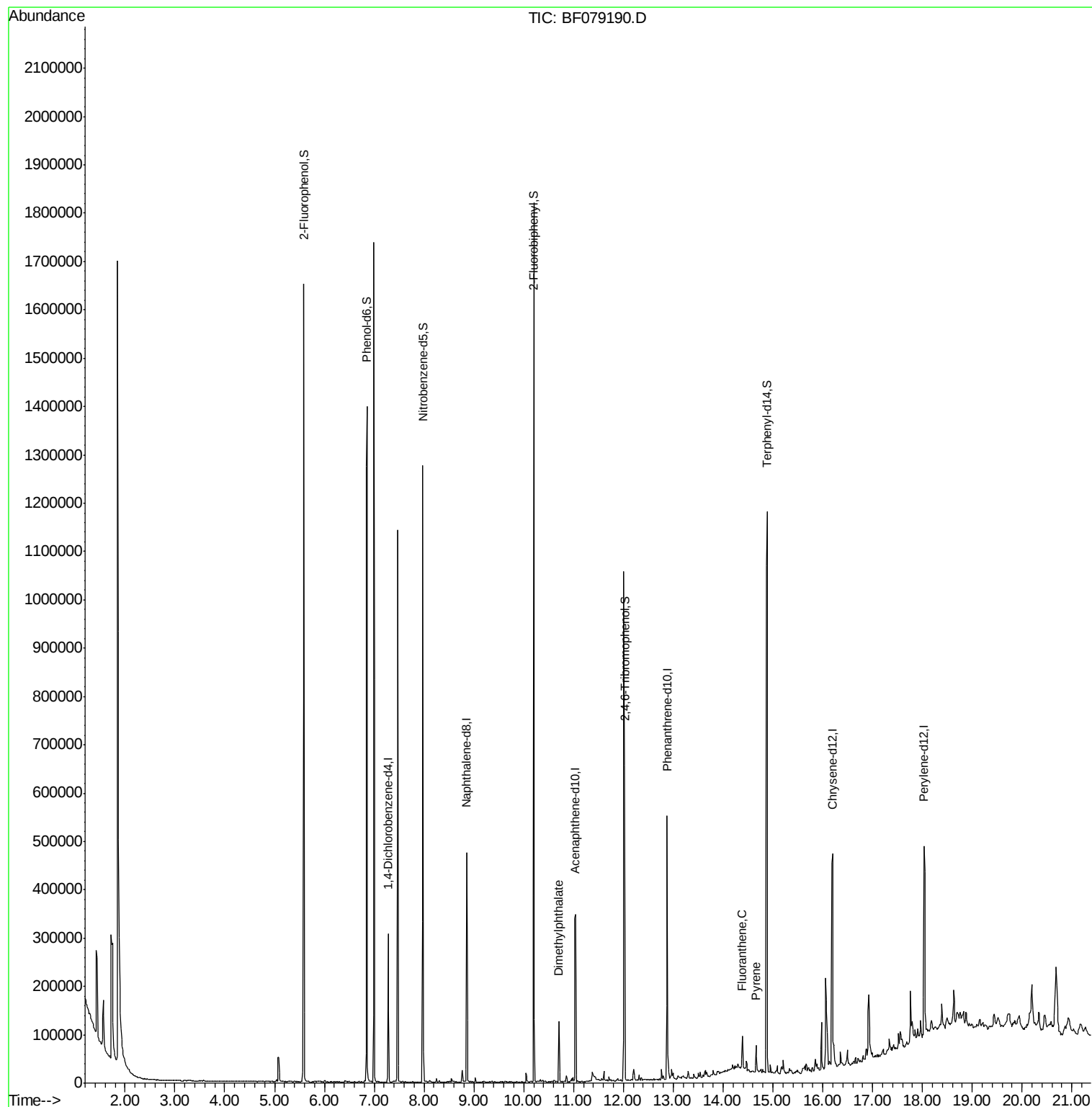
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	53247	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	216625	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	105723	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	206918	20.00	ng	0.00
75) Chrysene-d12	16.19	240	220834	20.00	ng	0.02
86) Perylene-d12	18.03	264	219807	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	538950	174.23	ng	0.00
7) Phenol-d6	6.86	99	731604	178.93	ng	0.01
23) Nitrobenzene-d5	7.98	82	401020	106.39	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	169204	147.94	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	549039	72.35	ng	0.00
78) Terphenyl-d14	14.88	244	554812	60.15	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.71	163	49488	6.38	ng	99
74) Fluoranthene	14.39	202	28812	2.39	ng	94
77) Pyrene	14.66	202	27797	2.18	ng	97

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079190.D
Acq On : 13 May 2015 8:40
Operator : TP/IZ
Sample : G2194-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU012-SB-21-9.0

Quant Time: May 13 13:33:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:12:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-21-9.0

