

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077985.D
 Acq On : 26 Mar 2015 8:55
 Operator : TP/IZ
 Sample : G1642-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Mar 26 12:51:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

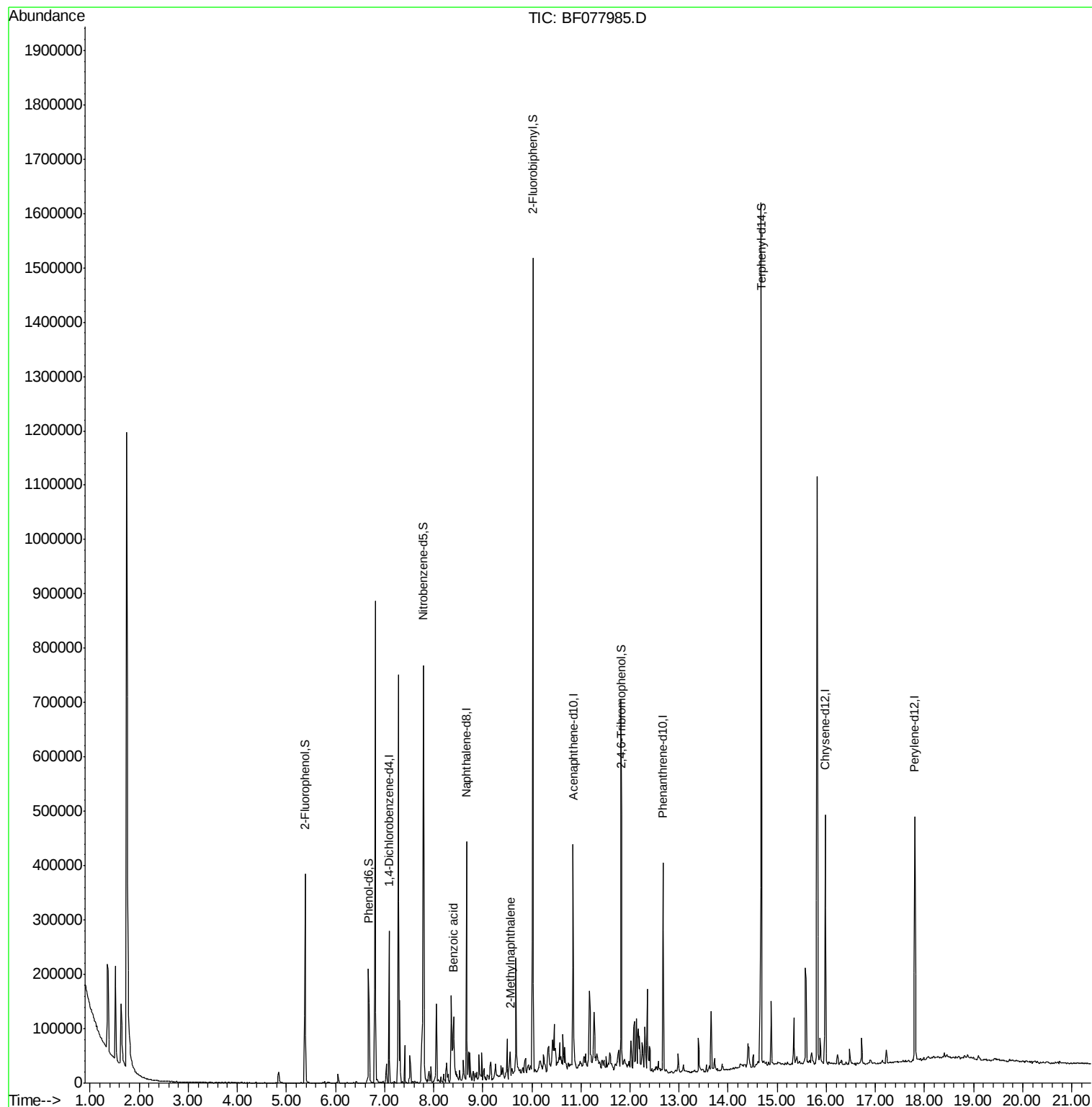
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	42994	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	176233	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	91653	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	183247	20.00	ng	-0.08
75) Chrysene-d12	15.97	240	210469	20.00	ng	-0.16
86) Perylene-d12	17.80	264	201473	20.00	ng	-0.30
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	129620	52.62	ng	-0.06
7) Phenol-d6	6.67	99	102254	33.60	ng	-0.06
23) Nitrobenzene-d5	7.79	82	213125	79.27	ng	-0.07
41) 2,4,6-Tribromophenol	11.83	330	98473	112.29	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	460244	73.80	ng	-0.07
78) Terphenyl-d14	14.67	244	569152	66.05	ng	-0.09
Target Compounds						
32) Benzoic acid	8.41	122	61039	42.72	ng	96
37) 2-Methylnaphthalene	9.56	142	17431	2.87	ng	95

