

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081645.D
 Acq On : 16 Sep 2015 12:30
 Operator : UM/IZ
 Sample : PB85485BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85485BL

Quant Time: Sep 17 02:16:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

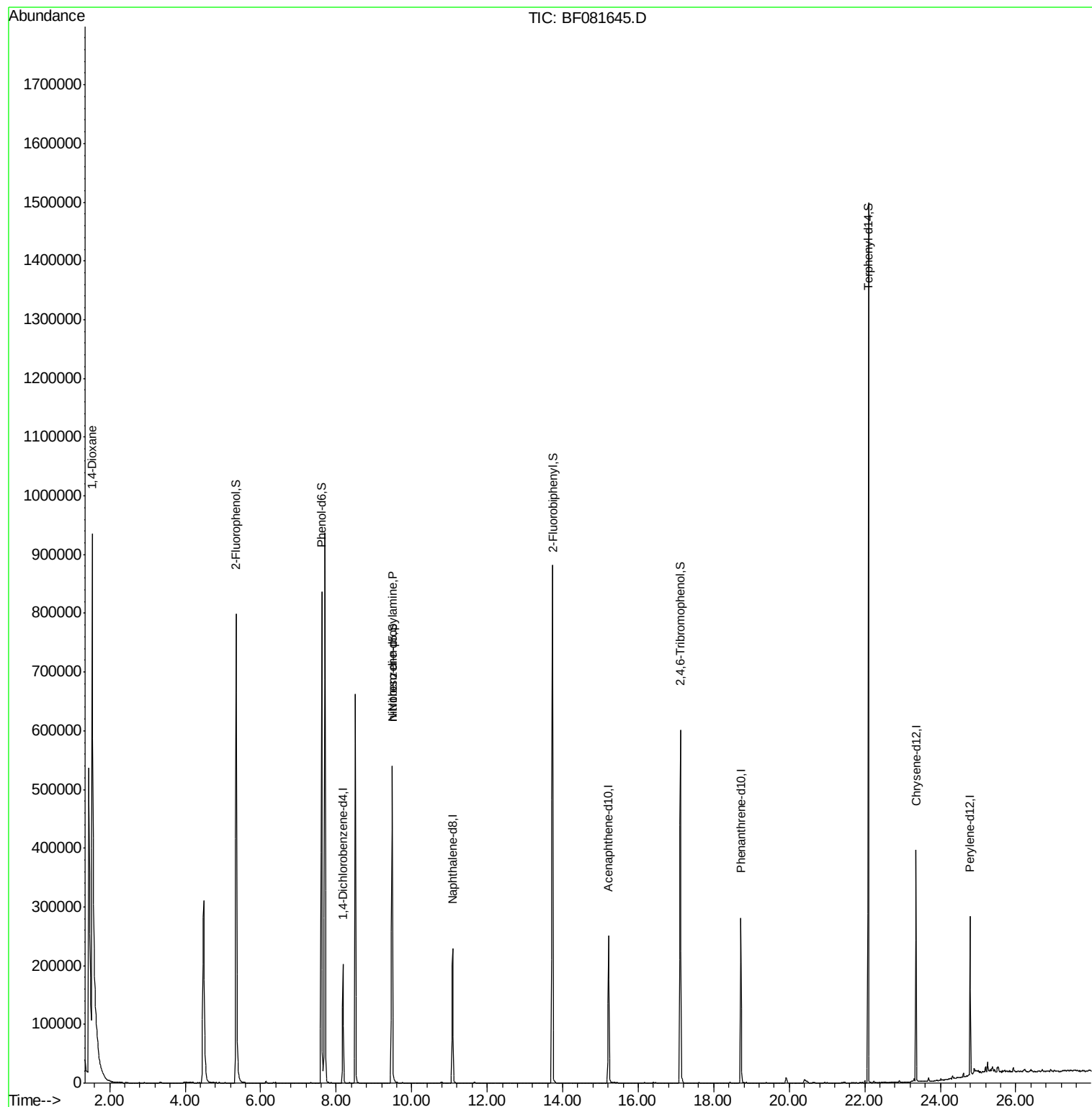
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	48146	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	196301	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	95981	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	203180	20.00	ng	-0.03
75) Chrysene-d12	23.36	240	174809	20.00	ng	-0.02
86) Perylene-d12	24.79	264	114482	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	376013	121.17	ng	0.00
7) Phenol-d6	7.61	99	505386	123.04	ng	-0.03
23) Nitrobenzene-d5	9.49	82	334781	82.28	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	107705	126.03	ng	-0.05
44) 2-Fluorobiphenyl	13.74	172	591658	78.99	ng	-0.03
78) Terphenyl-d14	22.09	244	623310	83.00	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.53	88	53354	38.28	ng	# 11
19) n-Nitroso-di-n-propylamine	9.49	70	45370	16.23	ng	# 65

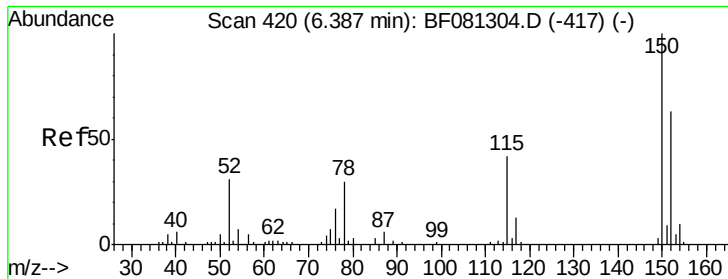
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