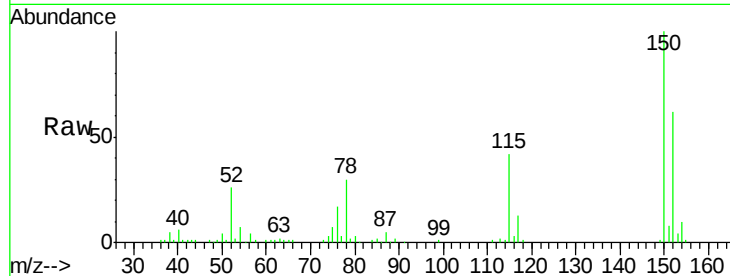
Tot Ion:152 Resp: 53247

Ion Ratio Lower Upper

152 100

150 160.3 122.0 183.0

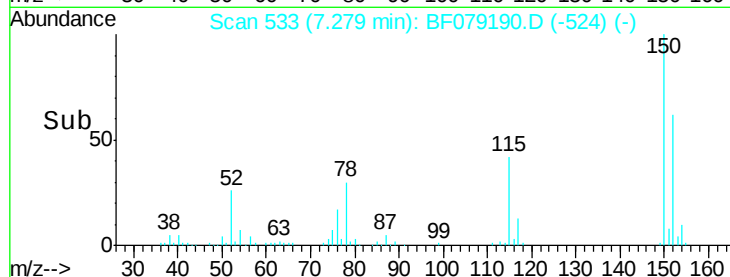
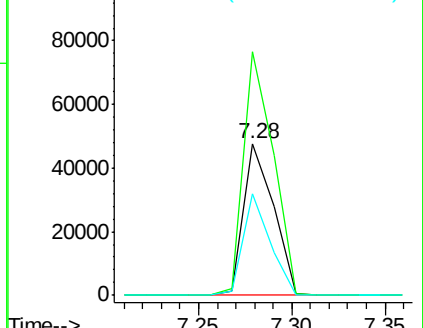
115 67.3 46.3 69.5



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: 174.23 ng

RT: 5.59 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

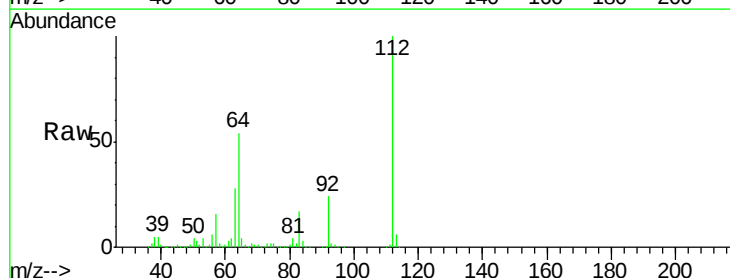
Tgt Ion:112 Resp: 538950

Ion Ratio Lower Upper

112 100

64 54.3 53.5 80.3

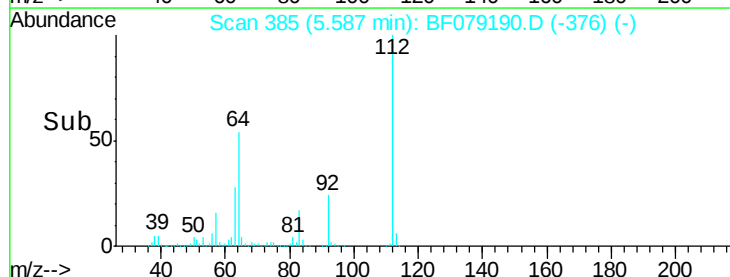
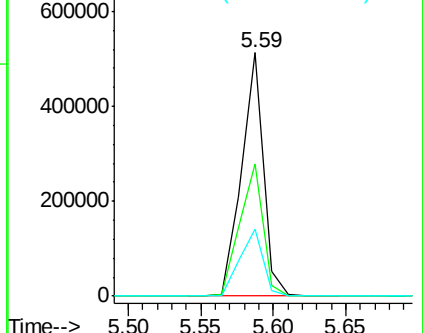
63 27.7 27.5 41.3

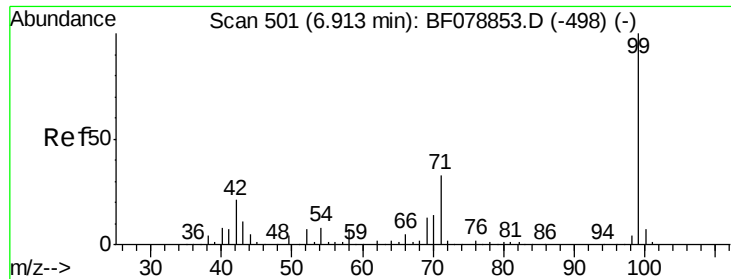


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 178.93 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-21-9.0

