

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085653.D
 Acq On : 22 Mar 2016 8:02
 Operator : UM/SJ
 Sample : H1834-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7GW

Quant Time: Mar 22 11:05:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

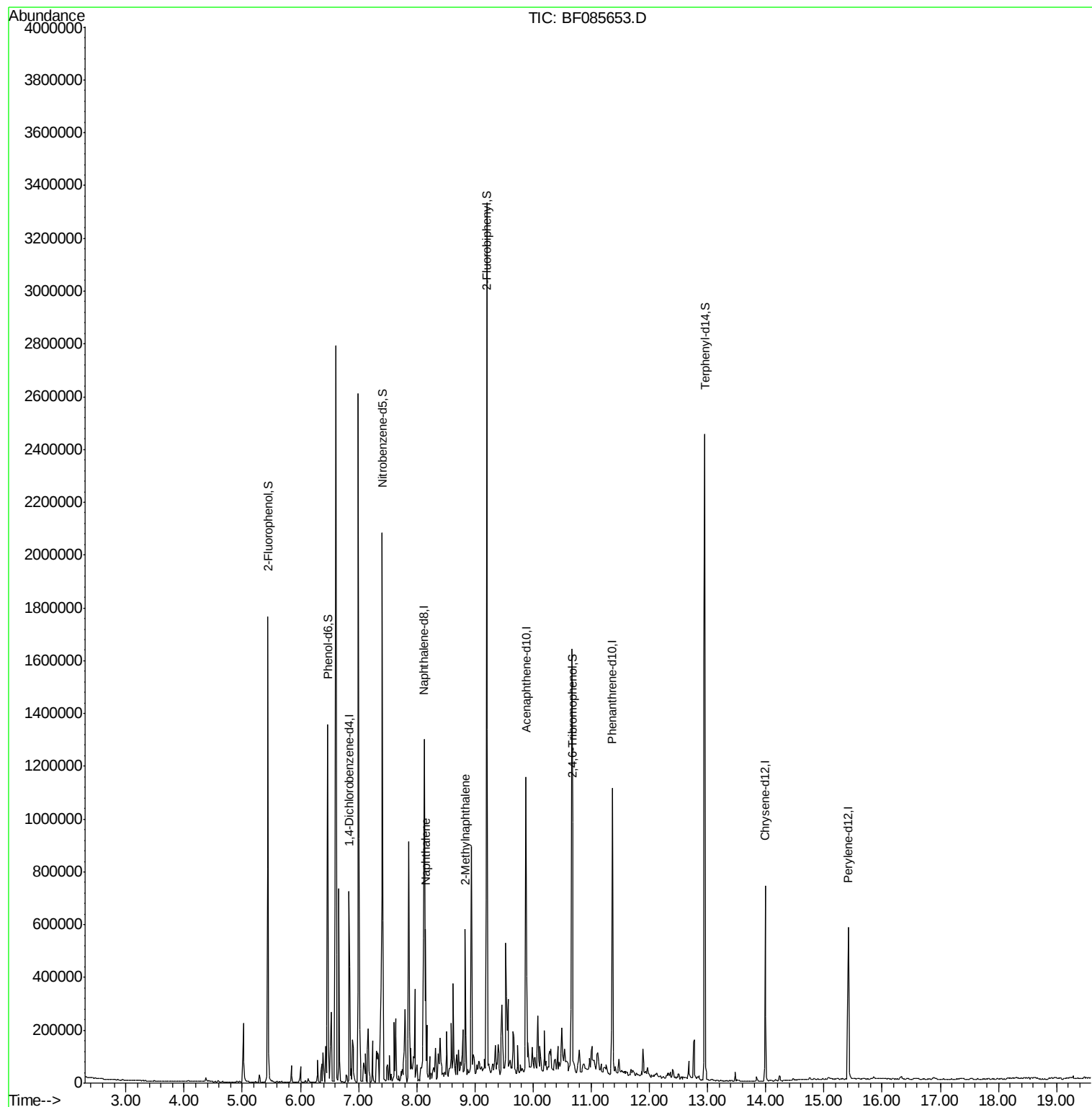
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135427	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	557774	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	220630	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	359571	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	257986	20.00	ng	-0.02
86) Perylene-d12	15.42	264	260135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	578731	71.78	ng	-0.01
7) Phenol-d6	6.47	99	459550	44.44	ng	-0.02
23) Nitrobenzene-d5	7.41	82	755726	78.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	268480	124.23	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1264356	103.28	ng	-0.02
78) Terphenyl-d14	12.95	244	958652	89.42	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.15	128	205685	7.31	ng	98
37) 2-Methylnaphthalene	8.84	142	153311	8.93	ng	97

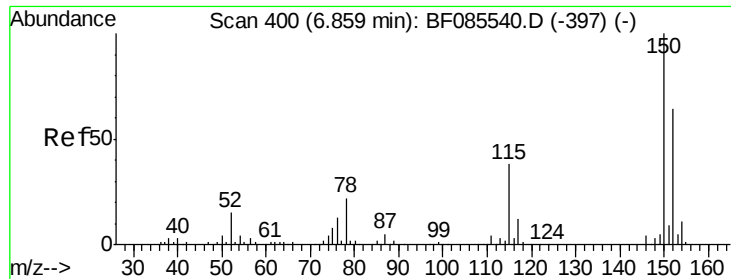
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085653.D

