

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091818.D
 Acq On : 20 Dec 2016 14:22
 Operator : UM/SJ
 Sample : H6165-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10

Quant Time: Dec 21 00:24:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

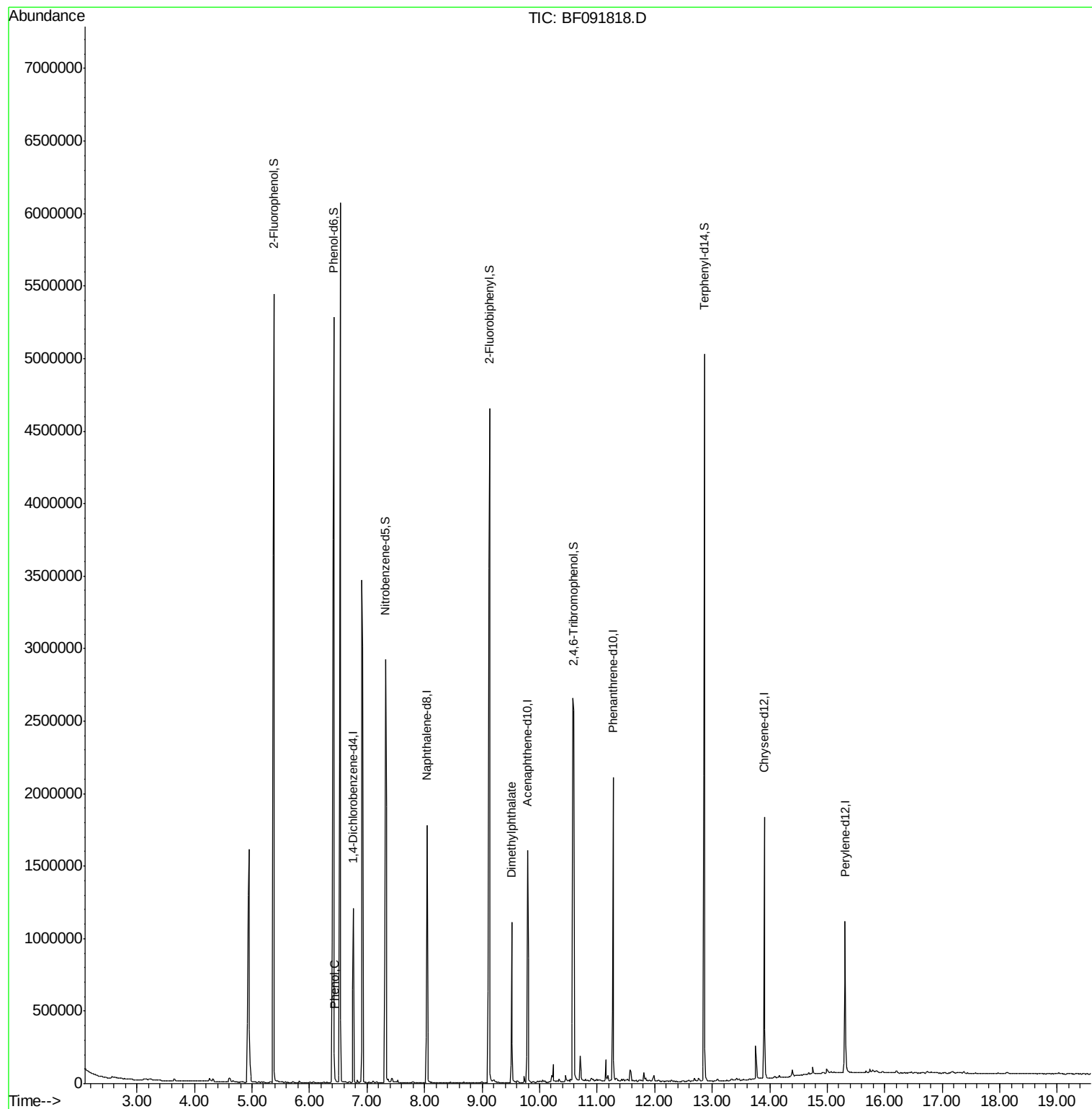
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	216599	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	857060	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	436520	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	754863	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	602164	20.00	ng	-0.02
86) Perylene-d12	15.31	264	501841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1875023	145.03	ng	0.01
7) Phenol-d6	6.42	99	2403715	152.45	ng	0.00
23) Nitrobenzene-d5	7.32	82	1405314	94.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	519948	140.47	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2106579	96.95	ng	-0.01
78) Terphenyl-d14	12.87	244	1645606	69.00	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	68862	3.87	ng	Qvalue # 60
49) Dimethylphthalate	9.52	163	471008	16.52	ng	99

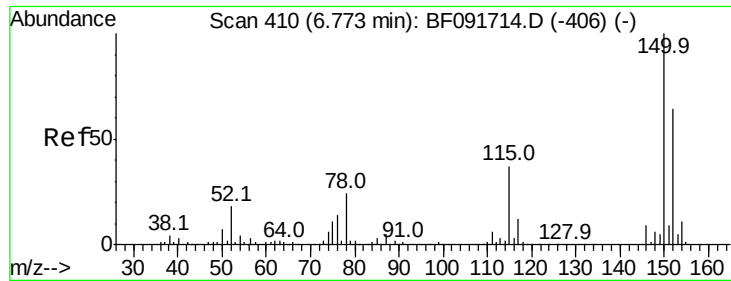
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SB-5-9-10

