

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079068.D
 Acq On : 9 May 2015 7:36
 Operator : TP/IZ
 Sample : G2152-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-12-7.5

Quant Time: May 11 00:59:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 00:37:37 2015
 Response via : Initial Calibration

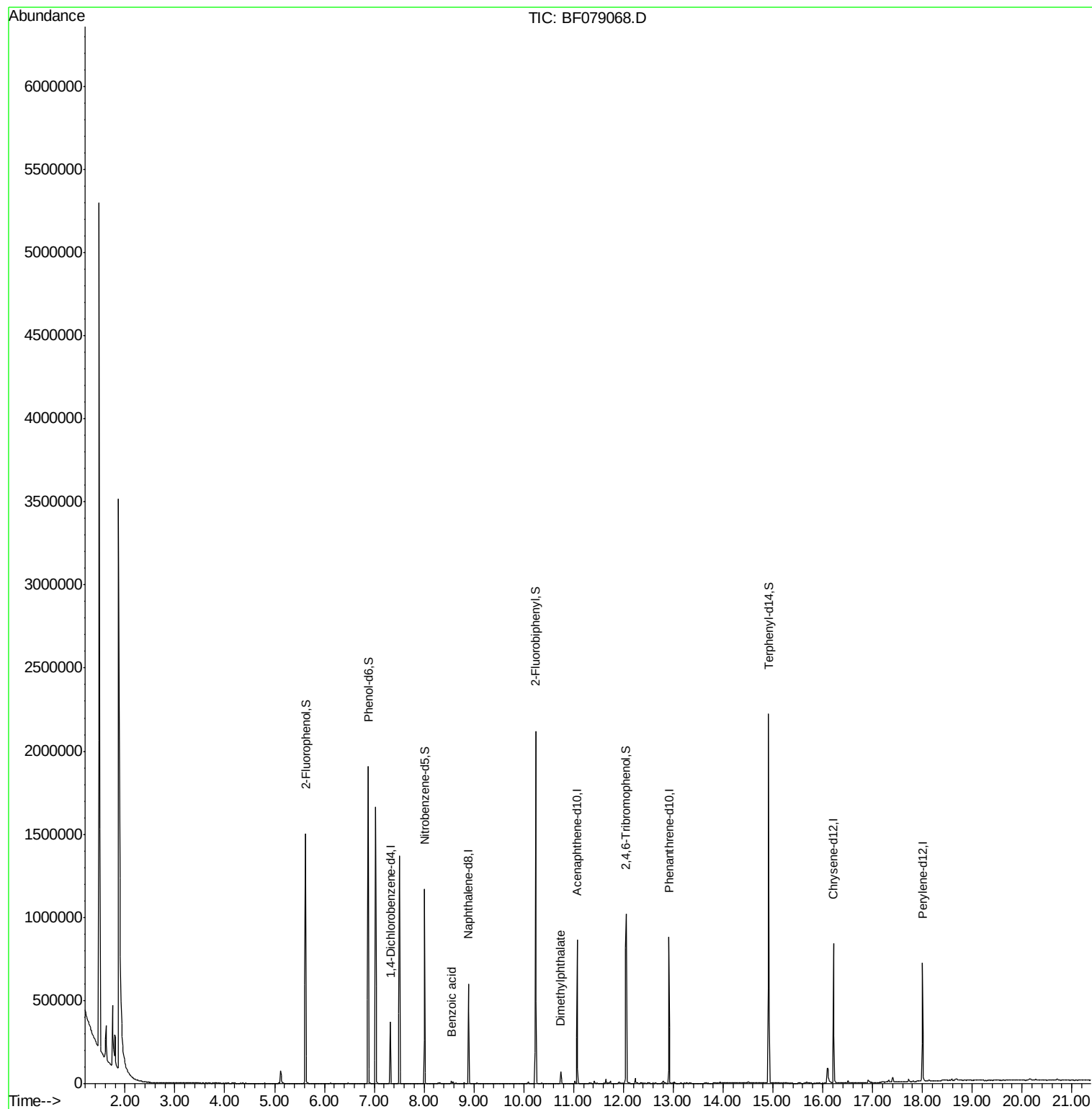
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	85679	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	362595	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	183477	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	354918	20.00	ng	0.00
75) Chrysene-d12	16.22	240	330348	20.00	ng	0.00
86) Perylene-d12	18.00	264	325352	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	462855	92.99	ng	0.00
7) Phenol-d6	6.88	99	647721	98.45	ng	0.00
23) Nitrobenzene-d5	8.01	82	355673	56.37	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	175693	88.52	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	662172	50.28	ng	0.00
78) Terphenyl-d14	14.91	244	764059	55.37	ng	0.00
Target Compounds						
32) Benzoic acid	8.55	122	4508	7.52	ng	94
49) Dimethylphthalate	10.74	163	30554	2.27	ng	97