Acq: 22 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

7GW

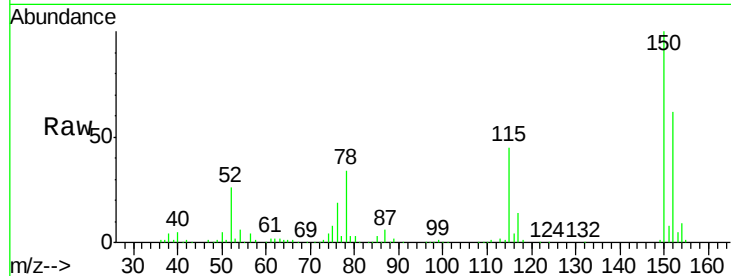
Tgt Ion:152 Resp: 135427

Ion Ratio Lower Upper

152 100

150 162.1 124.2 186.2

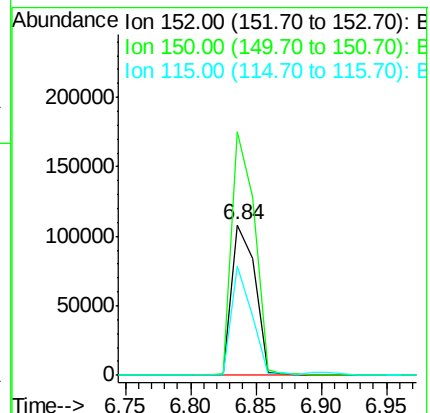
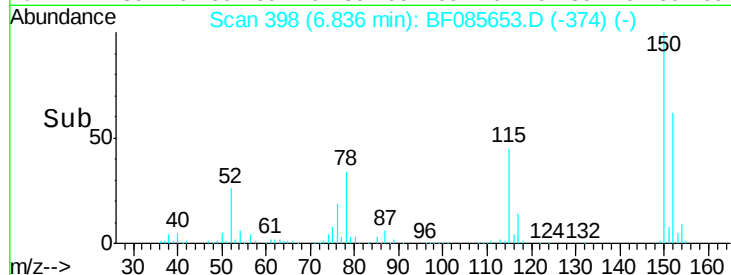
115 73.0 47.0 70.6#



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: 71.78 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085653.D

Acq: 22 Mar 2016 8:02

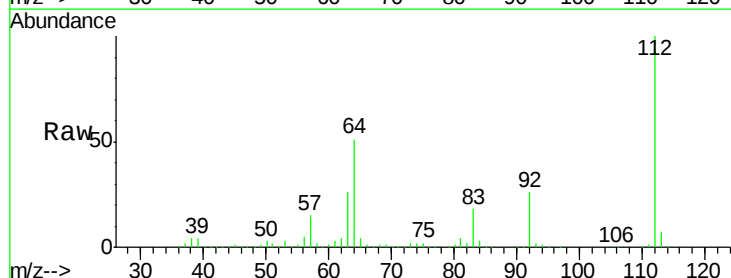
Tgt Ion:112 Resp: 578731

Ion Ratio Lower Upper

112 100

64 51.0 39.9 59.9

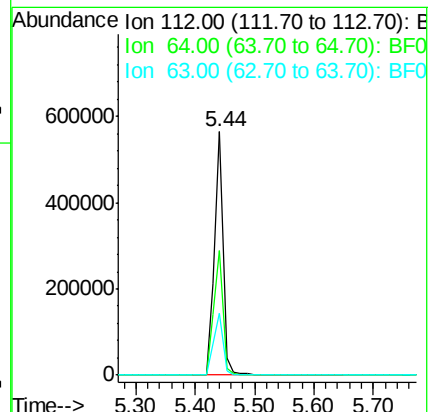
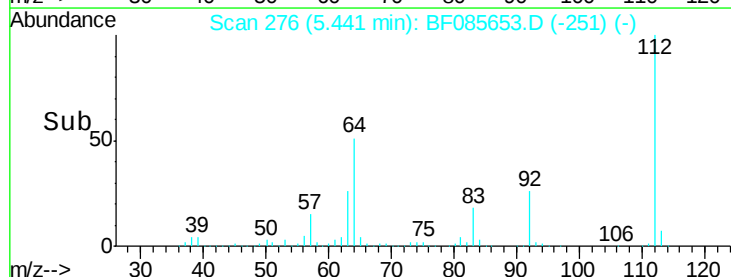
63 25.7 20.2 30.2

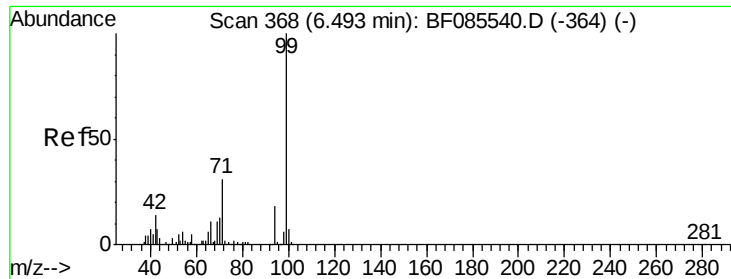


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.44 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085653.D