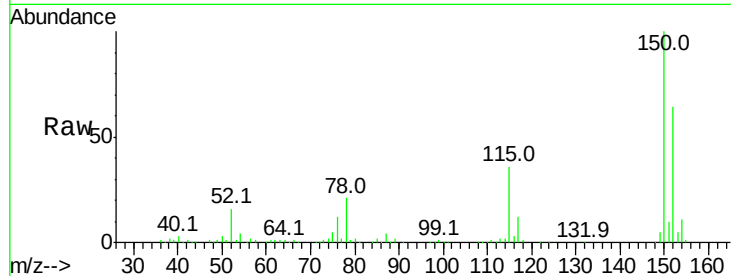
Tot Ion:152 Resp: 216599

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

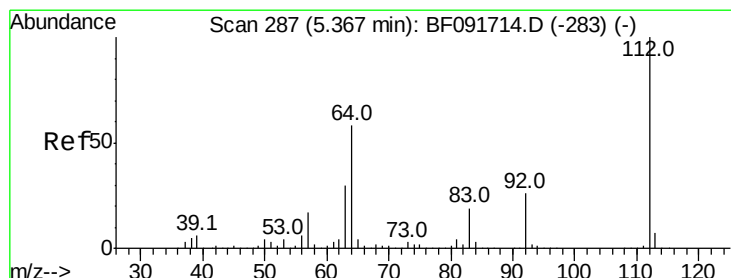
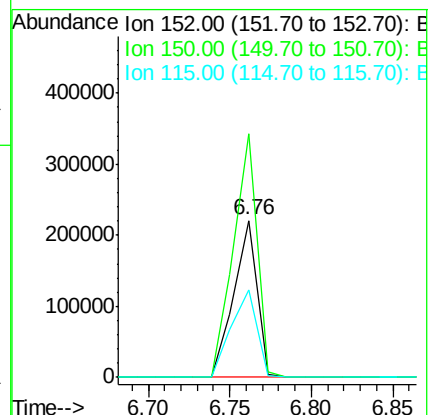
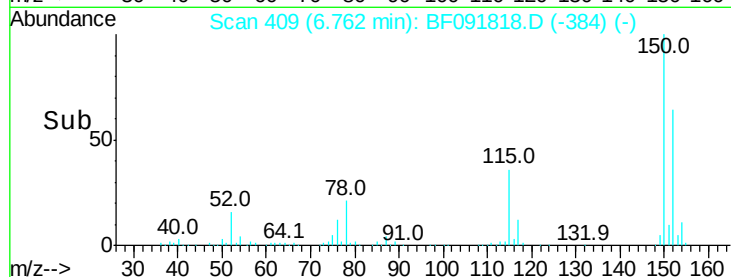
115 55.6 46.0 69.0



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: 145.03 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

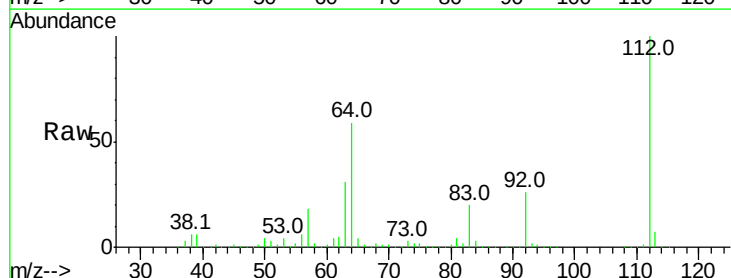
Tgt Ion:112 Resp: 1875023

Ion Ratio Lower Upper

112 100

64 58.8 46.1 69.1

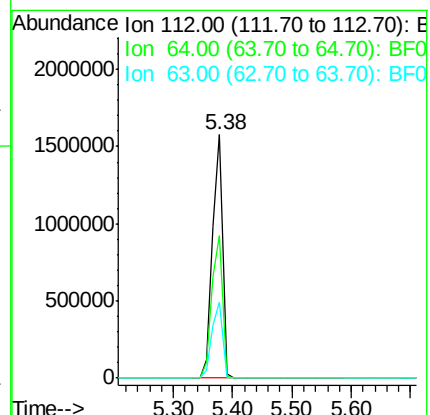
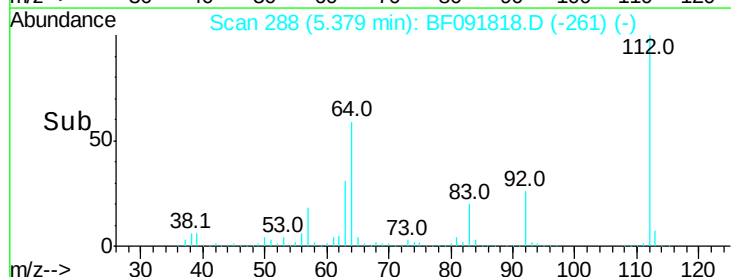
63 31.0 23.8 35.6