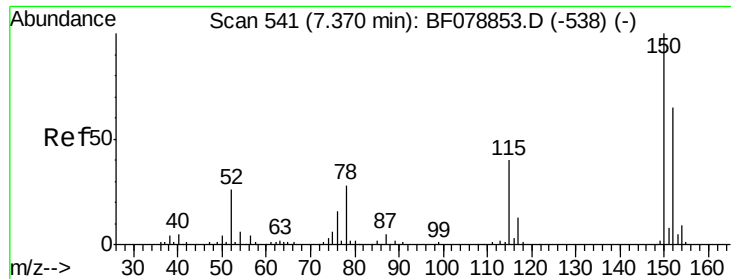
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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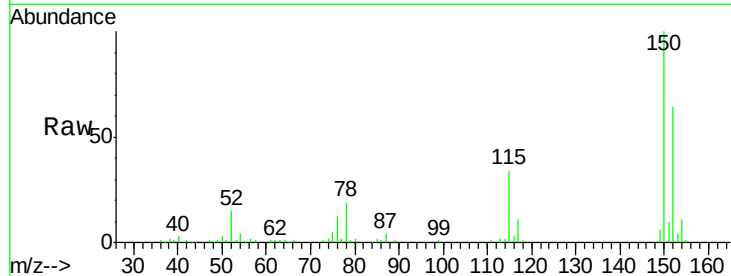


#1

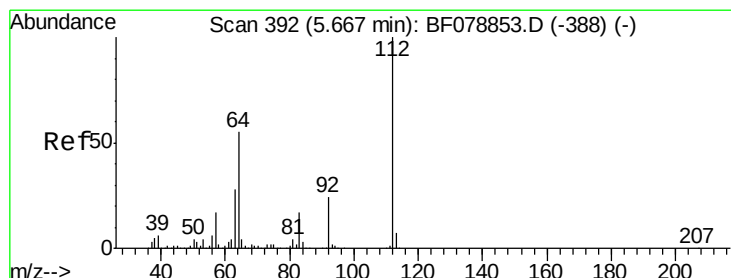
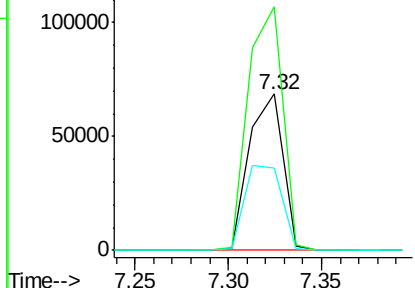
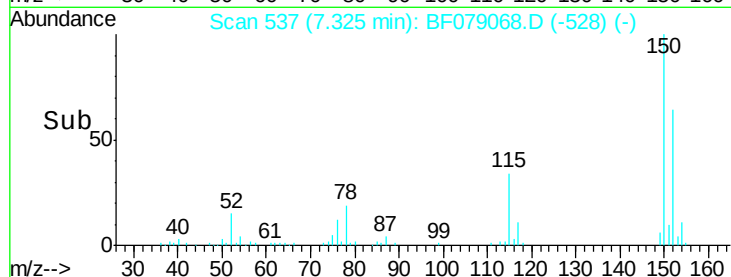
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079068.D
Acq: 9 May 2015 7:36

Instrument :
BNA_F
ClientSampleId :
TU021-SB-12-7.5

Tot Ion:152 Resp: 85679
Ion Ratio Lower Upper
152 100
150 155.9 122.0 183.0
115 53.1 46.3 69.5



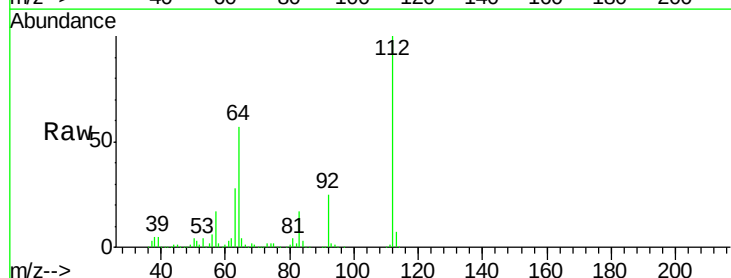
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



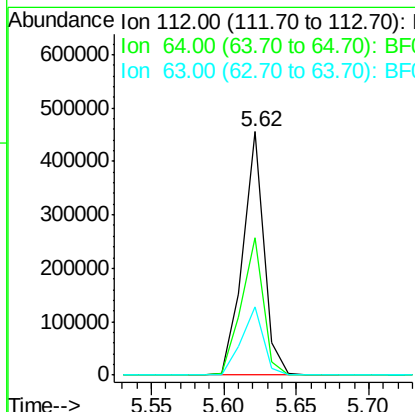
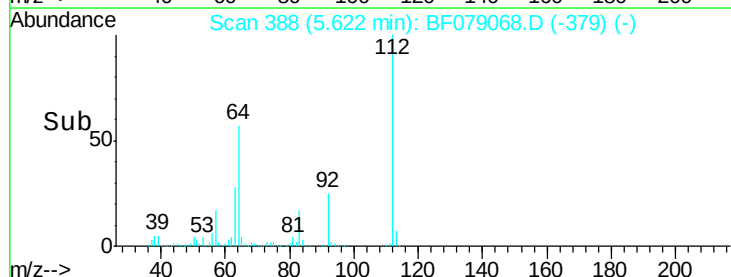
#5