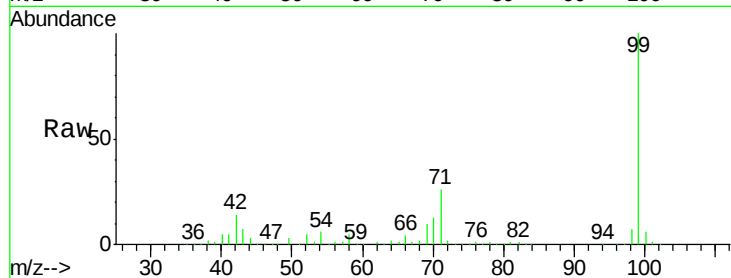
Tot Ion: 99 Resp: 731604

Ion Ratio Lower Upper

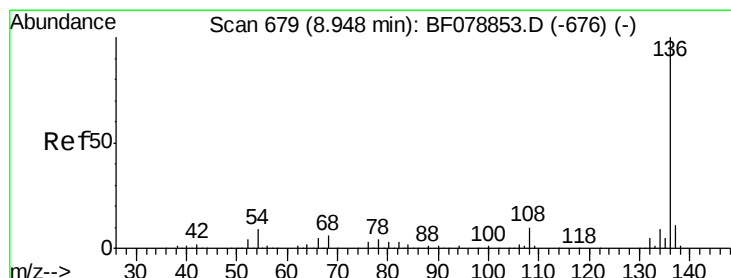
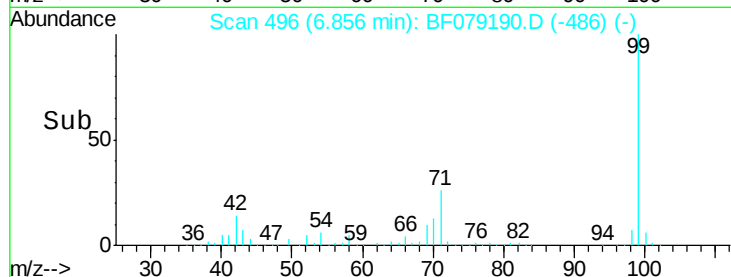
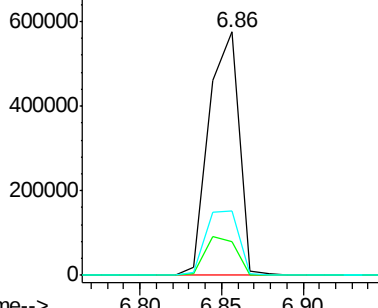
99 100

42 13.8 12.8 19.2

71 26.3 23.4 35.2



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: 20.00 ng

RT: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

Tgt Ion: 136 Resp: 216625

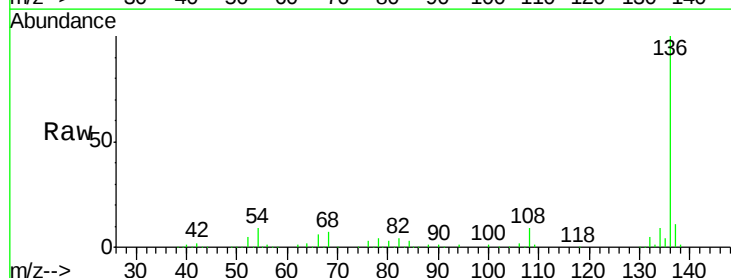
Ion Ratio Lower Upper

136 100

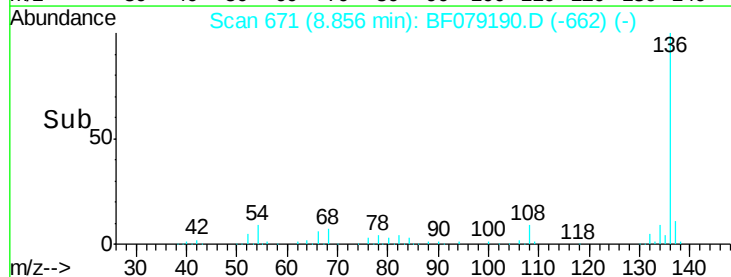
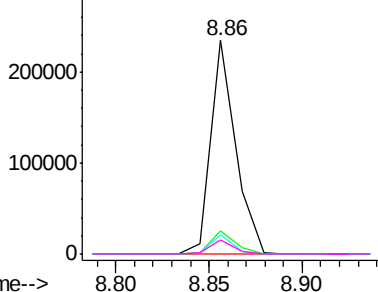
137 11.0 8.7 13.1