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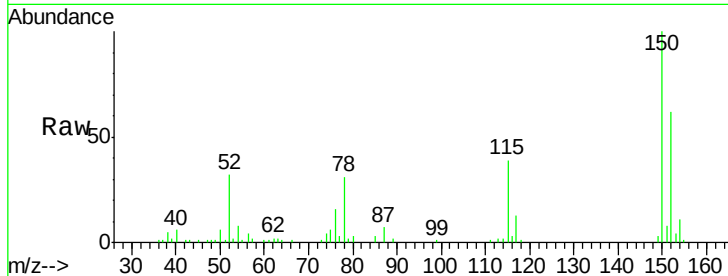
Tgt Ion:152 Resp: 48146

Ion Ratio Lower Upper

152 100

150 160.6 124.7 187.1

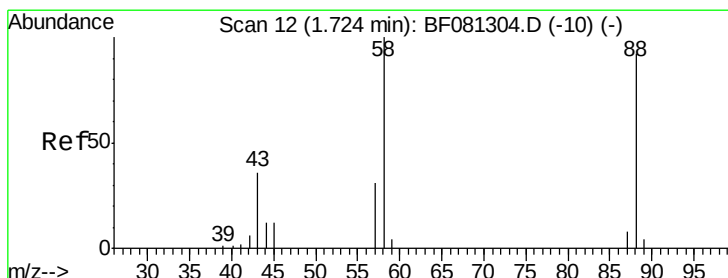
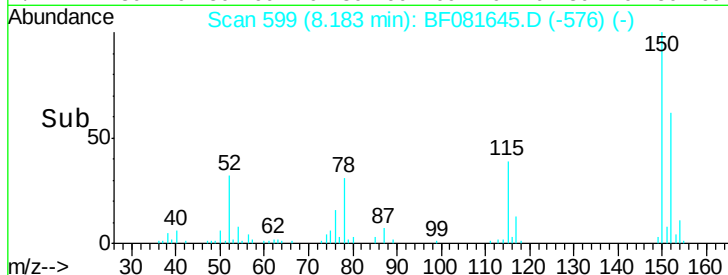
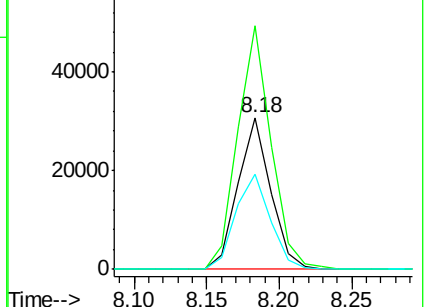
115 62.5 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 38.28 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081645.D

Acq: 16 Sep 2015 12:30

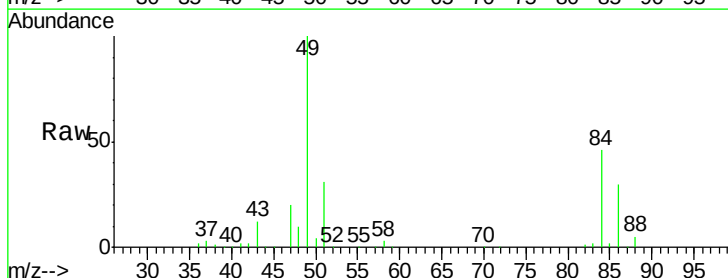
Tgt Ion: 88 Resp: 53354

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

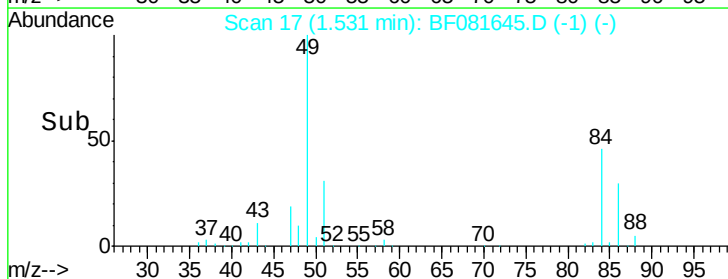
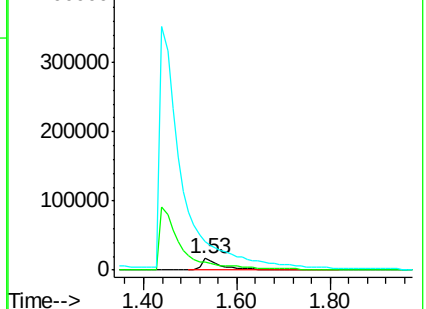
43 0.0 26.6 40.0#

