

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078826.D
 Acq On : 29 Apr 2015 21:20
 Operator : TP/IZ
 Sample : G2027-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-G1-G2-G3-G4

Quant Time: Apr 30 02:01:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

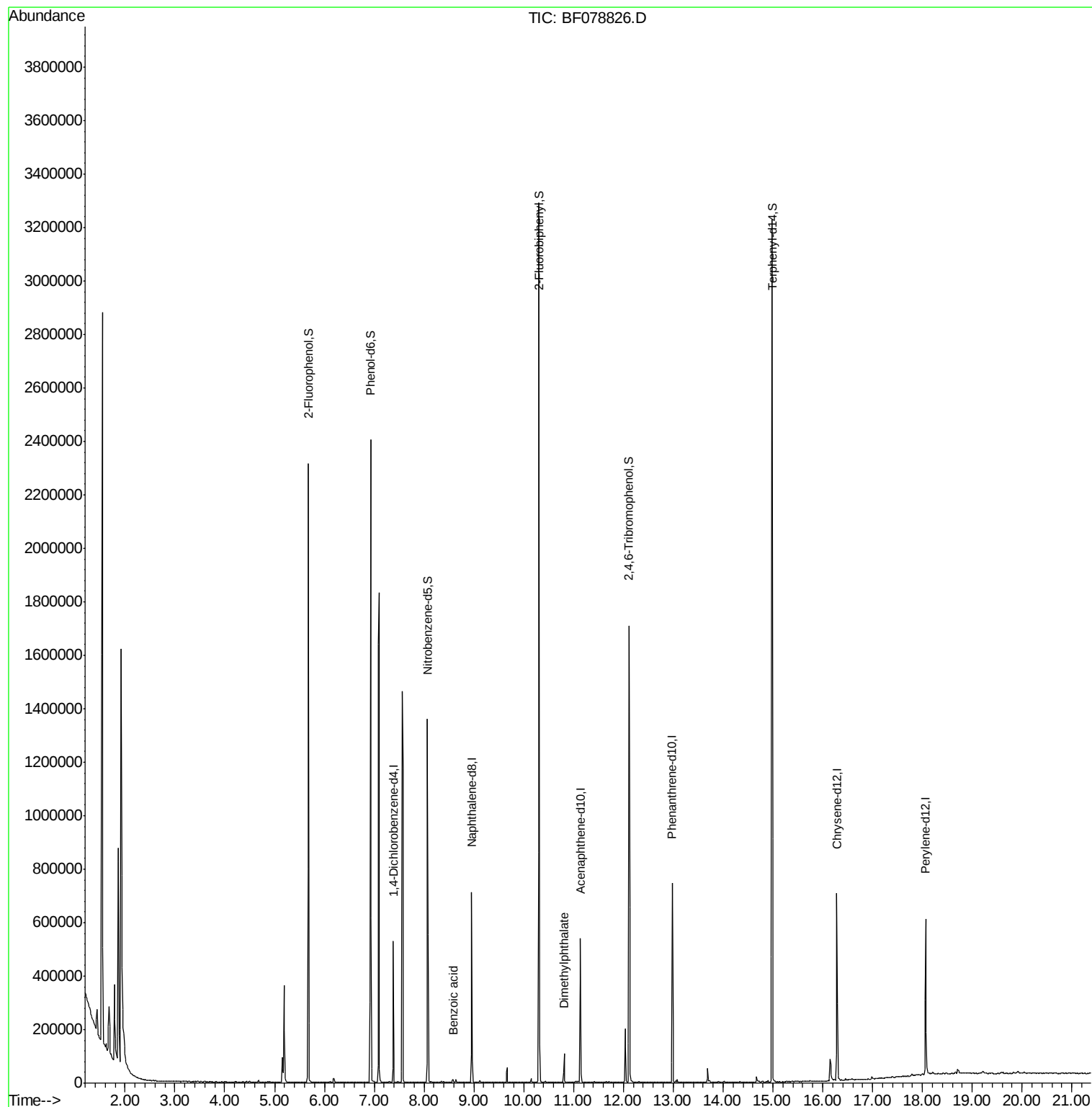
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	74509	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	300317	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	139159	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	275606	20.00	ng	0.00
75) Chrysene-d12	16.29	240	281792	20.00	ng	-0.01
86) Perylene-d12	18.07	264	282112	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	654816	161.42	ng	0.00
7) Phenol-d6	6.92	99	803825	148.36	ng	0.00
23) Nitrobenzene-d5	8.07	82	454708	109.01	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	220263	158.02	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	991991	97.62	ng	0.00
78) Terphenyl-d14	14.98	244	1086513	91.82	ng	0.00
Target Compounds						
32) Benzoic acid	8.58	122	2777	2.19	ng	91
49) Dimethylphthalate	10.81	163	45770	4.63	ng	99