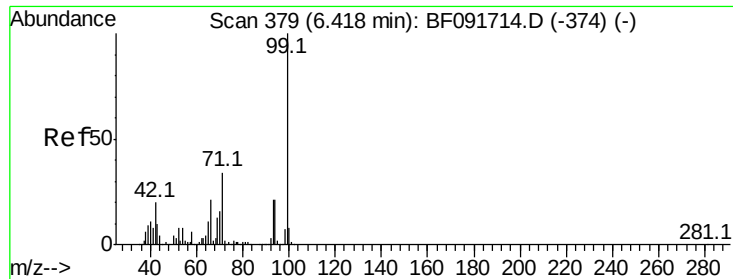


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 152.45 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SB-5-9-10

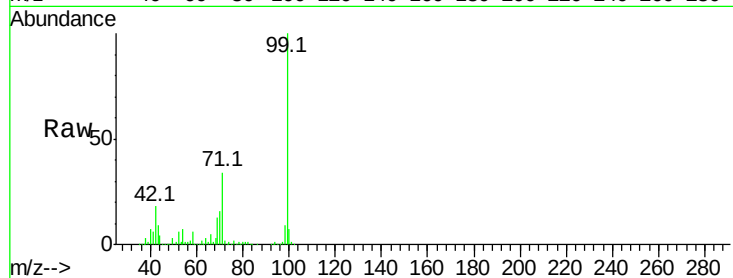
Tot Ion: 99 Resp: 2403715

Ion Ratio Lower Upper

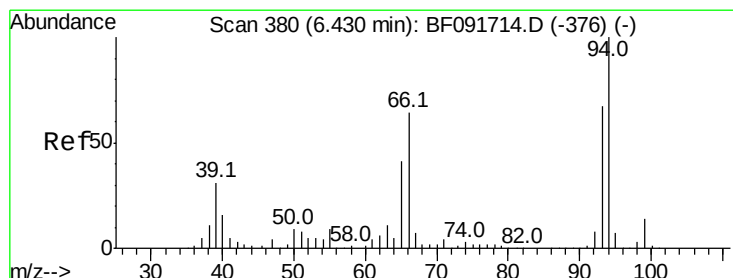
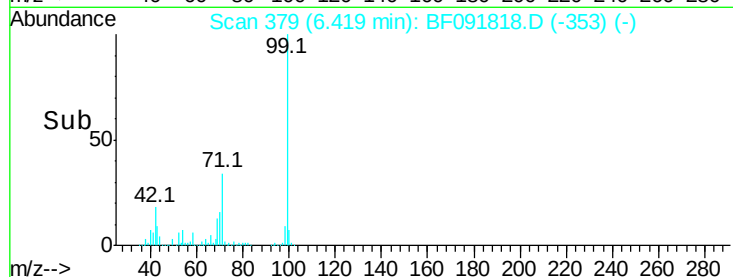
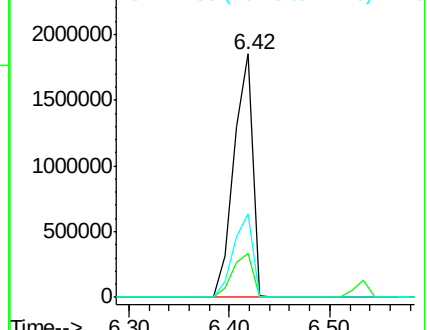
99 100

42 17.9 15.6 23.4

71 34.2 27.5 41.3



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



#10

Phenol

Concen: 3.87 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

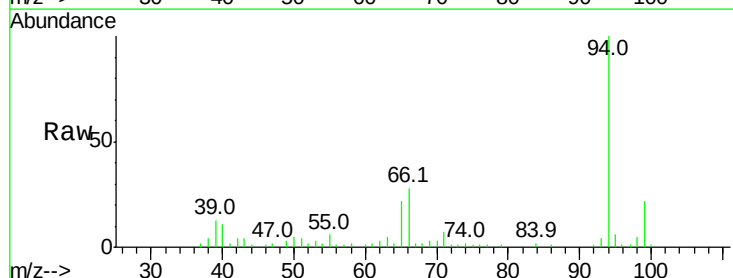
Tgt Ion: 94 Resp: 68862

Ion Ratio Lower Upper

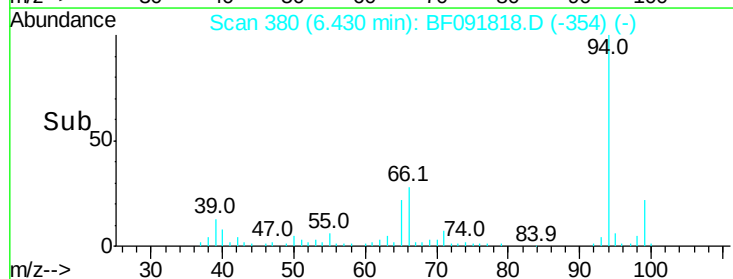
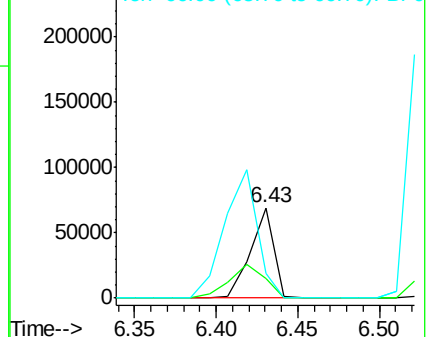
94 100