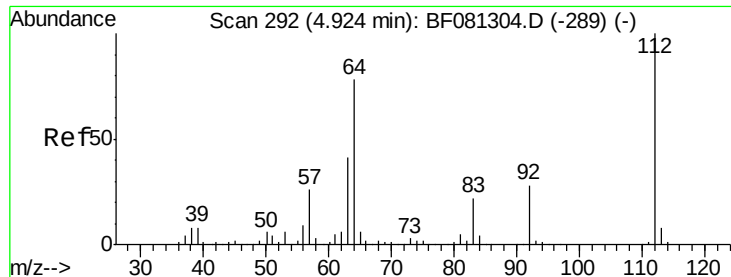


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 121.17 ng

RT: 5.35 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF081645.D

Acq: 16 Sep 2015 12:30

Instrument :

BNA_F

ClientSampleId :

PB85485BL

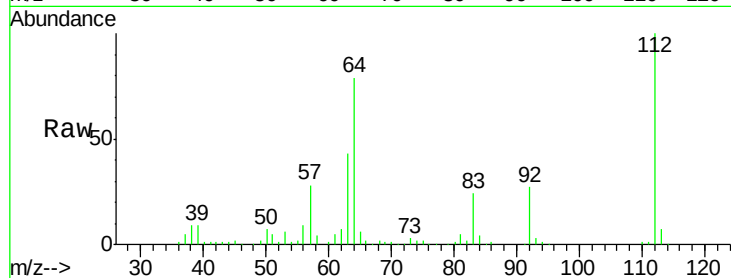
Tgt Ion: 112 Resp: 376013

Ion Ratio Lower Upper

112 100

64 79.1 39.7 59.5#

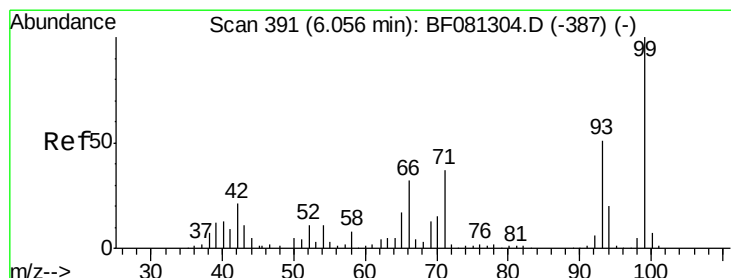
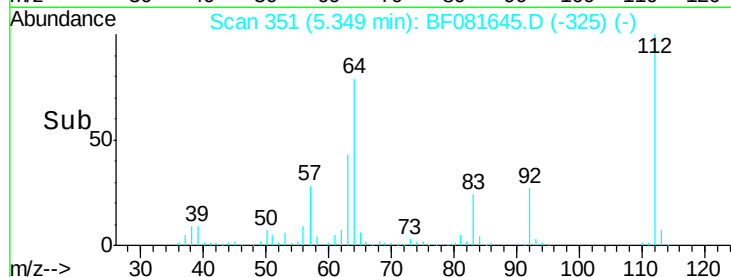
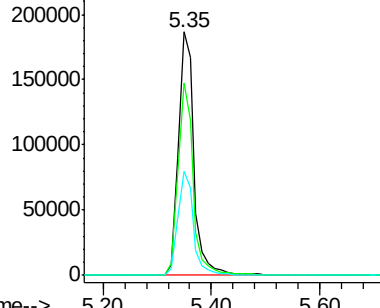
63 42.5 17.4 26.0#



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: 123.04 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081645.D

Acq: 16 Sep 2015 12:30

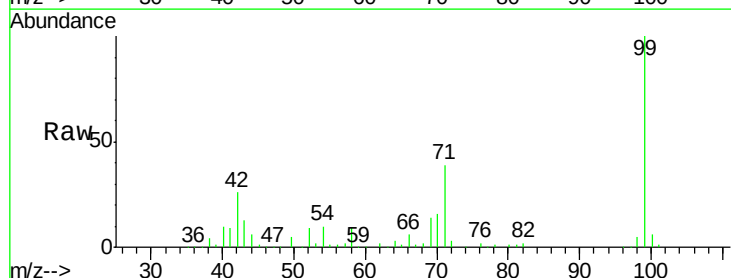
Tgt Ion: 99 Resp: 505386

Ion Ratio Lower Upper

99 100

42 26.3 13.7 20.5#

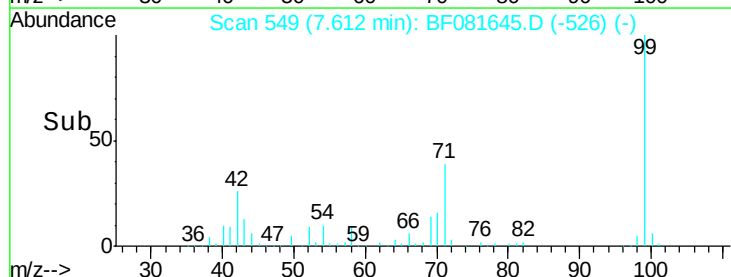
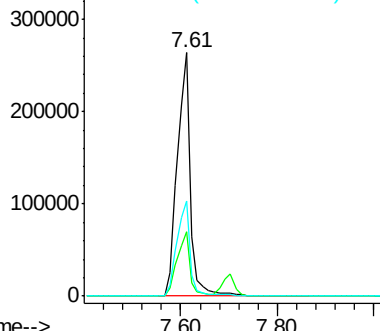
71 39.2 14.2 21.2#