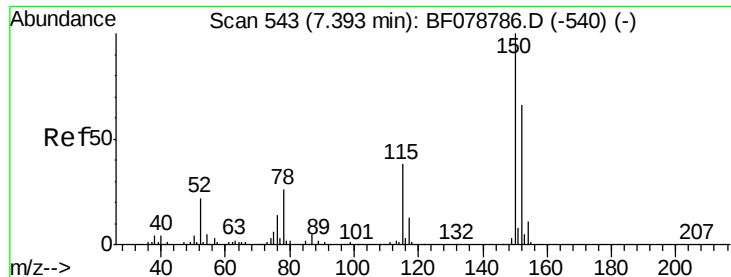
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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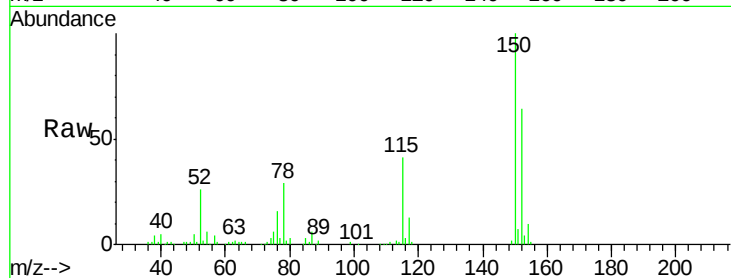


#1

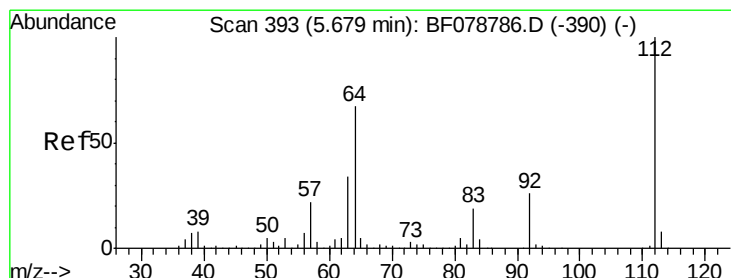
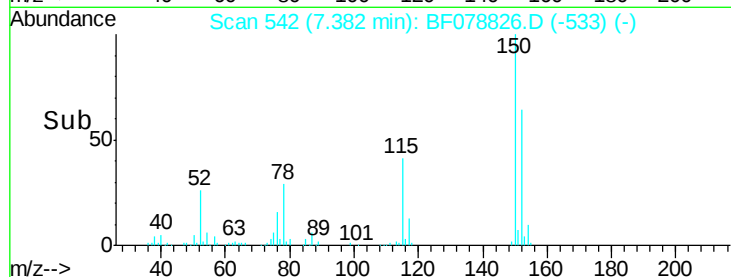
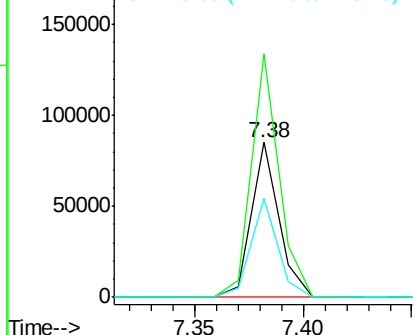
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078826.D
Acq: 29 Apr 2015 21:20

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-G1-G2-G3-G4

Tot Ion:152 Resp: 74509
Ion Ratio Lower Upper
152 100
150 157.2 122.0 183.0
115 64.0 46.3 69.5



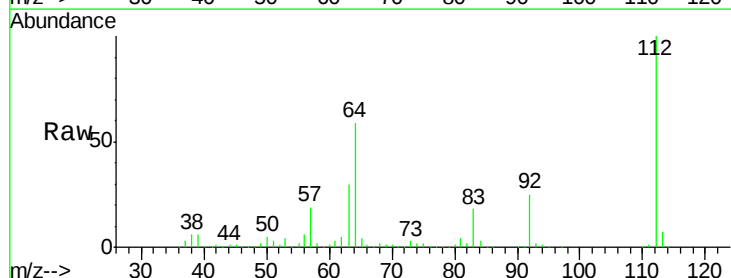
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



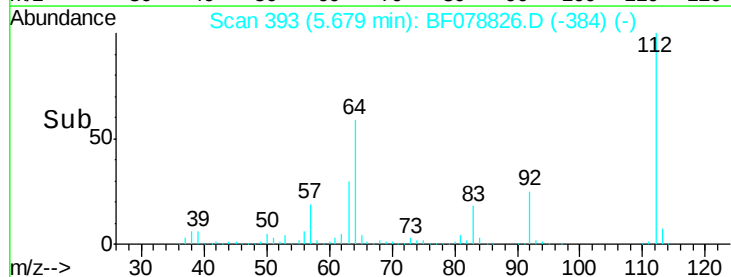
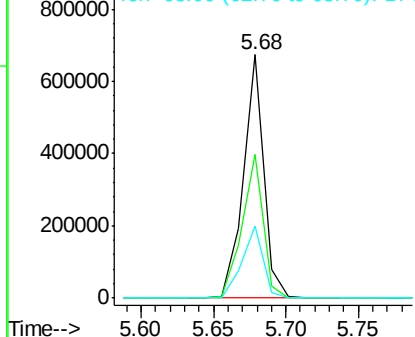
#5

