

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081515.D
 Acq On : 6 Sep 2015 17:53
 Operator : UM/IZ
 Sample : G3555-08
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Quant Time: Sep 07 07:18:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 05:41:57 2015
 Response via : Initial Calibration

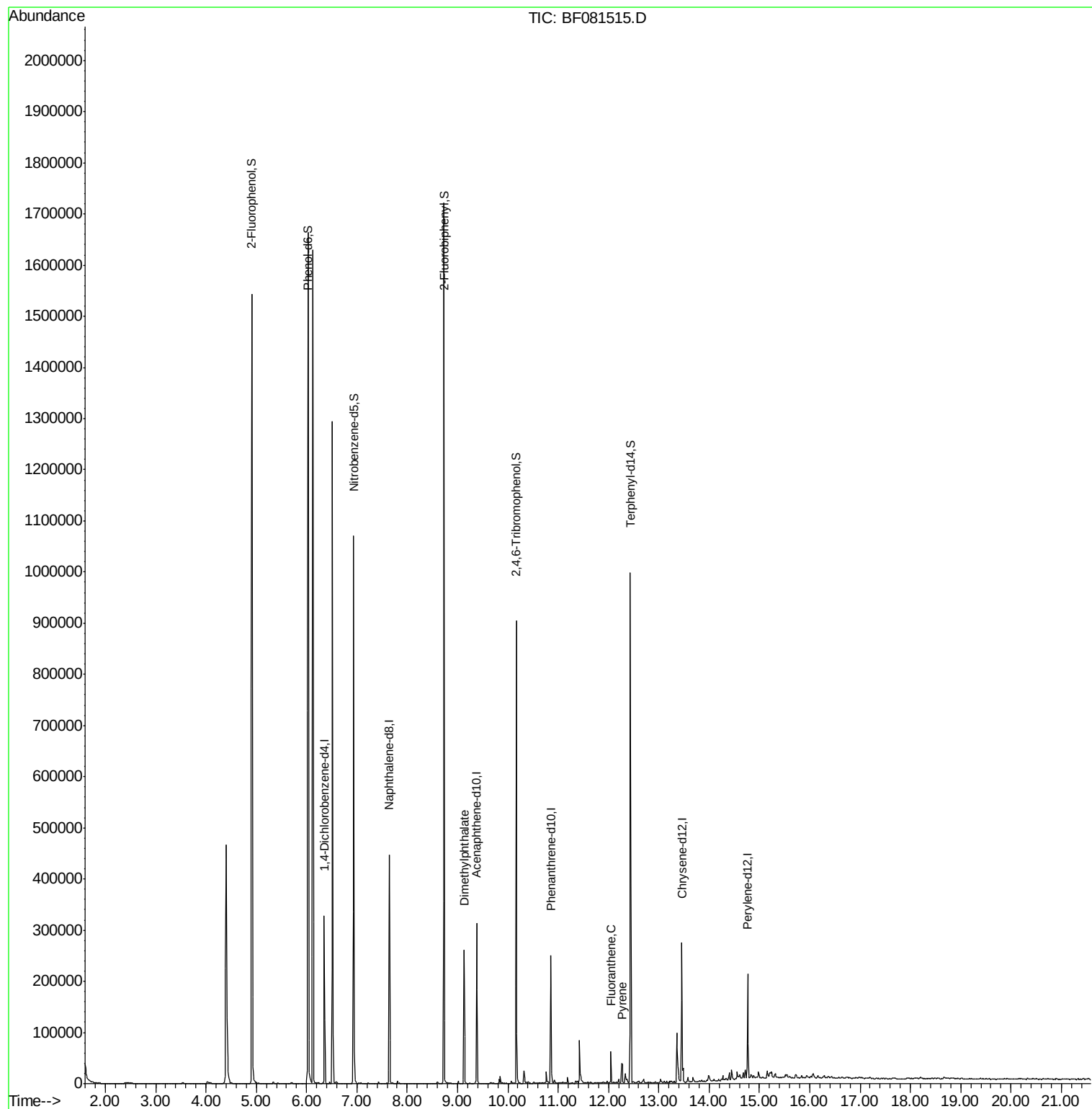
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	48505	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	182406	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	74139	20.00	ng	-0.01
63) Phenanthrene-d10	10.86	188	125931	20.00	ng	0.00
75) Chrysene-d12	13.46	240	108787	20.00	ng	0.00
86) Perylene-d12	14.77	264	77707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	437873	140.06	ng	0.02
7) Phenol-d6	6.03	99	557782	134.79	ng	0.00
23) Nitrobenzene-d5	6.94	82	336962	89.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	76183	115.41	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	498906	86.24	ng	-0.01
78) Terphenyl-d14	12.43	244	331098	70.85	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.13	163	104864	18.20	ng	Qvalue # 96
74) Fluoranthene	12.04	202	26077	3.44	ng	88
77) Pyrene	12.27	202	23907	2.97	ng	99