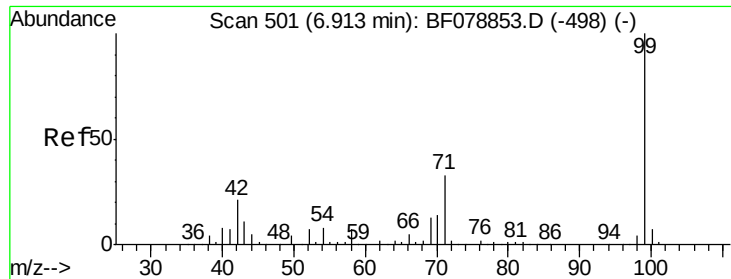
2-Fluorophenol
Concen: 92.99 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079068.D
Acq: 9 May 2015 7:36

Tgt Ion:112 Resp: 462855
Ion Ratio Lower Upper
112 100
64 56.6 53.5 80.3
63 27.9 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: 98.45 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079068.D

Acq: 9 May 2015 7:36

Instrument :

BNA_F

ClientSampleId :

TU021-SB-12-7.5

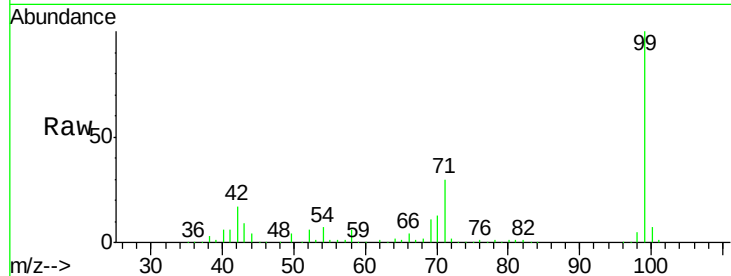
Tot Ion: 99 Resp: 647721

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

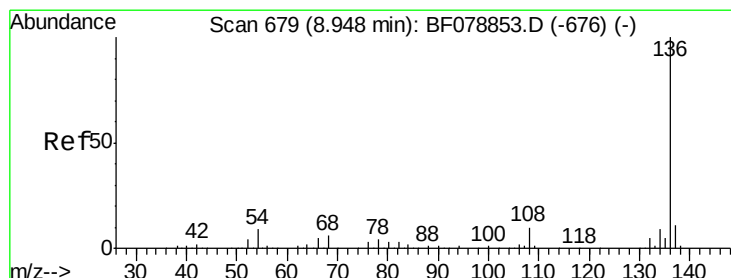
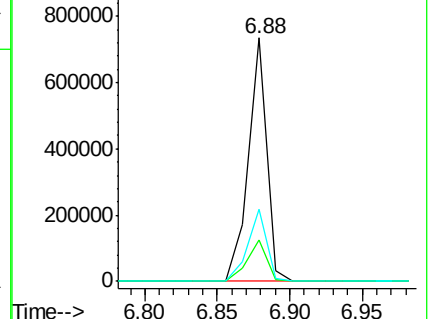
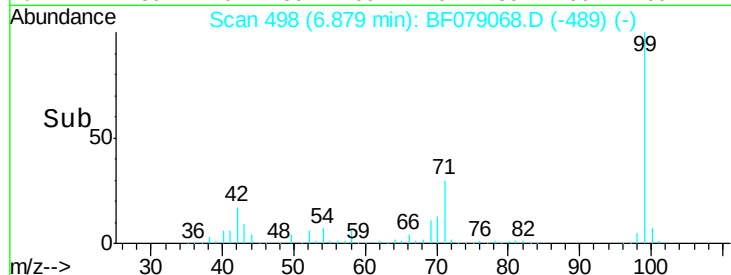
71 29.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079068.D

Acq: 9 May 2015 7:36

Tgt Ion: 136 Resp: 362595

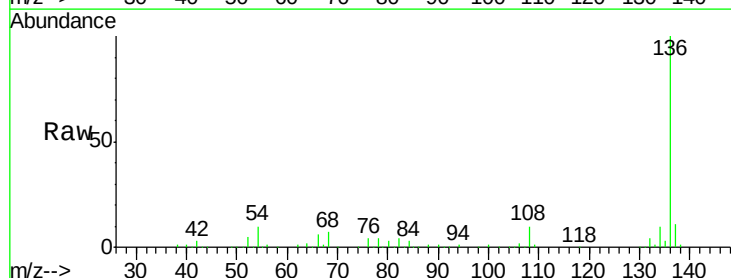
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.6 5.8 8.8#

68 7.4 4.2 6.4#

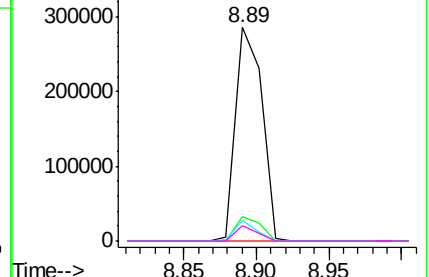
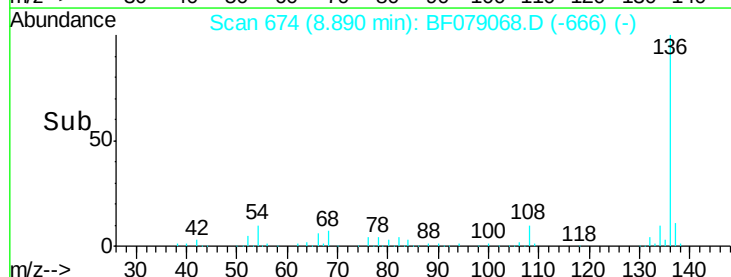


