

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083295.D
 Acq On : 26 Nov 2015 1:44
 Operator : UM/IZ
 Sample : G4426-03RE 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3RE

Quant Time: Nov 26 03:24:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

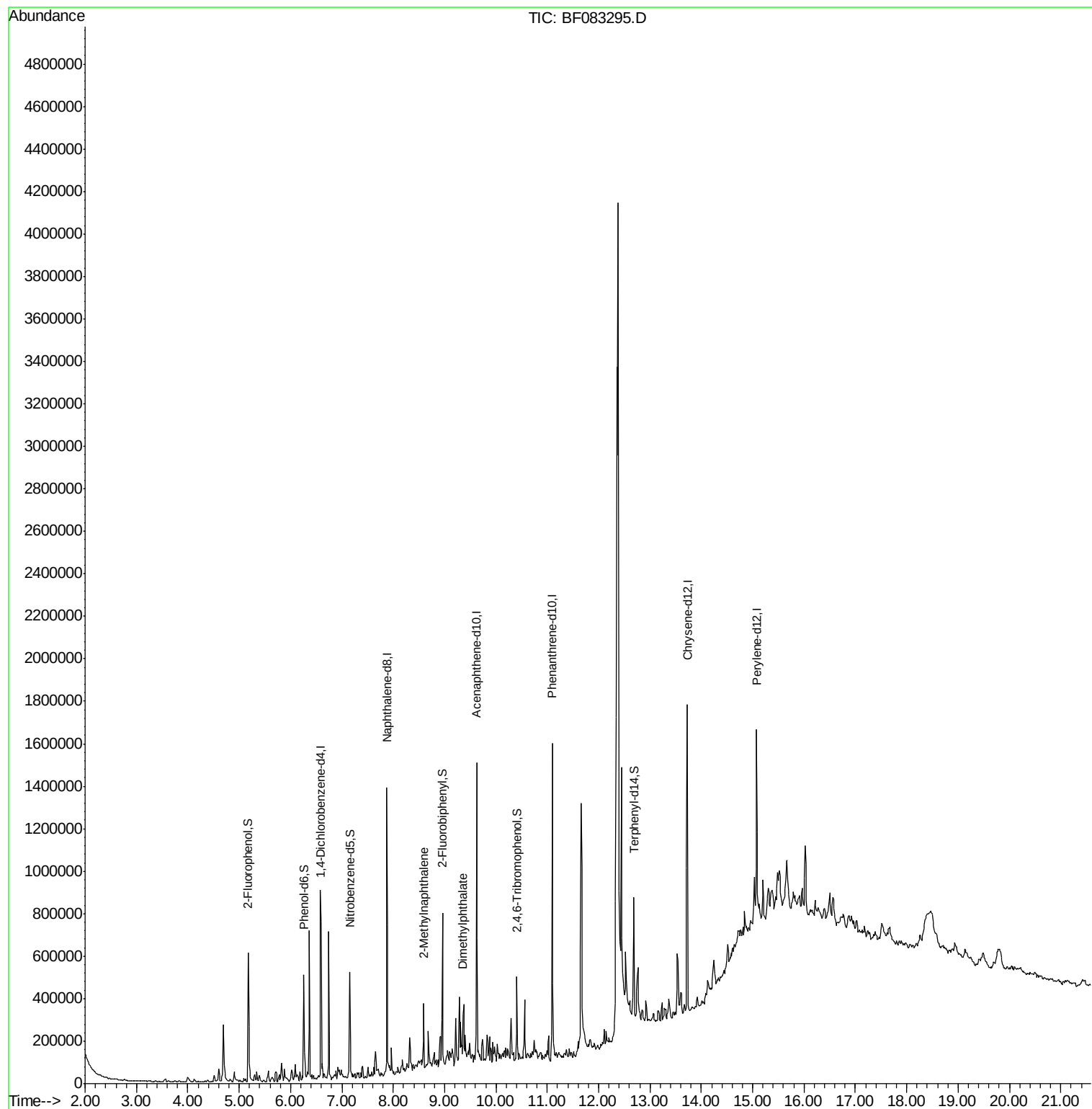
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	181310	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	647588	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	283426	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	524482	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	564680	20.00	ng	-0.08
86) Perylene-d12	15.07	264	385600	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	199409	16.63	ng	-0.10
7) Phenol-d6	6.26	99	258144	16.64	ng	-0.08
23) Nitrobenzene-d5	7.15	82	174645	12.32	ng	-0.08
41) 2,4,6-Tribromophenol	10.41	330	40005	13.80	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	222894	10.97	ng	-0.07
78) Terphenyl-d14	12.69	244	200182	8.35	ng	-0.08
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.59	142	77712	3.43	ng	96
49) Dimethylphthalate	9.36	163	67721	3.10	ng	99

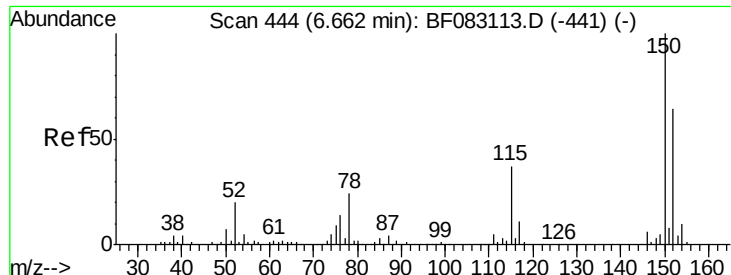
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083295.D