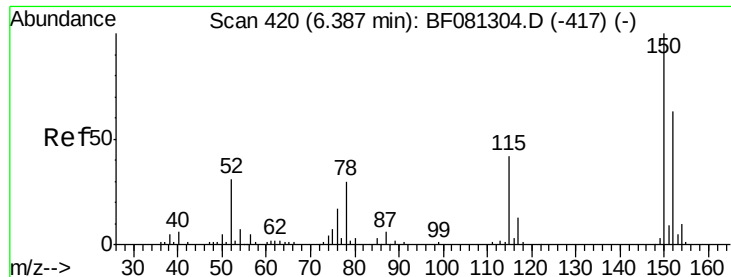
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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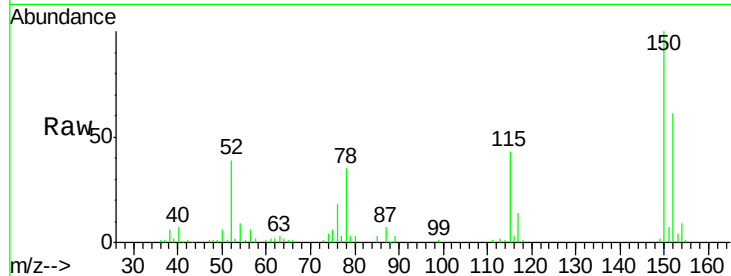


#1

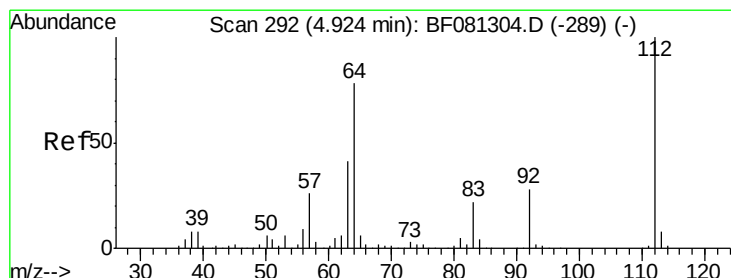
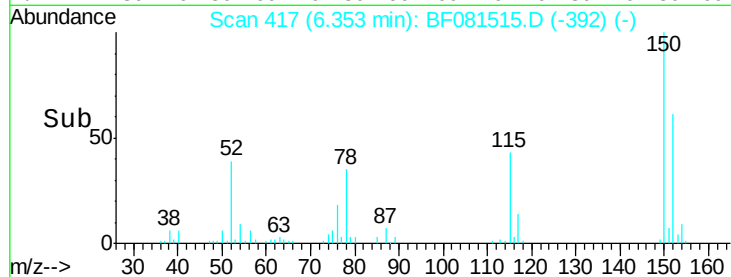
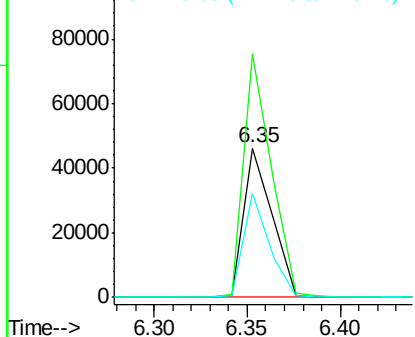
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:152 Resp: 48505
Ion Ratio Lower Upper
152 100
150 163.3 124.7 187.1
115 70.0 39.0 58.4#



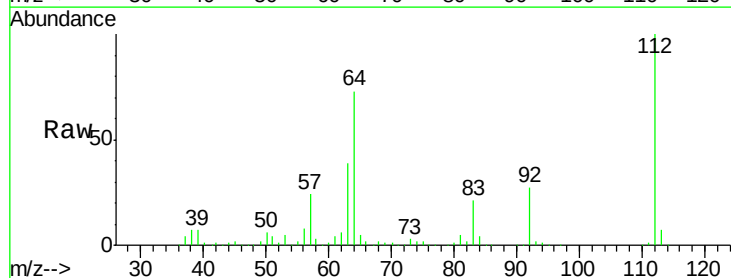
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



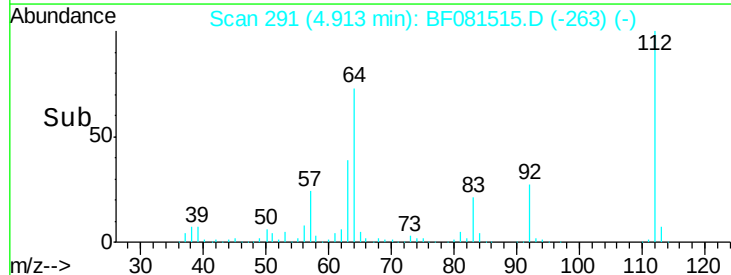
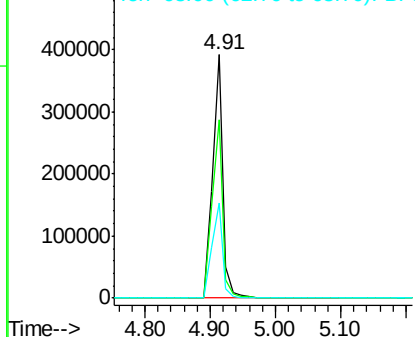
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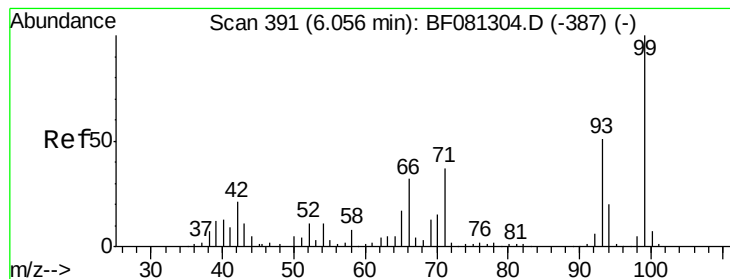
2-Fluorophenol
Concen: 140.06 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:112 Resp: 437873
Ion Ratio Lower Upper
112 100
64 73.1 39.7 59.5#
63 39.0 17.4 26.0#



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: 134.79 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081515.D

Acq: 6 Sep 2015 17:53

Instrument :

BNA_F

ClientSampleId :