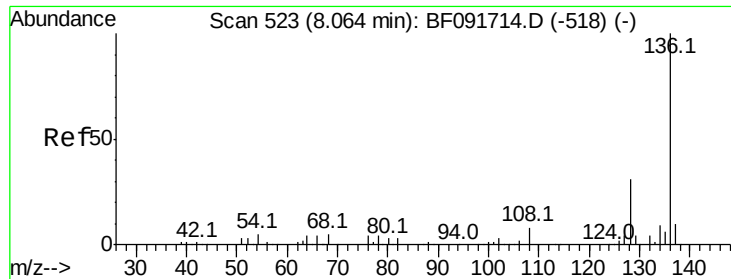
65 21.7 21.4 61.4

66 28.1 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

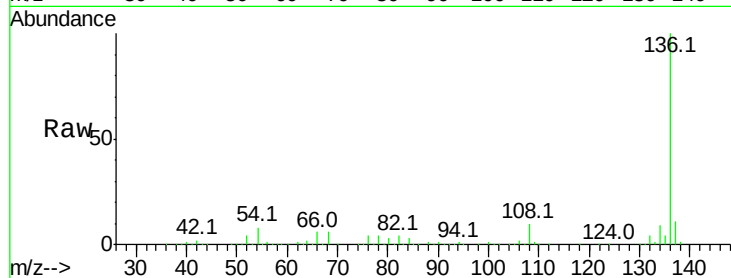




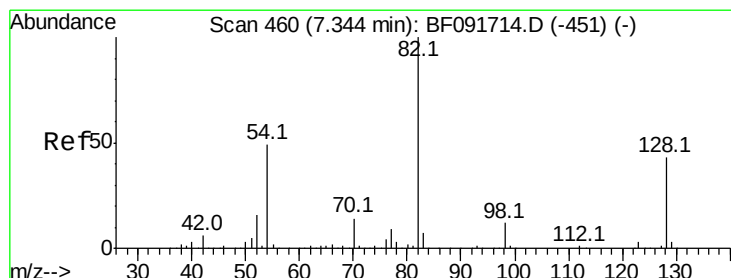
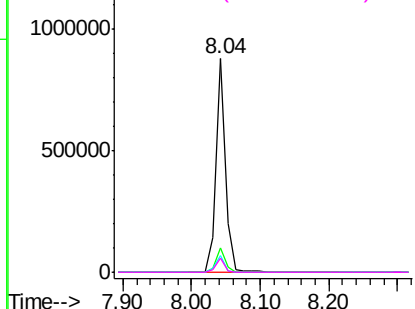
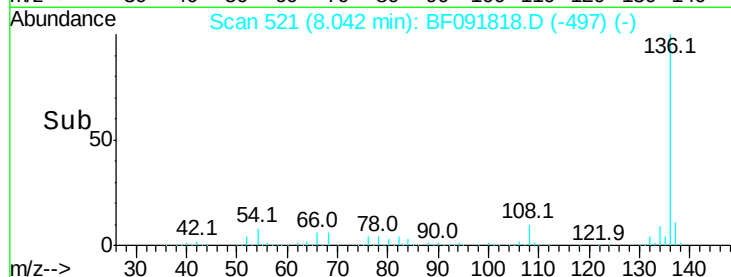
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

Instrument :
BNA_F
ClientSampleId :
SB-5-9-10

Tot Ion:	136	Resp:	857060
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.0	4.5	6.7#
68	6.4	3.6	5.4#

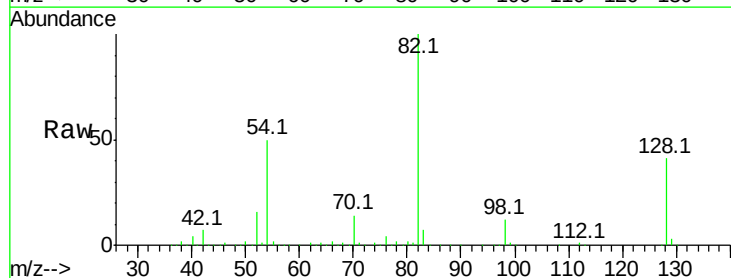


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

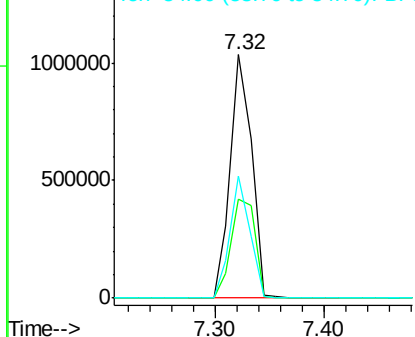
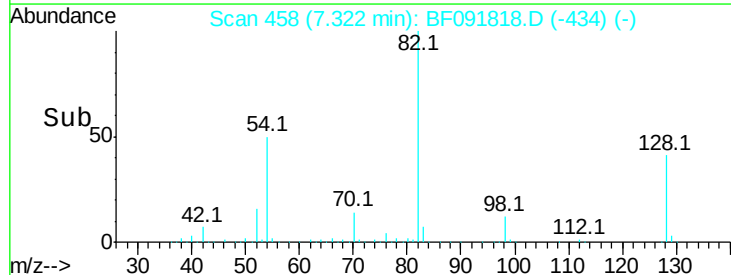