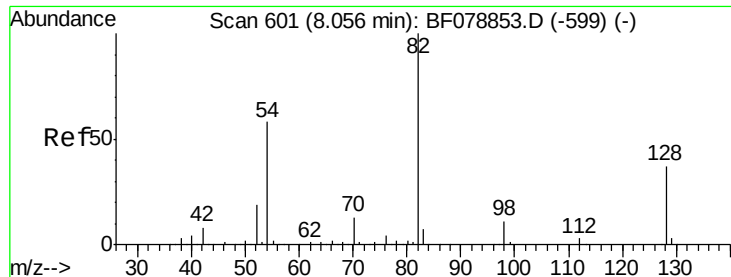
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

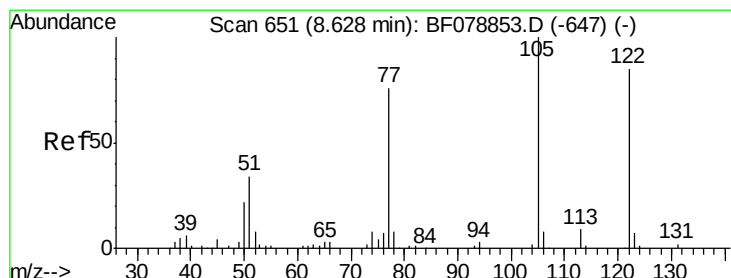
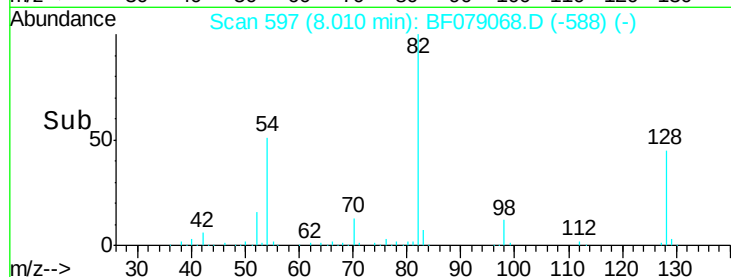
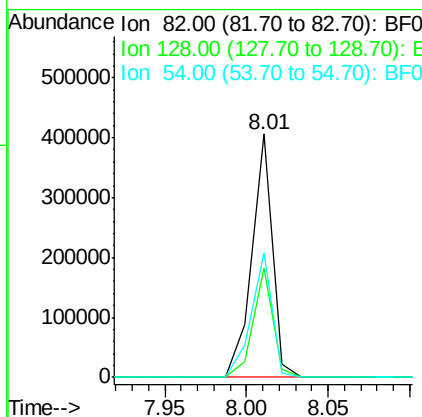
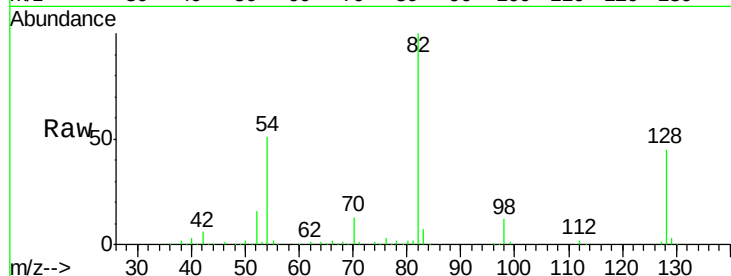




#23
 Nitrobenzene-d5
 Concen: 56.37 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079068.D
 Acq: 9 May 2015 7:36

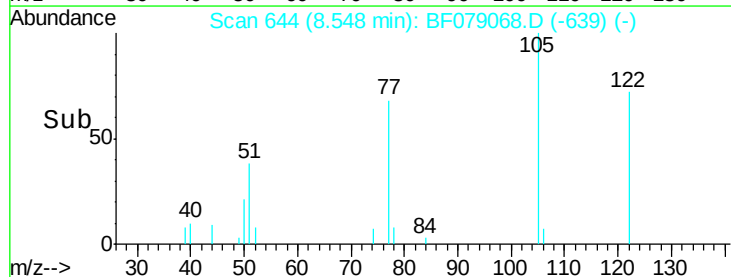
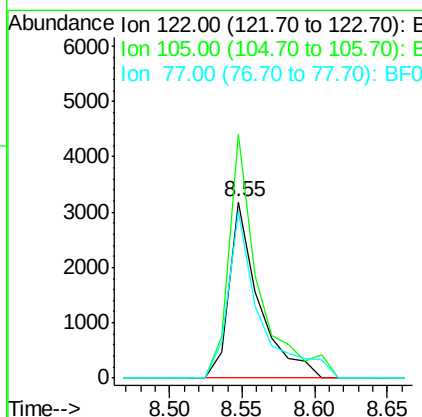
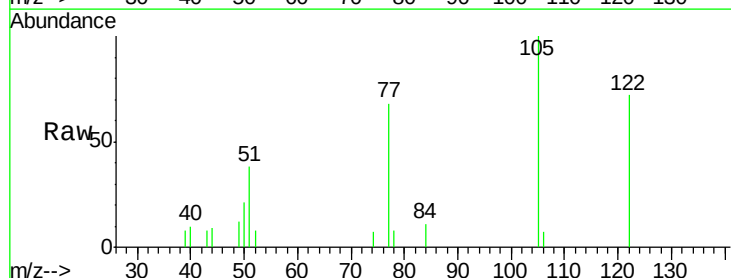
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-12-7.5