Acq: 22 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

7GW

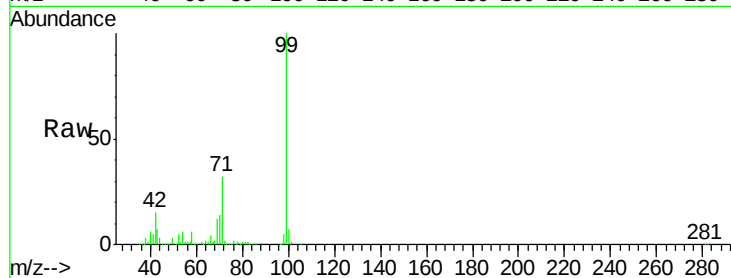
Tgt Ion: 99 Resp: 459550

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

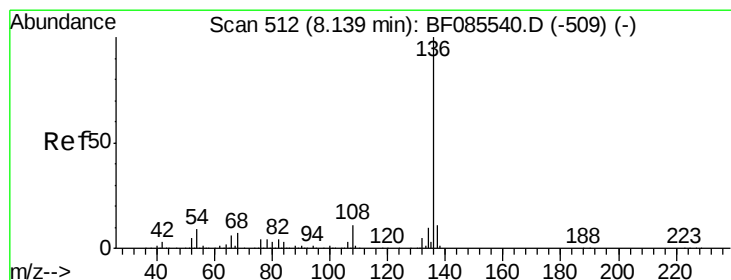
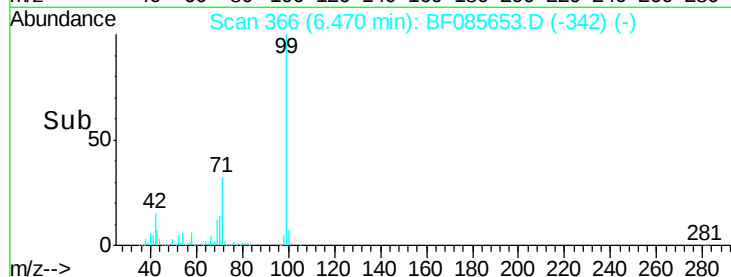
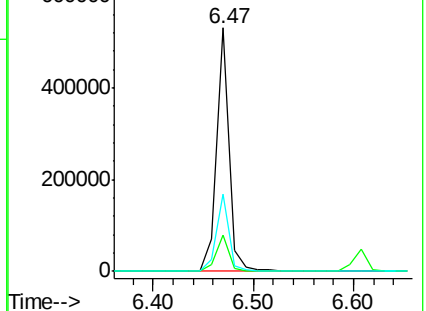
71 31.7 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085653.D

Acq: 22 Mar 2016 8:02

Tgt Ion: 136 Resp: 557774

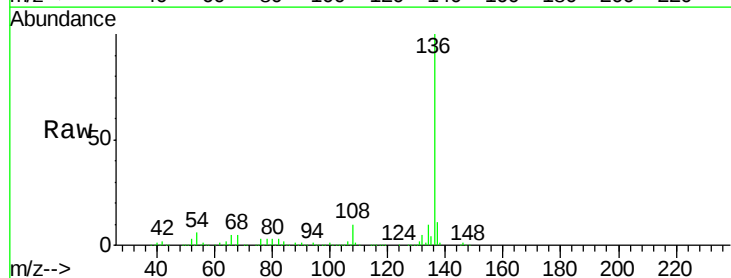
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.3 7.4 11.0#

68 5.5 5.8 8.8#

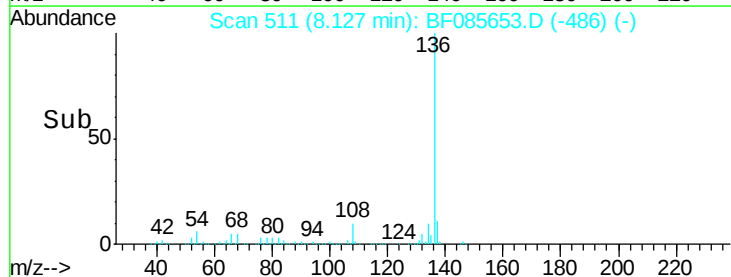
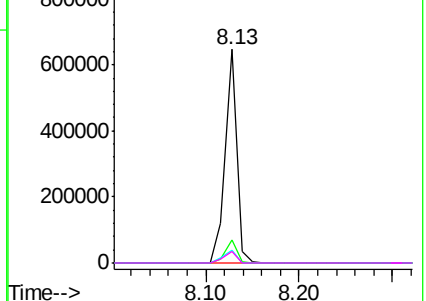


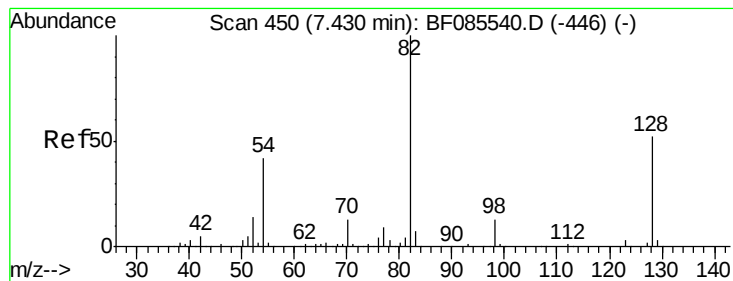
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 78.65 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085653.D