SB-8

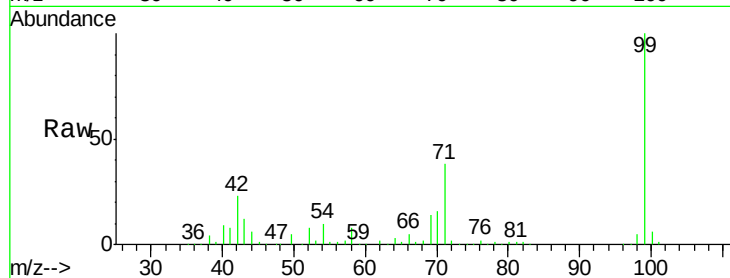
Tgt Ion: 99 Resp: 557782

Ion Ratio Lower Upper

99 100

42 22.9 13.7 20.5#

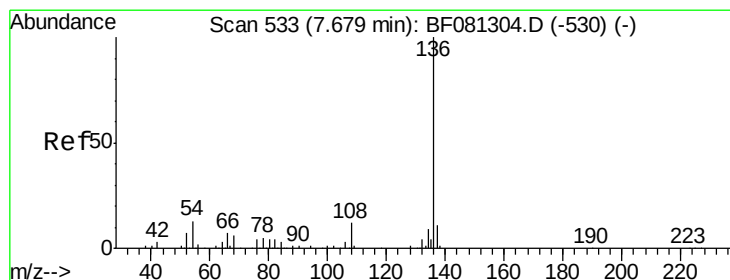
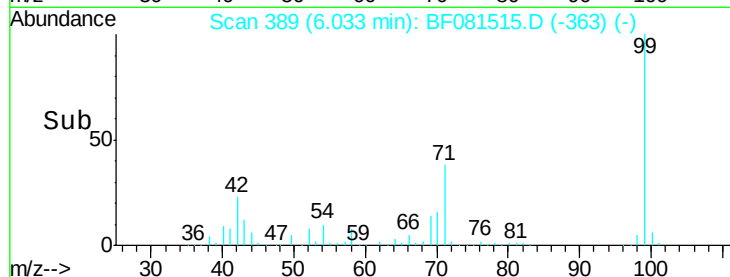
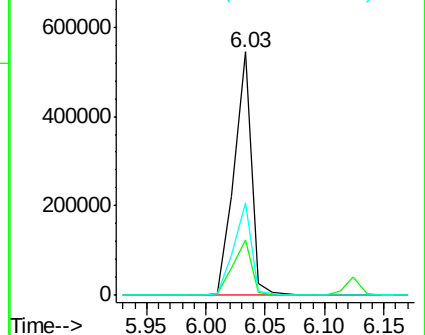
71 38.2 14.2 21.2#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081515.D

Acq: 6 Sep 2015 17:53

Tgt Ion: 136 Resp: 182406

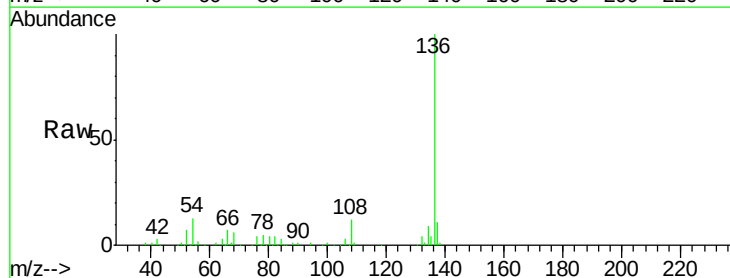
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.9 8.2 12.2#

68 5.8 5.8 8.6

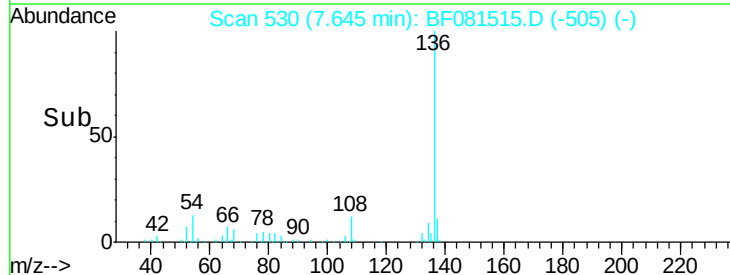
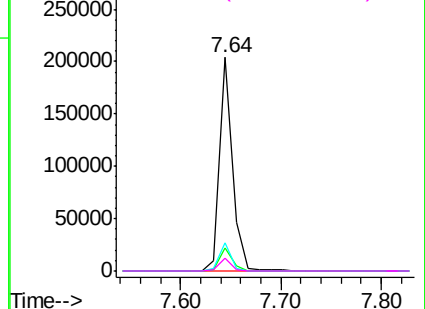


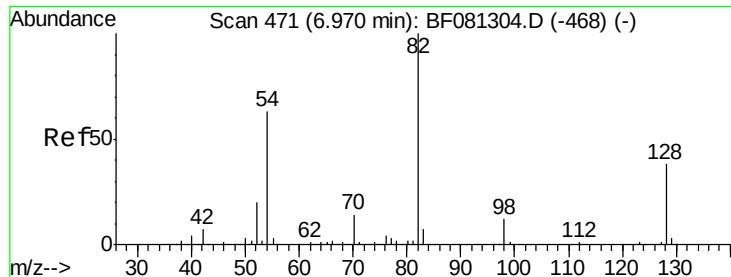
Abundance Ion 136.00 (135.70 to 136.70): E