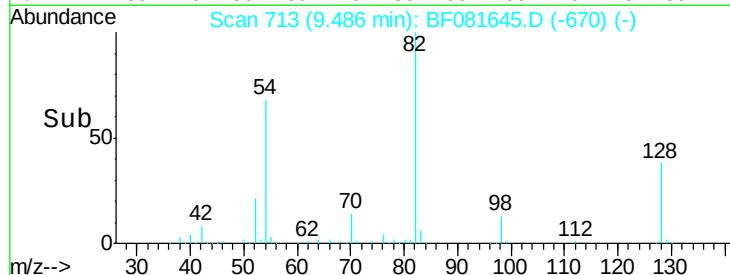
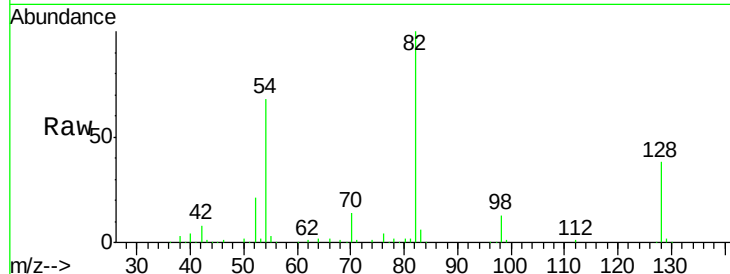
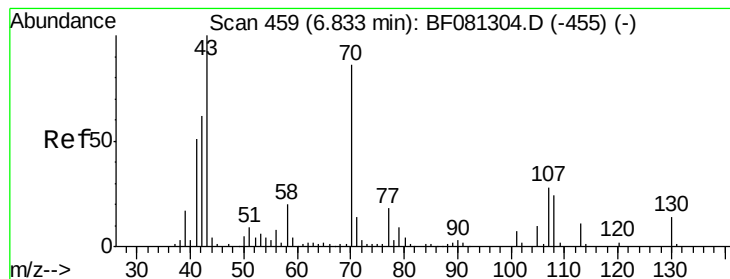


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.23 ng

RT: 9.49 min Scan# 713

Delta R.T. 0.19 min

Lab File: BF081645.D

Acq: 16 Sep 2015 12:30

Instrument :

BNA_F

ClientSampleId :

PB85485BL

Tgt Ion: 70 Resp: 45370

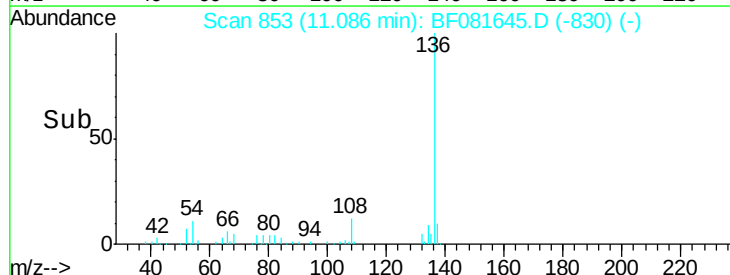
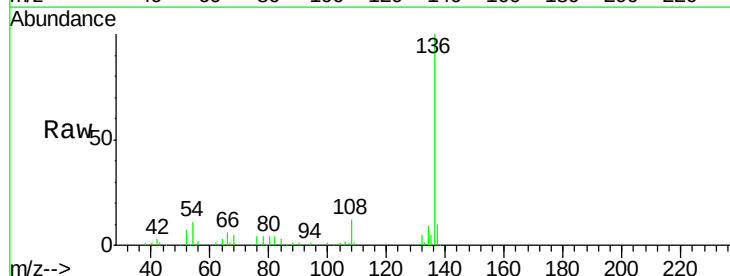
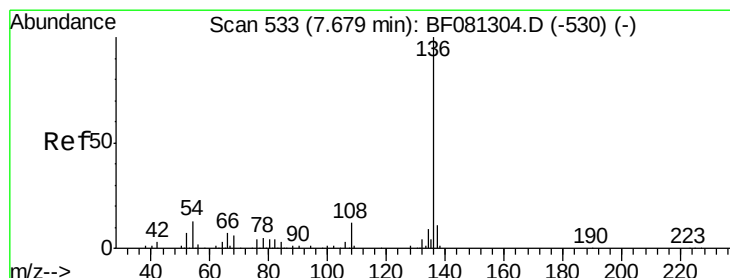
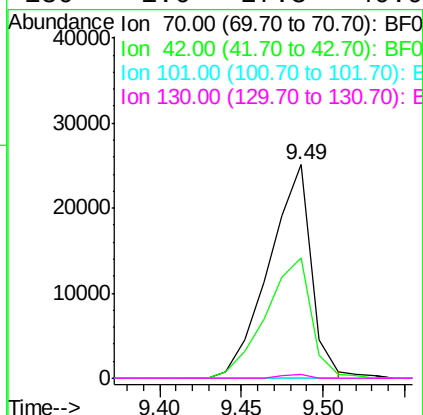
Ion Ratio Lower Upper