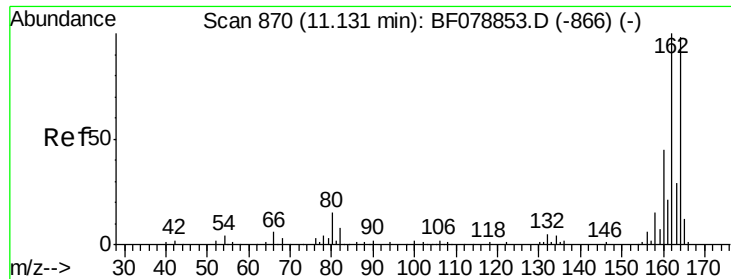
Tot Ion: 82 Resp: 355673
 Ion Ratio Lower Upper
 82 100
 128 44.7 30.0 45.0
 54 51.3 46.4 69.6



#32
 Benzoic acid
 Concen: 7.52 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF079068.D
 Acq: 9 May 2015 7:36

Tgt Ion: 122 Resp: 4508
 Ion Ratio Lower Upper
 122 100
 105 138.4 107.1 147.1
 77 94.6 73.9 113.9

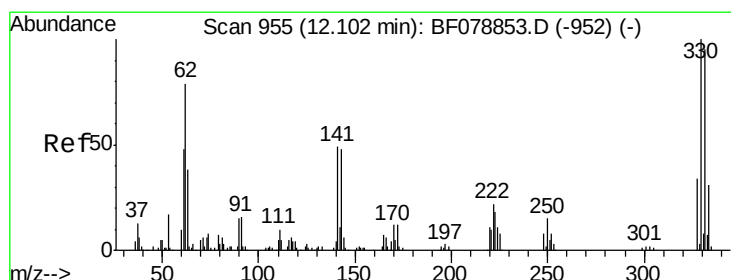
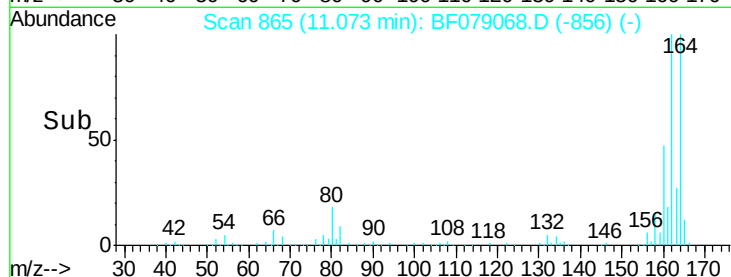
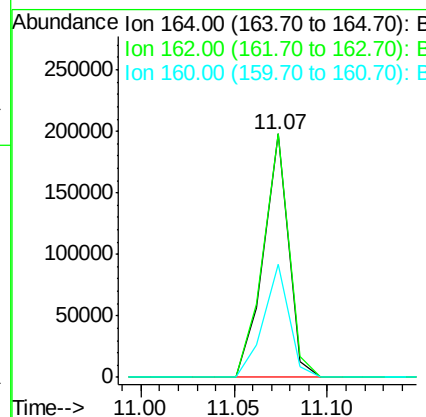
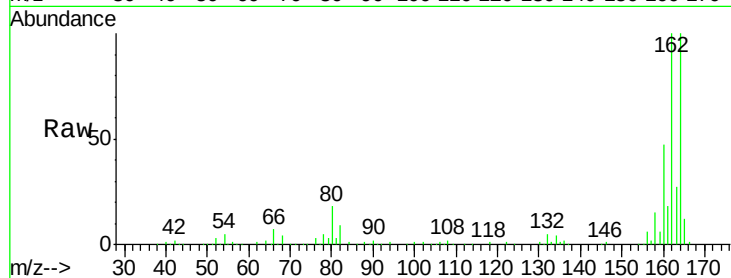




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079068.D
 Acq: 9 May 2015 7:36

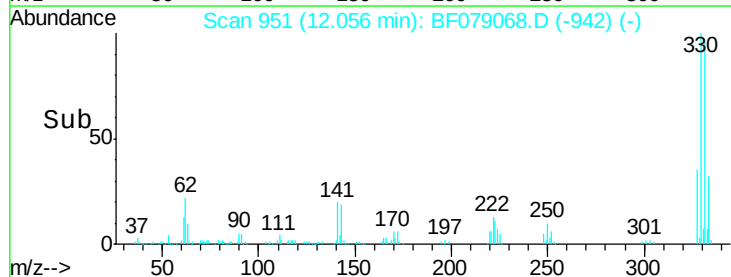
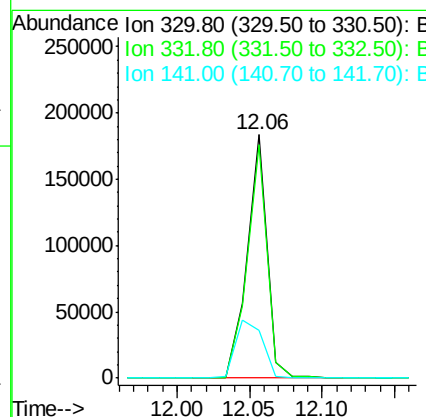
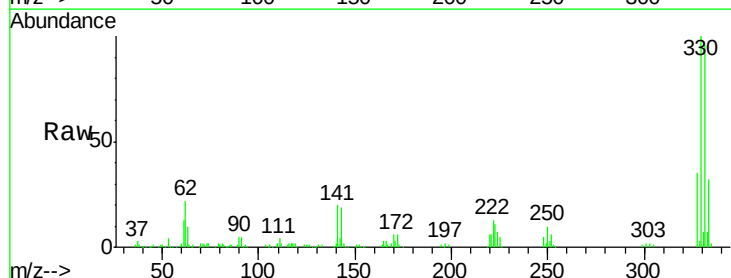
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-12-7.5