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

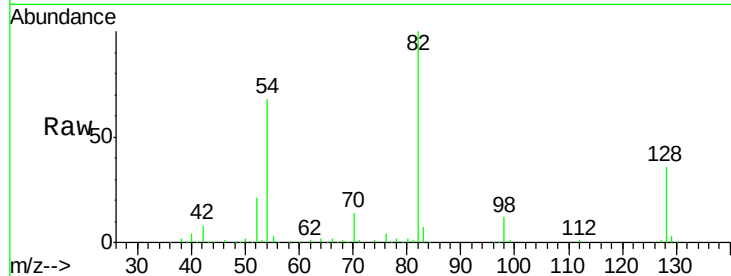




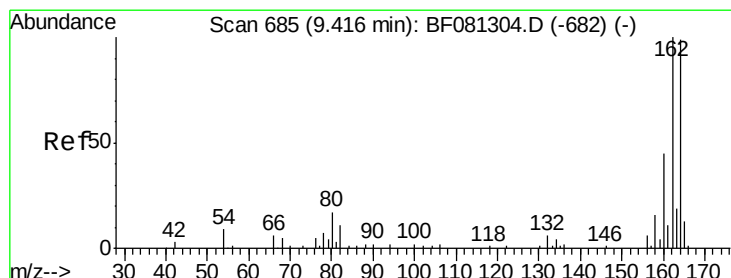
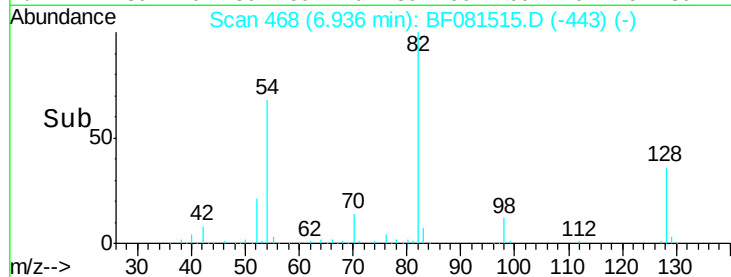
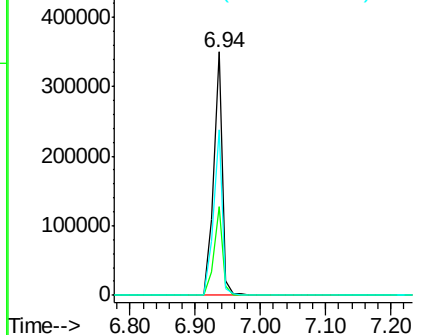
#23
 Nitrobenzene-d5
 Concen: 89.13 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081515.D
 Acq: 6 Sep 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Tgt Ion: 82 Resp: 336962
 Ion Ratio Lower Upper
 82 100
 128 36.4 51.0 76.6#
 54 67.9 47.5 71.3

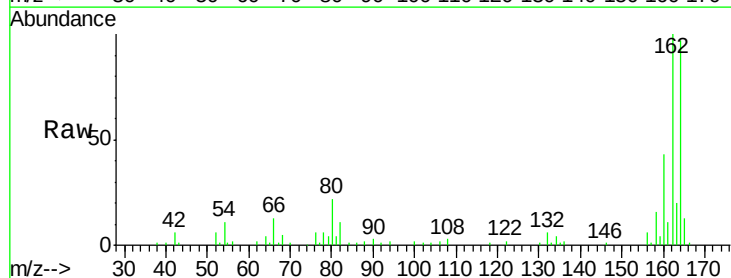


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

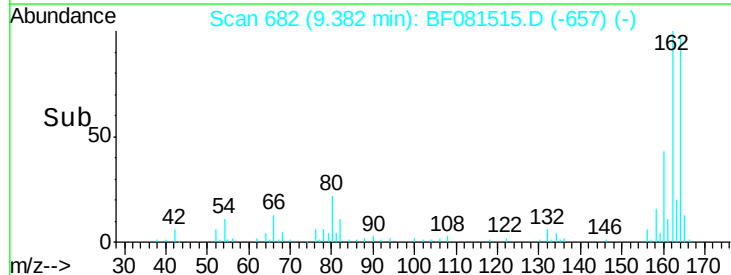
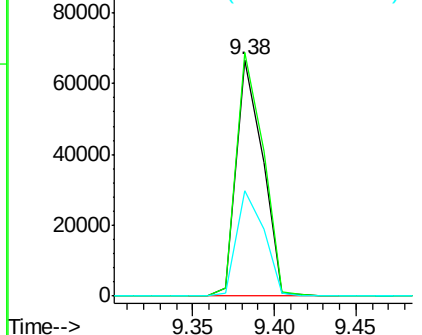


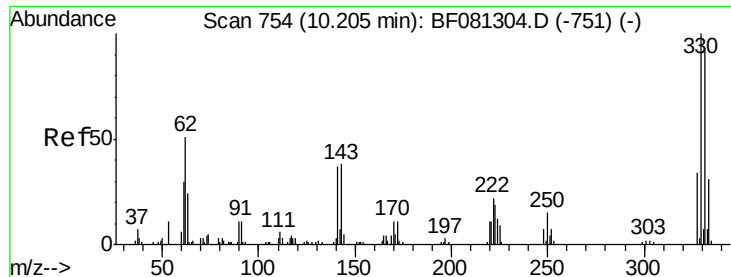
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081515.D
 Acq: 6 Sep 2015 17:53

Tgt Ion: 164 Resp: 74139
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 44.5 31.5 47.3