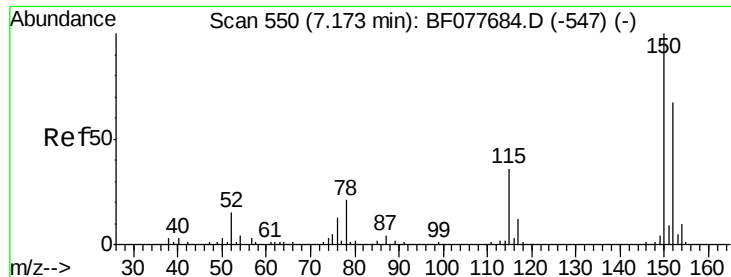
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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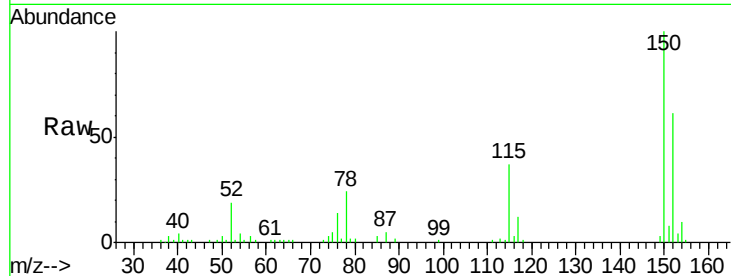


#1

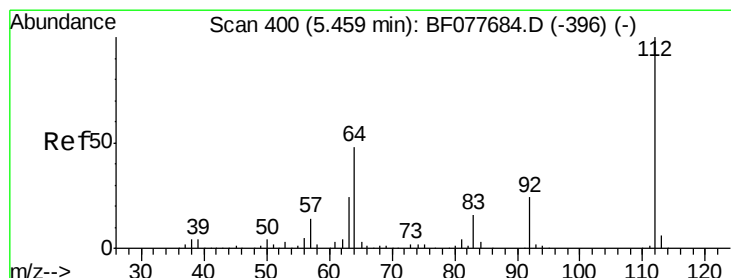
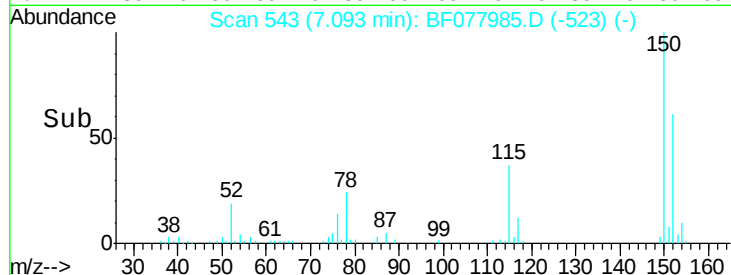
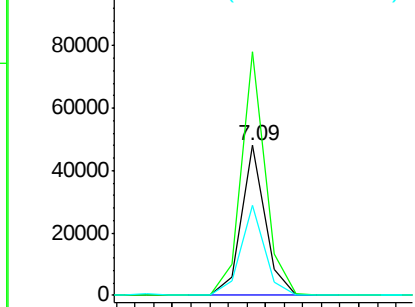
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion:152 Resp: 42994
Ion Ratio Lower Upper
152 100
150 162.7 119.5 179.3
115 60.1 43.0 64.4



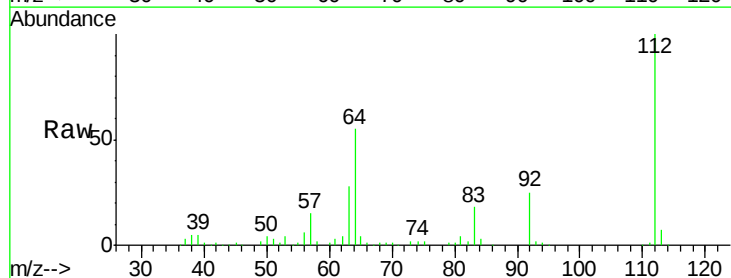
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



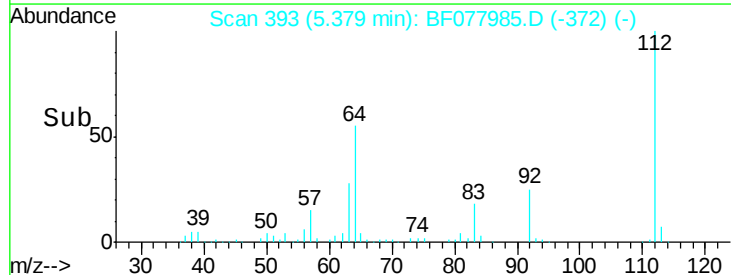
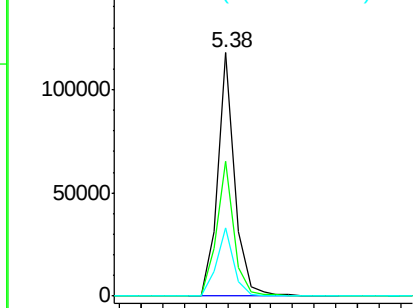
#5

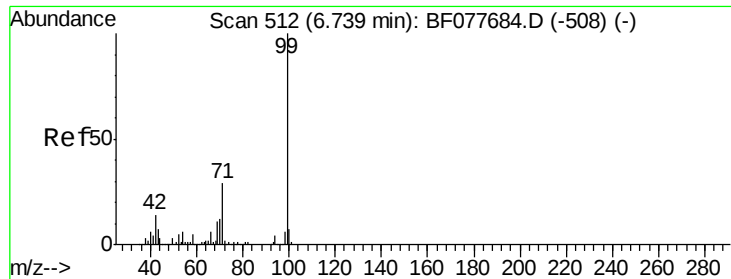
2-Fluorophenol
Concen: 52.62 ng
RT: 5.38 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Tgt Ion:112 Resp: 129620
Ion Ratio Lower Upper
112 100
64 55.2 38.6 57.8
63 28.0 19.3 28.9