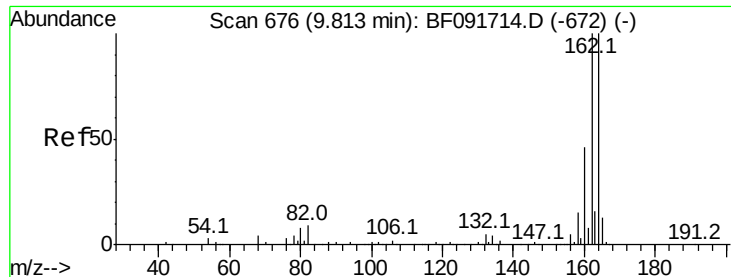
#23
Nitrobenzene-d5
Concen: 94.56 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

Tgt Ion:	82	Resp:	1405314
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	50.4	39.5	59.3



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

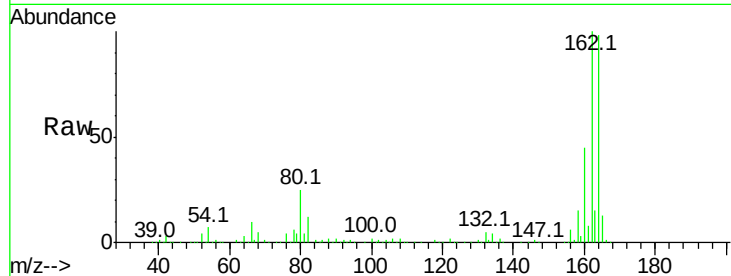




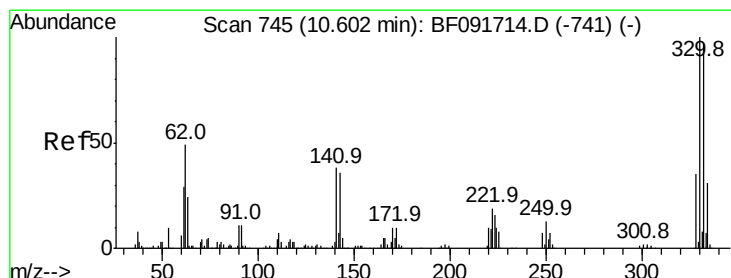
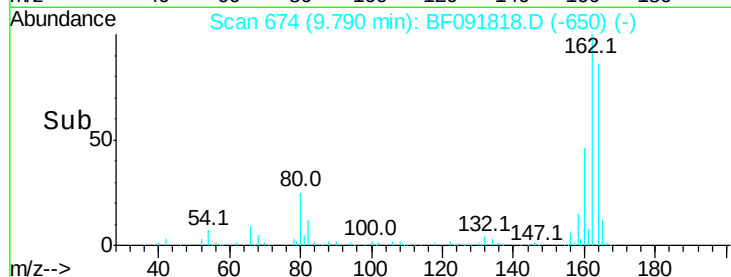
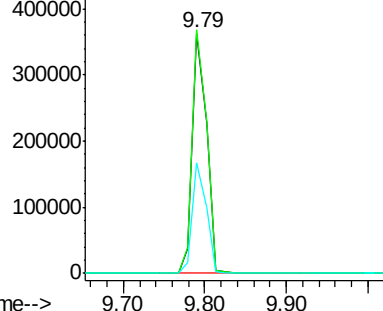
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

Instrument :
BNA_F
ClientSampleId :
SB-5-9-10

Tot Ion:164 Resp: 436520
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 45.9 36.9 55.3

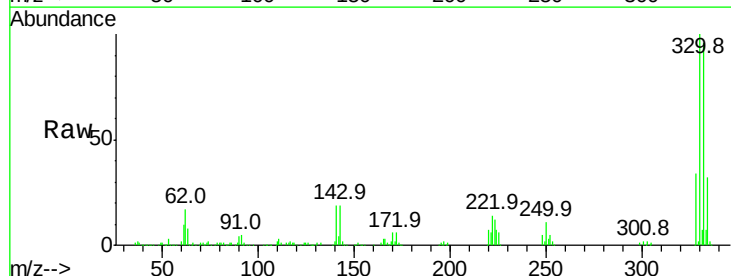


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

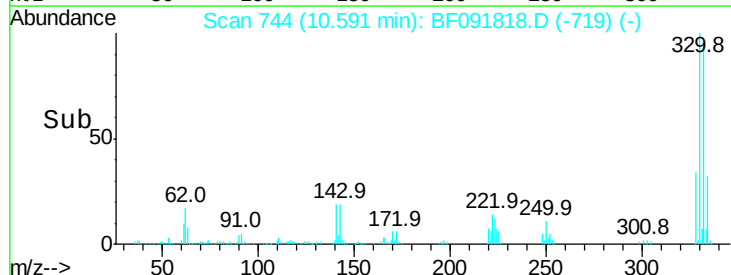
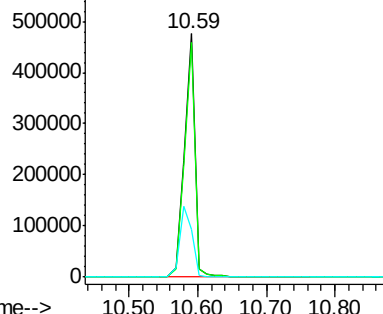


