

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081701.D
 Acq On : 18 Sep 2015 17:27
 Operator : UM/IZ
 Sample : G3704-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-9-15-15

Quant Time: Sep 19 01:05:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

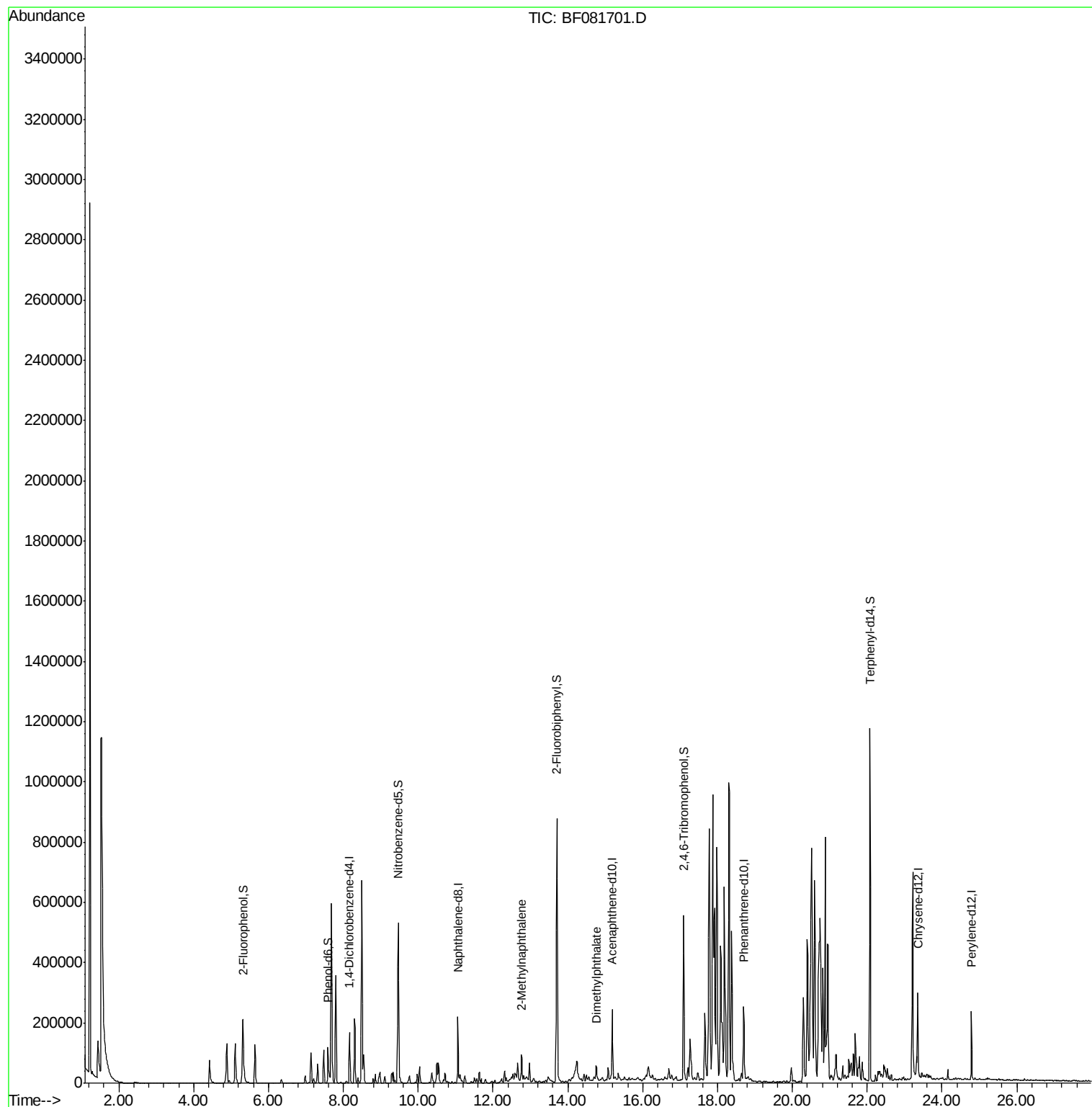
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41691	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	162597	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	85644	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	158827	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	137658	20.00	ng	-0.03
86) Perylene-d12	24.78	264	93654	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	126408	47.04	ng	-0.03
7) Phenol-d6	7.59	99	103223	29.02	ng	-0.06
23) Nitrobenzene-d5	9.46	82	303346	90.01	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	93724	122.90	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	534691	80.01	ng	-0.07
78) Terphenyl-d14	22.07	244	509014	86.08	ng	-0.04
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.76	142	41367	7.33	ng	# 89
49) Dimethylphthalate	14.77	163	31129	4.68	ng	# 97

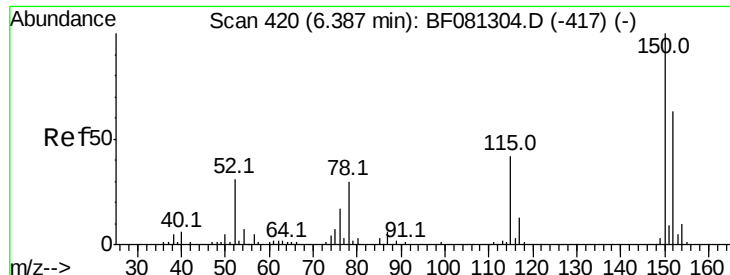
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 14:03:59 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW-6-9-15-15