Acq: 22 Mar 2016 8:02

Instrument :

BNA_F

ClientSampled :

7GW

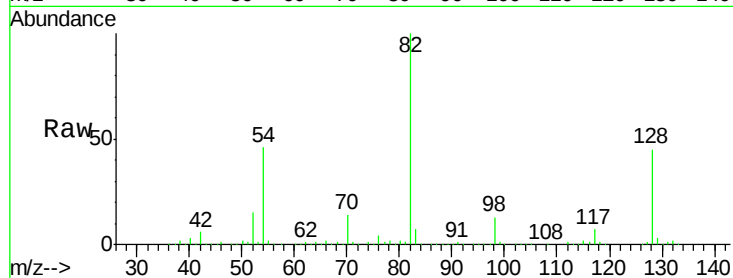
Tgt Ion: 82 Resp: 755726

Ion Ratio Lower Upper

82 100

128 45.2 41.8 62.8

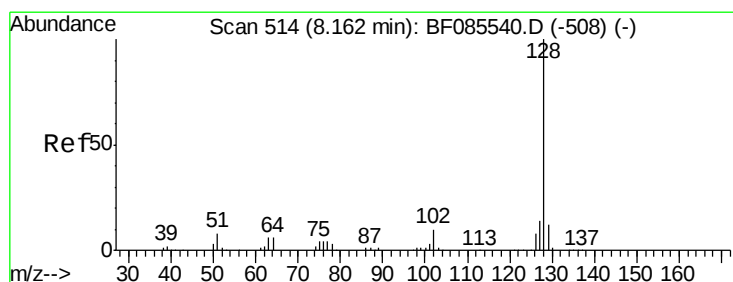
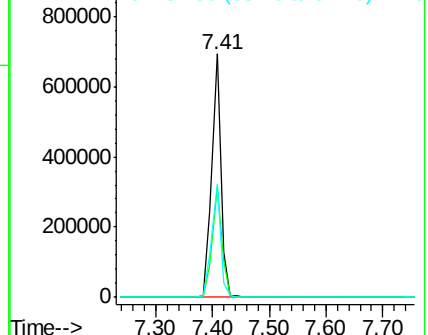
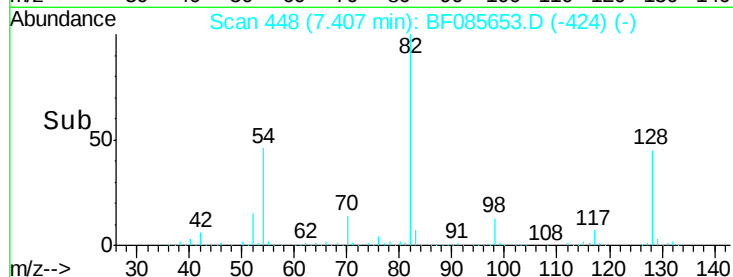
54 46.3 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 7.31 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF085653.D

Acq: 22 Mar 2016 8:02

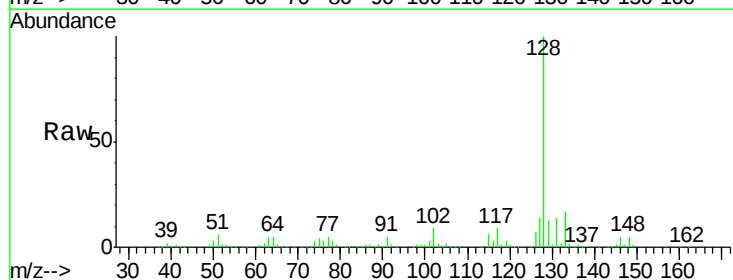
Tgt Ion: 128 Resp: 205685

Ion Ratio Lower Upper

128 100

129 12.9 9.4 14.0

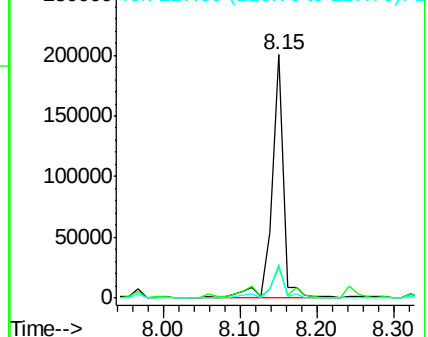
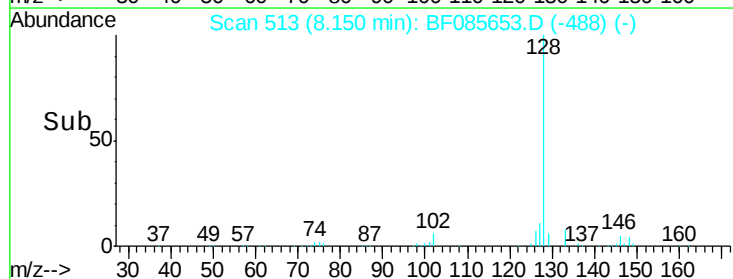
127 13.7 11.0 16.6