70 100

42 56.3 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF081645.D

Acq: 16 Sep 2015 12:30

Tgt Ion: 136 Resp: 196301

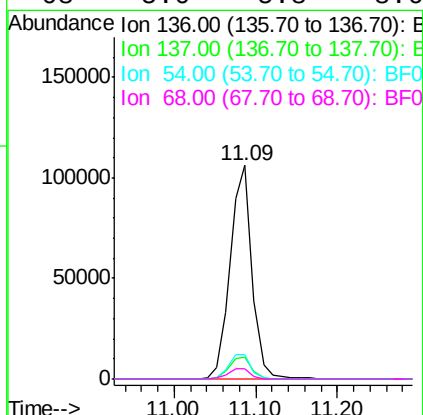
Ion Ratio Lower Upper

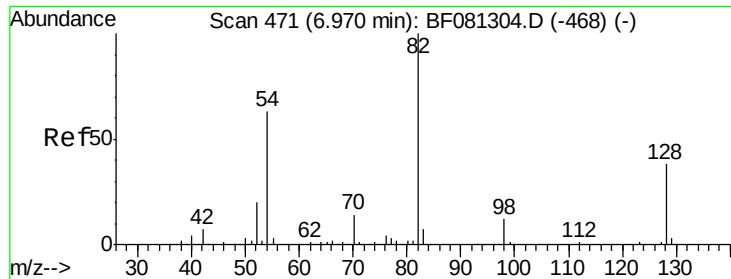
136 100

137 10.4 9.0 13.6

54 11.4 8.2 12.2

68 5.0 5.8 8.6#

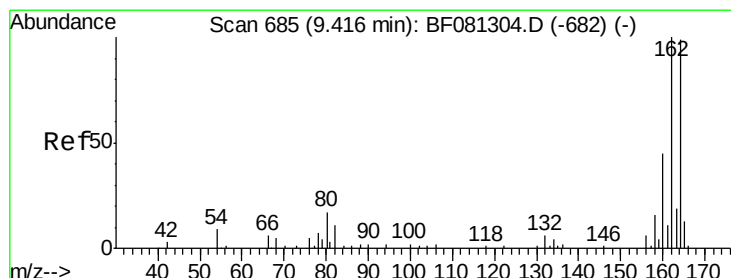
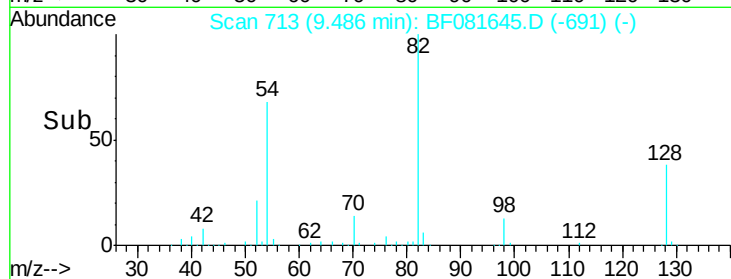
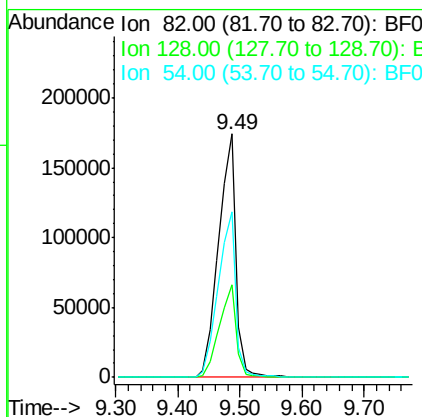
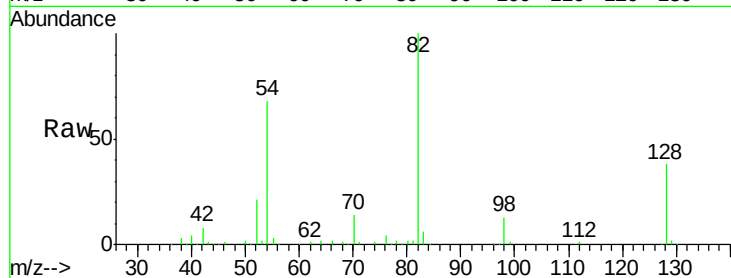




#23
 Nitrobenzene-d5
 Concen: 82.28 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

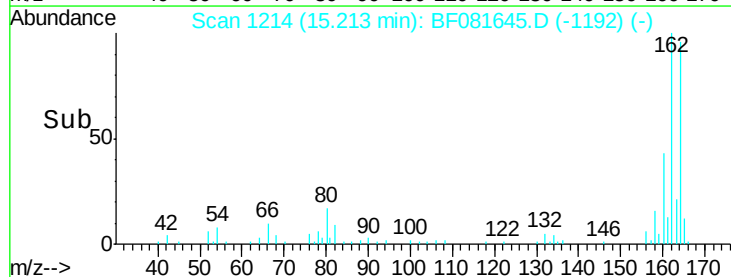
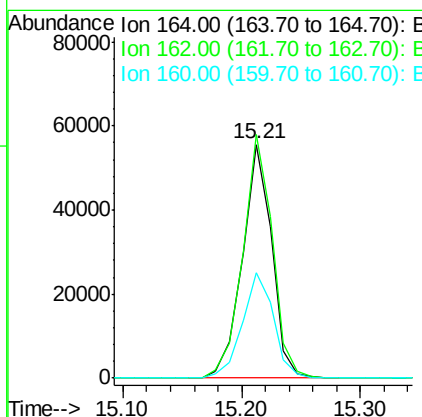
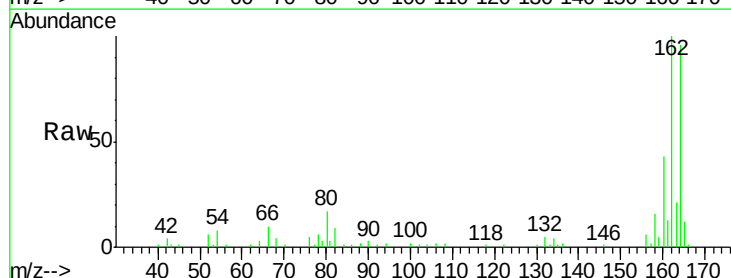
Instrument :
 BNA_F
 ClientSampleId :
 PB85485BL