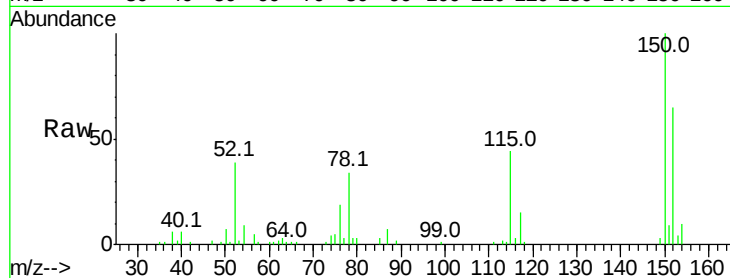
Tgt Ion:152 Resp: 41691

Ion Ratio Lower Upper

152 100

150 153.3 124.7 187.1

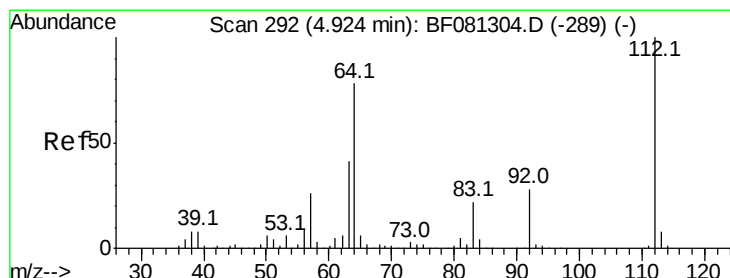
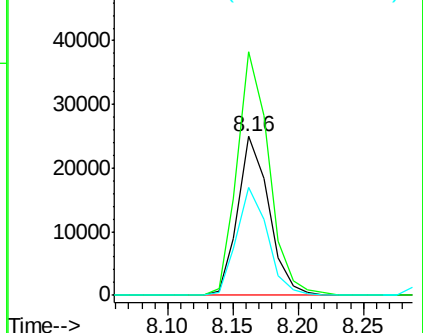
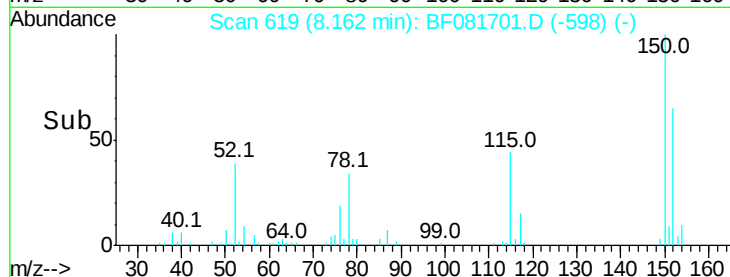
115 68.1 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 47.04 ng

RT: 5.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

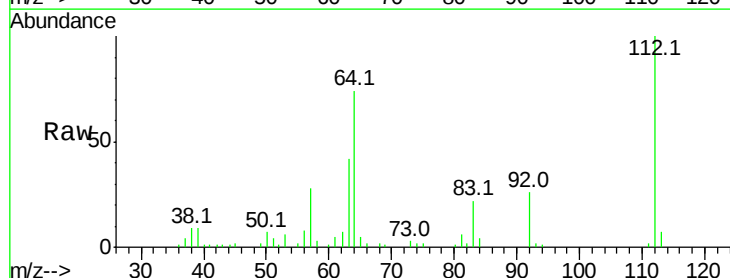
Tgt Ion:112 Resp: 126408

Ion Ratio Lower Upper

112 100

64 74.5 39.7 59.5#

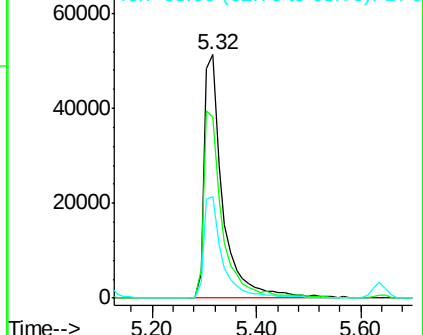
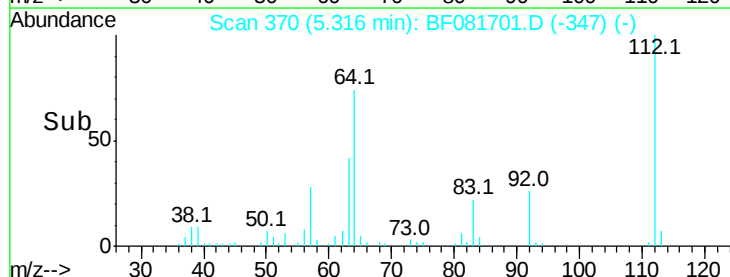
63 42.0 17.4 26.0#

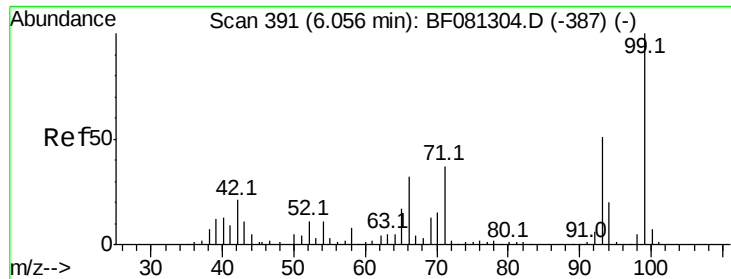


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.02 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW-6-9-15-15