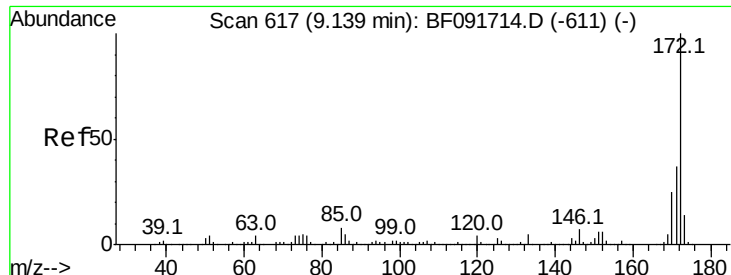
#41
2,4,6-Tribromophenol
Concen: 140.47 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

Tgt Ion:330 Resp: 519948
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 34.2 34.1 51.1



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

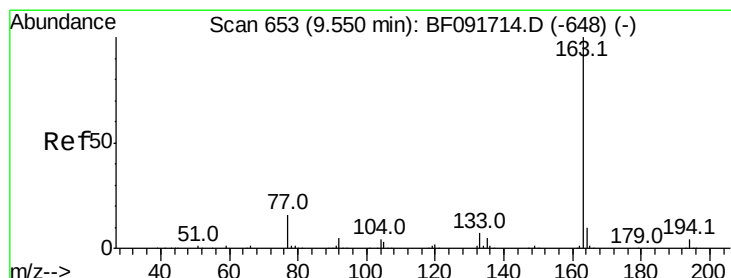
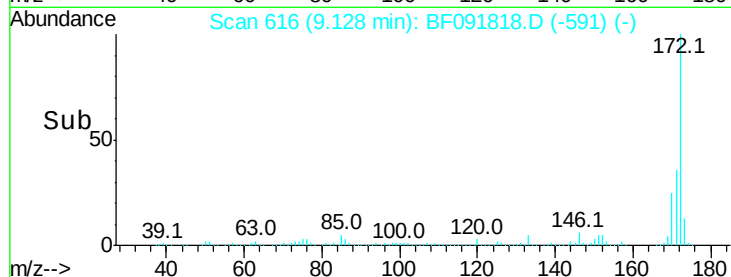
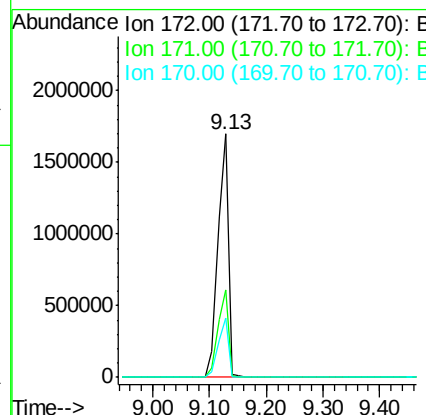
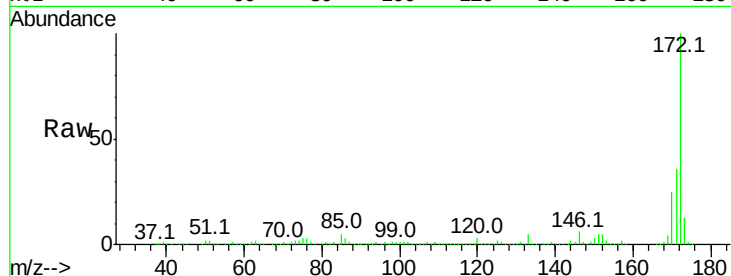




#44
2-Fluorobiphenyl
Concen: 96.95 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

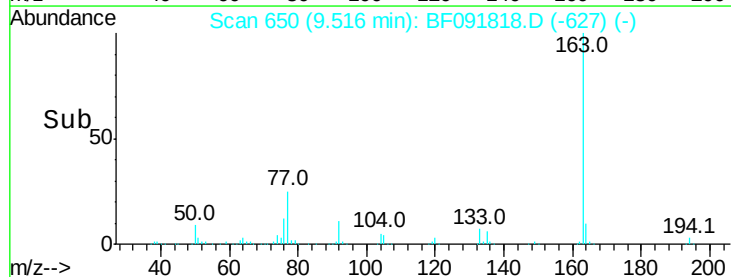
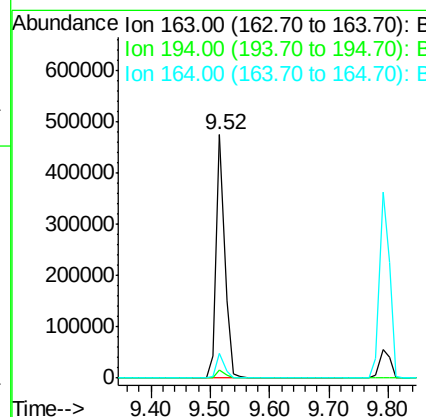
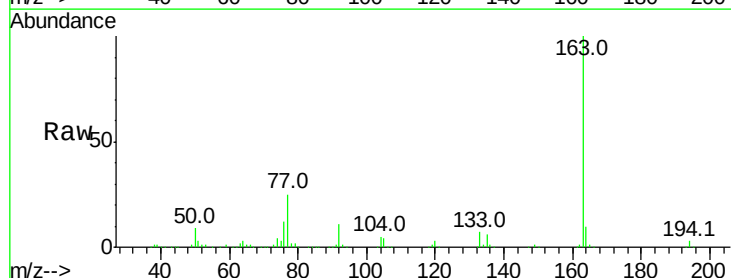
Instrument :
BNA_F
ClientSampleId :
SB-5-9-10