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

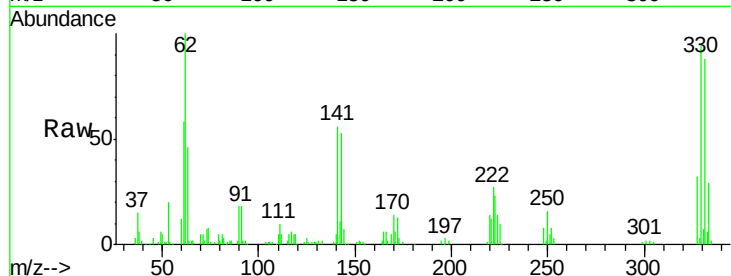




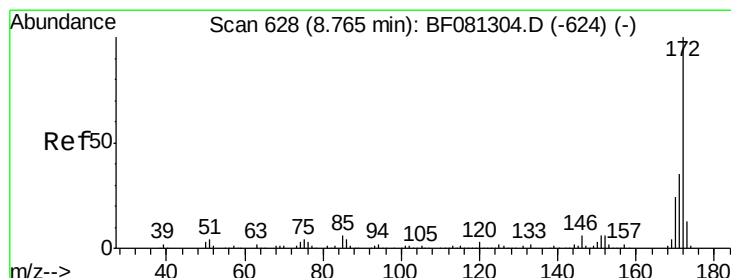
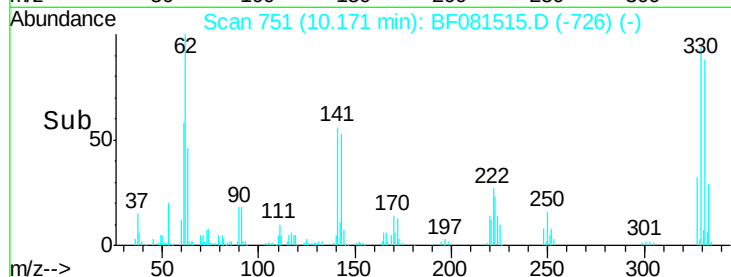
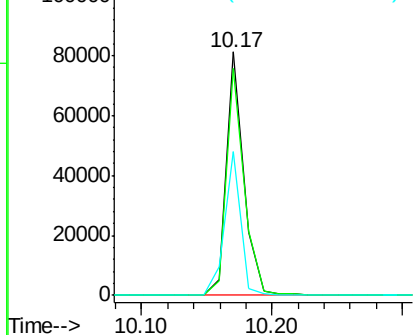
#41
 2,4,6-Tribromophenol
 Concen: 115.41 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081515.D
 Acq: 6 Sep 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Tgt Ion:330 Resp: 76183
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 54.6 29.7 44.5#

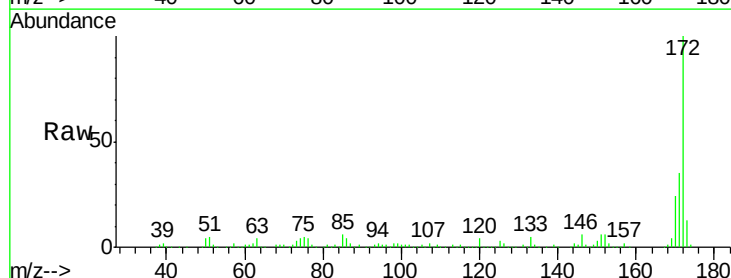


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

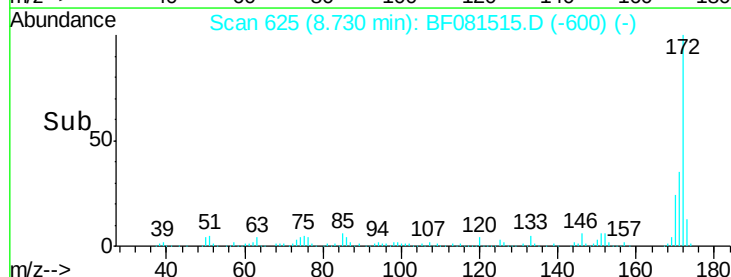
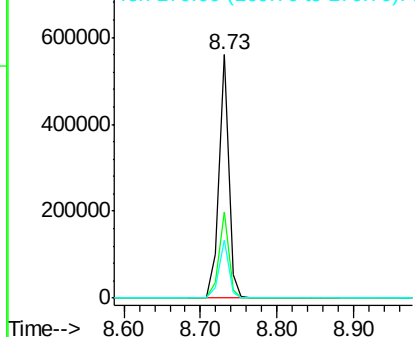


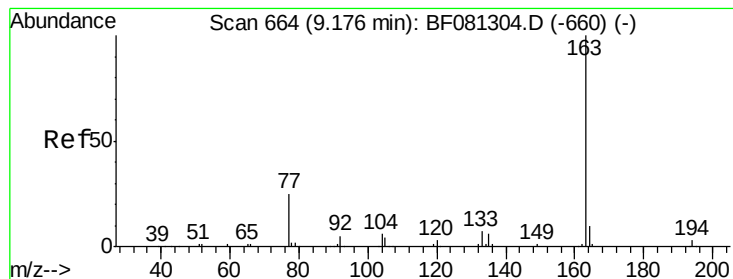
#44
 2-Fluorobiphenyl
 Concen: 86.24 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081515.D
 Acq: 6 Sep 2015 17:53

Tgt Ion:172 Resp: 498906
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.7 17.4 26.2



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





#49

Dimethylphthalate

Concen: 18.20 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081515.D

Acq: 6 Sep 2015 17:53

Instrument :

BNA_F

ClientSampleId :