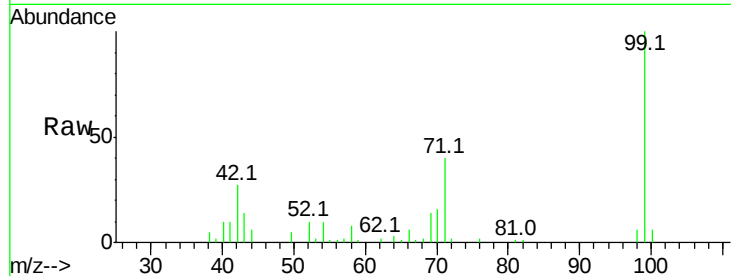
Tgt Ion: 99 Resp: 103223

Ion Ratio Lower Upper

99 100

42 26.6 13.7 20.5#

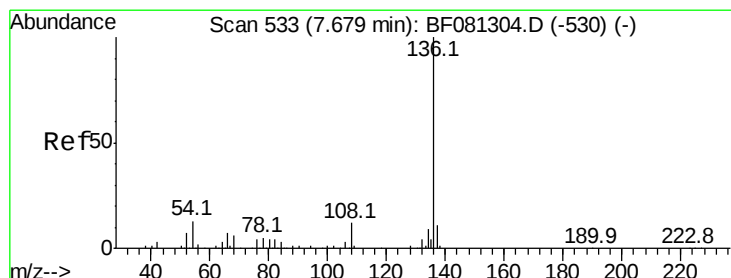
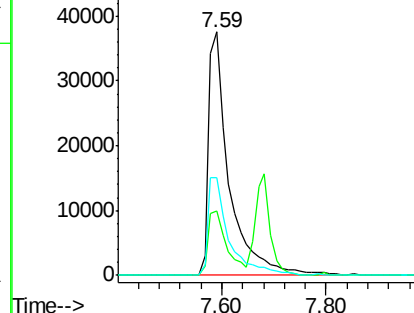
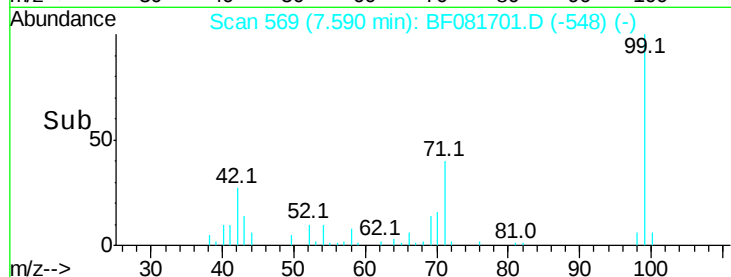
71 40.1 14.2 21.2#



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: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

Tgt Ion: 136 Resp: 162597

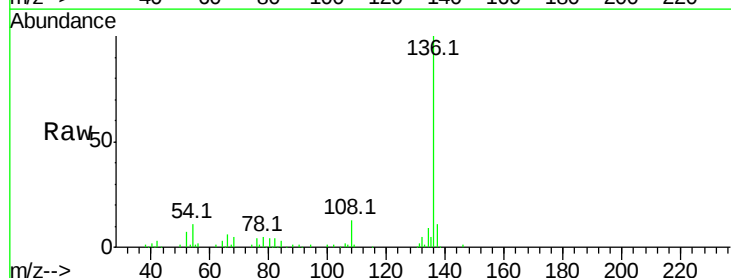
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 11.4 8.2 12.2

68 4.9 5.8 8.6#

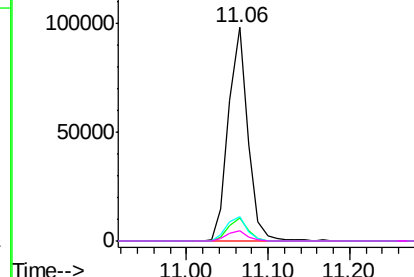
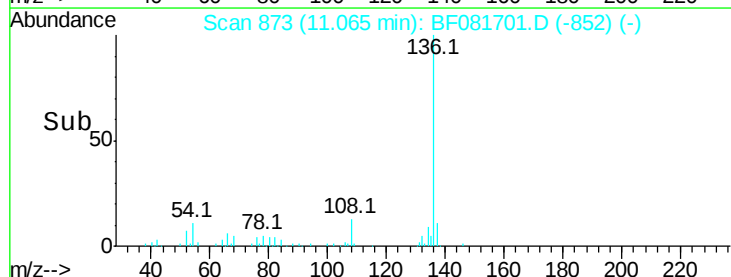


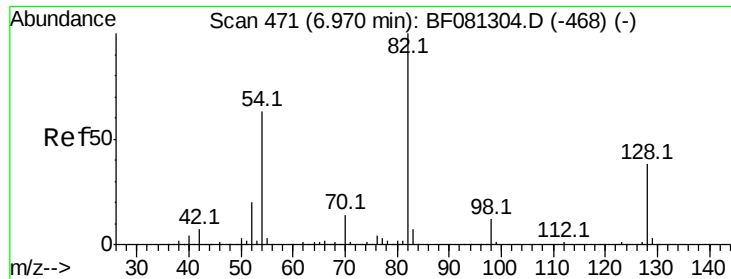
Abundance Ion 136.00 (135.70 to 136.70): E