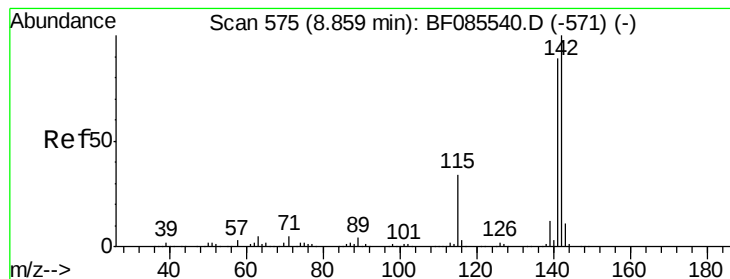


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

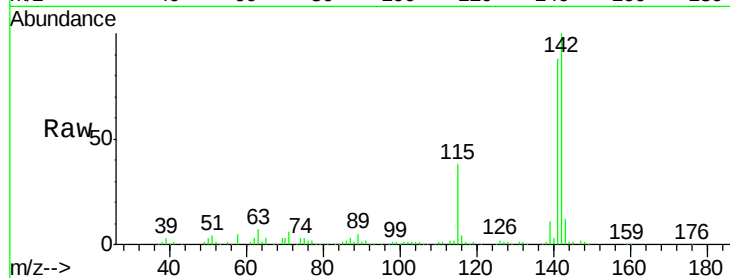




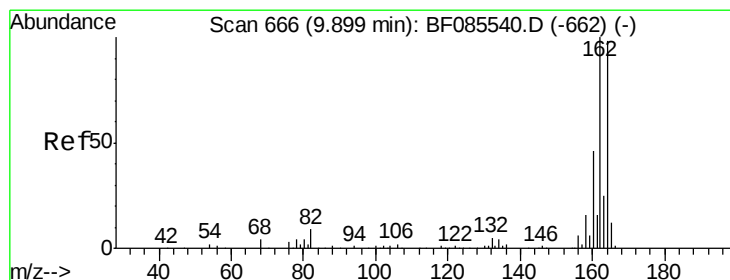
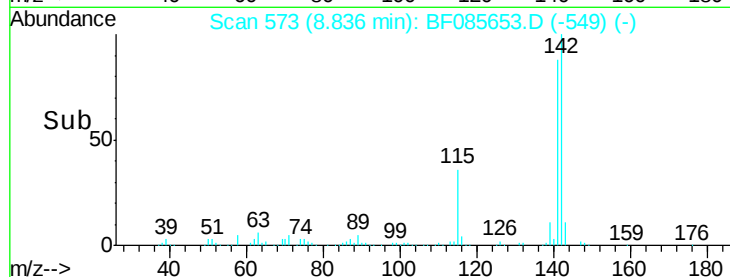
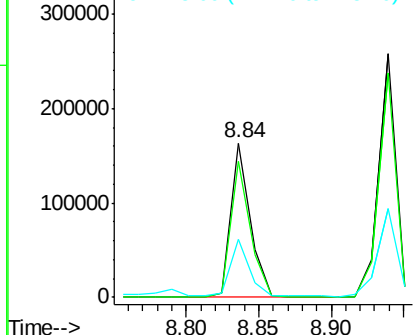
#37
 2-Methylnaphthalene
 Concen: 8.93 ng
 RT: 8.84 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF085653.D
 Acq: 22 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 7GW

Tgt Ion:142 Resp: 153311
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.6 107.4
 115 37.6 26.8 40.2

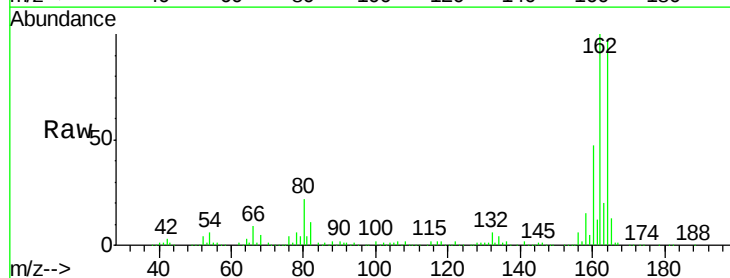


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

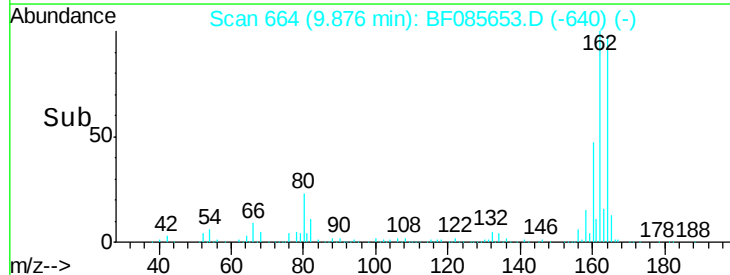
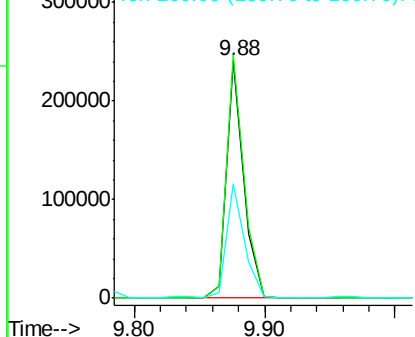