SB-8

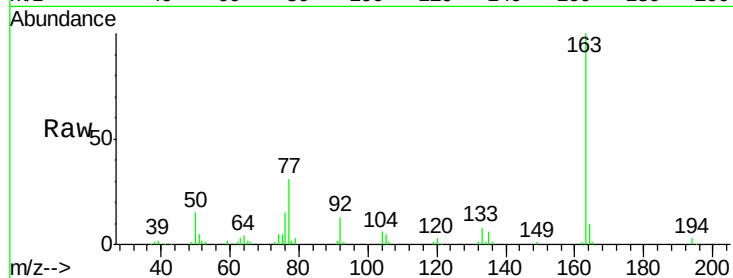
Tgt Ion:163 Resp: 104864

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

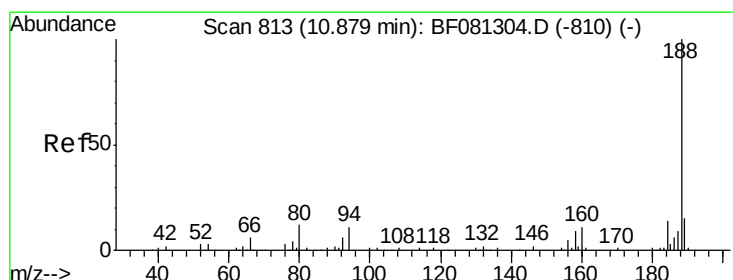
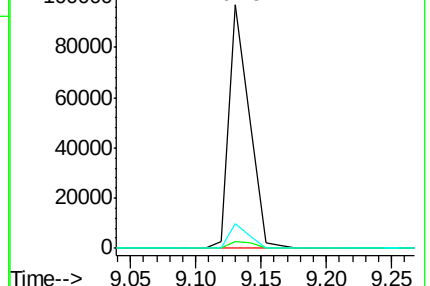
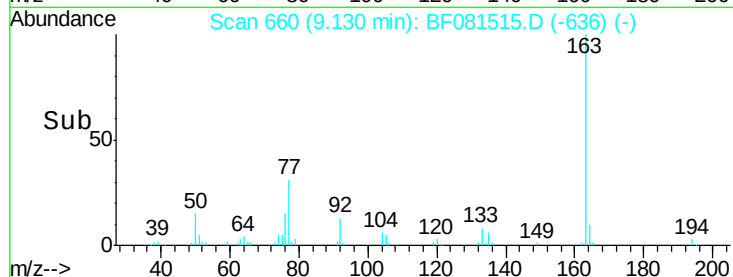
164 10.0 8.3 12.5



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: 10.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF081515.D

Acq: 6 Sep 2015 17:53

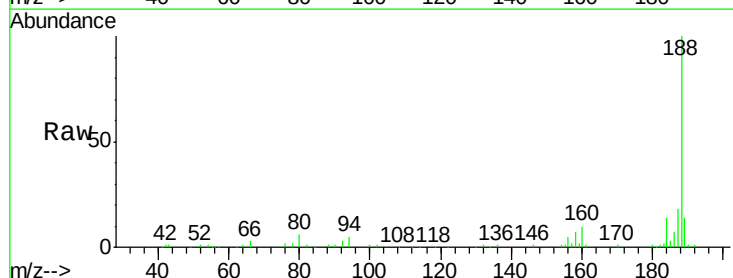
Tgt Ion:188 Resp: 125931

Ion Ratio Lower Upper

188 100

94 5.3 11.1 16.7#

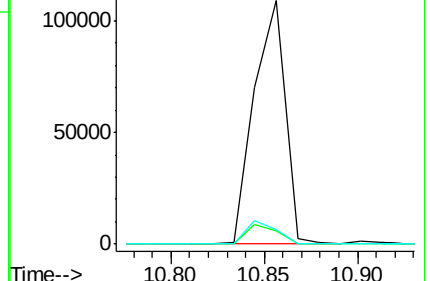
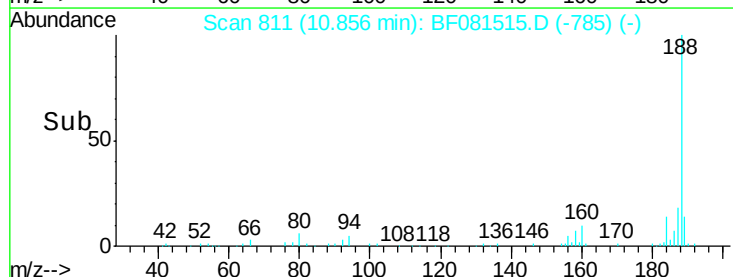
80 5.9 11.0 16.4#