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BNA_F

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SB-3RE

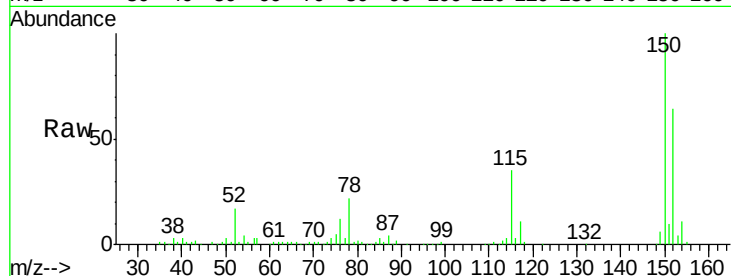
Tot Ion:152 Resp: 181310

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.8

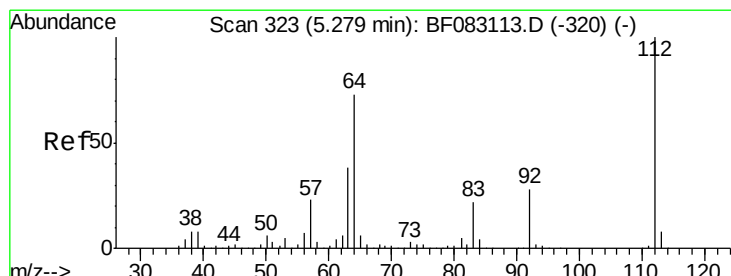
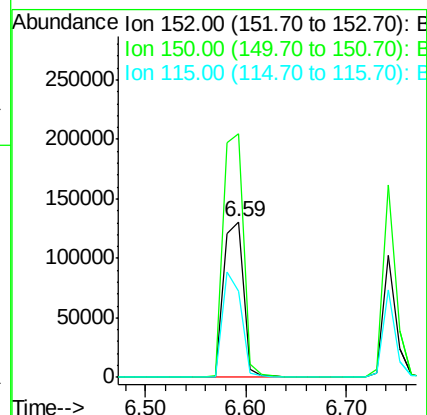
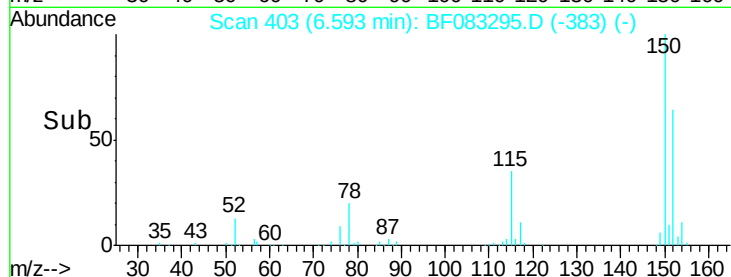
115 55.0 46.9 70.3



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: 16.63 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.10 min

Lab File: BF083295.D

Acq: 26 Nov 2015 1:44

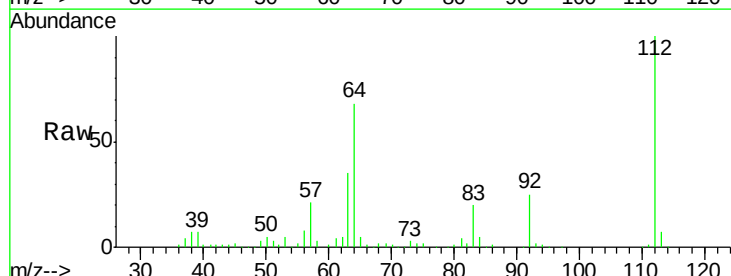
Tgt Ion:112 Resp: 199409

Ion Ratio Lower Upper

112 100

64 68.4 58.4 87.6

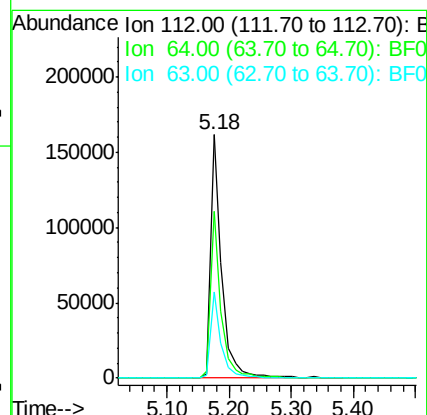
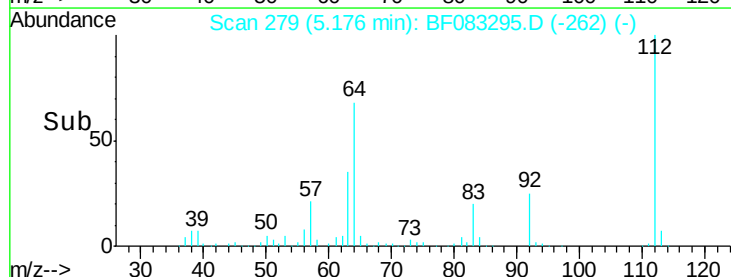
63 35.5 30.0 45.0