54 9.1 5.8 8.8#

68 6.7 4.2 6.4#



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

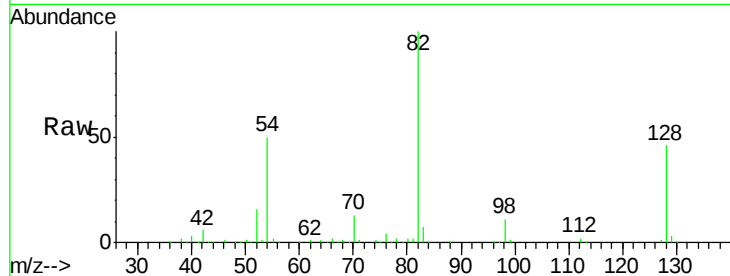




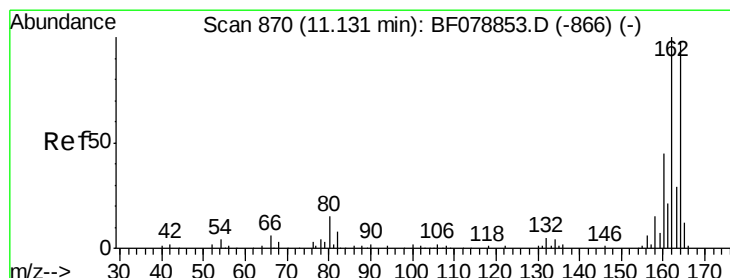
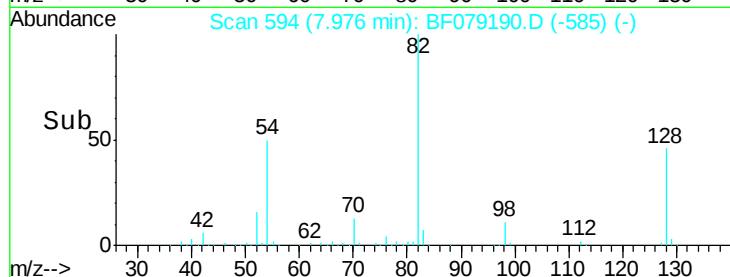
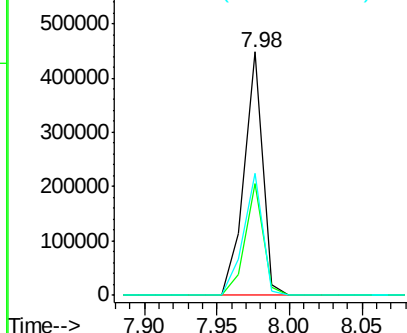
#23
 Nitrobenzene-d5
 Concen: 106.39 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-21-9.0

Tot Ion: 82 Resp: 401020
 Ion Ratio Lower Upper
 82 100
 128 45.9 30.0 45.0#
 54 50.0 46.4 69.6

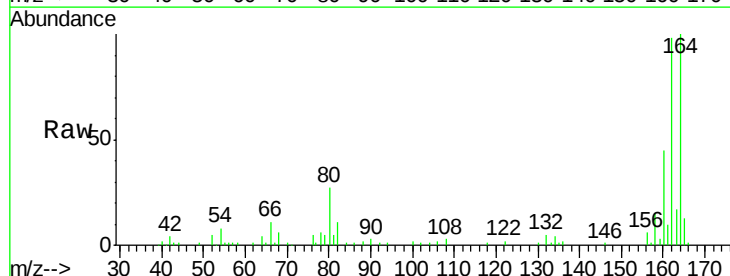


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

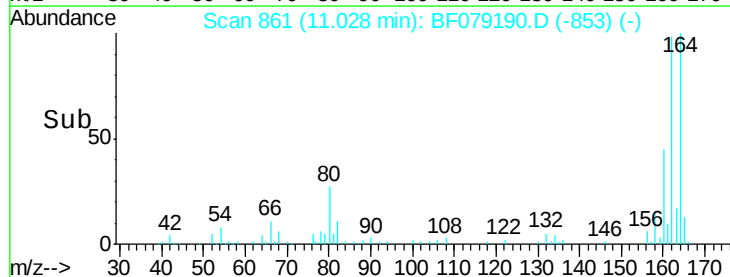
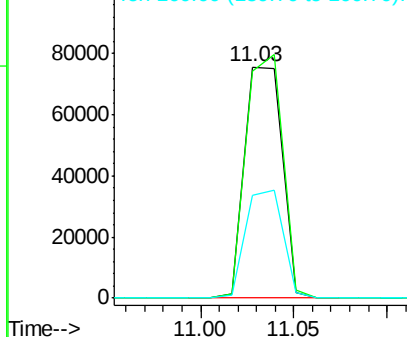


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Tgt Ion:164 Resp: 105723
 Ion Ratio Lower Upper
 164 100
 162 98.4 82.7 124.1
 160 44.6 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

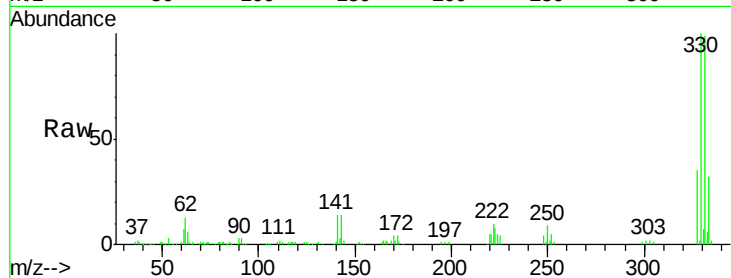




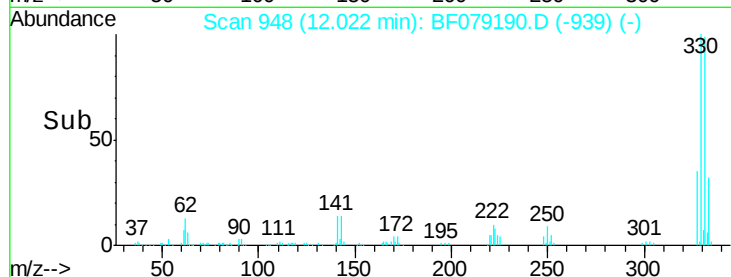
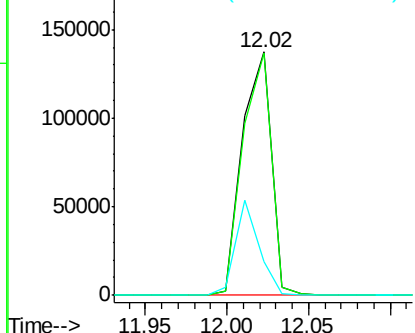
#41
 2,4,6-Tribromophenol
 Concen: 147.94 ng
 RT: 12.02 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-21-9.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	31.8	0.0	0.0#