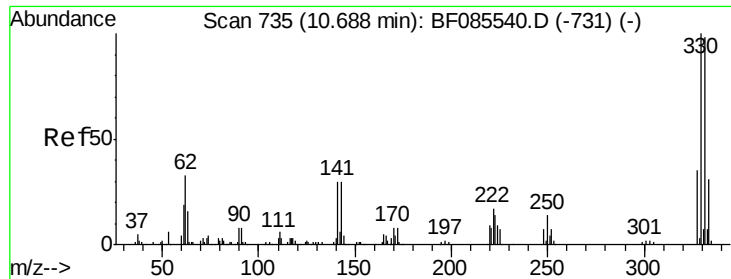
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085653.D
 Acq: 22 Mar 2016 8:02

Tgt Ion:164 Resp: 220630
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.1 123.1
 160 48.3 37.4 56.2



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

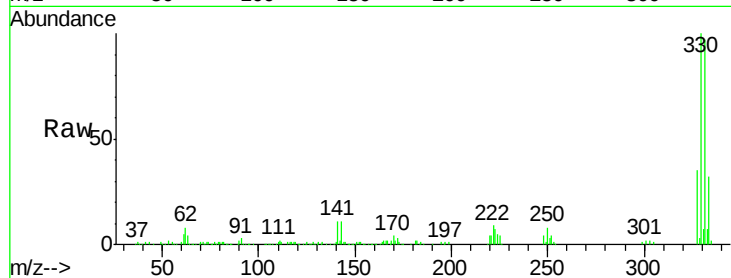




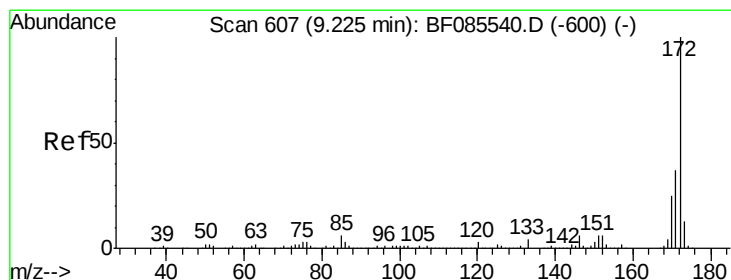
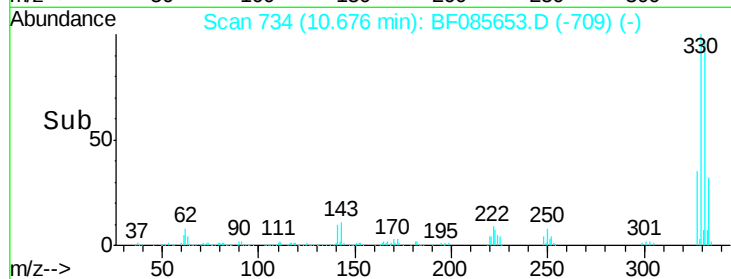
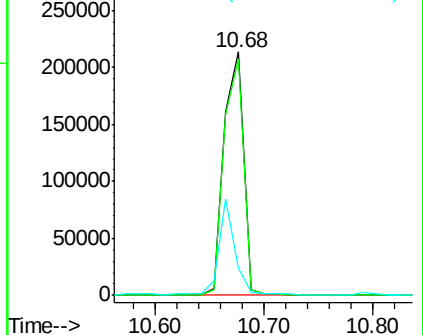
#41
 2,4,6-Tribromophenol
 Concen: 124.23 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085653.D
 Acq: 22 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 7GW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	31.8	31.5	47.3

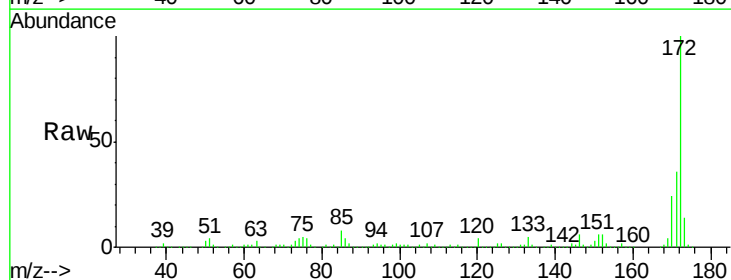


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

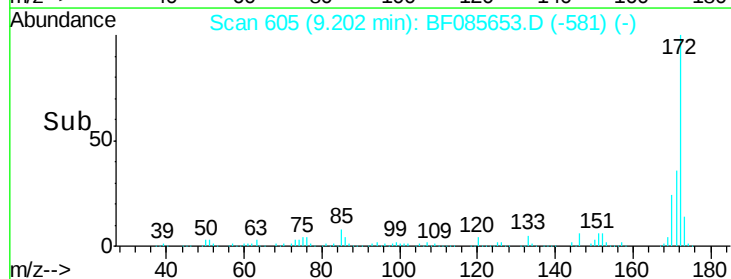
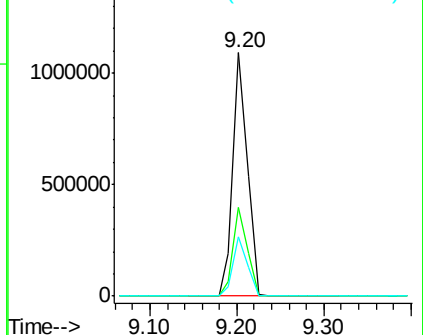