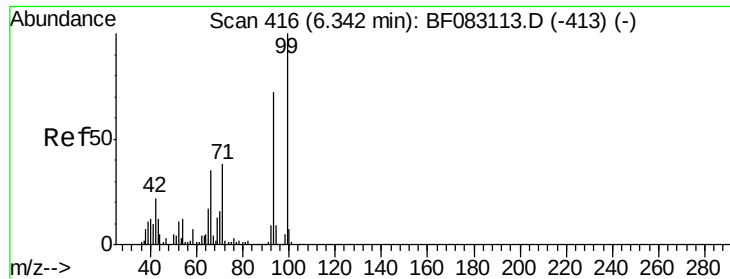


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 16.64 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083295.D

Acq: 26 Nov 2015 1:44

Instrument :

BNA_F

ClientSampleId :

SB-3RE

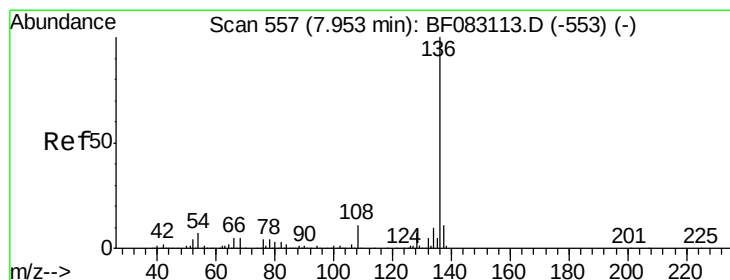
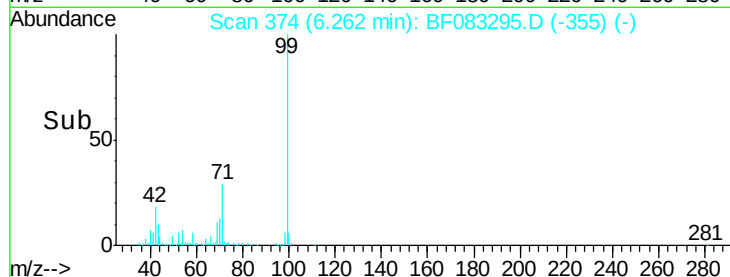
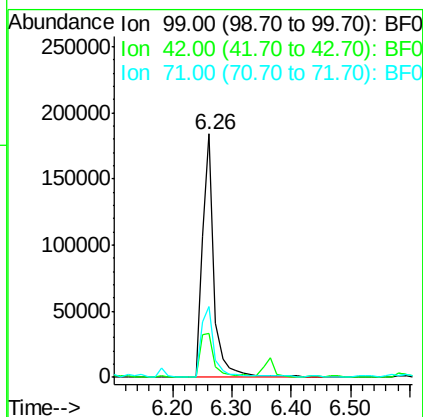
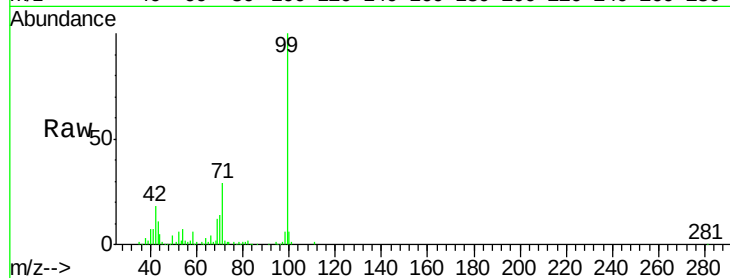
Tot Ion: 99 Resp: 258144

Ion Ratio Lower Upper

99 100

42 18.0 17.7 26.5

71 28.9 30.2 45.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083295.D

Acq: 26 Nov 2015 1:44

Tgt Ion: 136 Resp: 647588

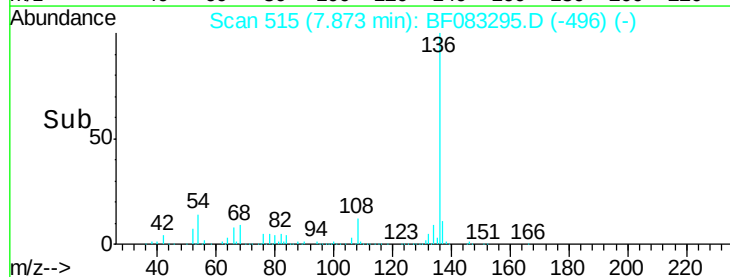
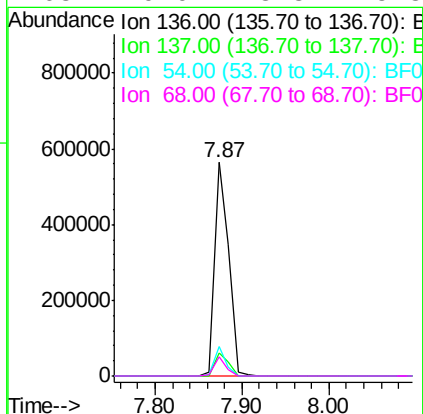
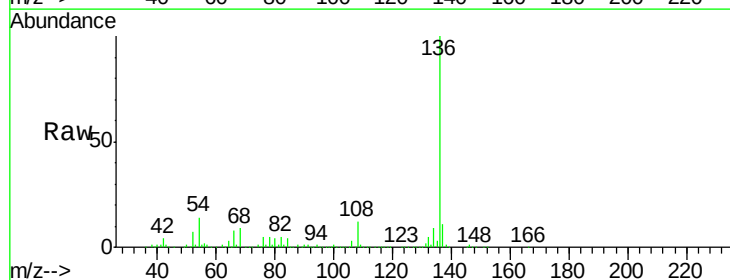
Ion Ratio Lower Upper