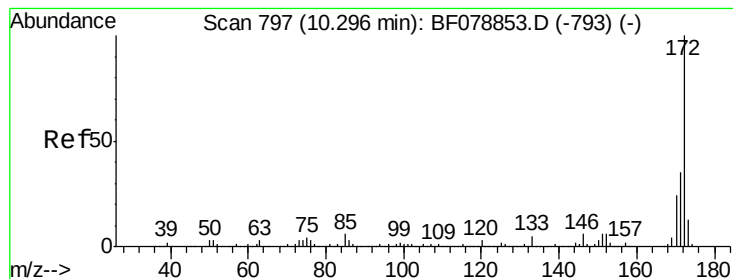
Tot Ion:164 Resp: 183477
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.7 124.1
 160 46.6 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 88.52 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079068.D
 Acq: 9 May 2015 7:36

Tgt Ion:330 Resp: 175693
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 32.7 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: 50.28 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF079068.D

Acq: 9 May 2015 7:36

Instrument :

BNA_F

ClientSampleId :

TU021-SB-12-7.5

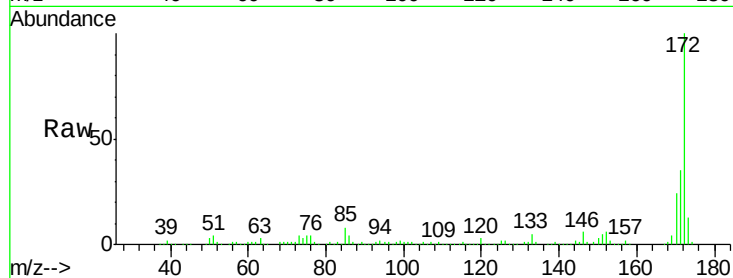
Tot Ion:172 Resp: 662172

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

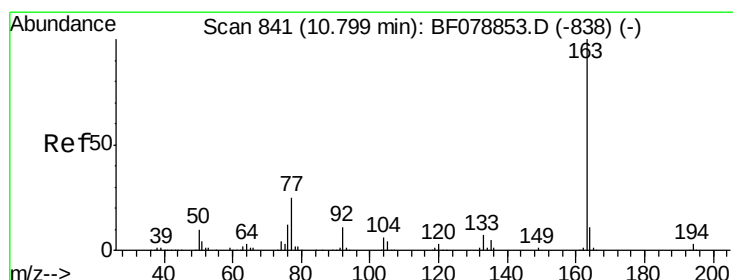
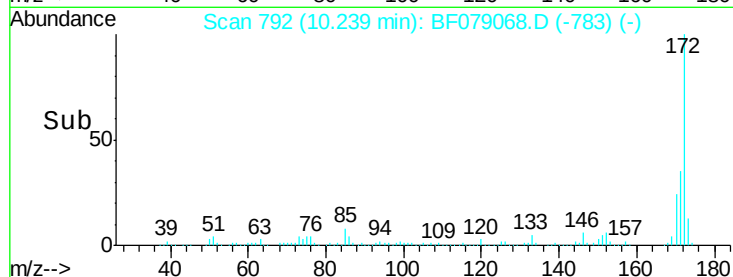
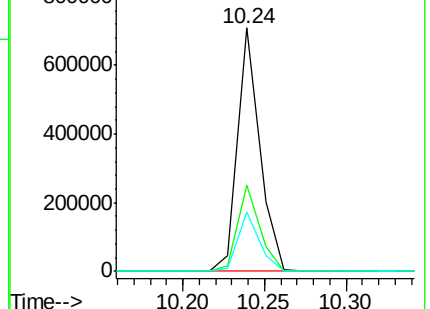
170 24.2 19.4 29.0