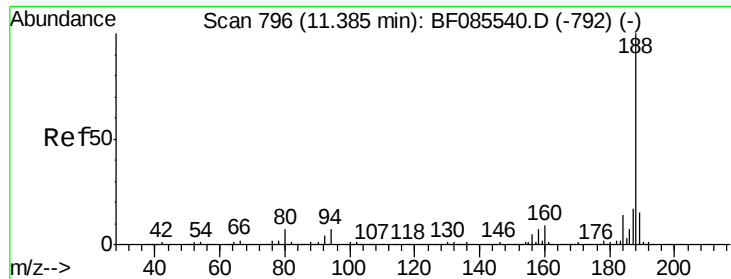
#44
 2-Fluorobiphenyl
 Concen: 103.28 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085653.D
 Acq: 22 Mar 2016 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.4	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

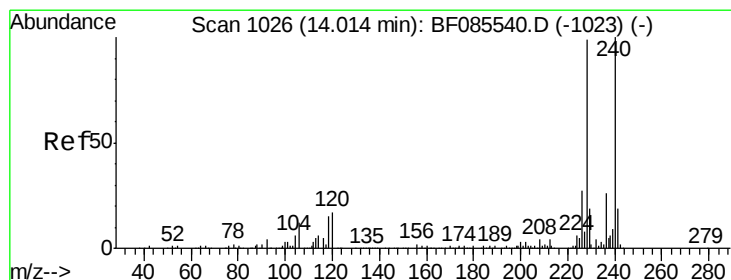
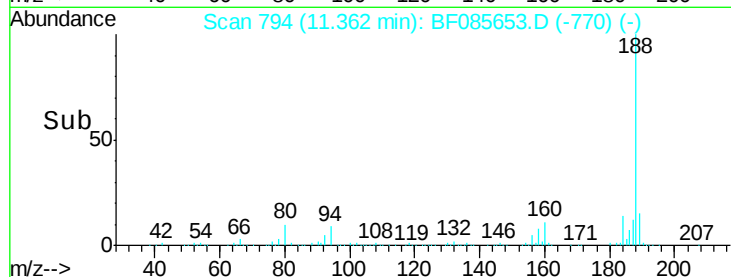
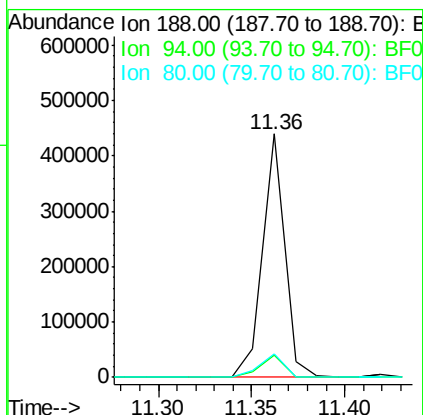
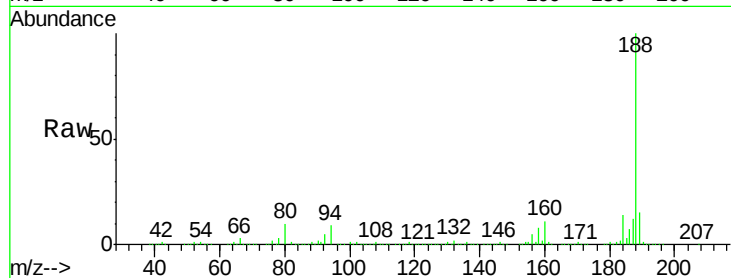




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

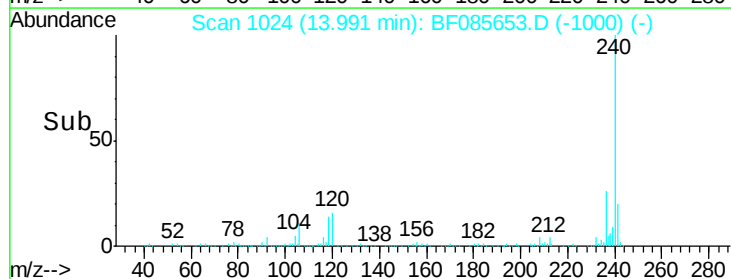
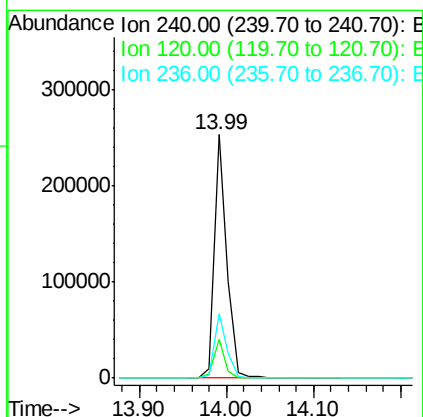
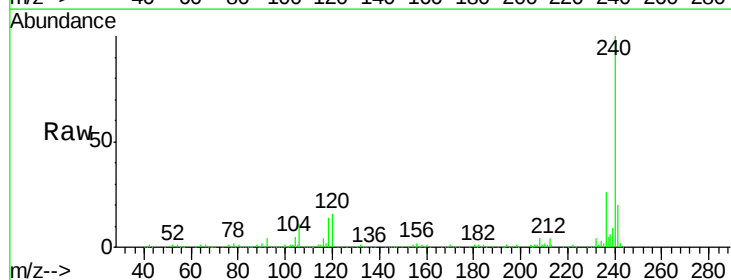
Instrument :
BNA_F
ClientSampleId :
7GW