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: 33.60 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF077985.D

Acq: 26 Mar 2015 8:55

Instrument :

BNA_F

ClientSampleId :

MW-20

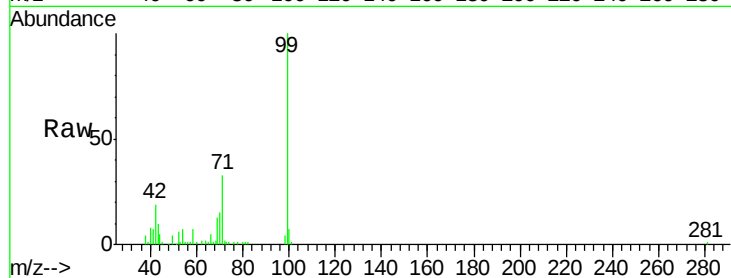
Tot Ion: 99 Resp: 102254

Ion Ratio Lower Upper

99 100

42 19.2 11.0 16.4#

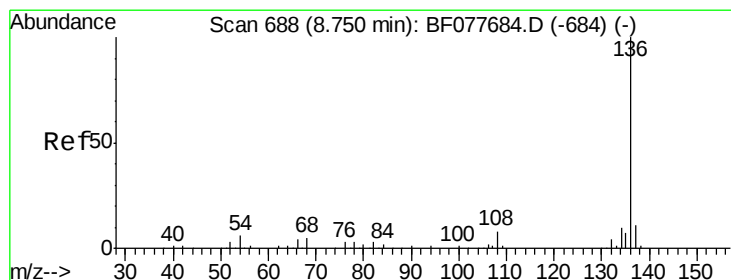
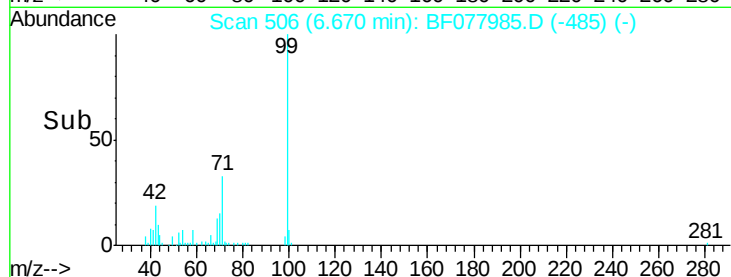
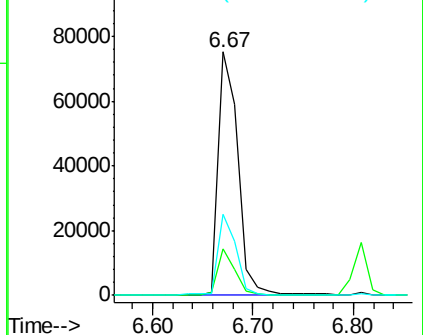
71 33.2 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF077985.D

Acq: 26 Mar 2015 8:55

Tgt Ion: 136 Resp: 176233

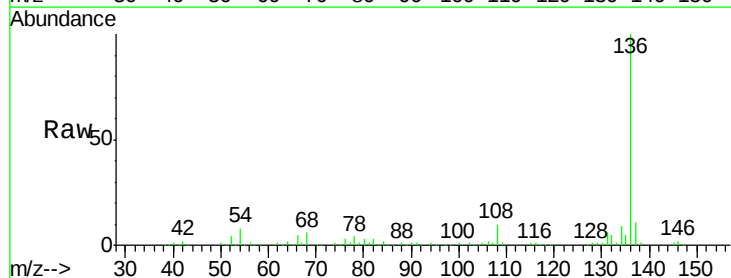
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.5 4.6 6.8#

68 5.9 3.7 5.5#

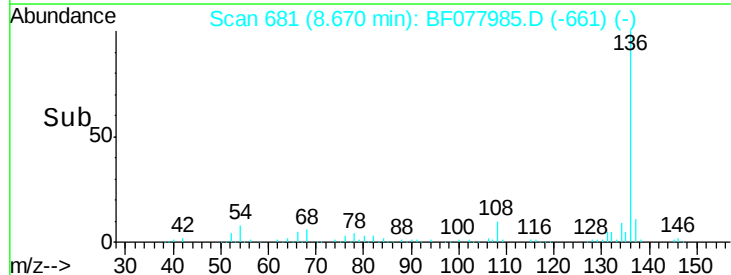
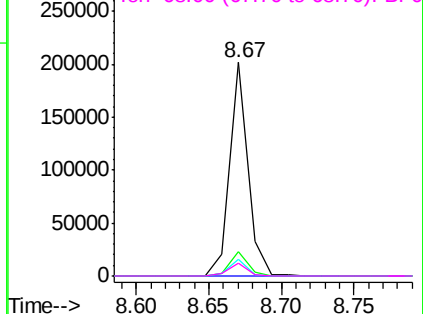