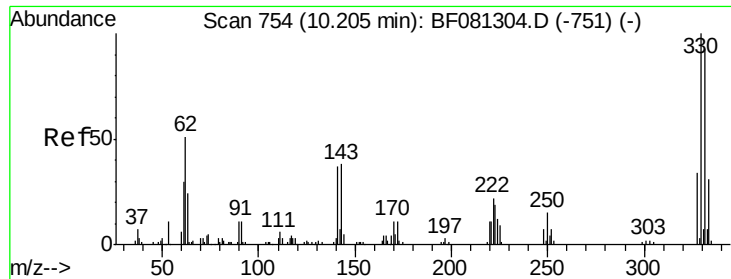
Tgt Ion: 82 Resp: 334781
 Ion Ratio Lower Upper
 82 100
 128 38.0 51.0 76.6#
 54 67.8 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

Tgt Ion: 164 Resp: 95981
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 45.2 31.5 47.3

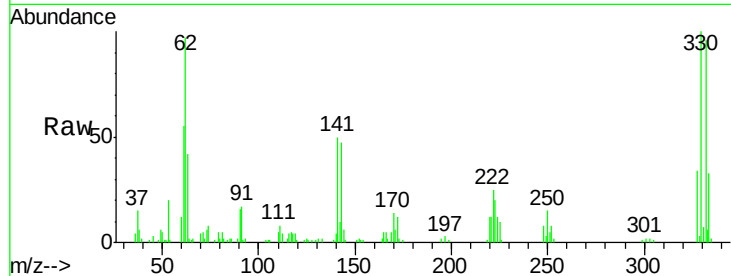




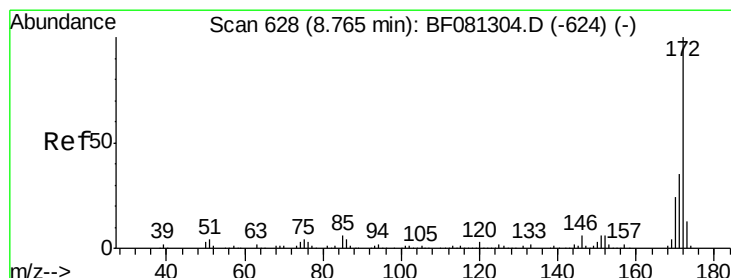
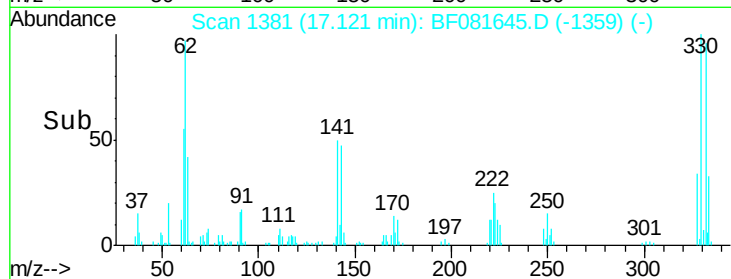
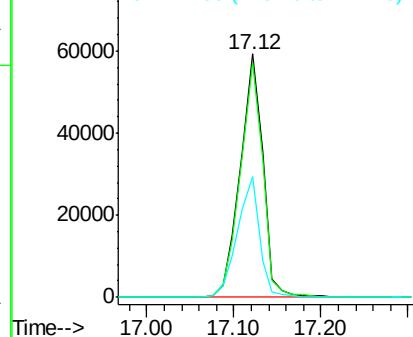
#41
 2,4,6-Tribromophenol
 Concen: 126.03 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB85485BL

Tgt Ion:330 Resp: 107705
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 48.3 29.7 44.5#