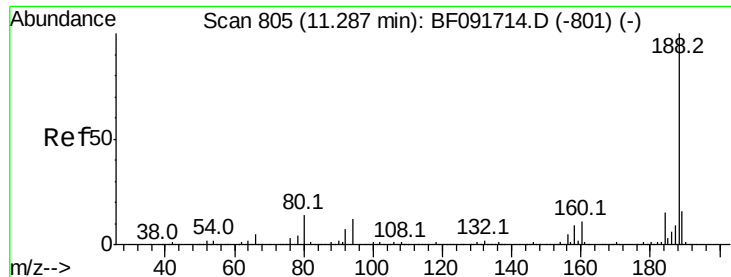
Tot Ion:172 Resp: 2106579
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.5 20.2 30.4



#49
Dimethylphthalate
Concen: 16.52 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

Tgt Ion:163 Resp: 471008
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 8.0 12.0

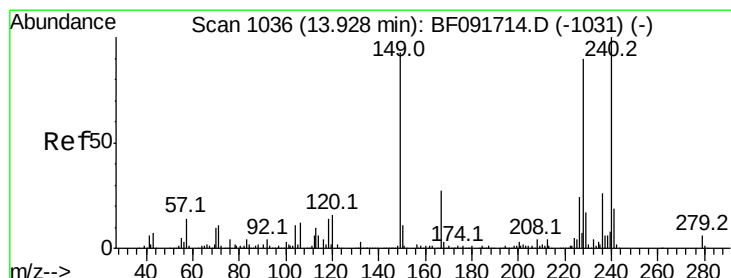
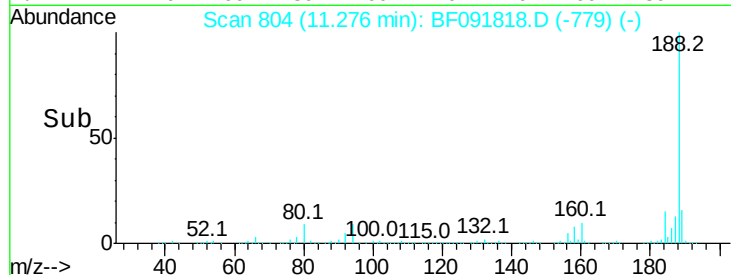
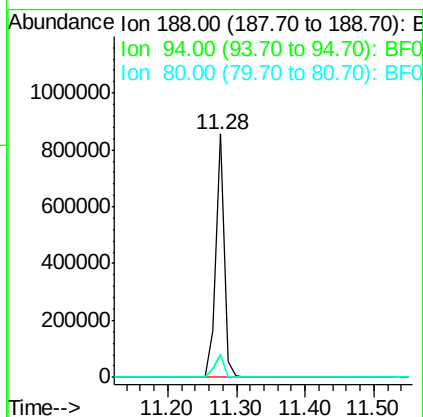
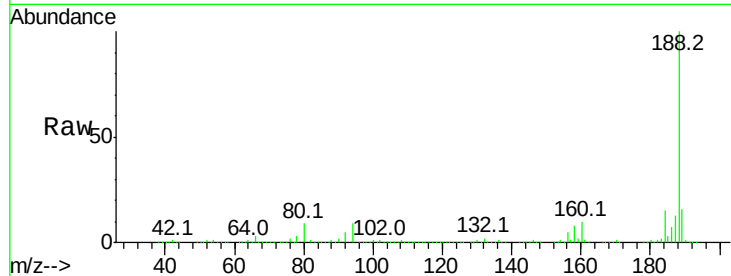