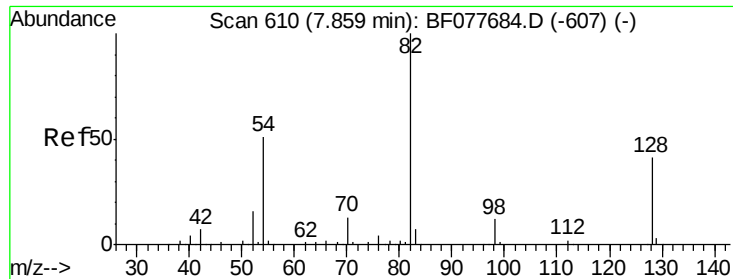
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.27 ng

RT: 7.79 min Scan# 604

Delta R.T. -0.07 min

Lab File: BF077985.D

Acq: 26 Mar 2015 8:55

Instrument :

BNA_F

ClientSampleId :

MW-20

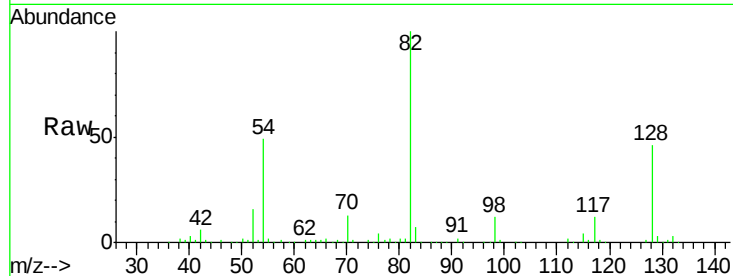
Tot Ion: 82 Resp: 213125

Ion Ratio Lower Upper

82 100

128 45.8 32.8 49.2

54 48.6 40.6 60.8

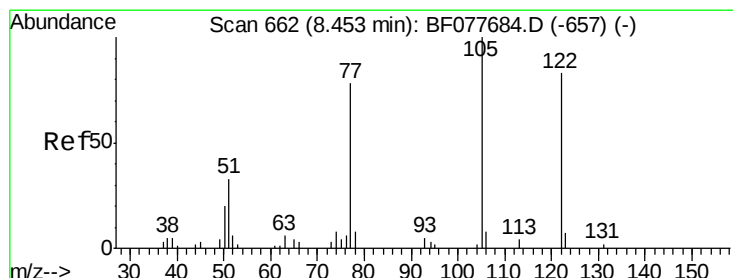
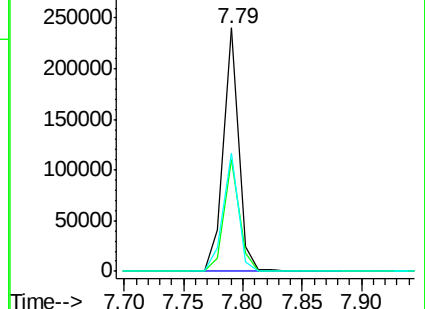
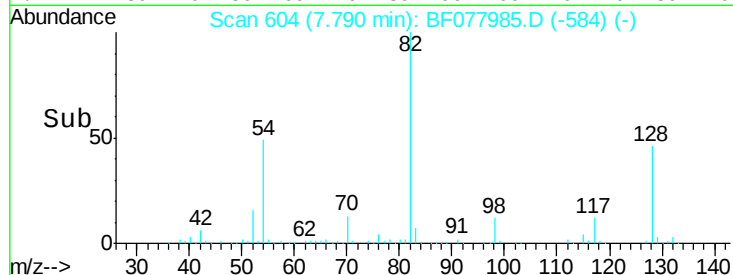


Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)

Time--> 7.70 7.75 7.80 7.85 7.90



#32

Benzoic acid

Concen: 42.72 ng

RT: 8.41 min Scan# 658

Delta R.T. -0.05 min

Lab File: BF077985.D

Acq: 26 Mar 2015 8:55

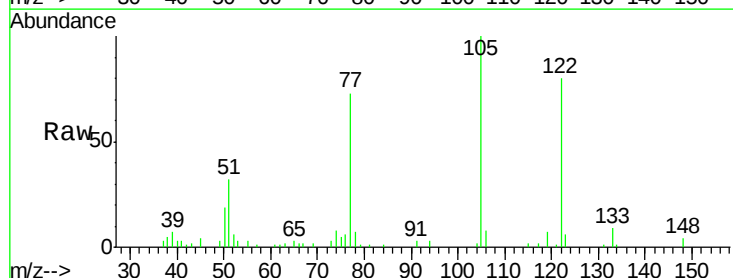
Tgt Ion: 122 Resp: 61039

Ion Ratio Lower Upper

122 100

105 125.5 99.9 139.9

77 92.0 73.7 113.7

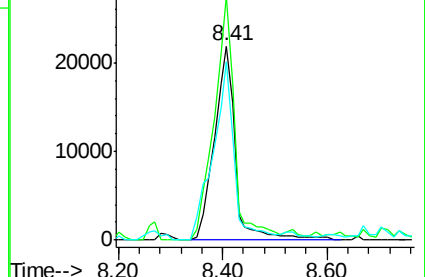
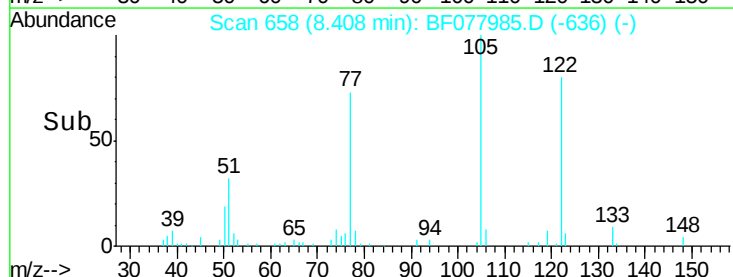