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

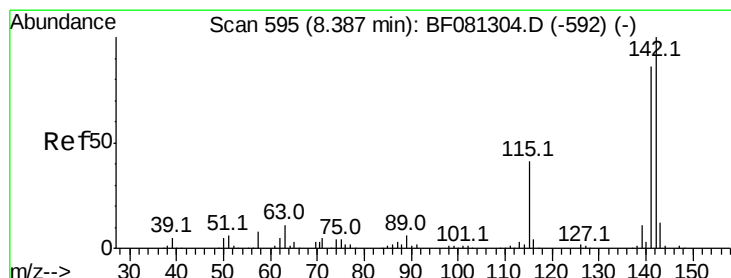
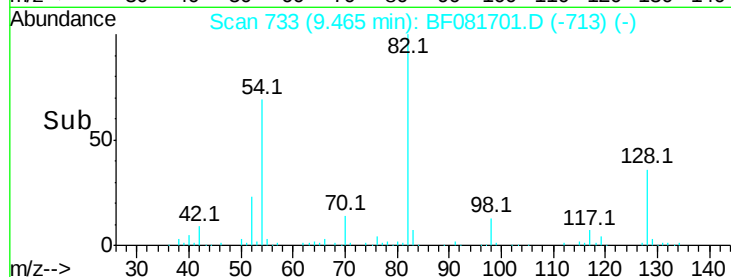
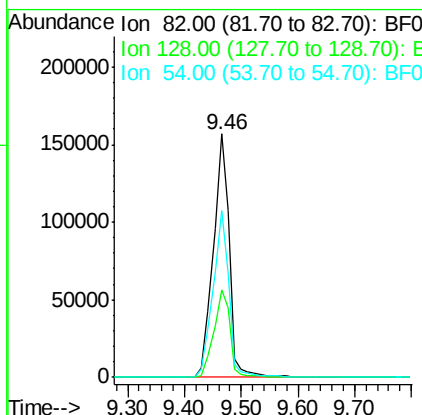
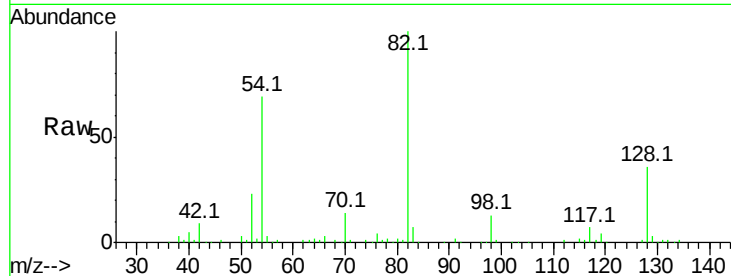




#23
 Nitrobenzene-d5
 Concen: 90.01 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.07 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

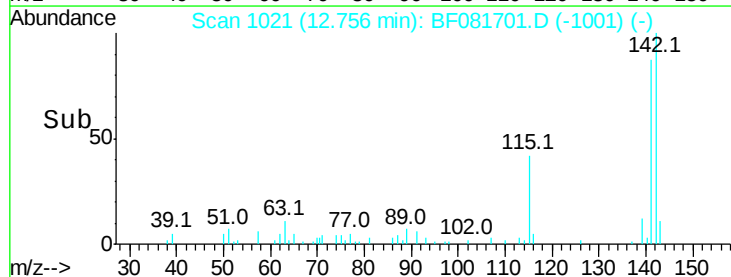
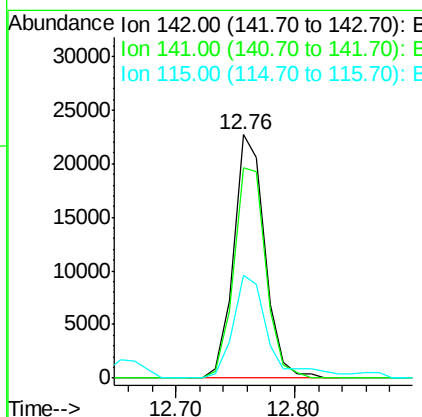
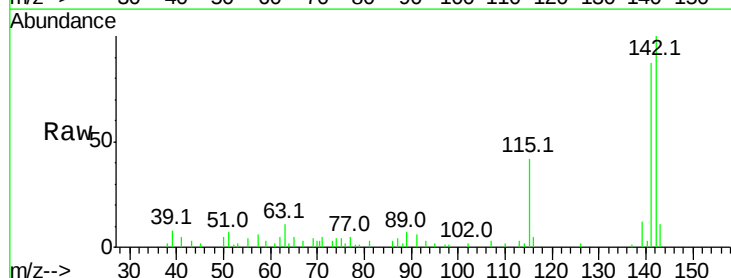
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-9-15-15