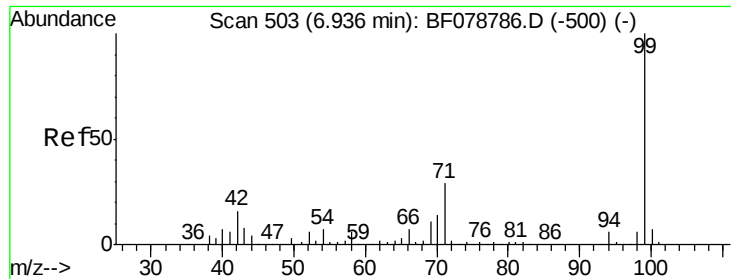
2-Fluorophenol
Concen: 161.42 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF078826.D
Acq: 29 Apr 2015 21:20

Tgt Ion:112 Resp: 654816
Ion Ratio Lower Upper
112 100
64 59.1 53.5 80.3
63 29.8 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: 148.36 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

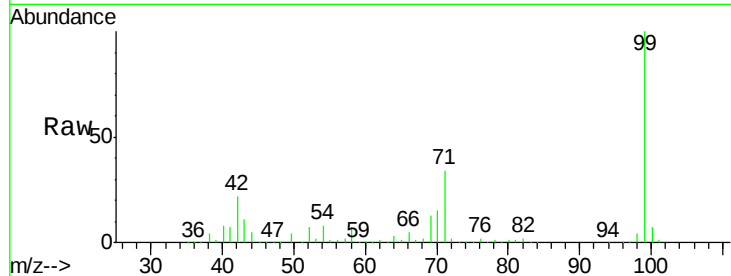
Tot Ion: 99 Resp: 803825

Ion Ratio Lower Upper

99 100

42 21.6 12.8 19.2#

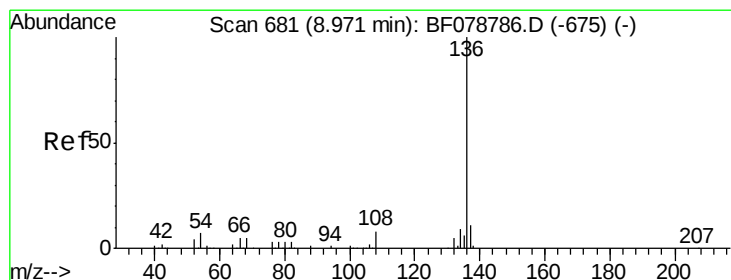
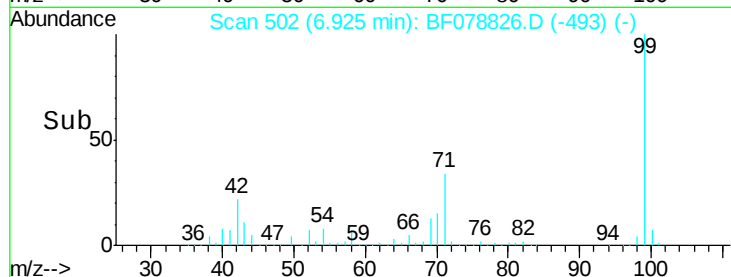
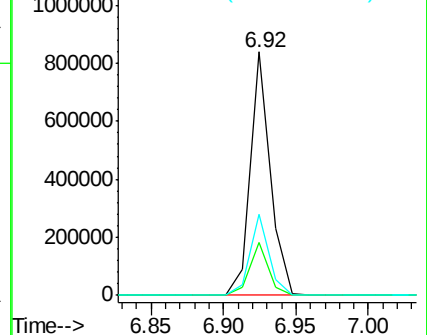
71 33.5 23.4 35.2



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: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Tgt Ion: 136 Resp: 300317

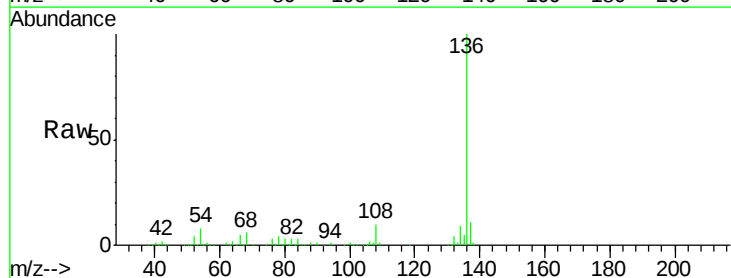
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.9 5.8 8.8

68 6.2 4.2 6.4

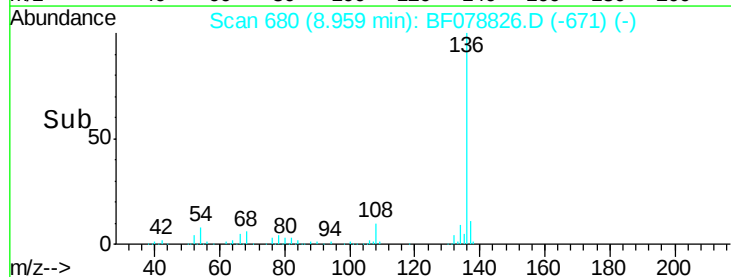
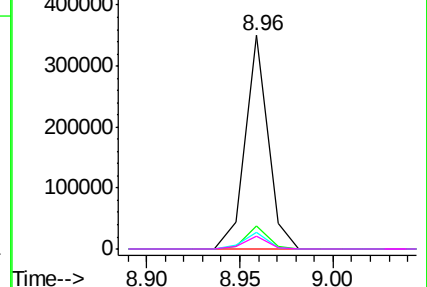