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: 2.27 ng

RT: 10.74 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF079068.D

Acq: 9 May 2015 7:36

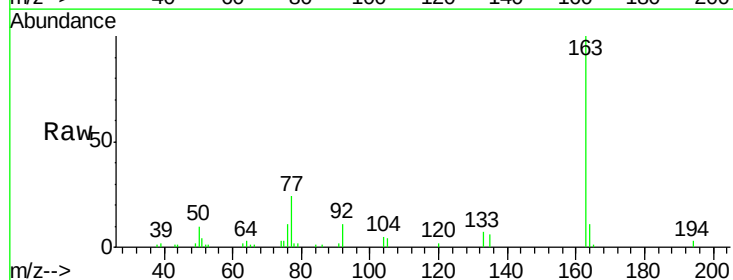
Tgt Ion:163 Resp: 30554

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

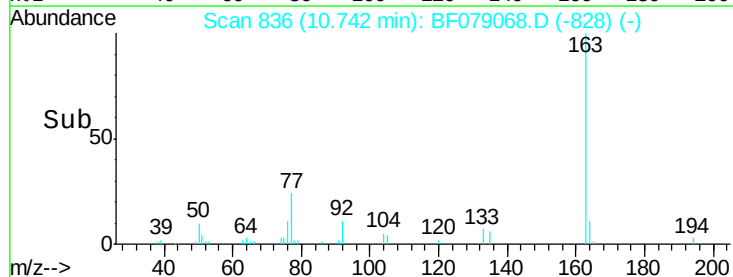
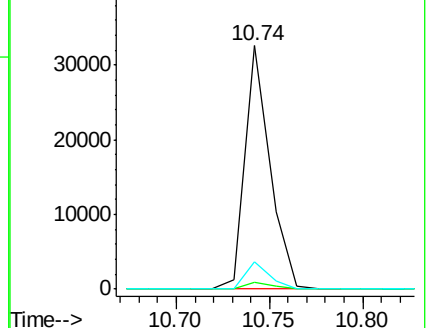
164 11.4 8.1 12.1

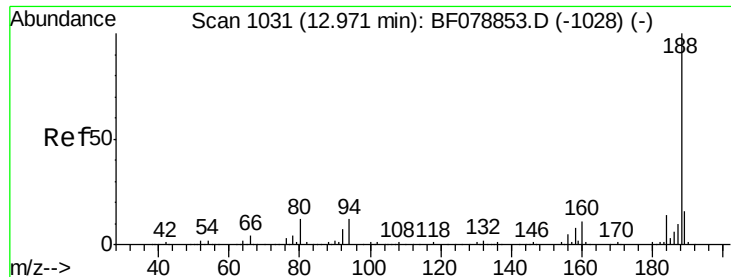


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

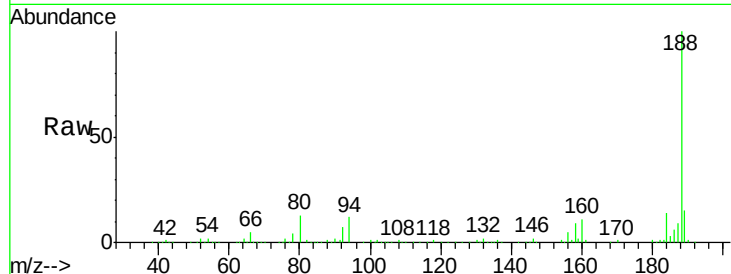




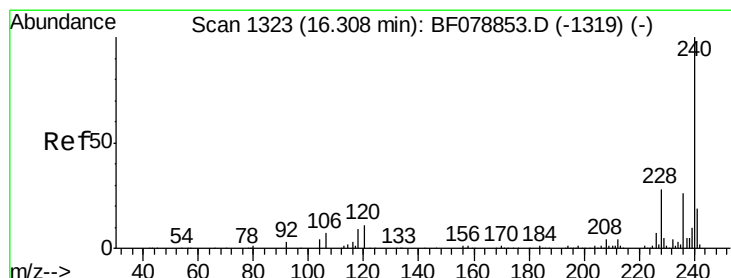
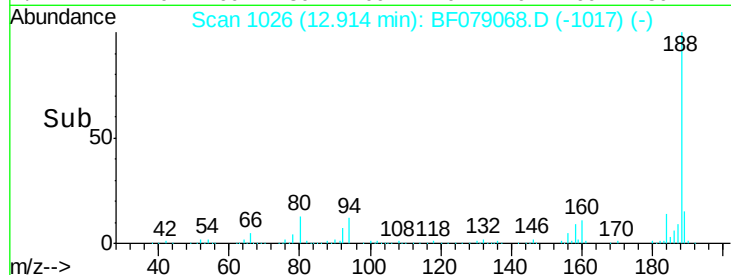
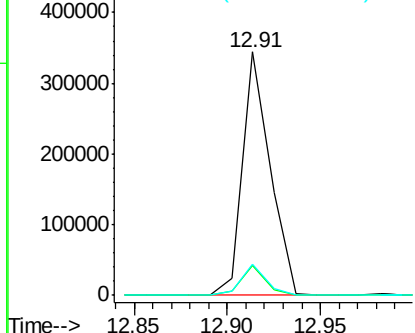
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079068.D
Acq: 9 May 2015 7:36

Instrument :
BNA_F
ClientSampleId :
TU021-SB-12-7.5

Tot Ion:188 Resp: 354918
Ion Ratio Lower Upper
188 100
94 12.4 8.2 12.2#
80 12.7 8.9 13.3