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

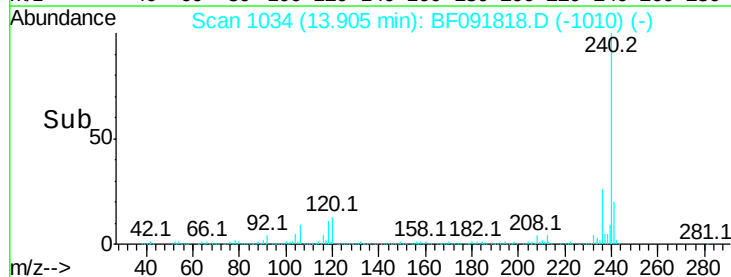
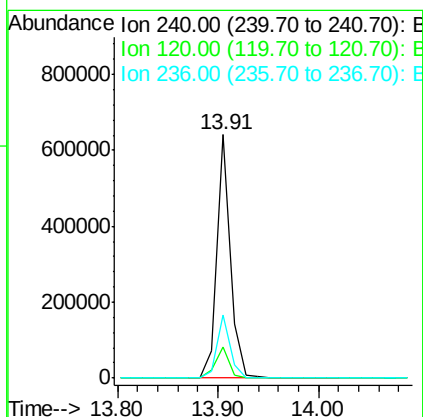
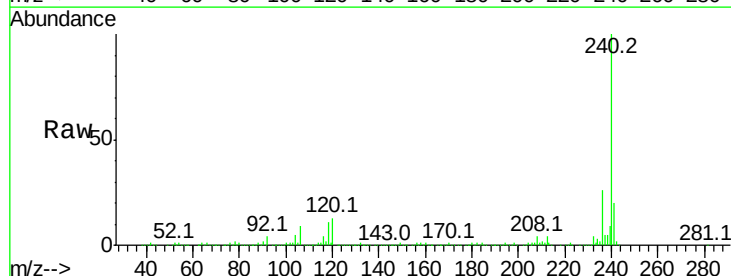
Instrument :
BNA_F
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SB-5-9-10

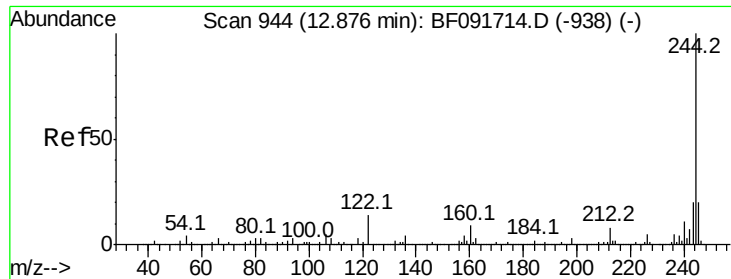
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.0	15.0#
80	9.5	11.2	16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	12.9	19.3
236	25.8	20.9	31.3

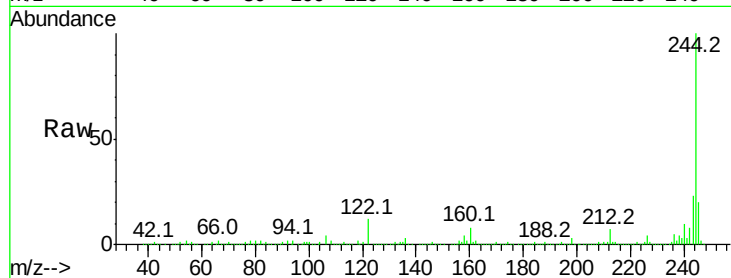




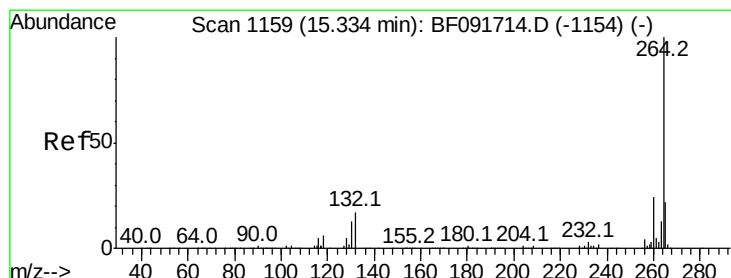
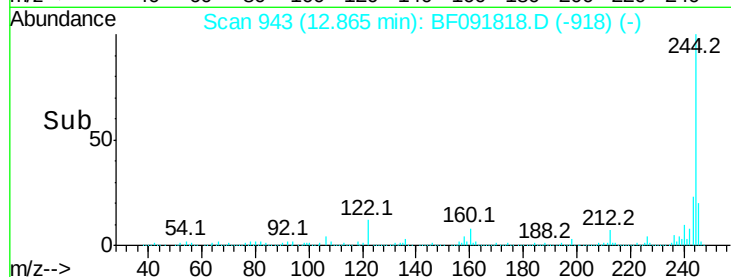
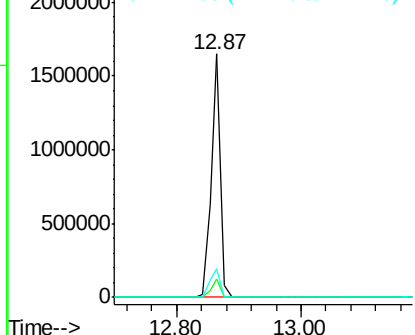
#78
 Terphenyl-d14
 Concen: 69.00 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10

Tot Ion:244 Resp: 1645606
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.8 11.4 17.2

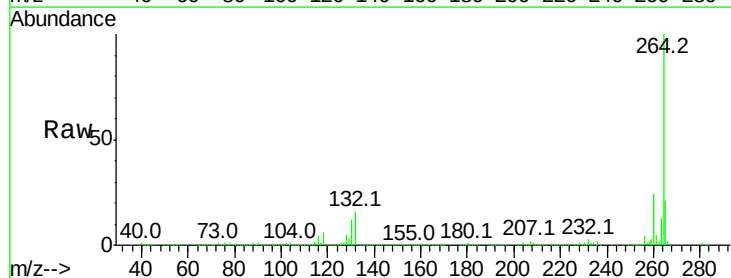


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Tgt Ion:264 Resp: 501841
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 17.4 26.0



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