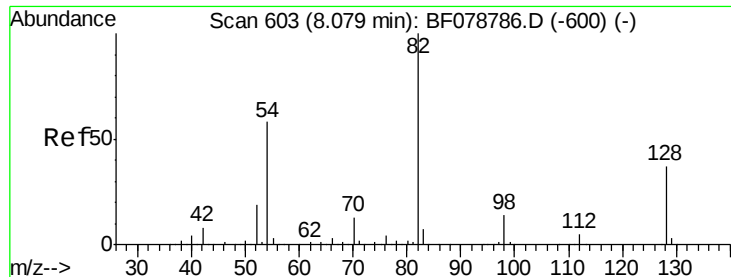
Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.01 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

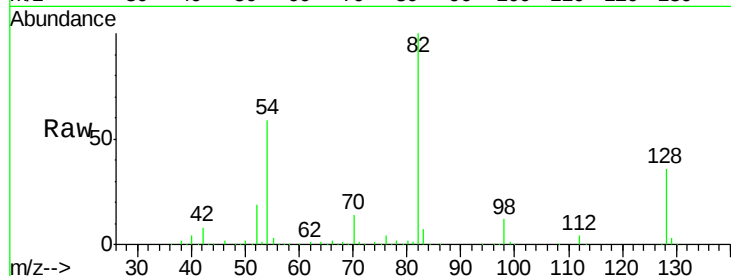
Tot Ion: 82 Resp: 454708

Ion Ratio Lower Upper

82 100

128 35.9 30.0 45.0

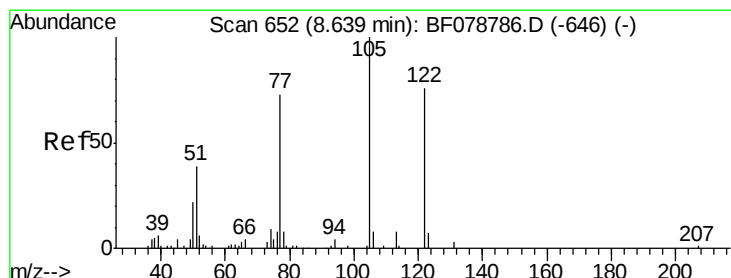
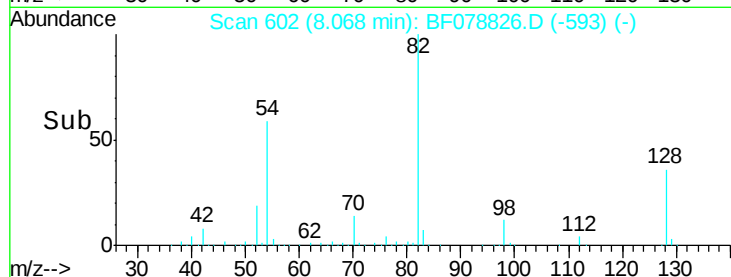
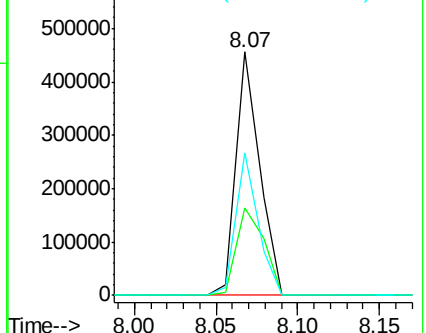
54 58.6 46.4 69.6



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



#32

Benzoic acid

Concen: 2.19 ng

RT: 8.58 min Scan# 647

Delta R.T. -0.05 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

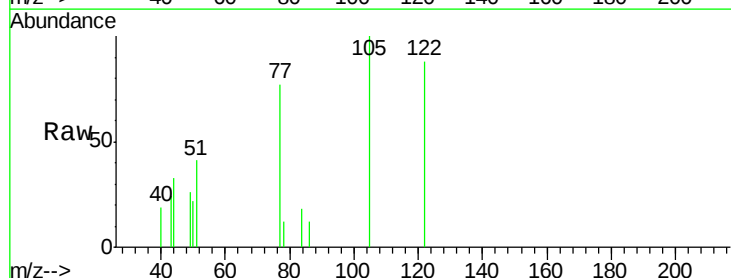
Tgt Ion:122 Resp: 2777

Ion Ratio Lower Upper

122 100

105 113.8 107.1 147.1

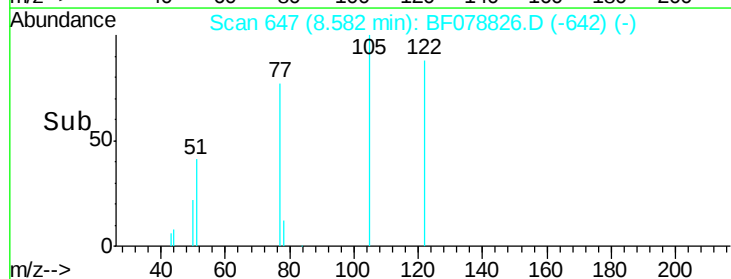
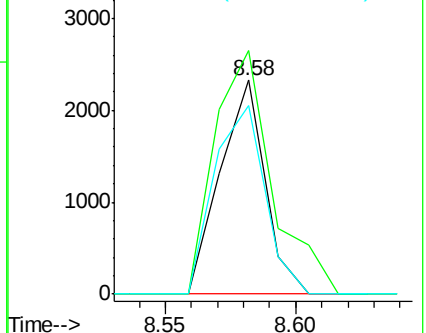
77 88.1 73.9 113.9