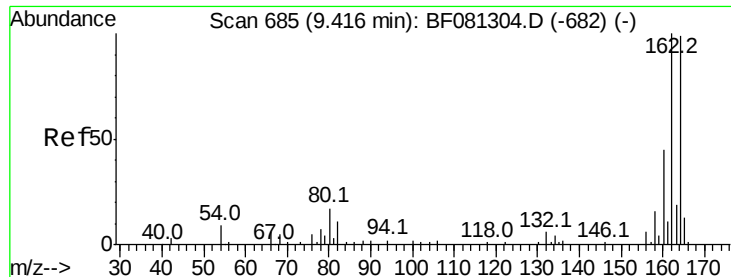
Tgt Ion: 82 Resp: 303346
 Ion Ratio Lower Upper
 82 100
 128 36.1 51.0 76.6#
 54 68.8 47.5 71.3



#37
 2-Methylnaphthalene
 Concen: 7.33 ng
 RT: 12.76 min Scan# 1021
 Delta R.T. -0.07 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

Tgt Ion: 142 Resp: 41367
 Ion Ratio Lower Upper
 142 100
 141 86.6 67.5 101.3
 115 42.4 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

Instrument :

BNA_F

ClientSampleId :

MW-6-9-15-15

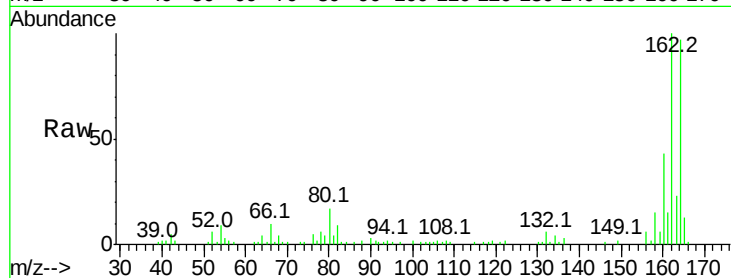
Tgt Ion:164 Resp: 85644

Ion Ratio Lower Upper

164 100

162 103.4 75.2 112.8

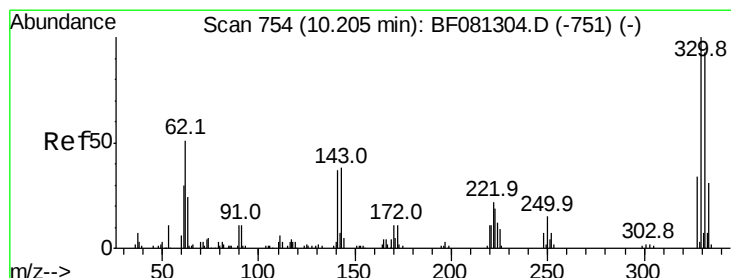
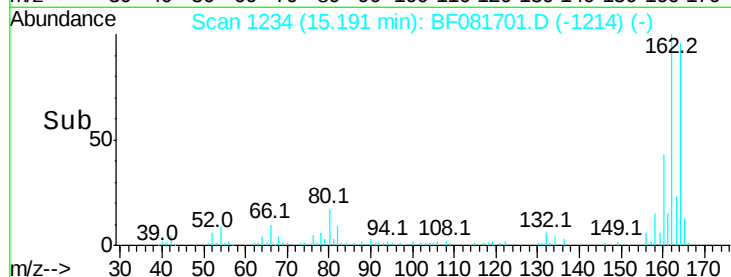
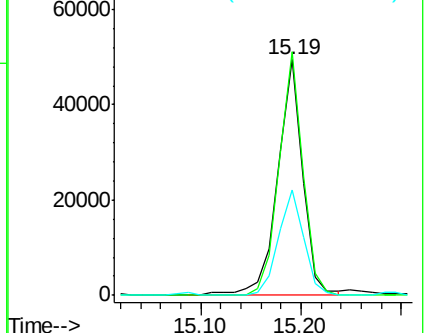
160 44.6 31.5 47.3



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: 122.90 ng

RT: 17.10 min Scan# 1401

Delta R.T. -0.07 min

Lab File: BF081701.D

Acq: 18 Sep 2015 17:27

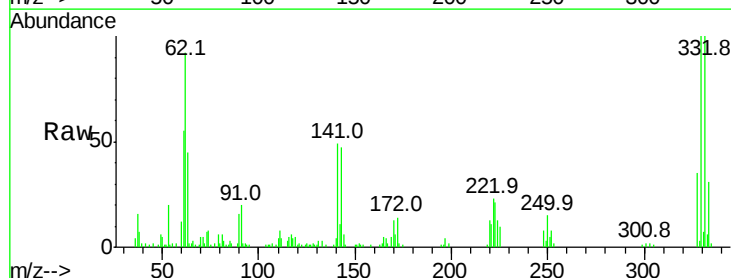
Tgt Ion:330 Resp: 93724

Ion Ratio Lower Upper

330 100

332 98.5 76.6 114.8

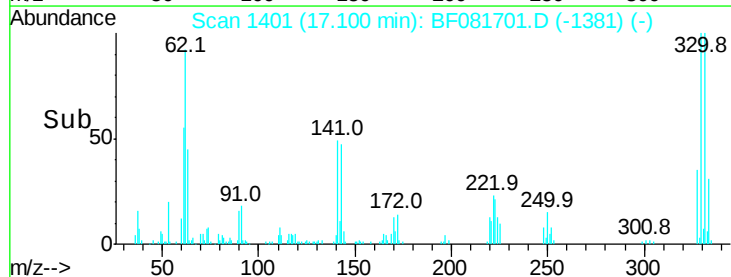
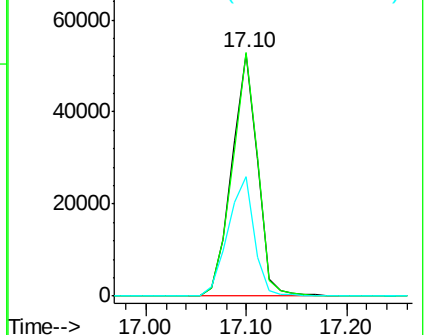
141 50.3 29.7 44.5#