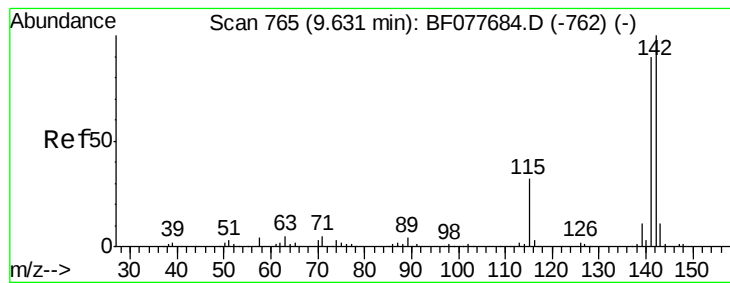
Abundance Ion 122.00 (121.70 to 122.70): BF077684.D (-657) (-)

Ion 105.00 (104.70 to 105.70): BF077684.D (-657) (-)

Ion 77.00 (76.70 to 77.70): BF077684.D (-657) (-)

Time--> 8.20 8.40 8.60

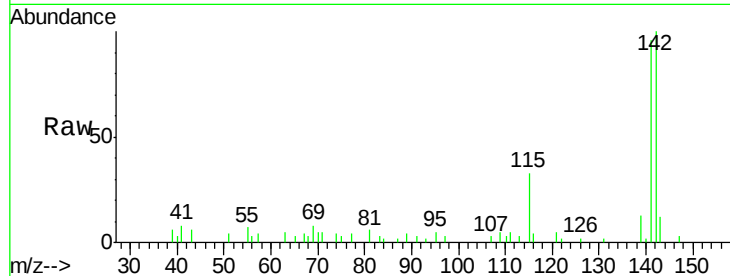




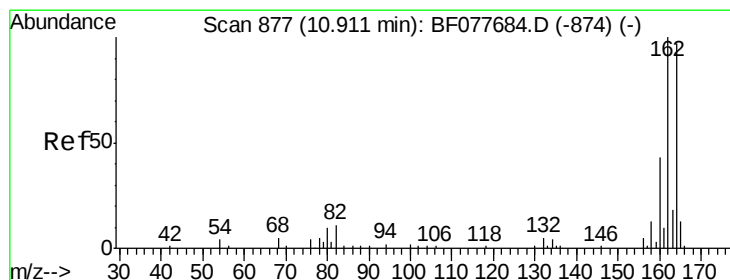
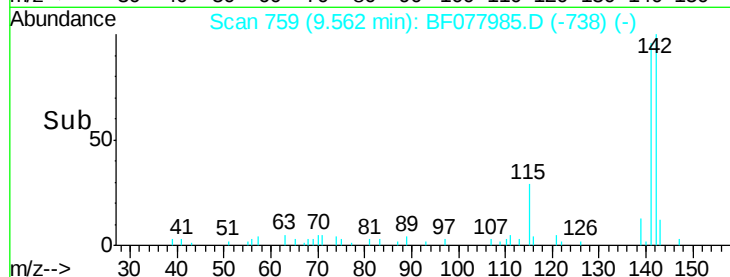
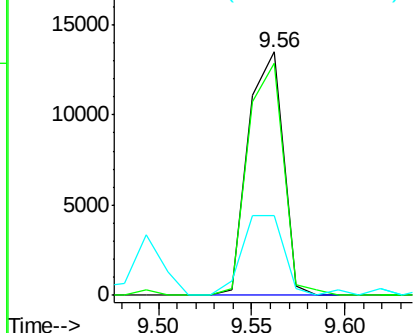
#37
 2-Methylnaphthalene
 Concen: 2.87 ng
 RT: 9.56 min Scan# 759
 Delta R.T. -0.06 min
 Lab File: BF077985.D
 Acq: 26 Mar 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:142 Resp: 17431
 Ion Ratio Lower Upper
 142 100
 141 95.5 71.9 107.9
 115 32.5 25.4 38.0

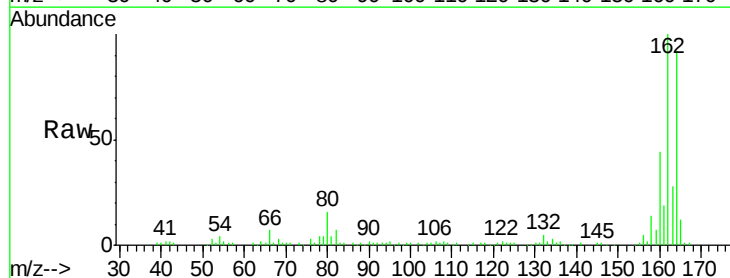


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

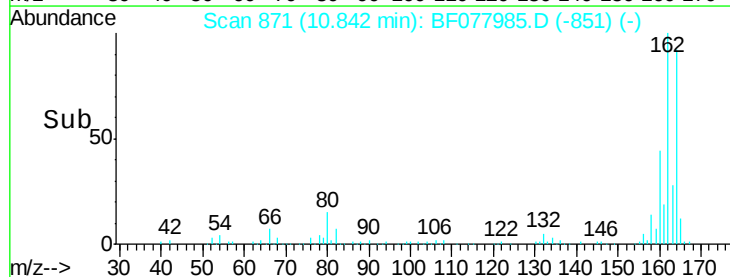
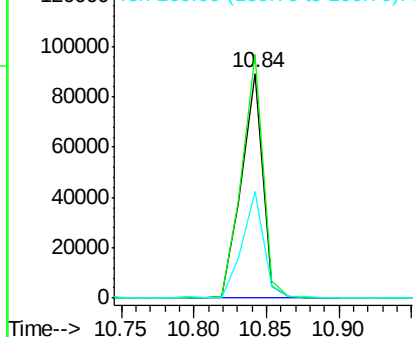