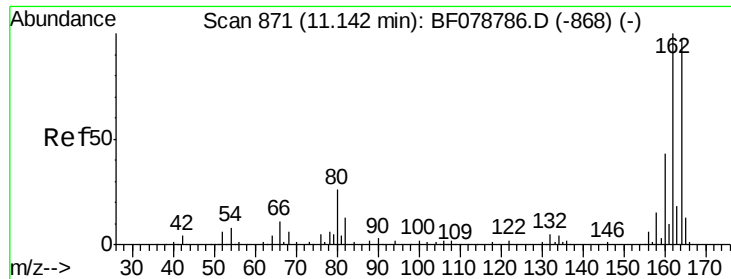


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

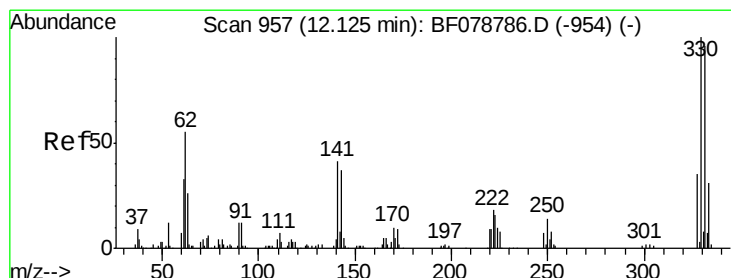
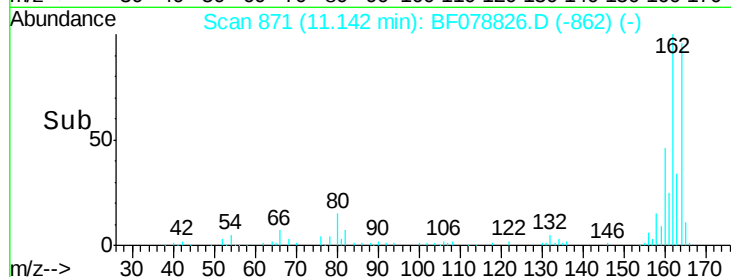
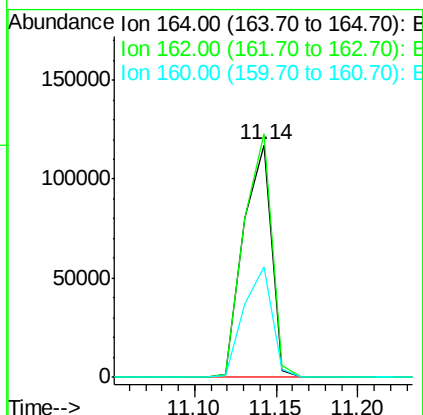
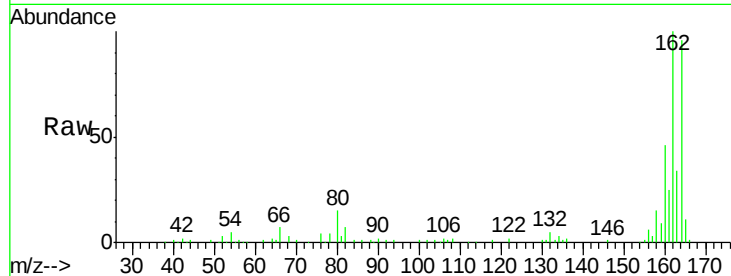




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078826.D
 Acq: 29 Apr 2015 21:20

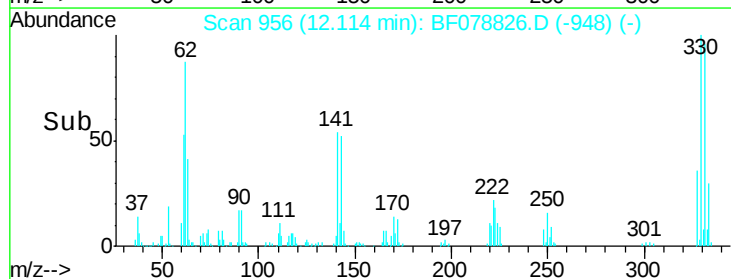
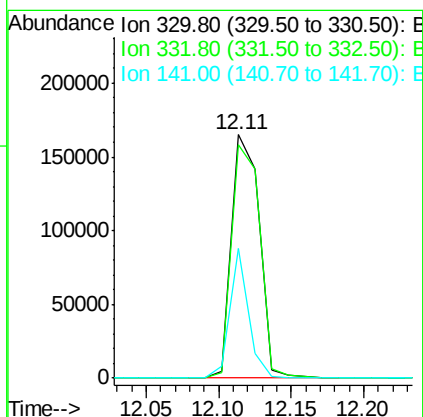
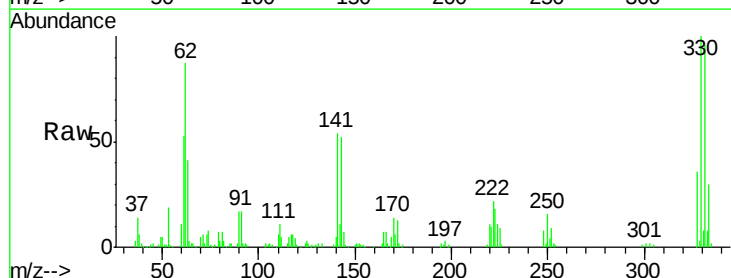
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-G1-G2-G3-G4