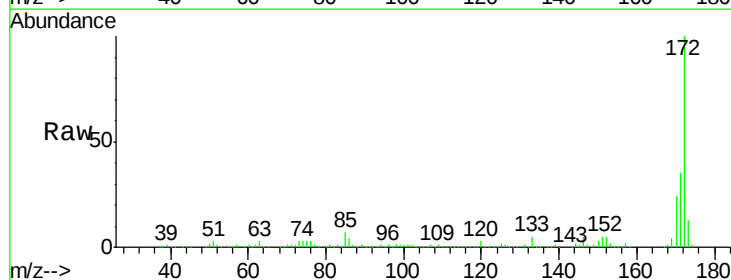


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

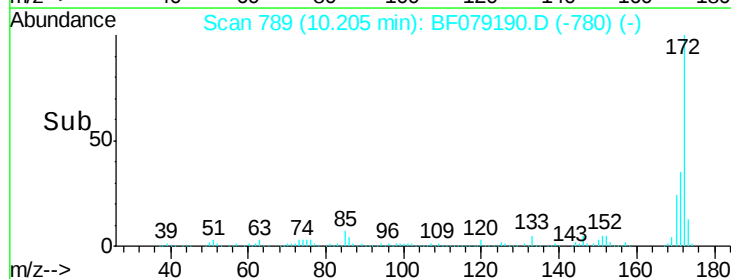
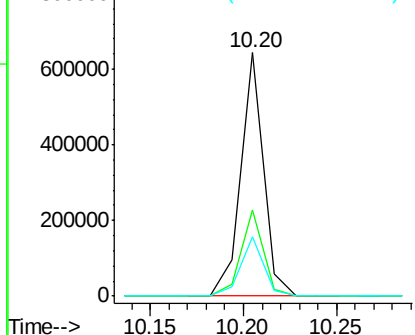


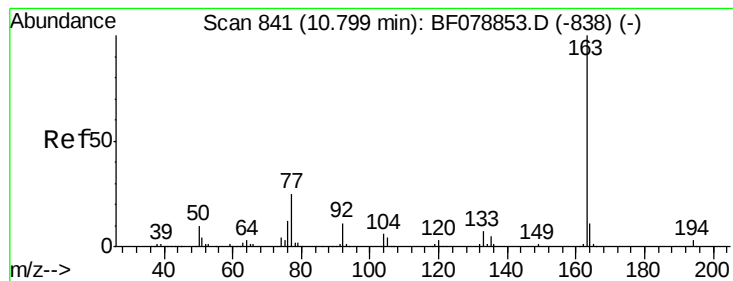
#44
 2-Fluorobiphenyl
 Concen: 72.35 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.3	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: 6.38 ng

RT: 10.71 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-21-9.0

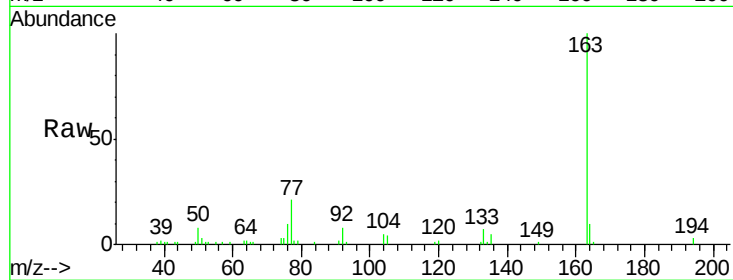
Tot Ion:163 Resp: 49488

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

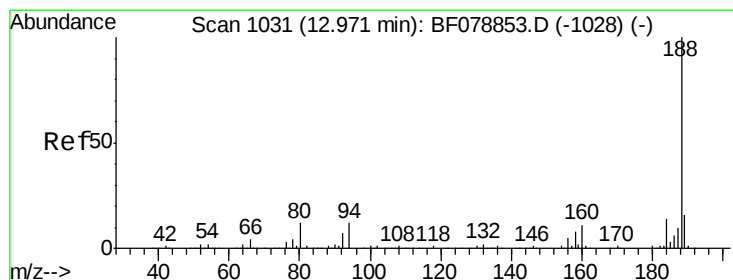
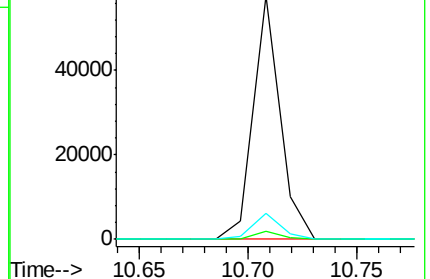
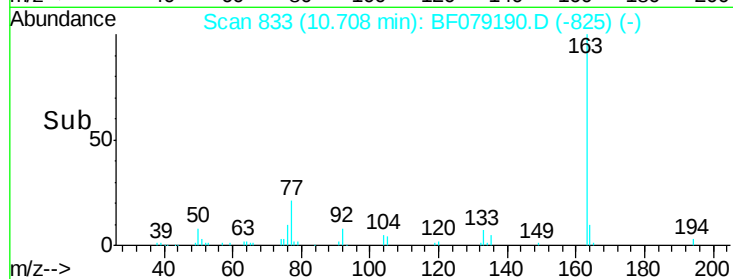
164 10.5 8.1 12.1