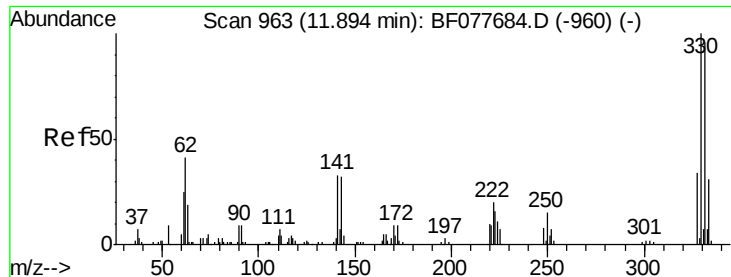
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.07 min
 Lab File: BF077985.D
 Acq: 26 Mar 2015 8:55

Tgt Ion:164 Resp: 91653
 Ion Ratio Lower Upper
 164 100
 162 108.3 82.4 123.6
 160 47.3 35.8 53.6



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

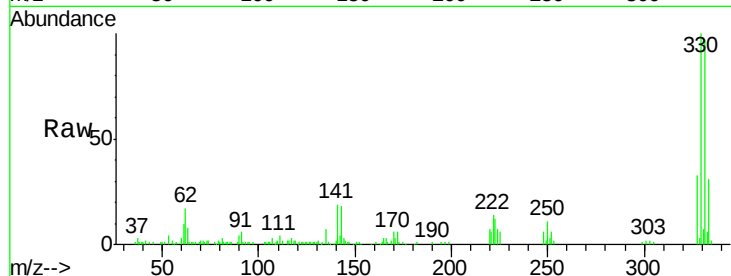




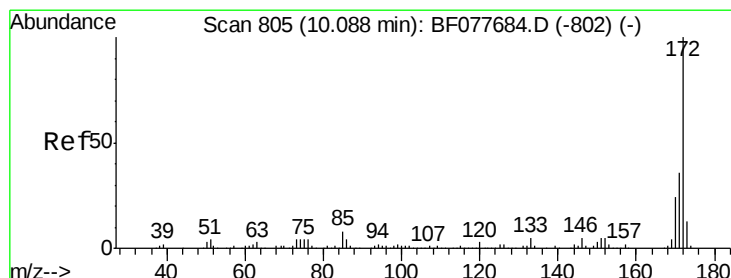
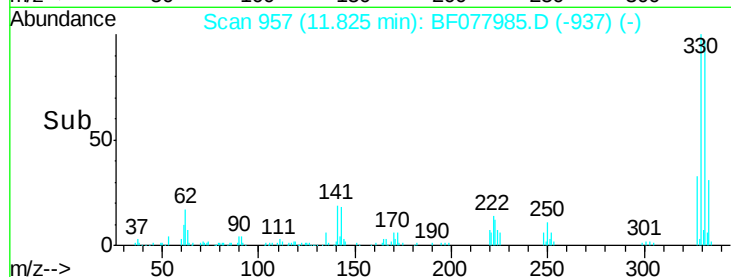
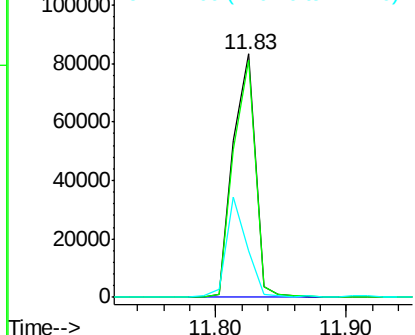
#41
 2,4,6-Tribromophenol
 Concen: 112.29 ng
 RT: 11.83 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF077985.D
 Acq: 26 Mar 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	39.5	0.0	0.0#

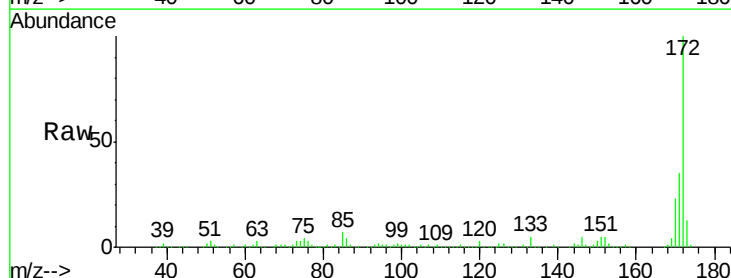


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

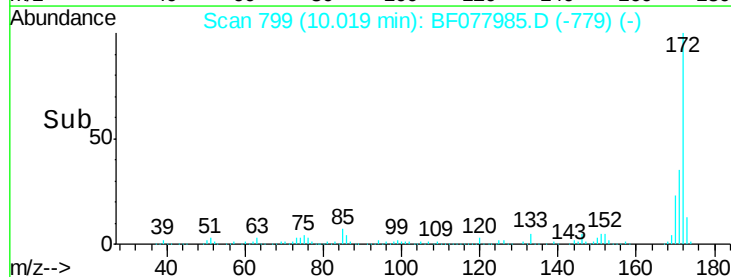
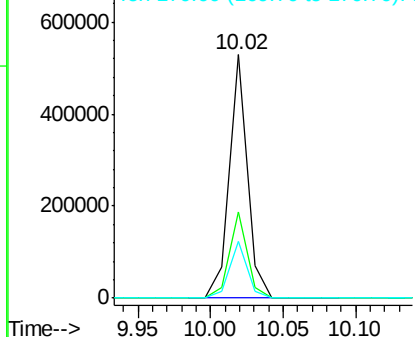