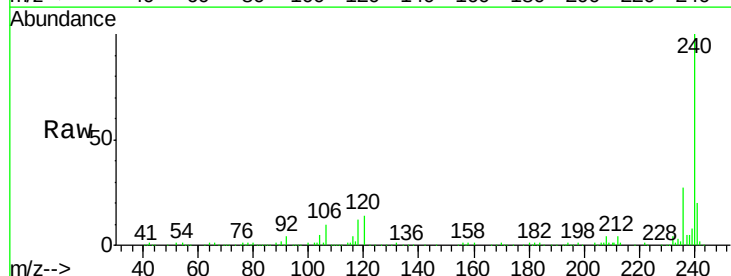


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

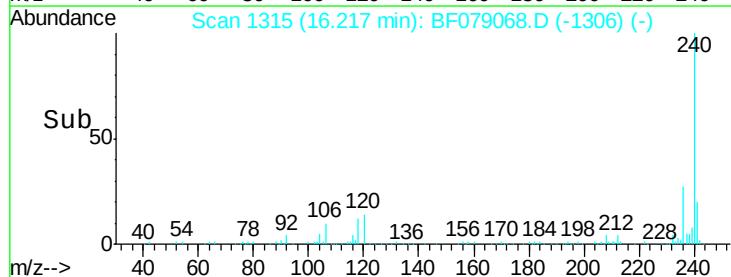
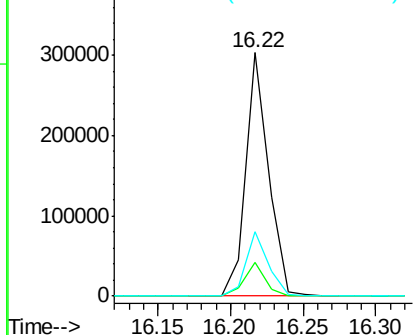


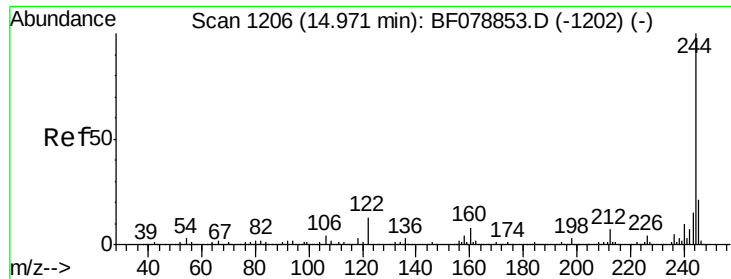
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF079068.D
Acq: 9 May 2015 7:36

Tgt Ion:240 Resp: 330348
Ion Ratio Lower Upper
240 100
120 13.9 9.7 14.5
236 26.6 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

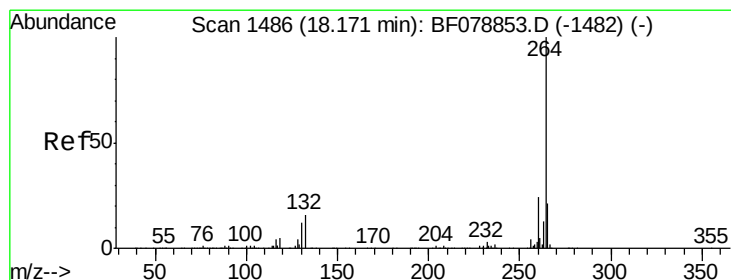
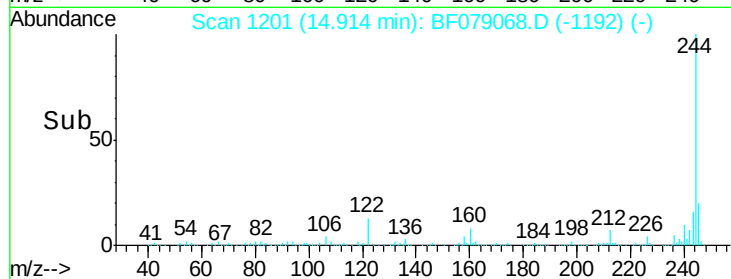
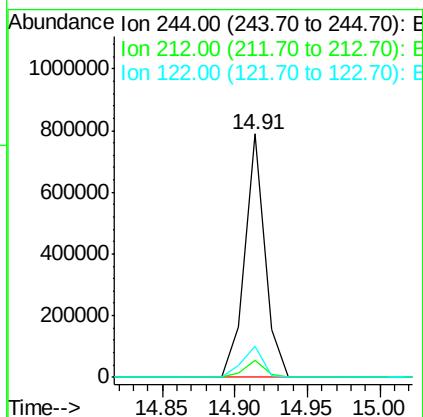
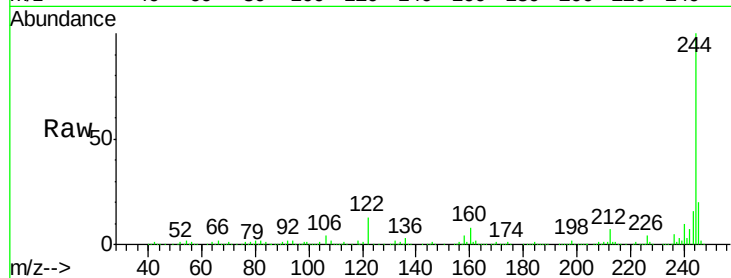




#78
 Terphenyl-d14
 Concen: 55.37 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079068.D
 Acq: 9 May 2015 7:36

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-12-7.5

Tot Ion:244 Resp: 764059
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1471
 Delta R.T. 0.07 min
 Lab File: BF079068.D
 Acq: 9 May 2015 7:36

Tgt Ion:264 Resp: 325352
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.2 18.3 27.5

