

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075582.D
 Acq On : 16 Nov 2014 14:03
 Operator : TP / JJ
 Sample : F4755-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-COMP3(B4-B5)

Quant Time: Nov 17 05:07:25 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 04:16:34 2014
 Response via : Initial Calibration

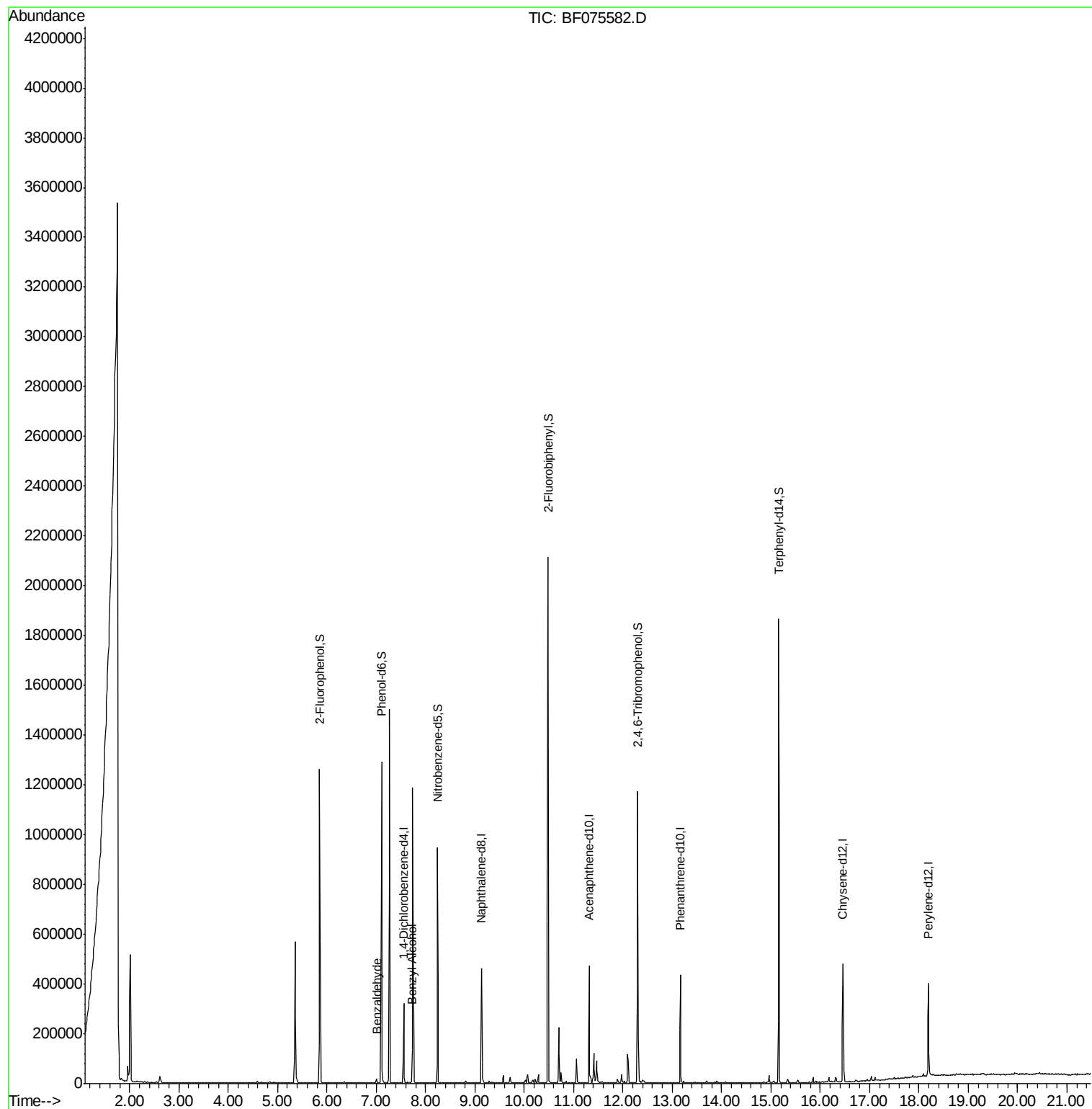
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	50748	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	206854	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	108061	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	189948	20.00	ng	0.00
75) Chrysene-d12	16.46	240	200378	20.00	ng	-0.02
86) Perylene-d12	18.20	264	190861	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	407121	141.72	ng	0.00
7) Phenol-d6	7.11	99	473693	137.13	ng	0.00
23) Nitrobenzene-d5	8.24	82	320759	113.69	ng	-0.01
41) 2,4,6-Tribromophenol	12.30	330	149102	164.74	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	700069	117.06	ng	0.00
78) Terphenyl-d14	15.16	244	744350	100.01	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.01	77	5052	2.17	ng	Qvalue 95
15) Benzyl Alcohol	7.73	79	20676	7.62	ng	# 83