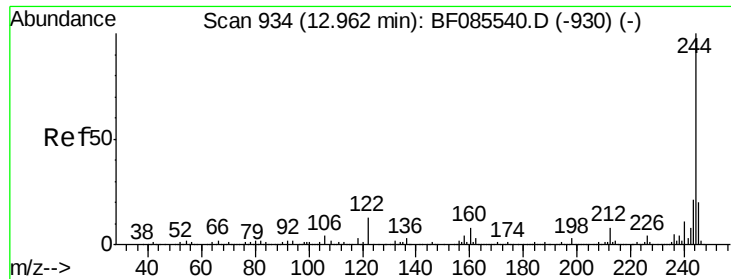
Tgt Ion:188 Resp: 359571
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 9.7 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085653.D
Acq: 22 Mar 2016 8:02

Tgt Ion:240 Resp: 257986
Ion Ratio Lower Upper
240 100
120 15.9 13.8 20.8
236 26.4 20.6 30.8

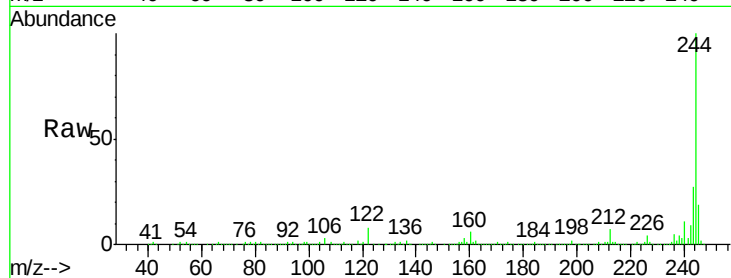




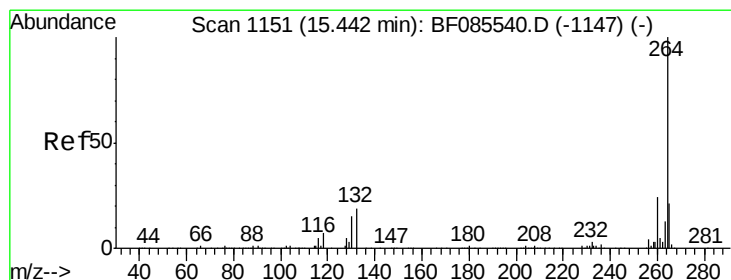
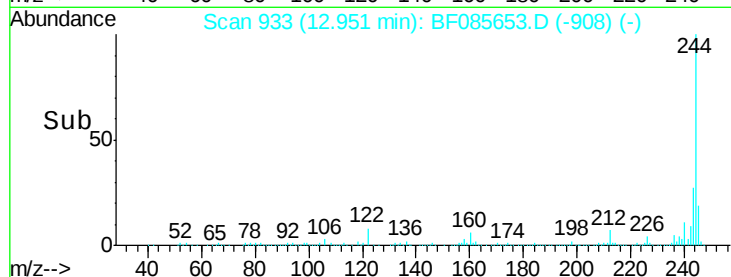
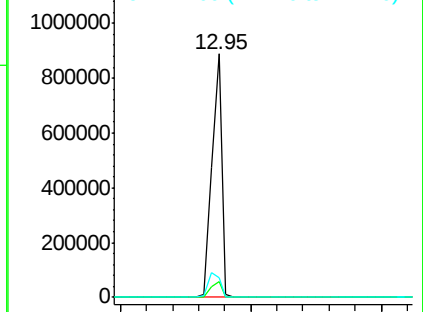
#78
 Terphenyl-d14
 Concen: 89.42 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085653.D
 Acq: 22 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 7GW

Tgt Ion: 244 Resp: 958652
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 8.3 10.2 15.4#

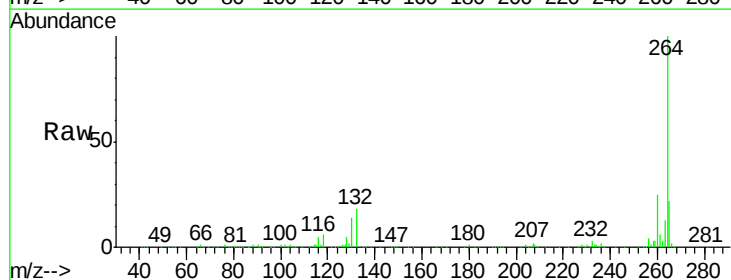


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085653.D
 Acq: 22 Mar 2016 8:02

Tgt Ion: 264 Resp: 260135
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.7 17.2 25.8



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