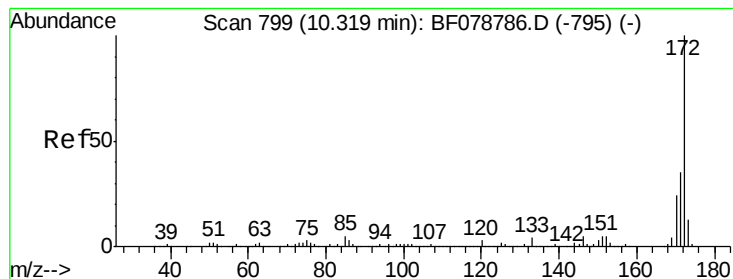
Tot Ion:164 Resp: 139159
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.7 124.1
 160 47.8 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 158.02 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078826.D
 Acq: 29 Apr 2015 21:20

Tgt Ion:330 Resp: 220263
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 35.9 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: 97.62 ng

RT: 10.31 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Instrument :

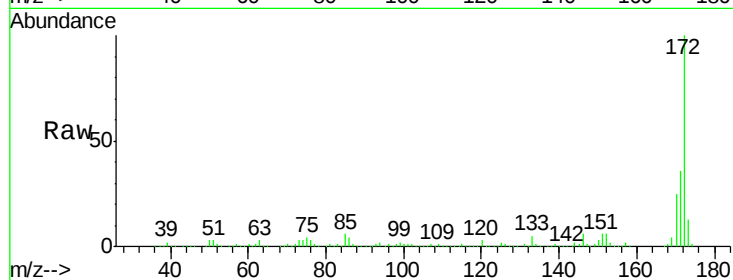
BNA_F

ClientSampleId :

FK-BPM-02-G1-G2-G3-G4

Tot Ion:172 Resp: 991991

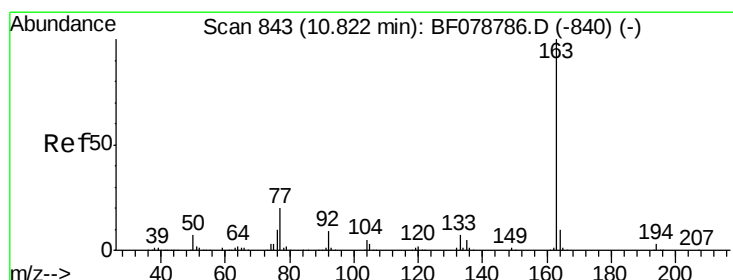
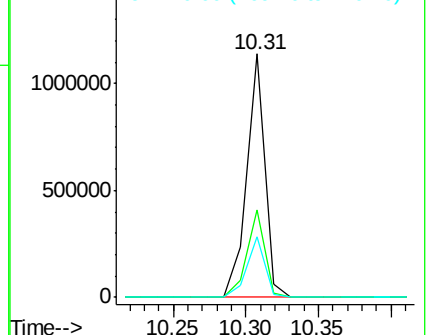
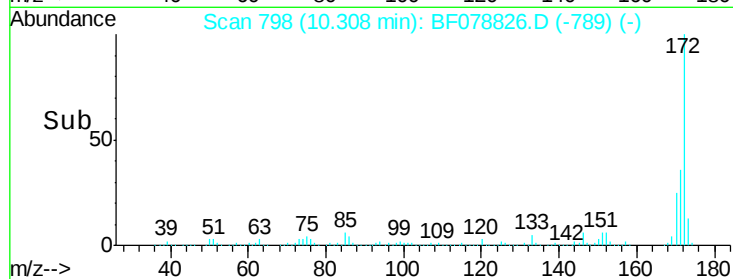
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.7	19.4	29.0