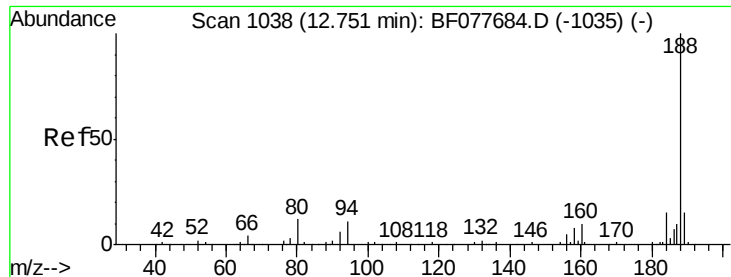
#44
 2-Fluorobiphenyl
 Concen: 73.80 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF077985.D
 Acq: 26 Mar 2015 8:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.4	18.8	28.2



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

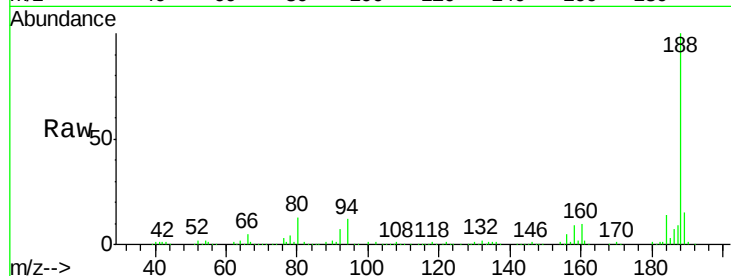




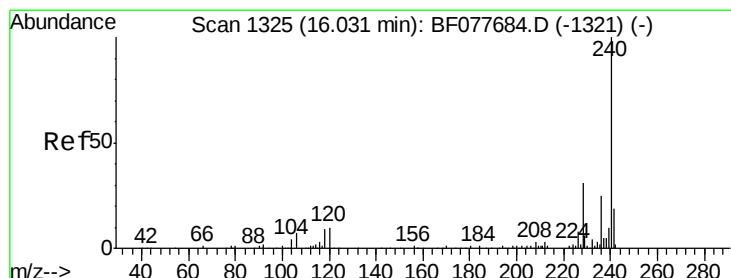
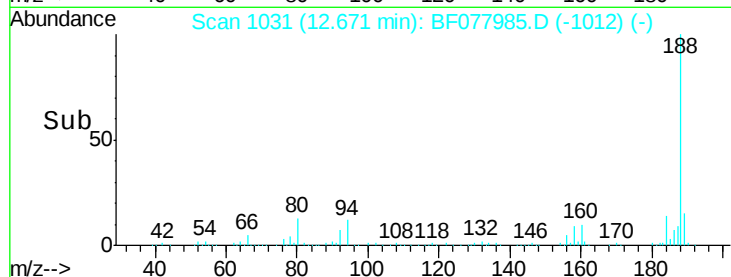
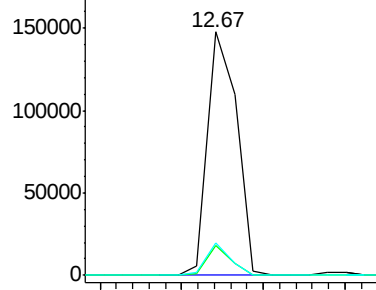
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion:188 Resp: 183247
Ion Ratio Lower Upper
188 100
94 12.1 8.7 13.1
80 13.4 9.3 13.9

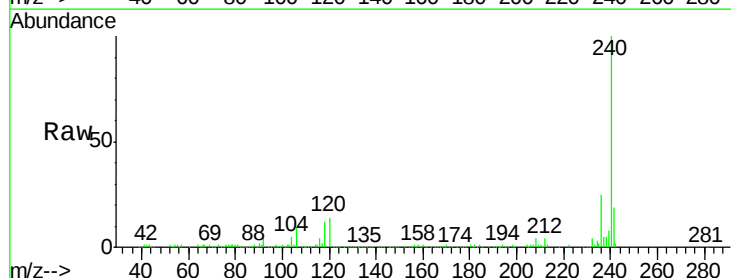


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

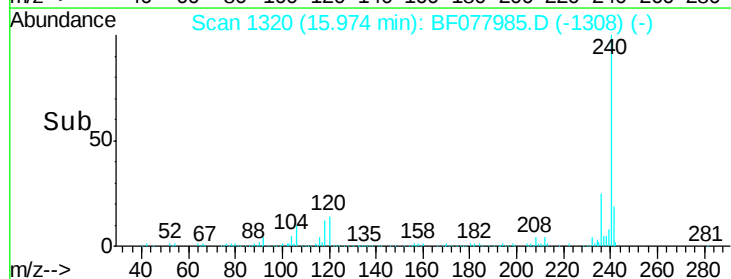
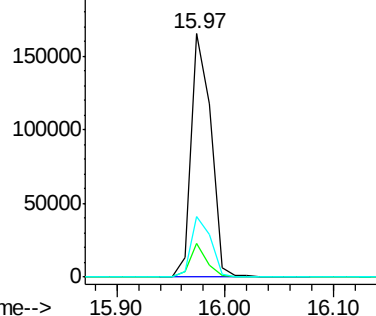