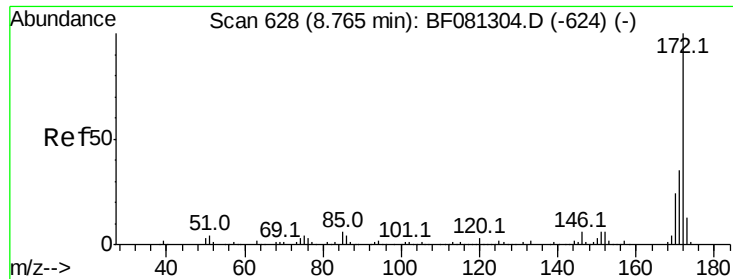


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

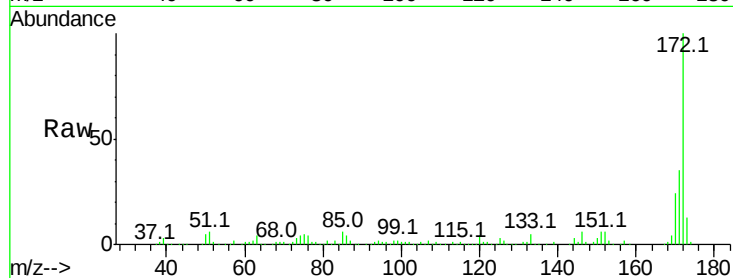




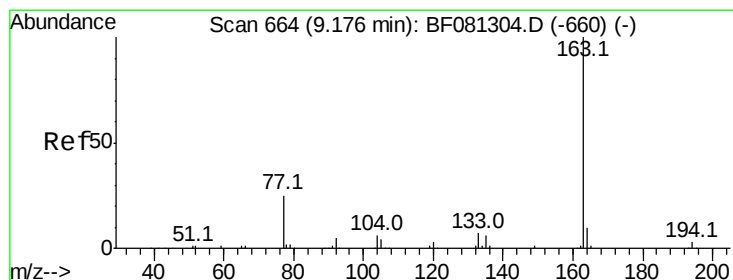
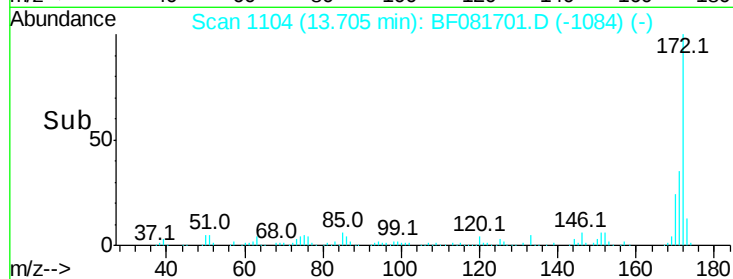
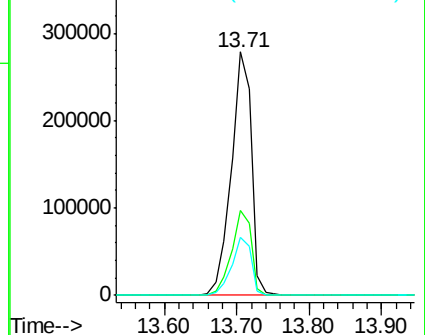
#44
 2-Fluorobiphenyl
 Concen: 80.01 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-9-15-15

Tgt Ion:172 Resp: 534691
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 23.7 17.4 26.2

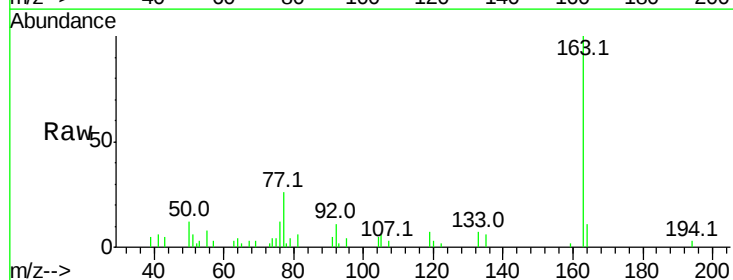


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

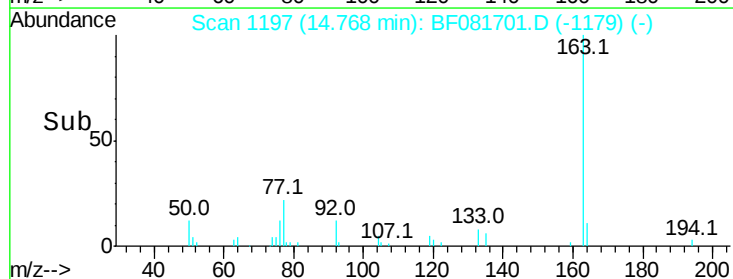
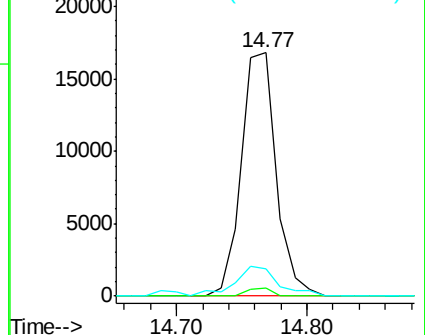