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: 4.63 ng

RT: 10.81 min Scan# 842

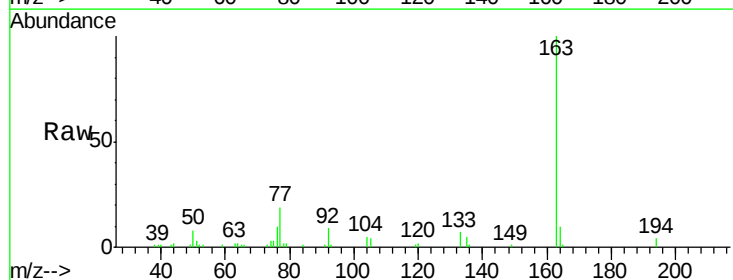
Delta R.T. 0.00 min

Lab File: BF078826.D

Acq: 29 Apr 2015 21:20

Tgt Ion:163 Resp: 45770

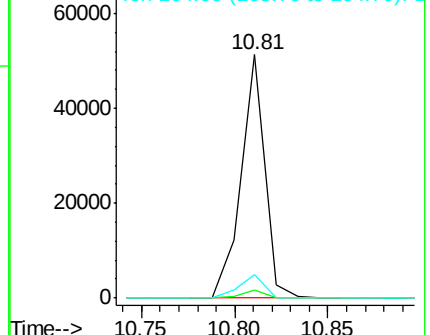
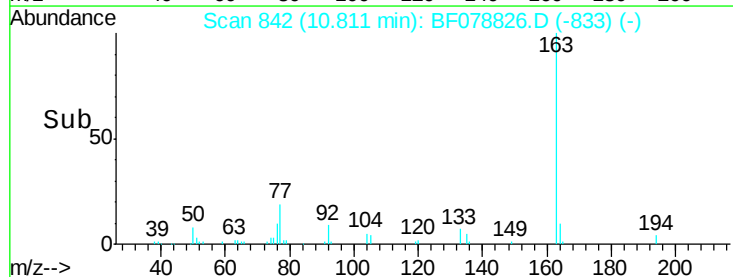
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.1	12.1

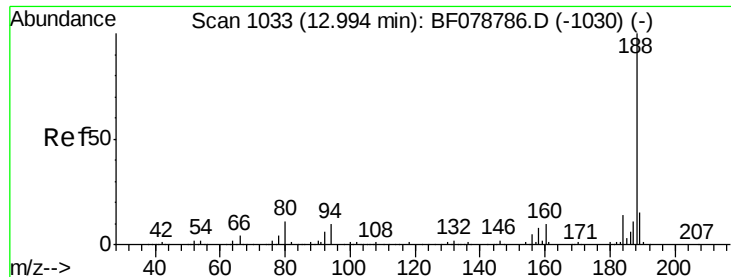


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

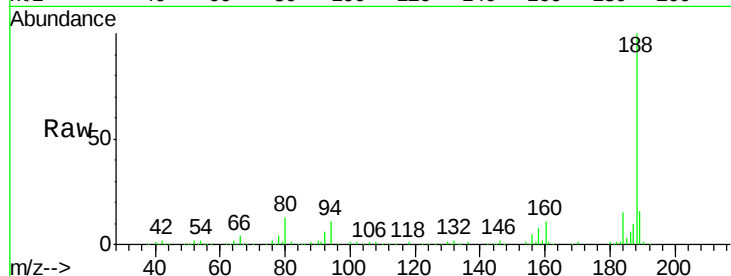




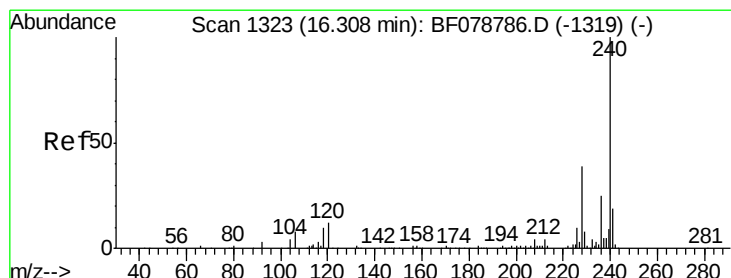
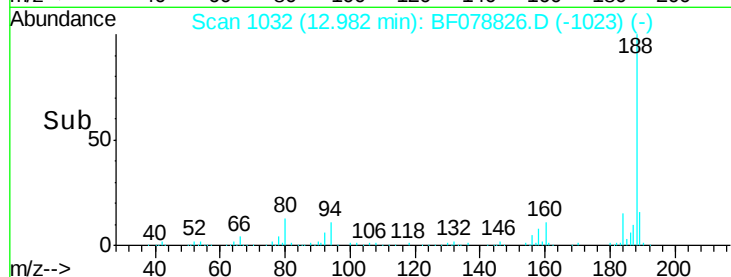
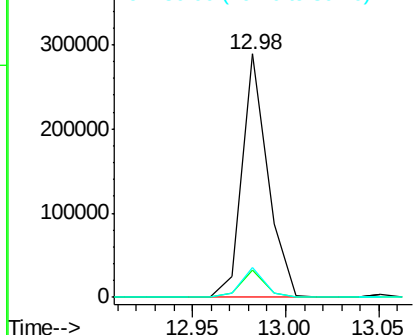
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078826.D
Acq: 29 Apr 2015 21:20

Instrument :
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FK-BPM-02-G1-G2-G3-G4