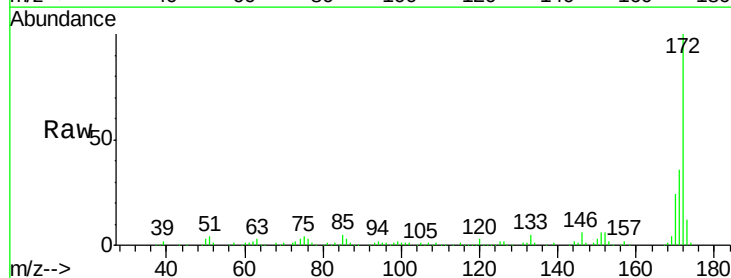


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

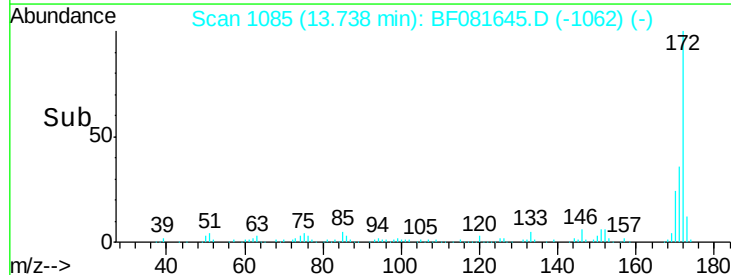
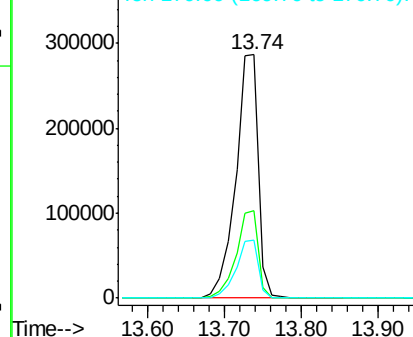


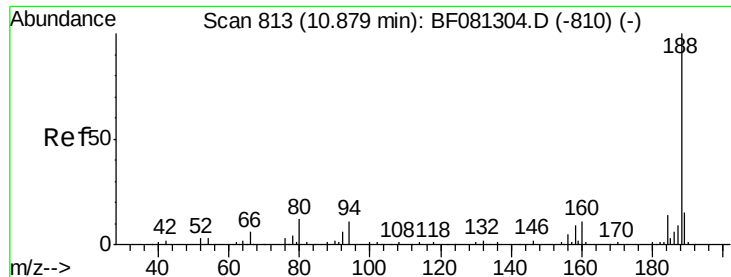
#44
 2-Fluorobiphenyl
 Concen: 78.99 ng
 RT: 13.74 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

Tgt Ion:172 Resp: 591658
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 23.8 17.4 26.2



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

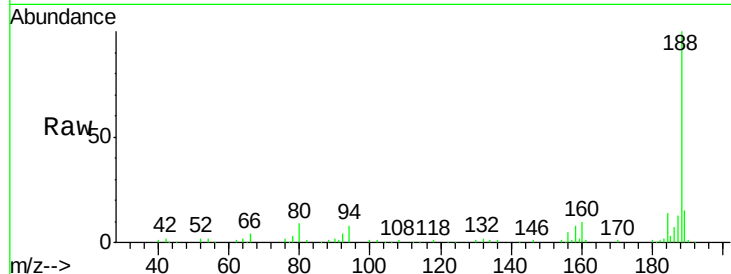




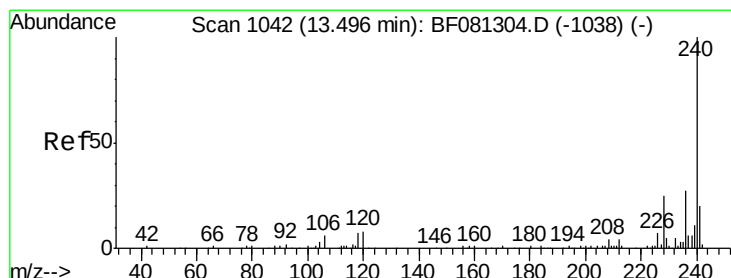
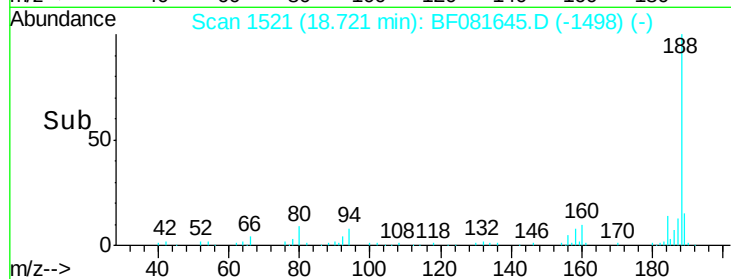
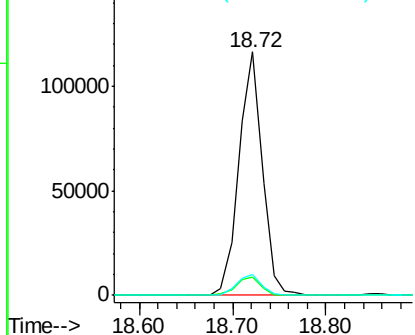
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.72 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF081645.D
Acq: 16 Sep 2015 12:30

Instrument :
BNA_F
ClientSampleId :
PB85485BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	11.1	16.7#
80	8.8	11.0	16.4#