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: 12.88 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

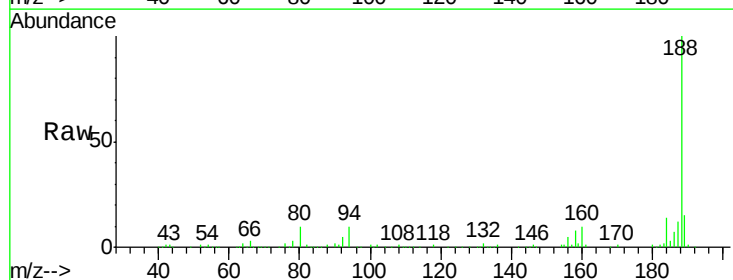
Tgt Ion:188 Resp: 206918

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

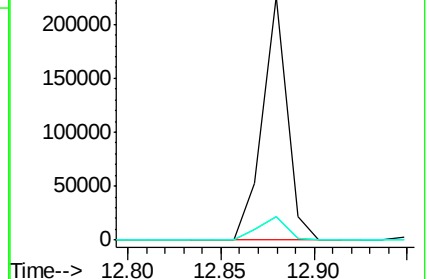
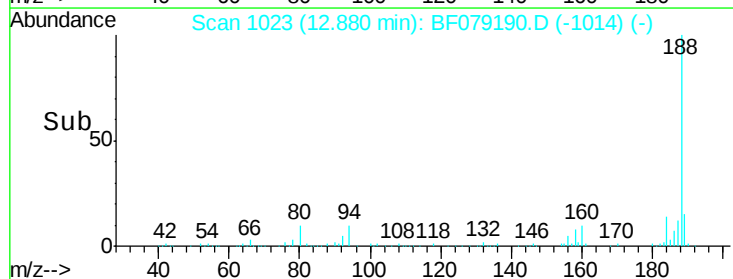
80 9.6 8.9 13.3

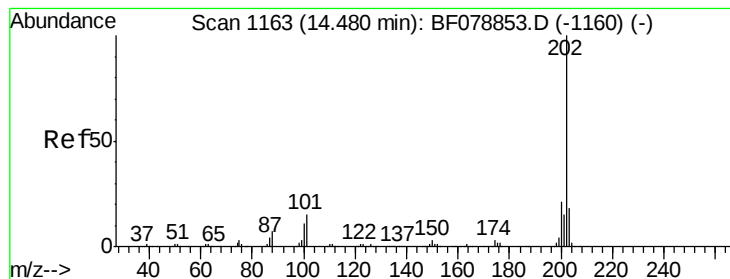


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.39 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

Instrument :

BNA_F

ClientSampleId :

TU012-SB-21-9.0

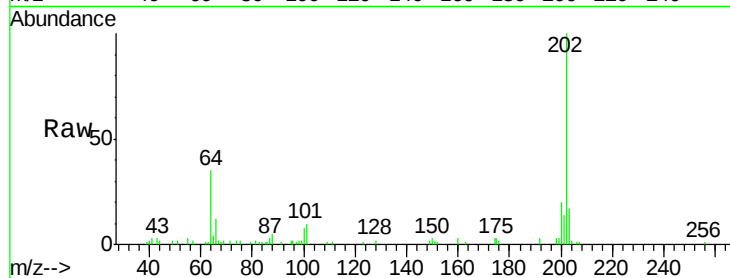
Tot Ion:202 Resp: 28812

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.6

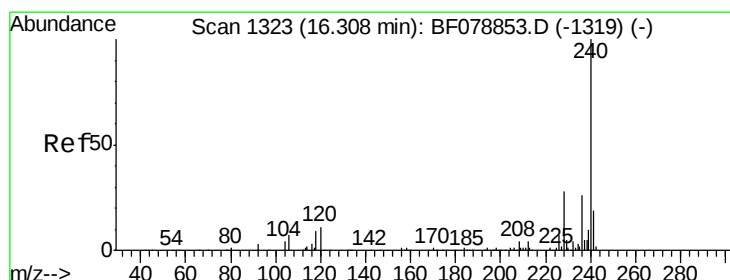
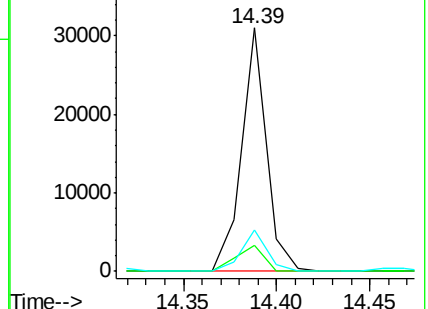
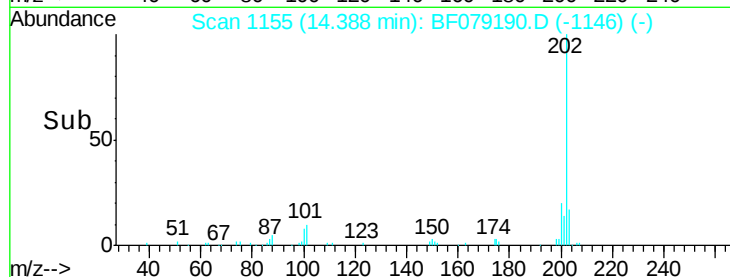
203 16.9 0.0 38.4