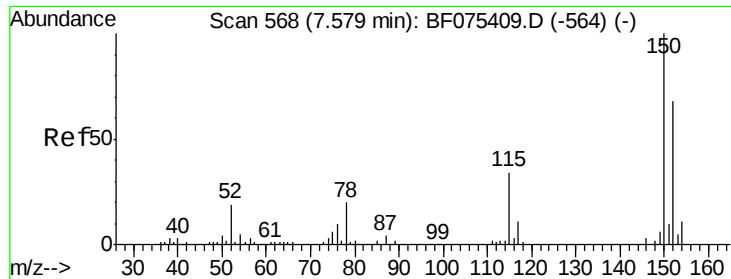
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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HUDPARK-COMP3(B4-B5)

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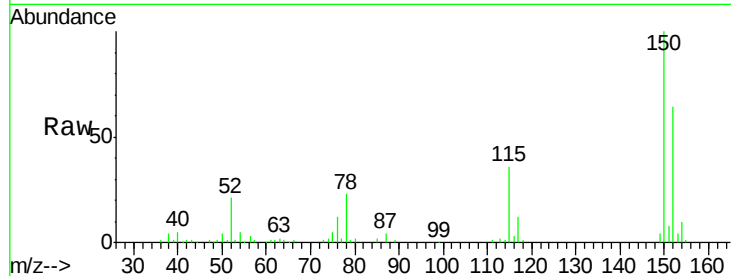




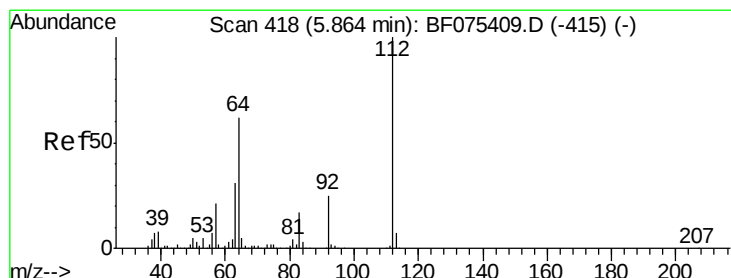
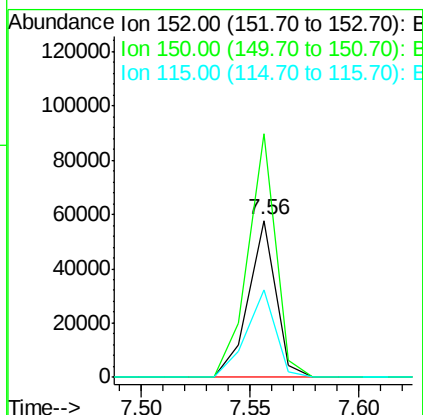
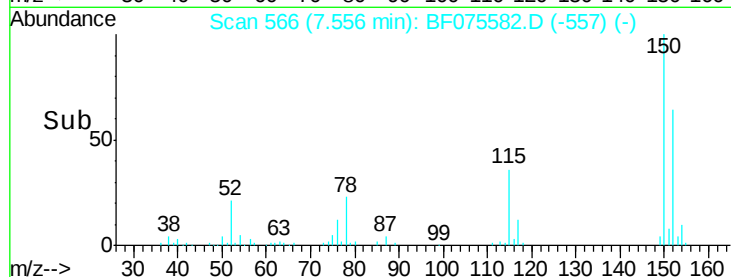
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF075582.D
 Acq: 16 Nov 2014 14:03

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-COMP3(B4-B5)

Tgt Ion:152 Resp: 50748
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.2 190.8
 115 55.6 57.1 85.7#

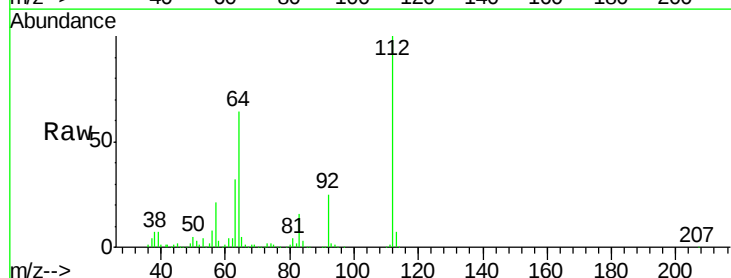


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

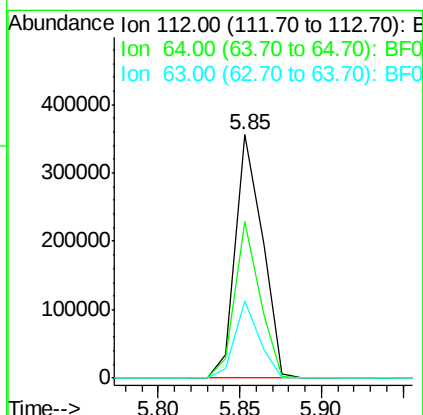
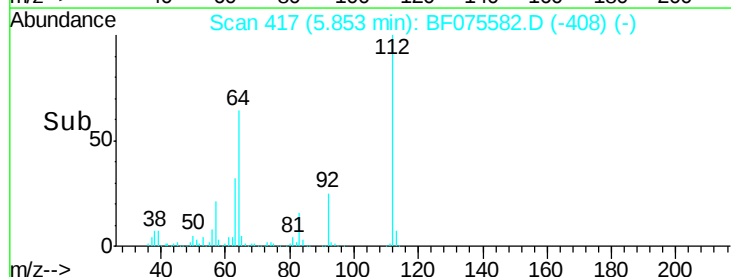