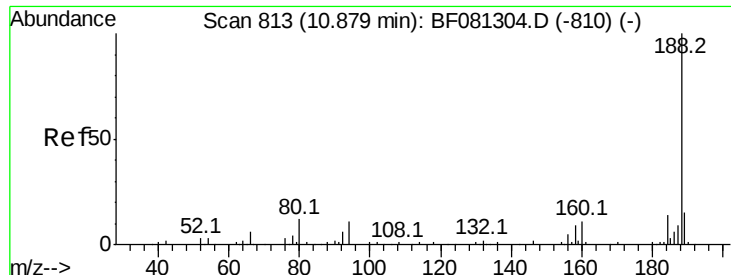
#49
 Dimethylphthalate
 Concen: 4.68 ng
 RT: 14.77 min Scan# 1197
 Delta R.T. -0.09 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

Tgt Ion:163 Resp: 31129
 Ion Ratio Lower Upper
 163 100
 194 3.4 4.4 6.6#
 164 11.0 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

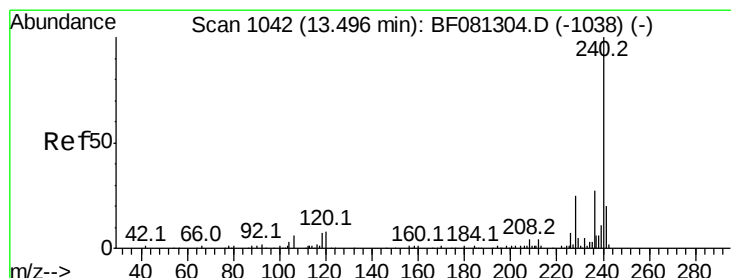
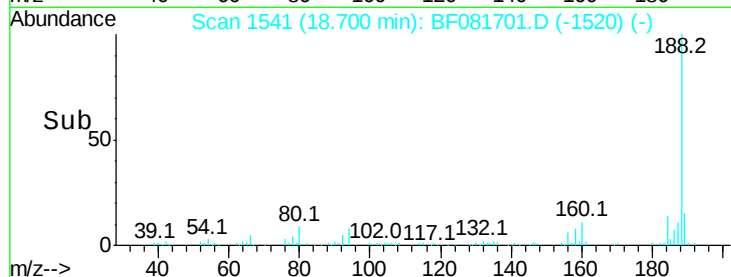
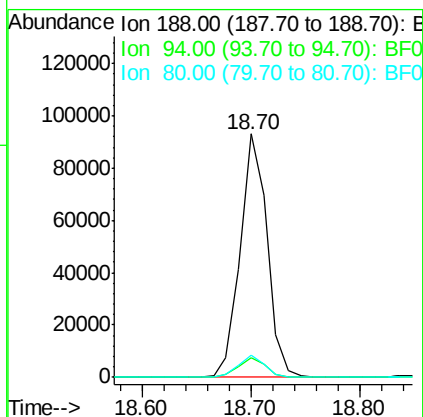
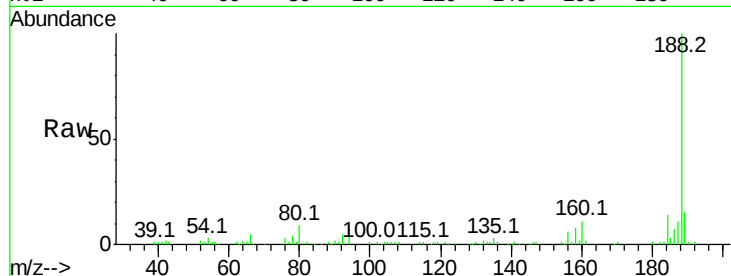




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081701.D
Acq: 18 Sep 2015 17:27

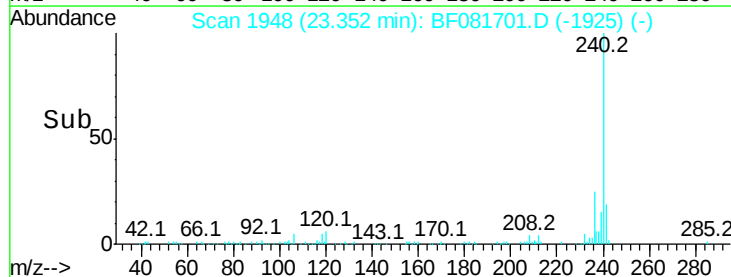
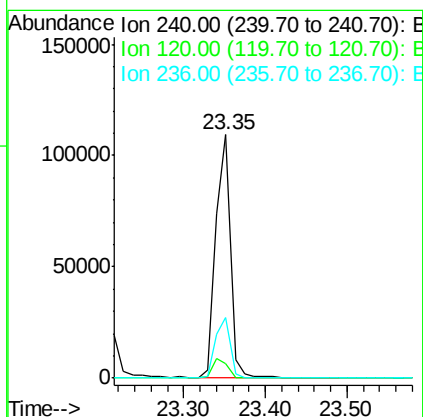
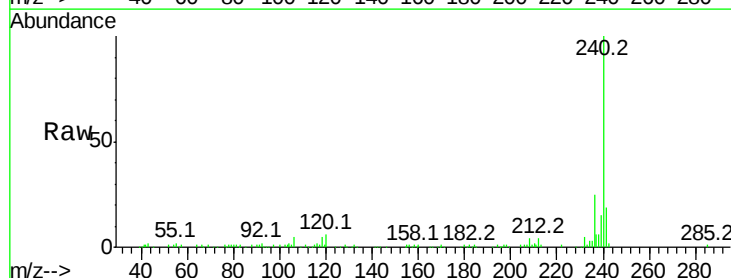
Instrument :
BNA_F
ClientSampleId :
MW-6-9-15-15