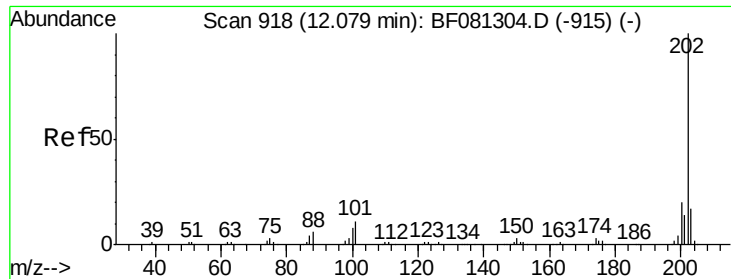


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

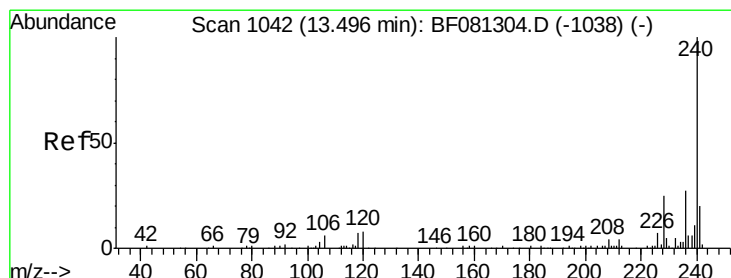
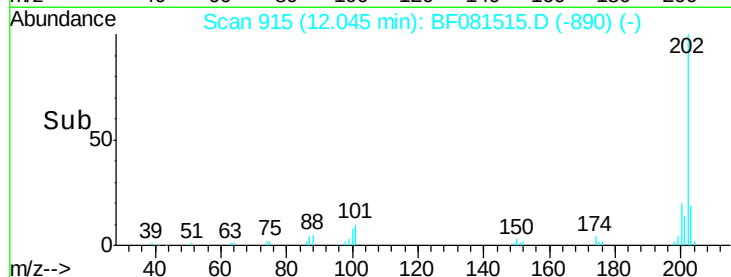
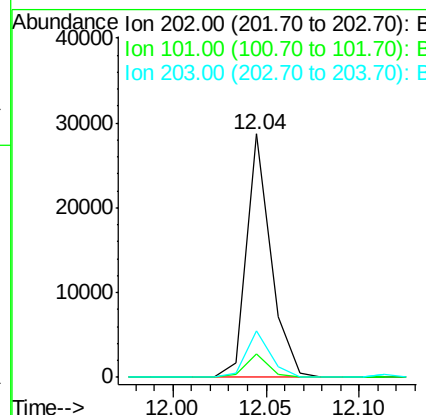
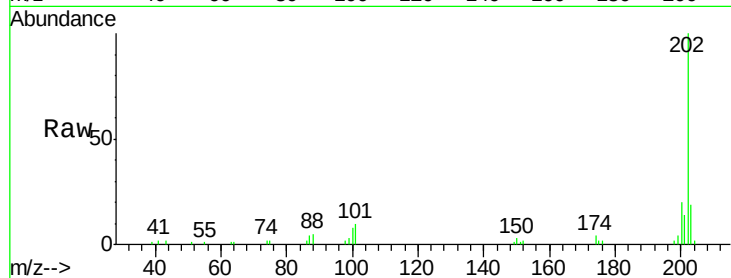




#74
Fluoranthene
Concen: 3.44 ng
RT: 12.04 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

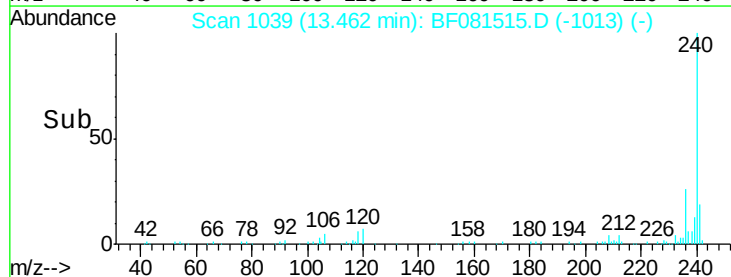
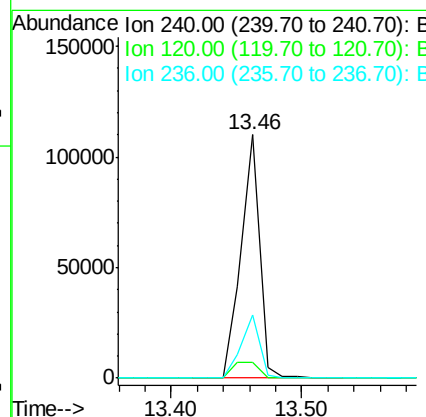
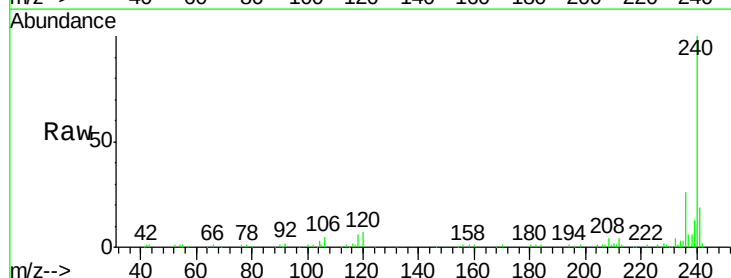
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SB-8

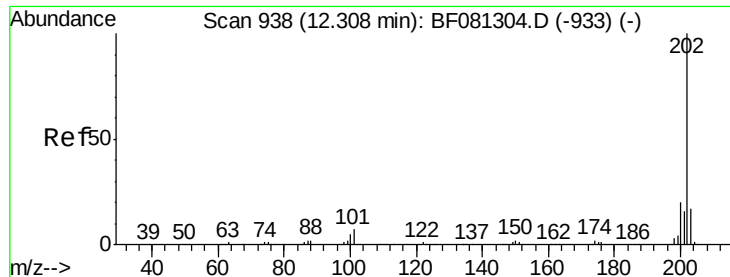
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	26077		
101	9.7		0.0	38.3
203	19.0		0.0	37.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	108787		
120	6.5		16.2	24.2#
236	26.1		18.4	27.6