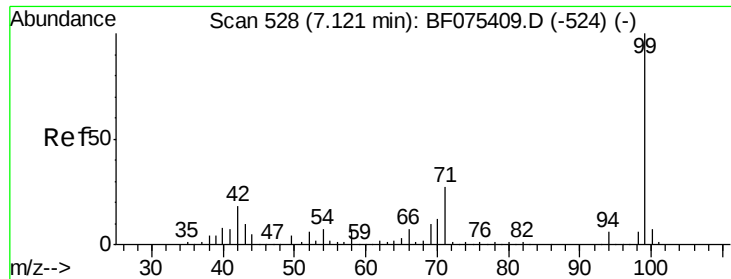
#5
 2-Fluorophenol
 Concen: 141.72 ng
 RT: 5.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF075582.D
 Acq: 16 Nov 2014 14:03

Tgt Ion:112 Resp: 407121
 Ion Ratio Lower Upper
 112 100
 64 64.5 45.8 68.6
 63 31.6 22.7 34.1



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: 137.13 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF075582.D

Acq: 16 Nov 2014 14:03

Instrument :

BNA_F

ClientSampleId :

HUDPARK-COMP3(B4-B5)

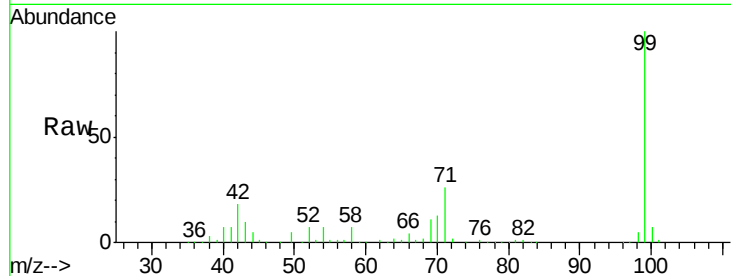
Tgt Ion: 99 Resp: 473693

Ion Ratio Lower Upper

99 100

42 18.3 19.8 29.6#

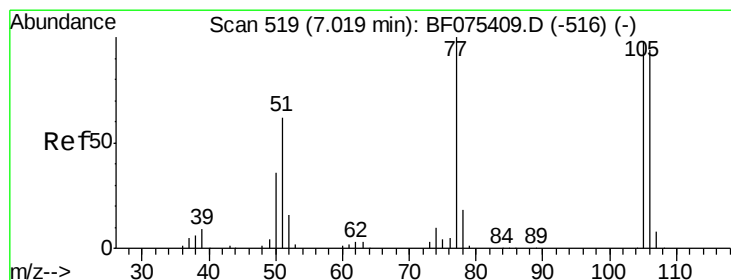
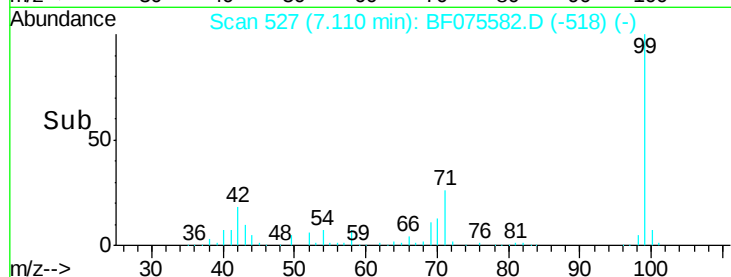
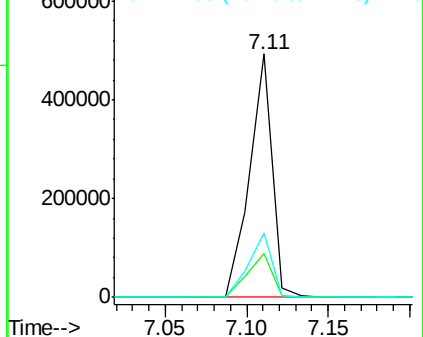
71 26.4 25.5 38.3