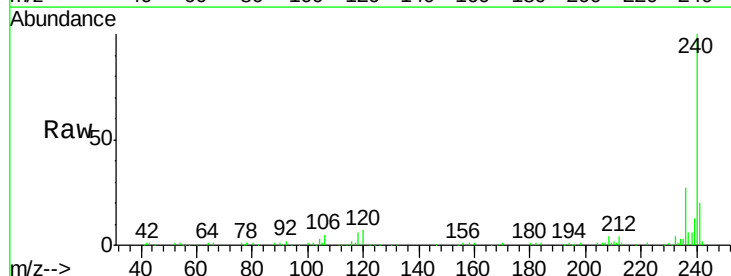


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

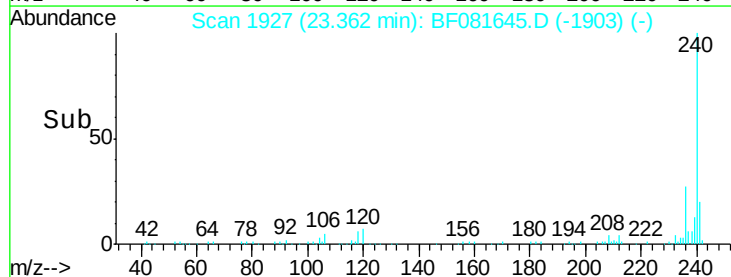
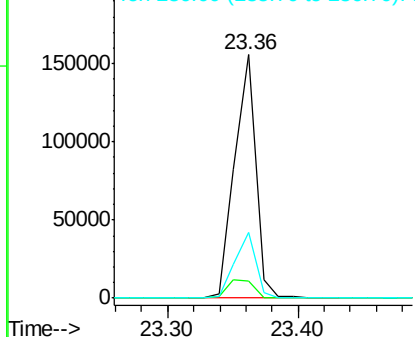


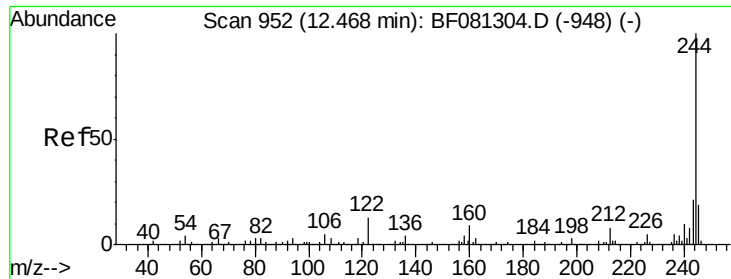
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BF081645.D
Acq: 16 Sep 2015 12:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	16.2	24.2#
236	26.7	18.4	27.6



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

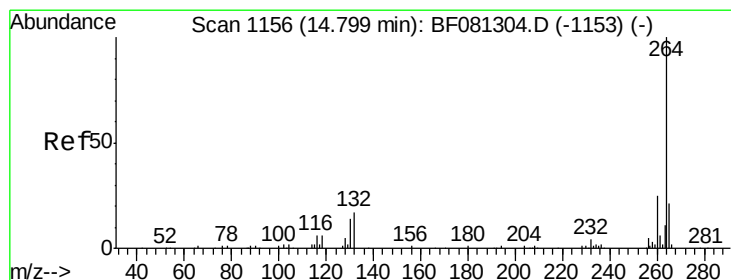
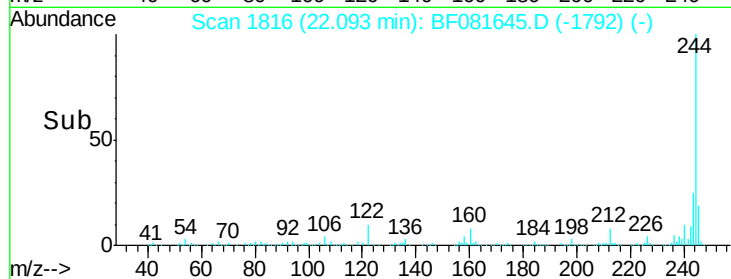
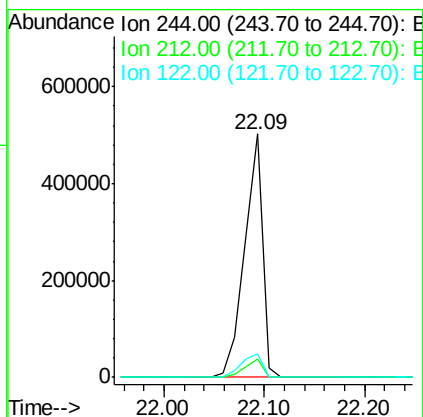
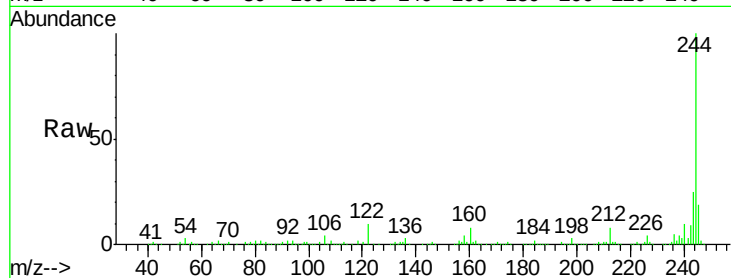




#78
 Terphenyl-d14
 Concen: 83.00 ng
 RT: 22.09 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB85485BL

Tgt Ion:244 Resp: 623310
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 9.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

Tgt Ion:264 Resp: 114482
 Ion Ratio Lower Upper
 264 100
 260 25.6 16.7 25.1#
 265 21.8 17.2 25.8