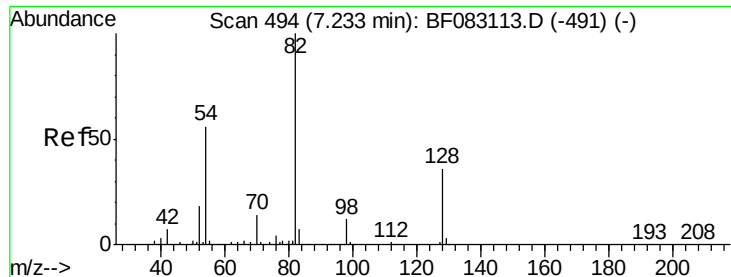
136 100

137 11.1 8.7 13.1

54 13.7 5.8 8.6#

68 9.0 3.8 5.8#

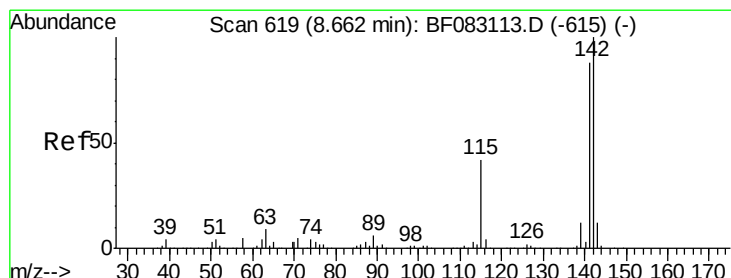
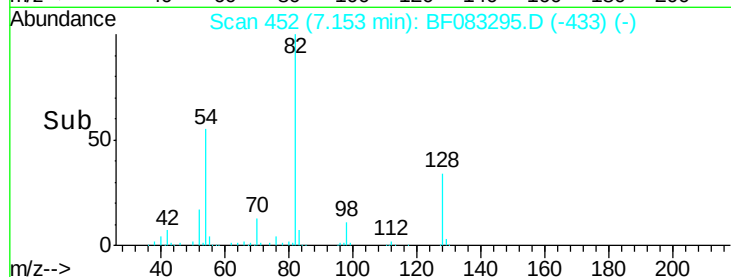
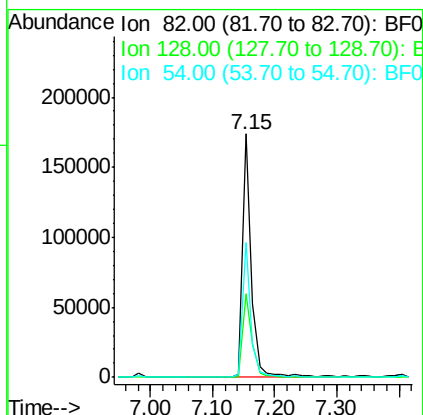
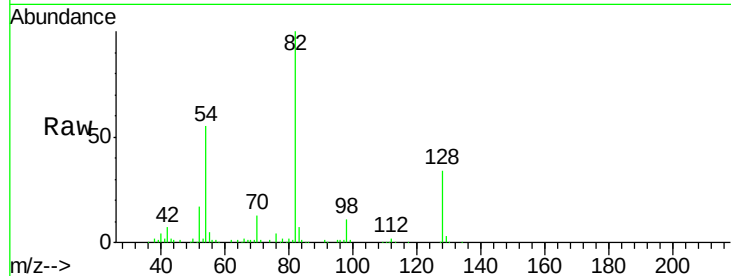




#23
Nitrobenzene-d5
Concen: 12.32 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.08 min
Lab File: BF083295.D
Acq: 26 Nov 2015 1:44

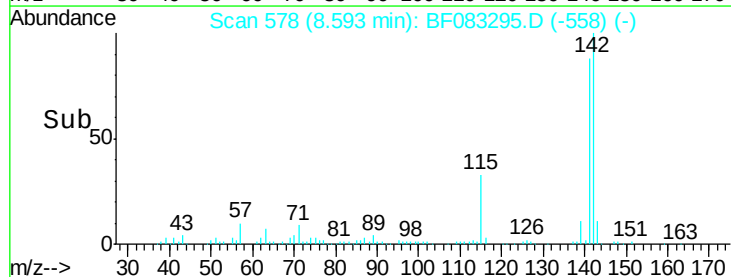
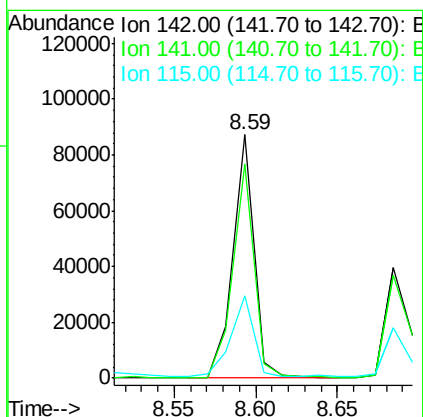
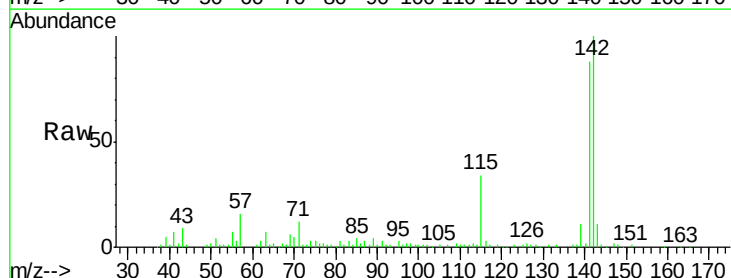
Instrument :
BNA_F
ClientSampleId :
SB-3RE