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: 16.19 min Scan# 1313

Delta R.T. 0.02 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

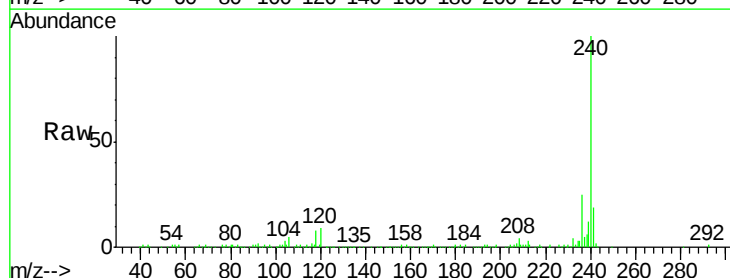
Tgt Ion:240 Resp: 220834

Ion Ratio Lower Upper

240 100

120 8.8 9.7 14.5#

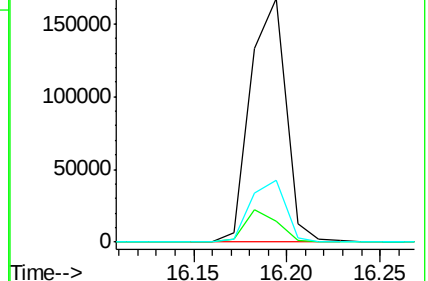
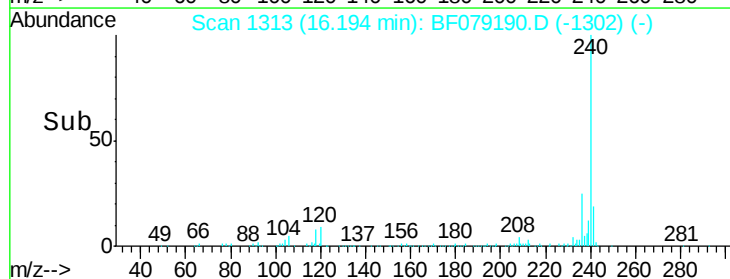
236 25.5 20.2 30.4

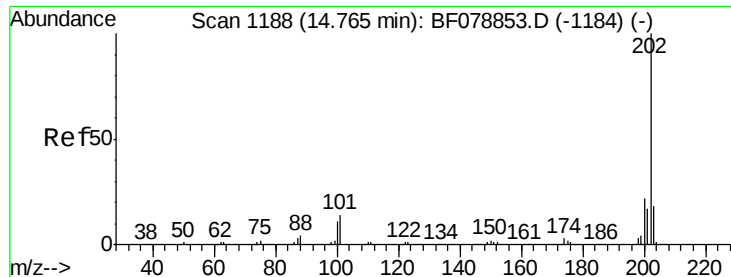


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

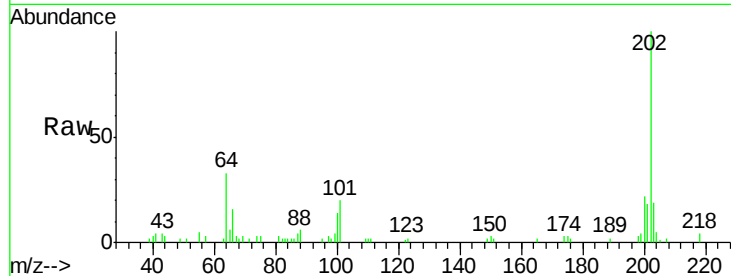




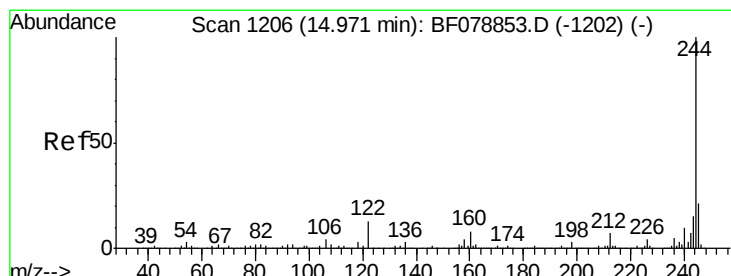
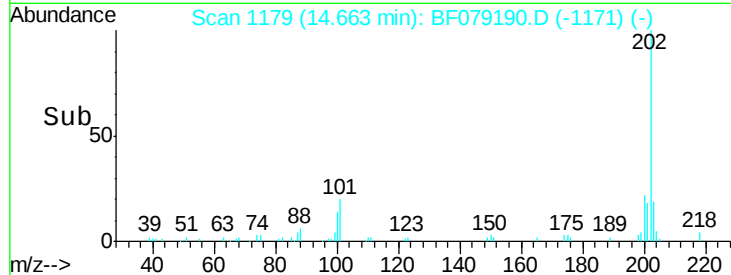
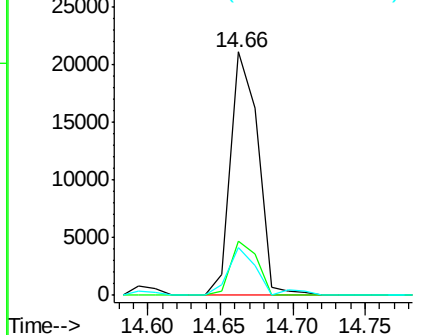
#77
 Pvrene
 Concen: 2.18 ng
 RT: 14.66 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-21-9.0