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



#9

Benzaldehyde

Concen: 2.17 ng

RT: 7.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF075582.D

Acq: 16 Nov 2014 14:03

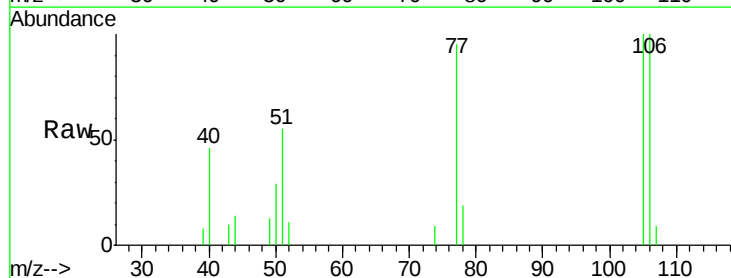
Tgt Ion: 77 Resp: 5052

Ion Ratio Lower Upper

77 100

105 104.8 81.6 121.6

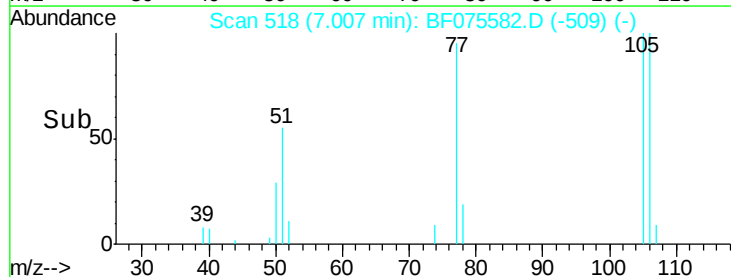
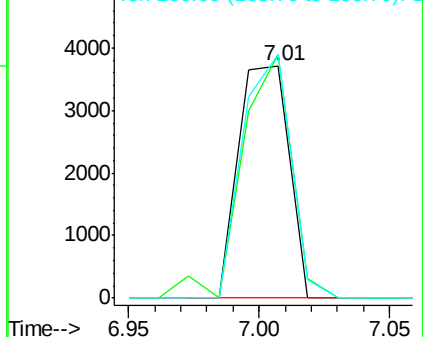
106 104.9 77.5 117.5

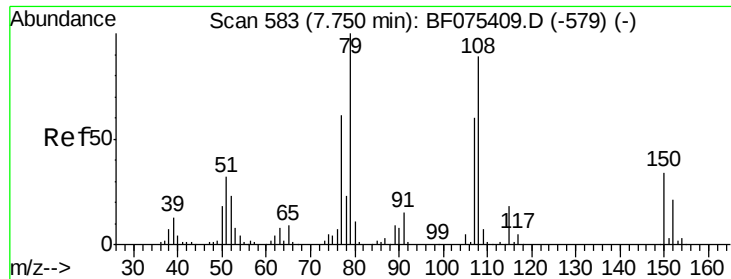


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 7.62 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075582.D

Acq: 16 Nov 2014 14:03

Instrument :

BNA_F

ClientSampleId :

HUDPARK-COMP3(B4-B5)

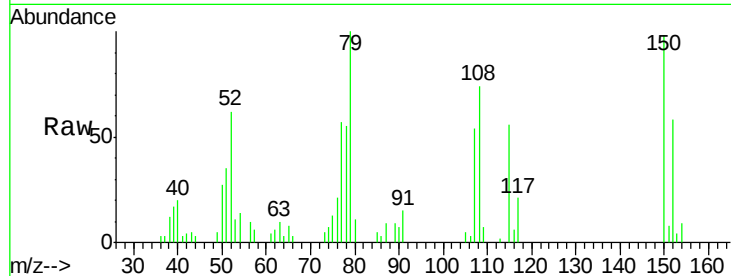
Tgt Ion: 79 Resp: 20676

Ion Ratio Lower Upper

79 100

108 73.6 75.5 113.3#

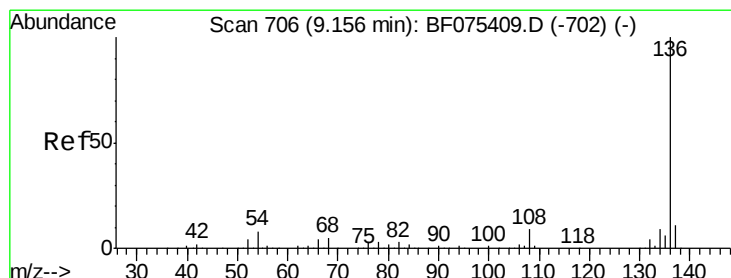
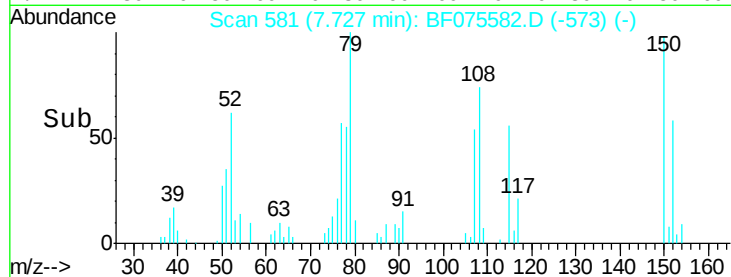
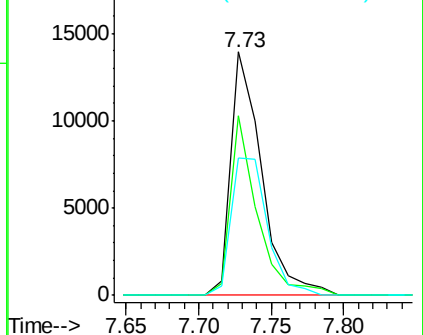
77 56.5 52.1 78.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF075582.D

Acq: 16 Nov 2014 14:03

Tgt Ion: 136 Resp: 206854

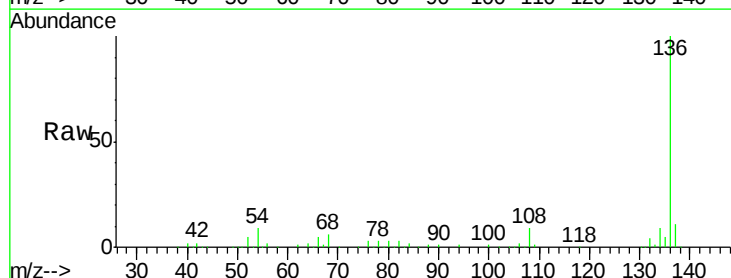
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 9.2 6.2 9.4