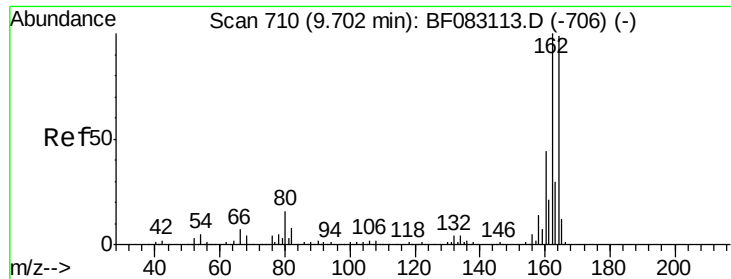
Tot Ion: 82 Resp: 174645
Ion Ratio Lower Upper
82 100
128 34.4 28.5 42.7
54 55.1 44.6 67.0



#37
2-Methylnaphthalene
Concen: 3.43 ng
RT: 8.59 min Scan# 578
Delta R.T. -0.07 min
Lab File: BF083295.D
Acq: 26 Nov 2015 1:44

Tgt Ion: 142 Resp: 77712
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
115 33.7 33.4 50.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083295.D

Acq: 26 Nov 2015 1:44

Instrument :

BNA_F

ClientSampleId :

SB-3RE

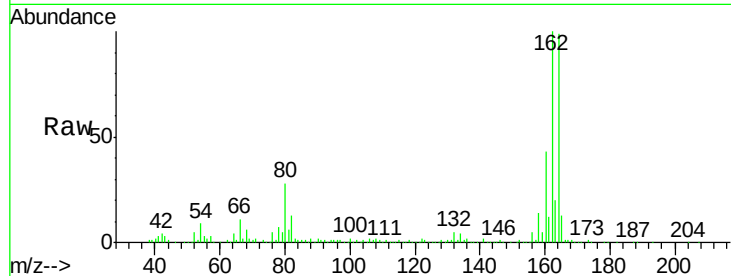
Tot Ion:164 Resp: 283426

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

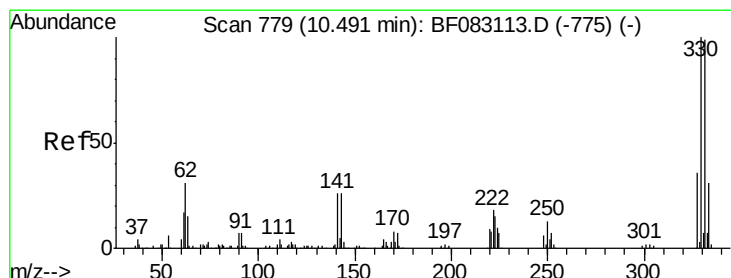
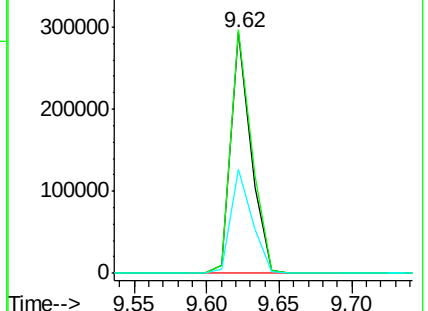
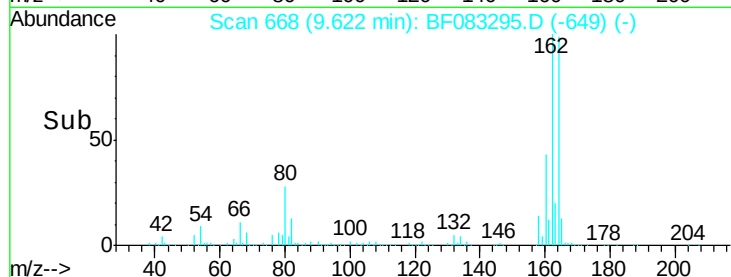
160 43.4 35.6 53.4



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: 13.80 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083295.D