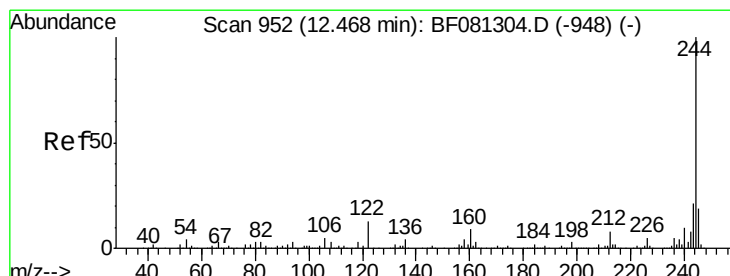
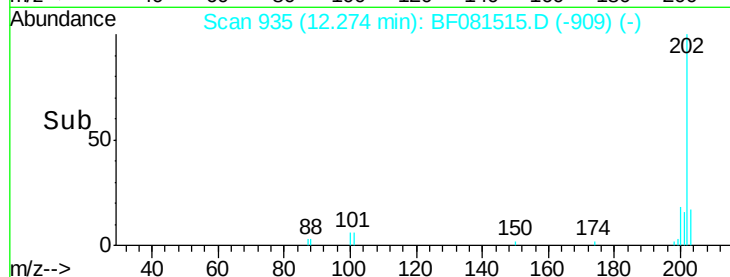
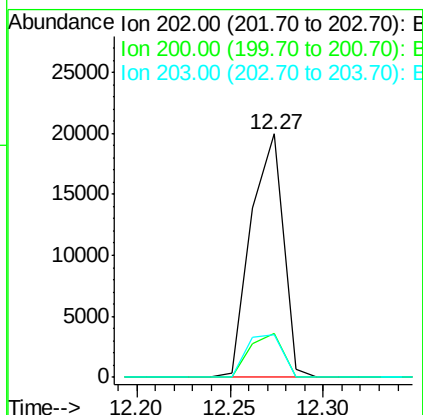
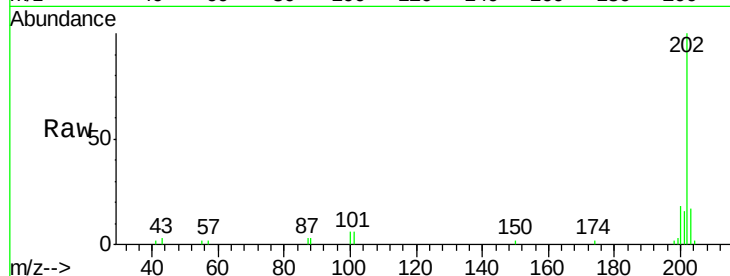




#77
 Pyrene
 Concen: 2.97 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF081515.D
 Acq: 6 Sep 2015 17:53

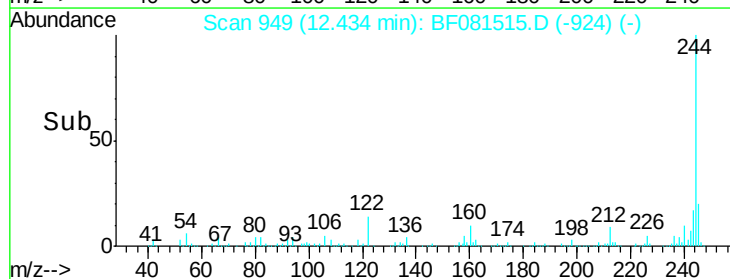
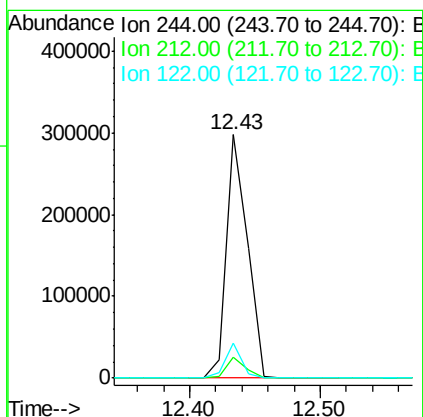
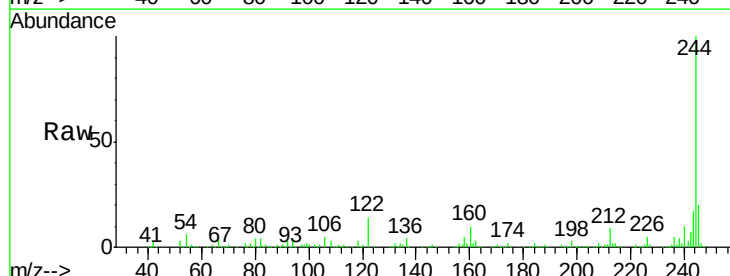
Instrument :
 BNA_F
 ClientSampled :
 SB-8

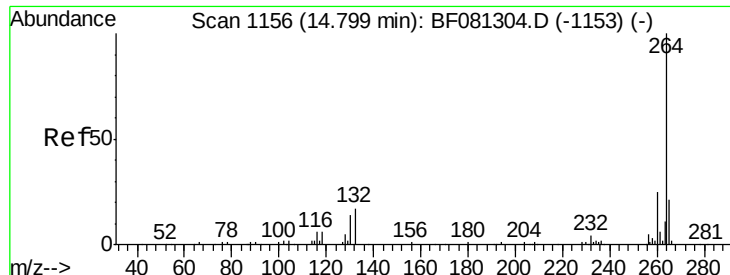
Tgt Ion: 202 Resp: 23907
 Ion Ratio Lower Upper
 202 100
 200 17.9 15.0 22.4
 203 17.4 14.1 21.1



#78
 Terphenyl-d14
 Concen: 70.85 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081515.D
 Acq: 6 Sep 2015 17:53

Tgt Ion: 244 Resp: 331098
 Ion Ratio Lower Upper
 244 100
 212 8.5 4.3 6.5#
 122 14.3 17.4 26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion: 264 Resp: 77707
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.9 17.2 25.8