68 6.4 3.4 5.2#

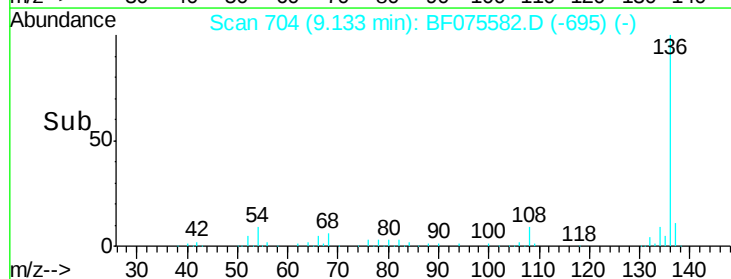
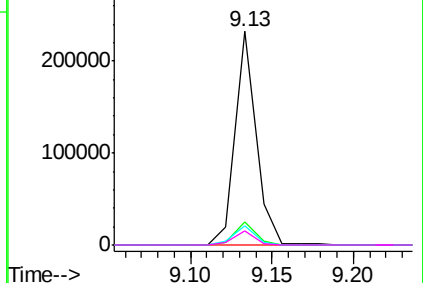


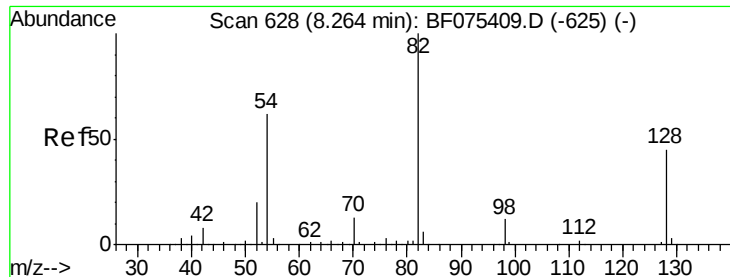
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

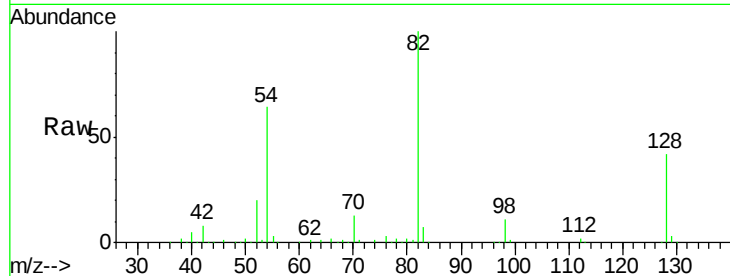




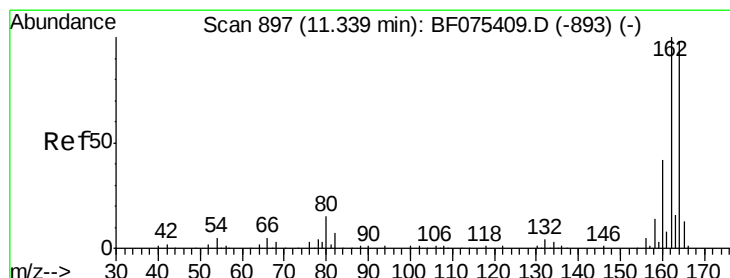
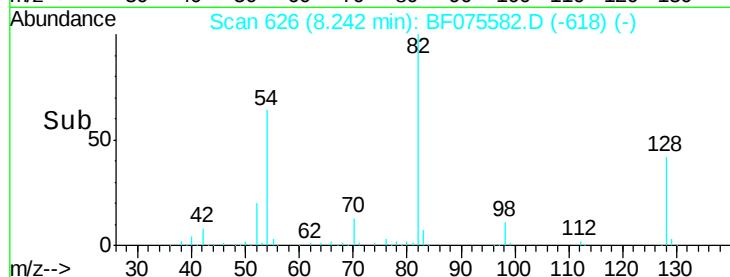
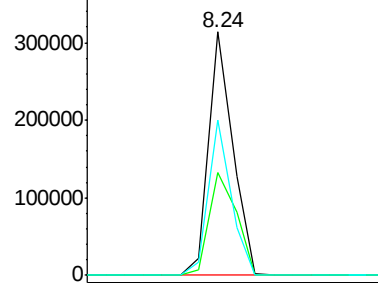
#23
 Nitrobenzene-d5
 Concen: 113.69 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF075582.D
 Acq: 16 Nov 2014 14:03

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-COMP3(B4-B5)

Tgt Ion: 82 Resp: 320759
 Ion Ratio Lower Upper
 82 100
 128 42.1 37.8 56.6
 54 63.8 49.8 74.8