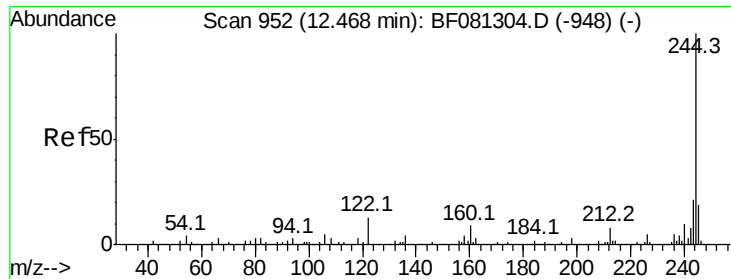
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	158827		
94	8.2		11.1	16.7#
80	9.2		11.0	16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081701.D
Acq: 18 Sep 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	137658		
120	6.1		16.2	24.2#
236	25.0		18.4	27.6

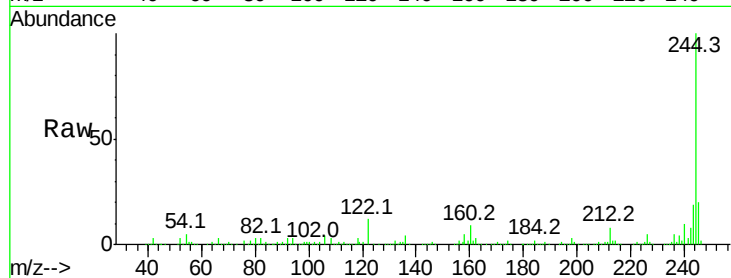




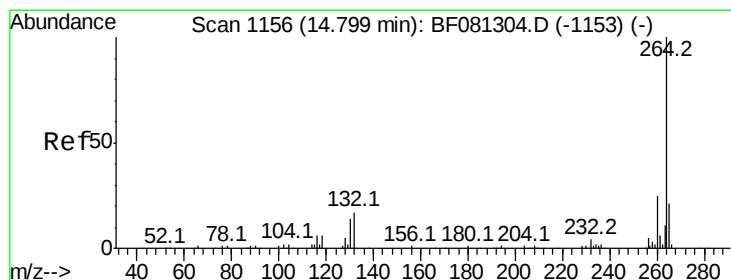
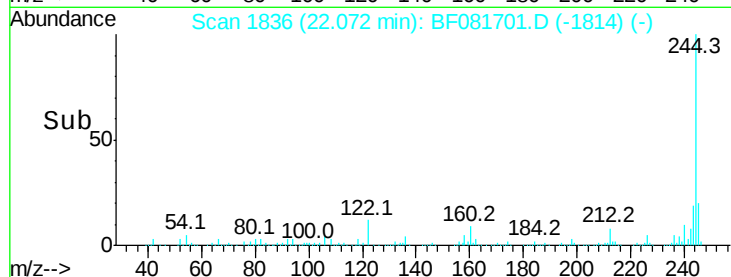
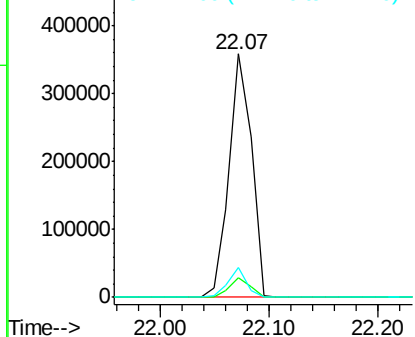
#78
 Terphenyl-d14
 Concen: 86.08 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-9-15-15

Tgt Ion:244 Resp: 509014
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 12.5 17.4 26.2#

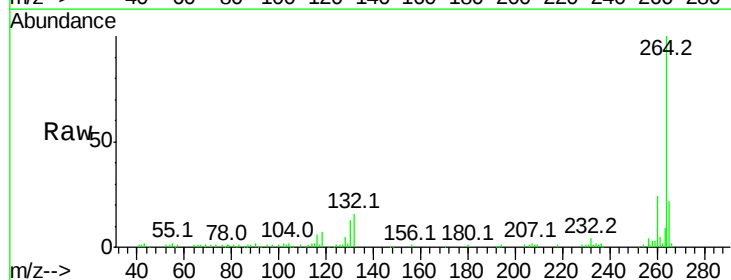


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.78 min Scan# 2073
 Delta R.T. -0.03 min
 Lab File: BF081701.D
 Acq: 18 Sep 2015 17:27

Tgt Ion:264 Resp: 93654
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 22.0 17.2 25.8



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