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.2
80	12.5	8.9	13.3

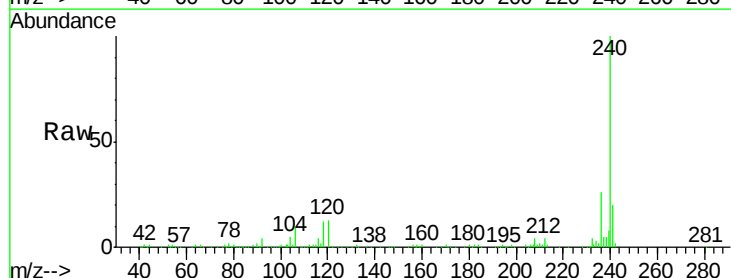


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

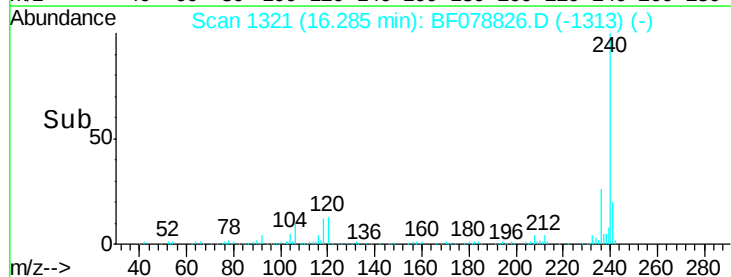
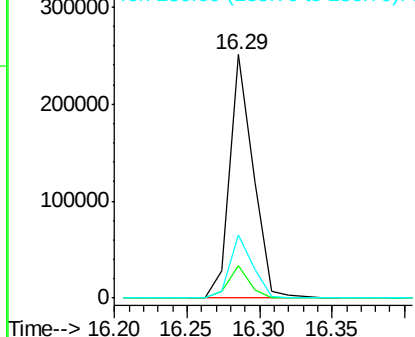


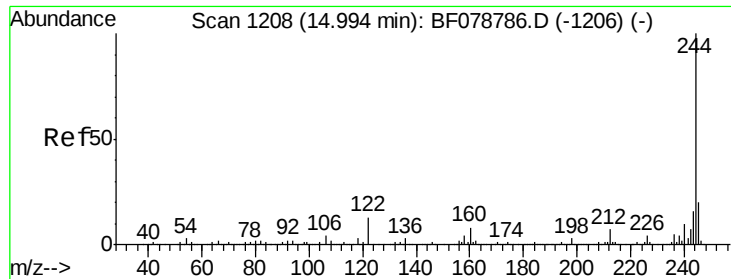
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078826.D
Acq: 29 Apr 2015 21:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.7	14.5
236	25.7	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

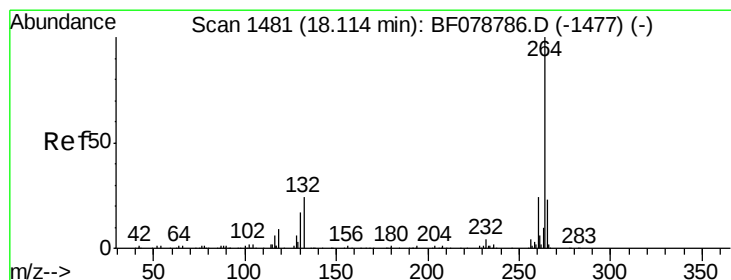
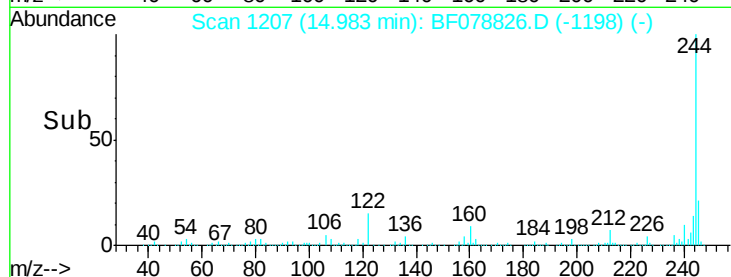
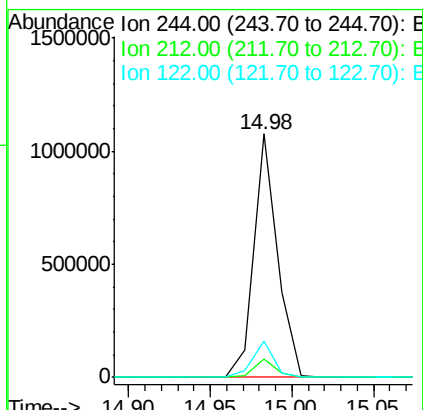
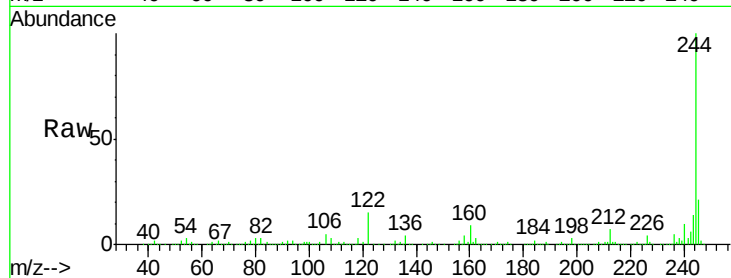




#78
 Terphenyl-d14
 Concen: 91.82 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF078826.D
 Acq: 29 Apr 2015 21:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-G1-G2-G3-G4

Tot Ion:244 Resp: 1086513
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF078826.D
 Acq: 29 Apr 2015 21:20

Tgt Ion:264 Resp: 282112
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.3 18.3 27.5