Acq: 26 Nov 2015 1:44

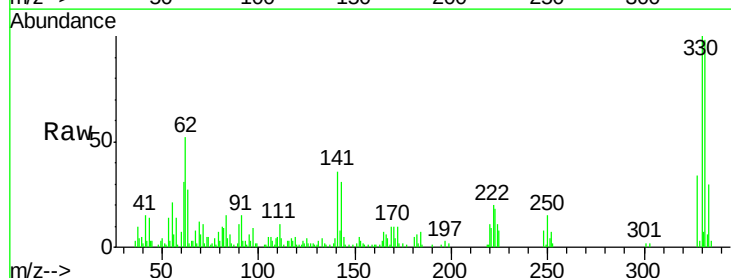
Tgt Ion:330 Resp: 40005

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

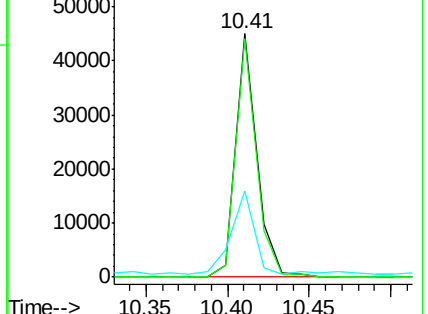
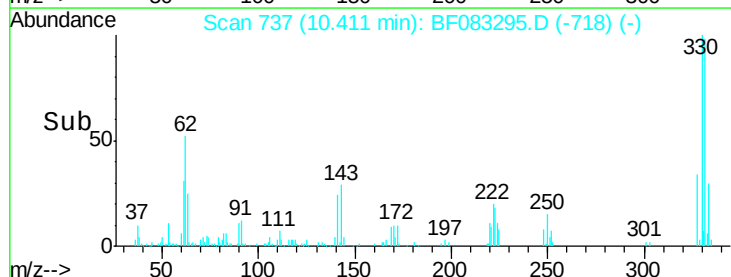
141 41.1 29.7 44.5

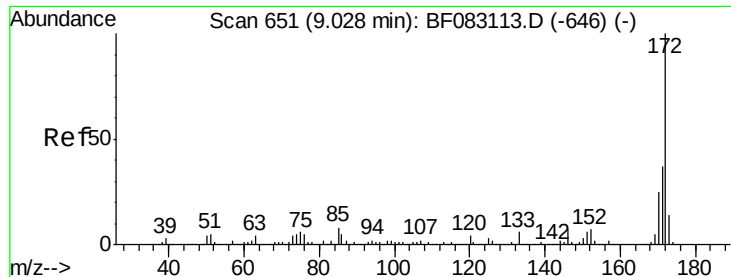


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

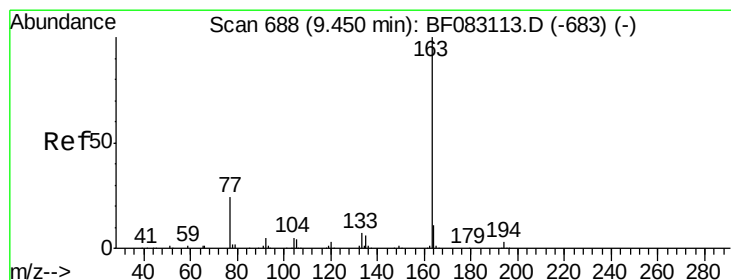
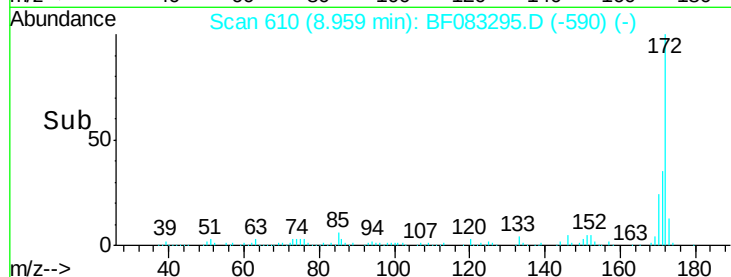
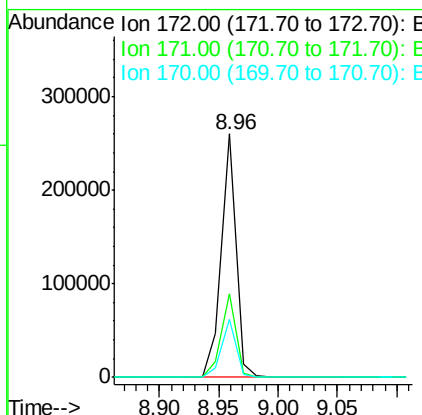
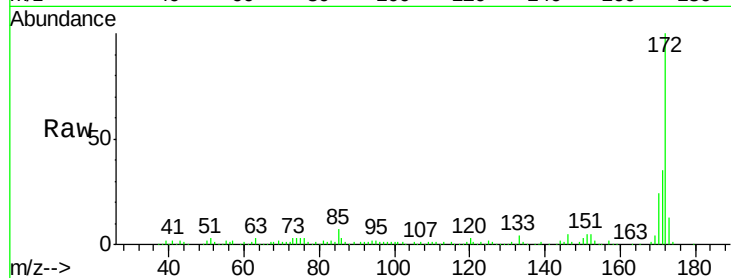




#44
2-Fluorobiphenyl
Concen: 10.97 ng
RT: 8.96 min Scan# 610
Delta R.T. -0.07 min
Lab File: BF083295.D
Acq: 26 Nov 2015 1:44