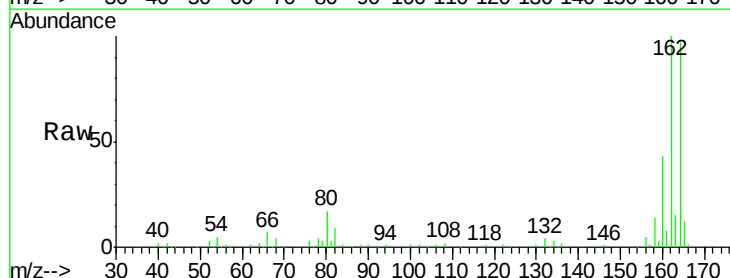


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

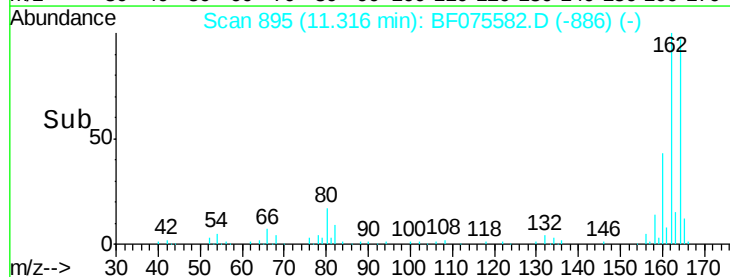
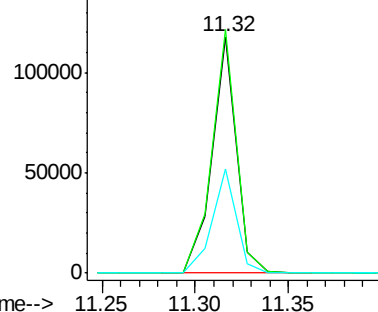


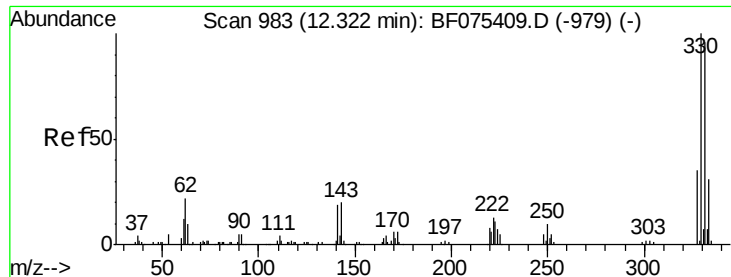
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF075582.D
 Acq: 16 Nov 2014 14:03

Tgt Ion: 164 Resp: 108061
 Ion Ratio Lower Upper
 164 100
 162 103.2 79.1 118.7
 160 44.1 34.6 51.8



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

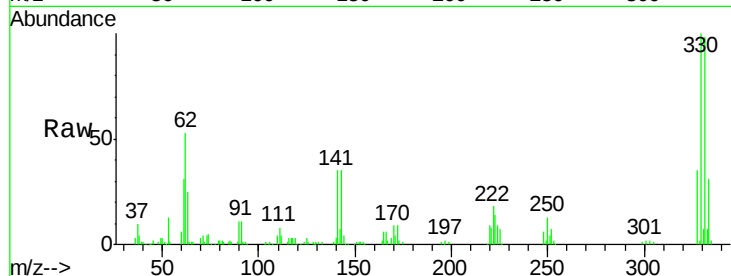




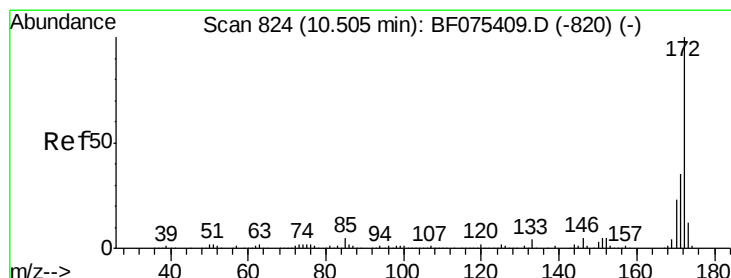
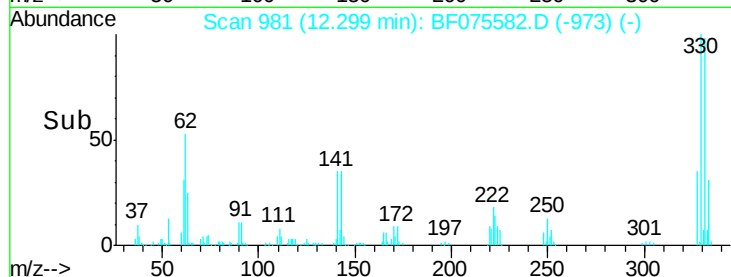
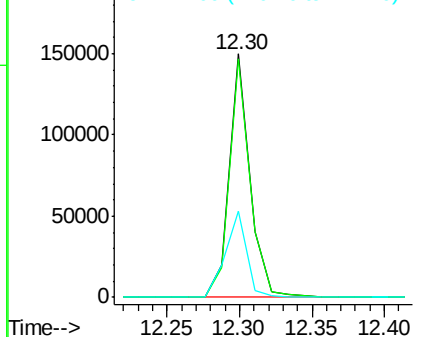
#41
 2,4,6-Tribromophenol
 Concen: 164.74 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF075582.D
 Acq: 16 Nov 2014 14:03

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-COMP3(B4-B5)

Tgt Ion:330 Resp: 149102
 Ion Ratio Lower Upper
 330 100
 332 97.7 74.5 111.7
 141 35.9 30.7 46.1