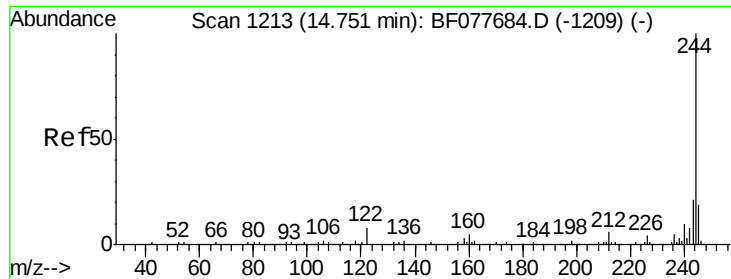
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.16 min
Lab File: BF077985.D
Acq: 26 Mar 2015 8:55

Tgt Ion:240 Resp: 210469
Ion Ratio Lower Upper
240 100
120 13.9 8.2 12.2#
236 25.0 20.0 30.0



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: 66.05 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.09 min

Lab File: BF077985.D

Acq: 26 Mar 2015 8:55

Instrument :

BNA_F

ClientSampleId :

MW-20

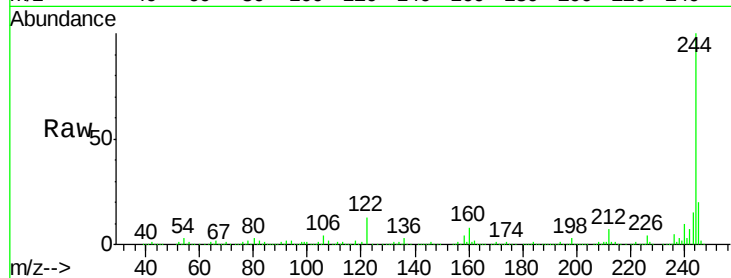
Tot Ion:244 Resp: 569152

Ion Ratio Lower Upper

244 100

212 6.8 4.9 7.3

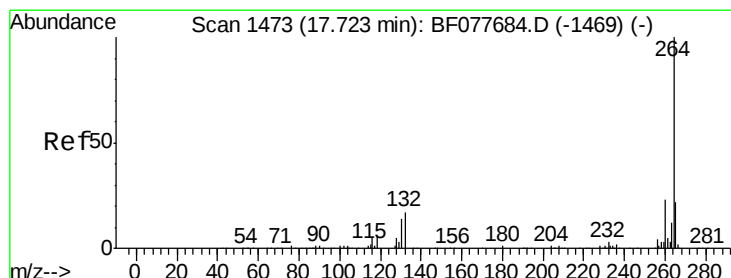
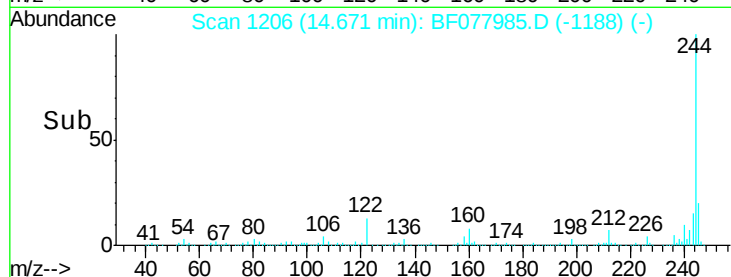
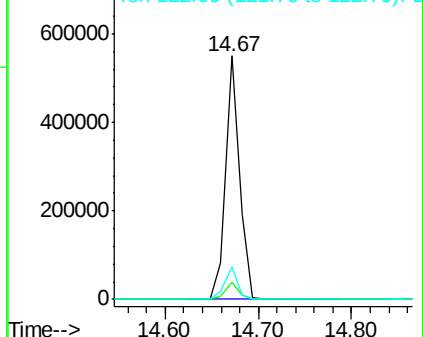
122 13.2 6.2 9.4#



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: 17.80 min Scan# 1480

Delta R.T. -0.30 min

Lab File: BF077985.D

Acq: 26 Mar 2015 8:55

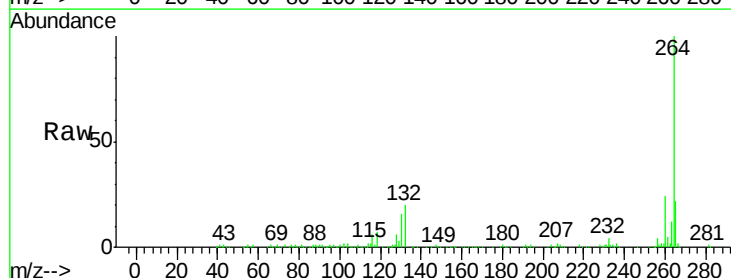
Tgt Ion:264 Resp: 201473

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.8 17.3 25.9



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