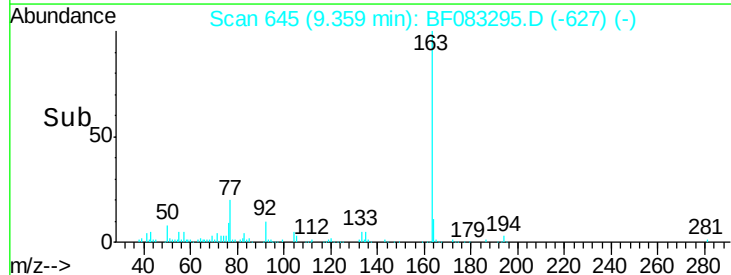
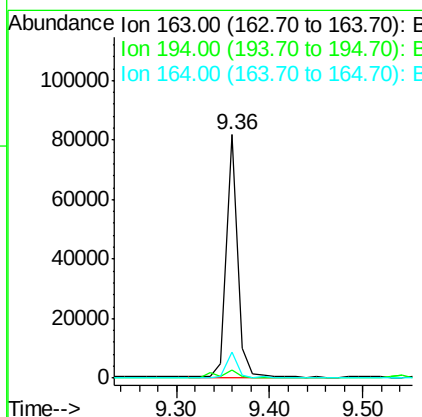
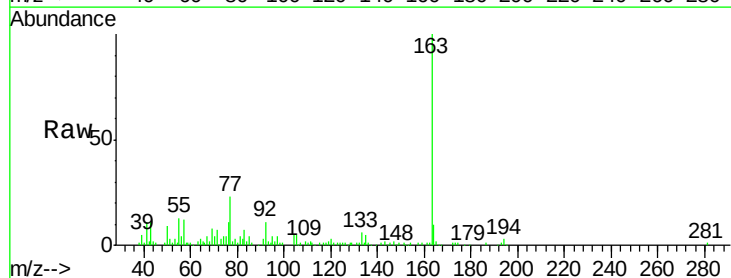
Instrument :
BNA_F
ClientSampleId :
SB-3RE

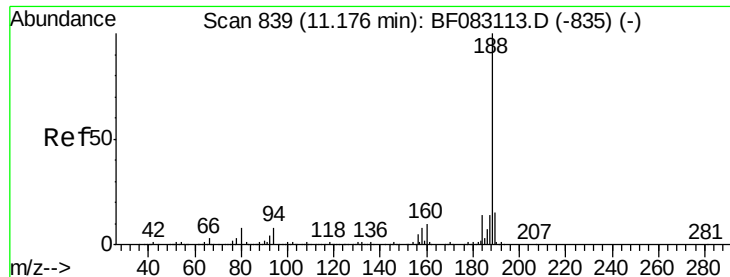
Tot Ion:172 Resp: 222894
Ion Ratio Lower Upper
172 100
171 34.6 29.5 44.3
170 23.6 19.9 29.9



#49
Dimethylphthalate
Concen: 3.10 ng
RT: 9.36 min Scan# 645
Delta R.T. -0.09 min
Lab File: BF083295.D
Acq: 26 Nov 2015 1:44

Tgt Ion:163 Resp: 67721
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.6 12.8

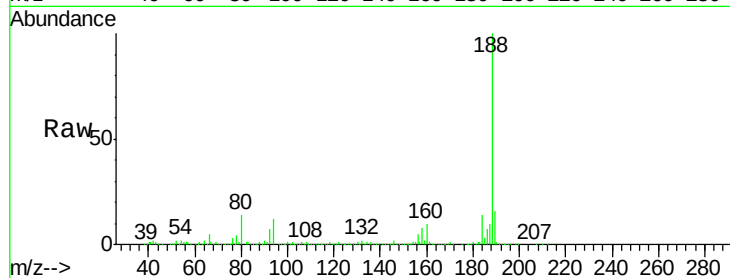




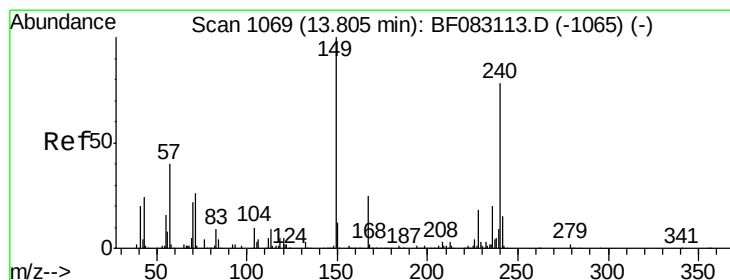
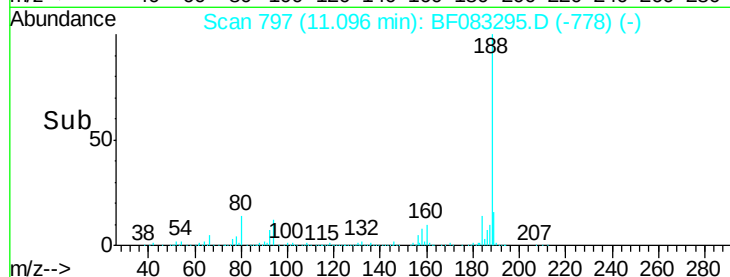
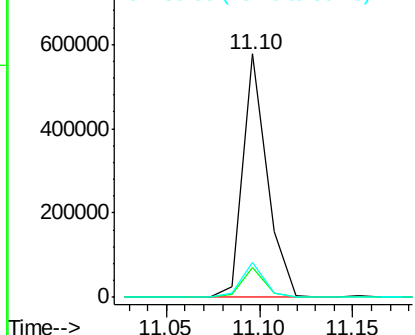
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083295.D
Acq: 26 Nov 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SB-3RE

Tot Ion:188 Resp: 524482
Ion Ratio Lower Upper
188 100
94 12.4 6.0 9.0#
80 14.2 6.7 10.1#