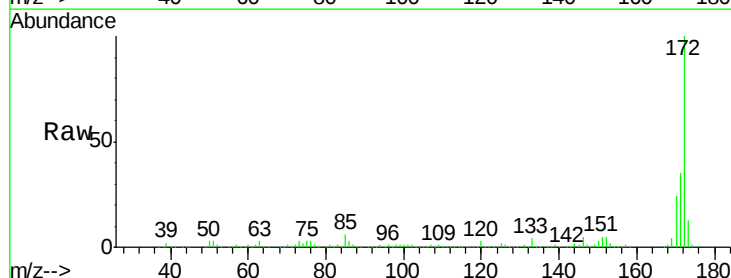


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

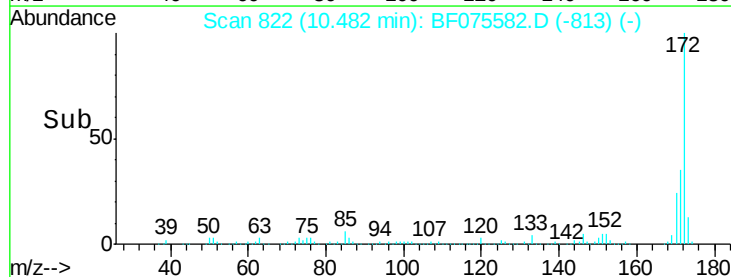
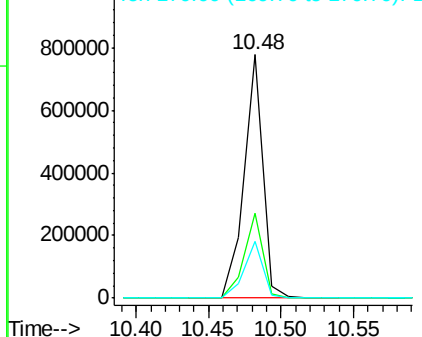


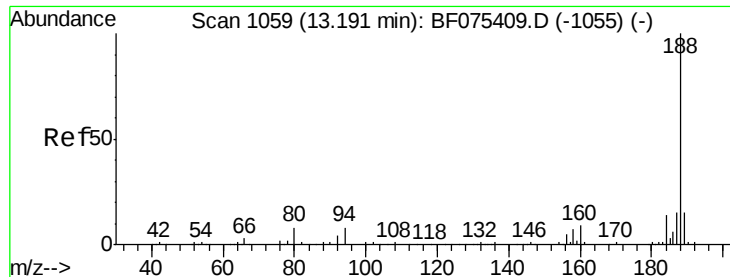
#44
 2-Fluorobiphenyl
 Concen: 117.06 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF075582.D
 Acq: 16 Nov 2014 14:03

Tgt Ion:172 Resp: 700069
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.3 40.9
 170 23.5 18.4 27.6



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: 13.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF075582.D

Acq: 16 Nov 2014 14:03

Instrument :

BNA_F

ClientSampleId :

HUDPARK-COMP3(B4-B5)

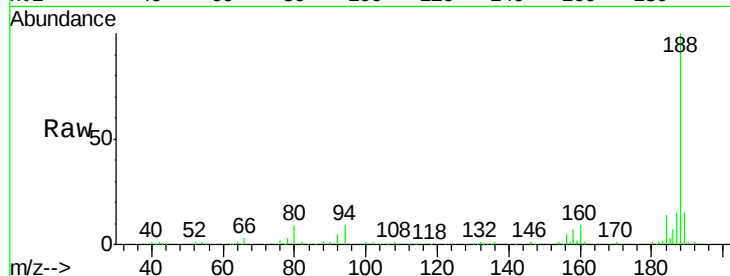
Tgt Ion:188 Resp: 189948

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.6

80 9.3 8.0 12.0



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

250000

200000

150000

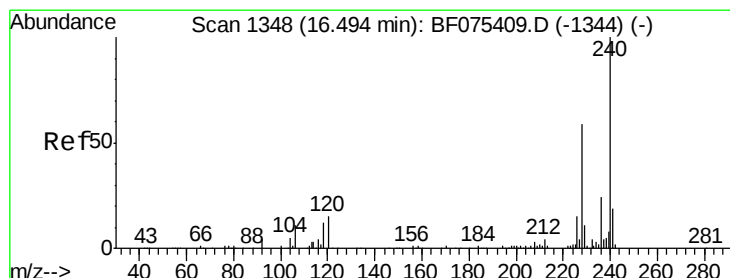
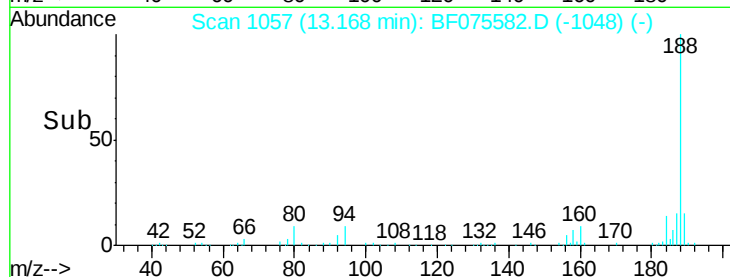
100000