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.5	26.3
203	19.5	13.9	20.9

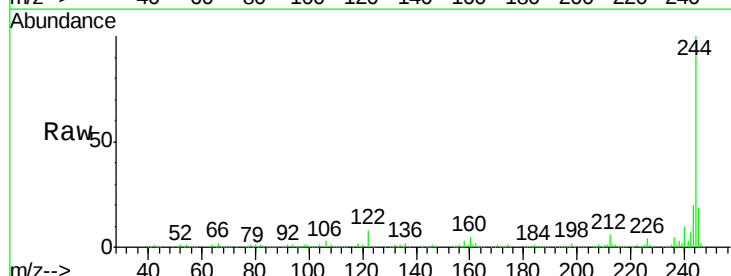


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

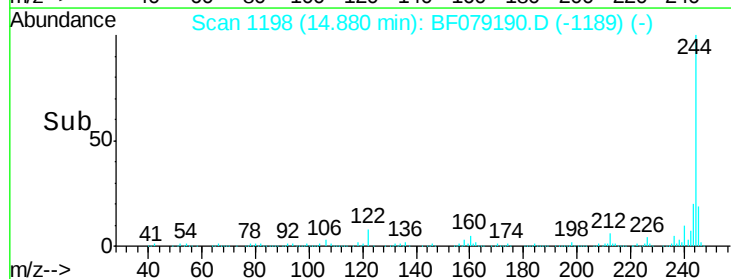
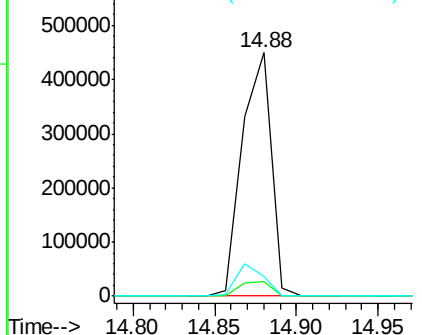


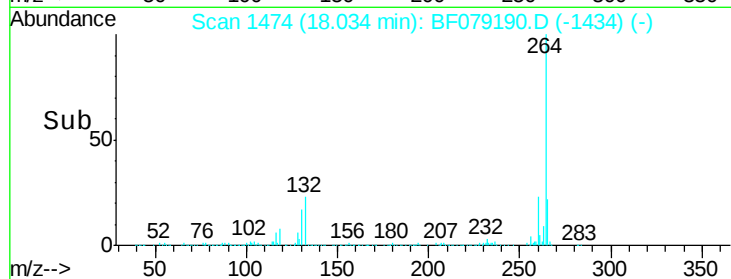
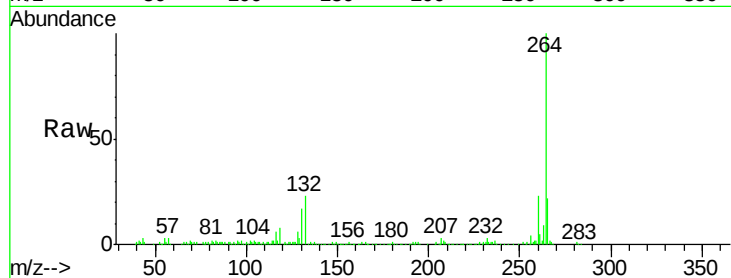
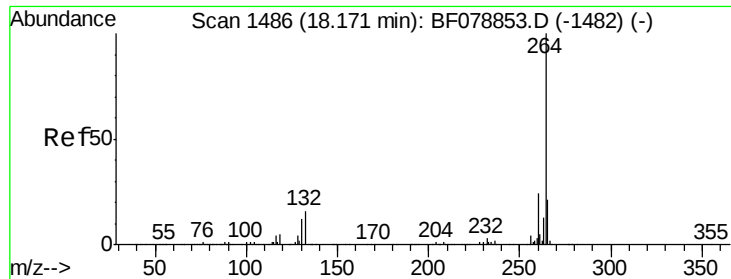
#78
 Terphenyl-d14
 Concen: 60.15 ng
 RT: 14.88 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.6	8.4
122	8.2	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
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.03 min Scan# 1474
 Delta R.T. 0.16 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-21-9.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.9	18.3	27.5