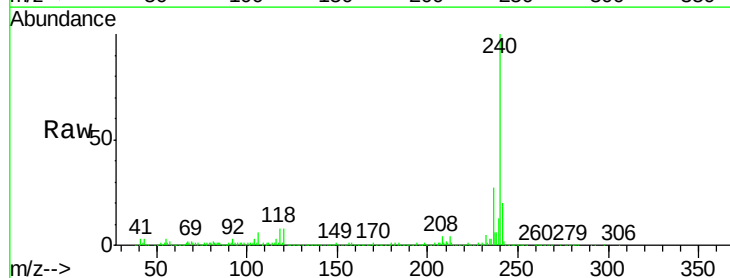


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

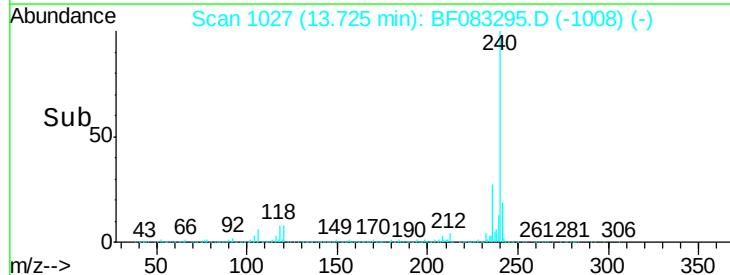
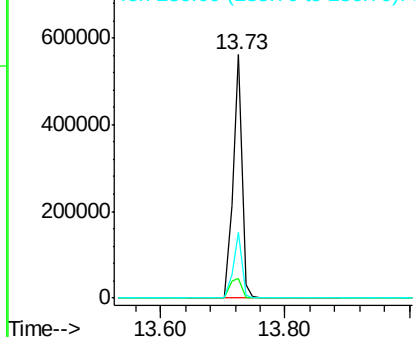


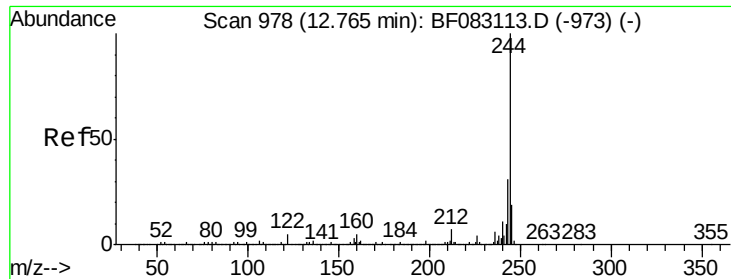
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083295.D
Acq: 26 Nov 2015 1:44

Tgt Ion:240 Resp: 564680
Ion Ratio Lower Upper
240 100
120 8.2 5.4 8.2#
236 26.8 20.6 31.0



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

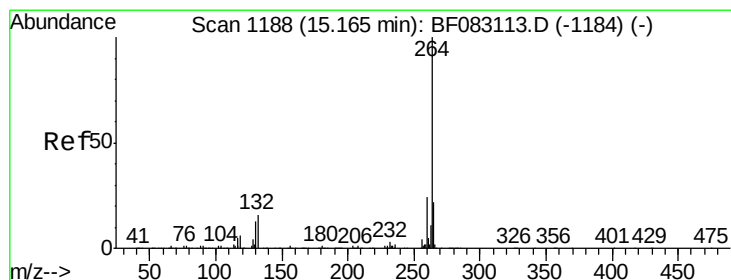
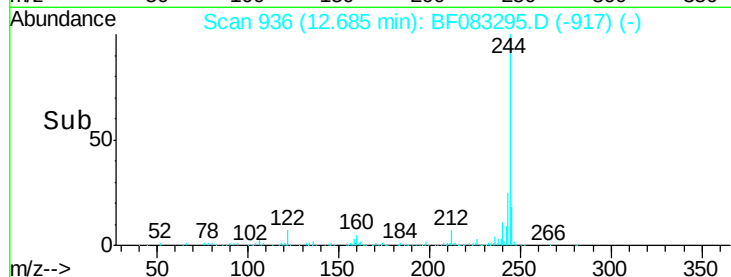
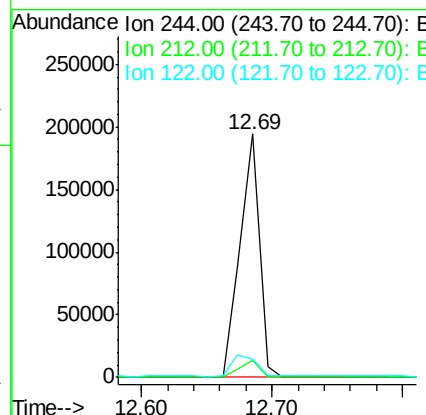
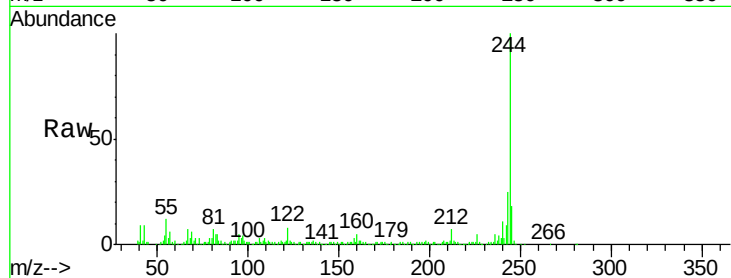




#78
 Terphenyl-d14
 Concen: 8.35 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083295.D
 Acq: 26 Nov 2015 1:44

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	7.7	4.3	6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083295.D
 Acq: 26 Nov 2015 1:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	22.4	18.2	27.4