50000

0

13.10 13.15 13.20

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF075582.D

Acq: 16 Nov 2014 14:03

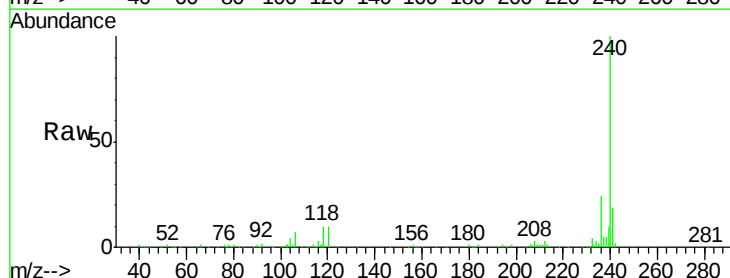
Tgt Ion:240 Resp: 200378

Ion Ratio Lower Upper

240 100

120 10.5 9.6 14.4

236 23.7 18.9 28.3



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

250000

200000

150000

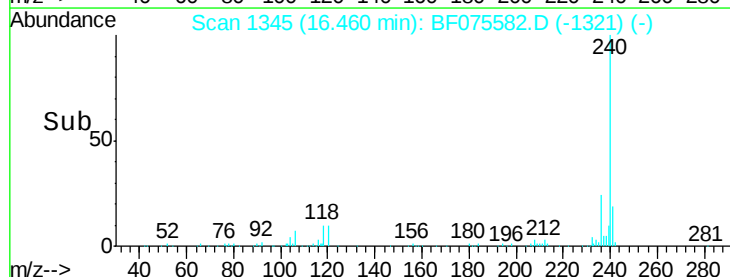
100000

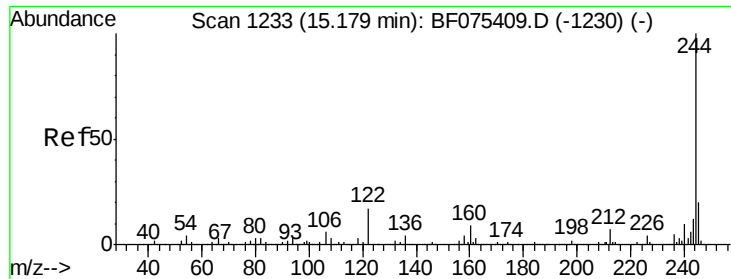
50000

0

16.40 16.50

Time-->

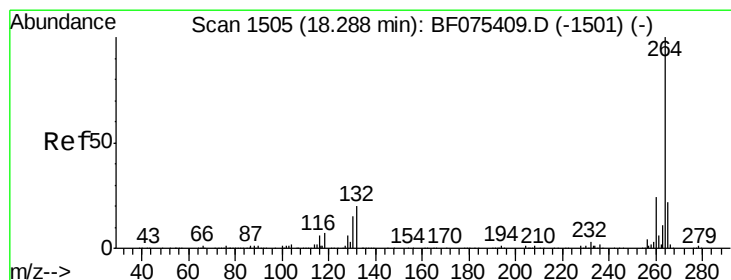
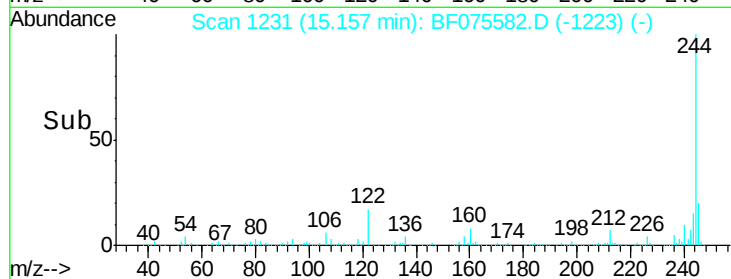
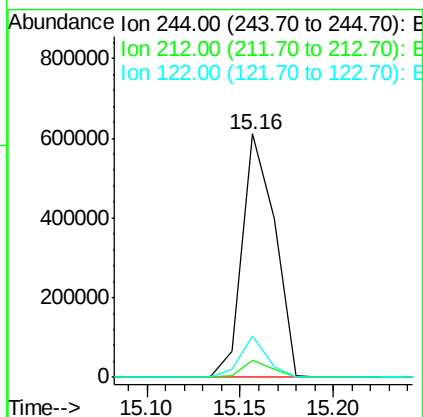
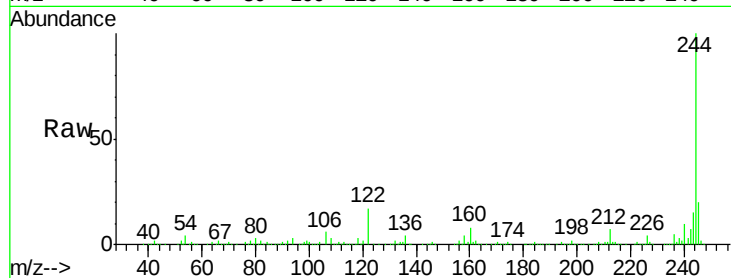




#78
 Terphenyl-d14
 Concen: 100.01 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF075582.D
 Acq: 16 Nov 2014 14:03

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-COMP3(B4-B5)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	16.8	9.7	14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.20 min Scan# 1497
 Delta R.T. -0.09 min
 Lab File: BF075582.D
 Acq: 16 Nov 2014 14:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	20.9	16.3	24.5

