

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092051.D
 Acq On : 30 Dec 2016 17:54
 Operator : UM/SJ
 Sample : H6318-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 30 22:11:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

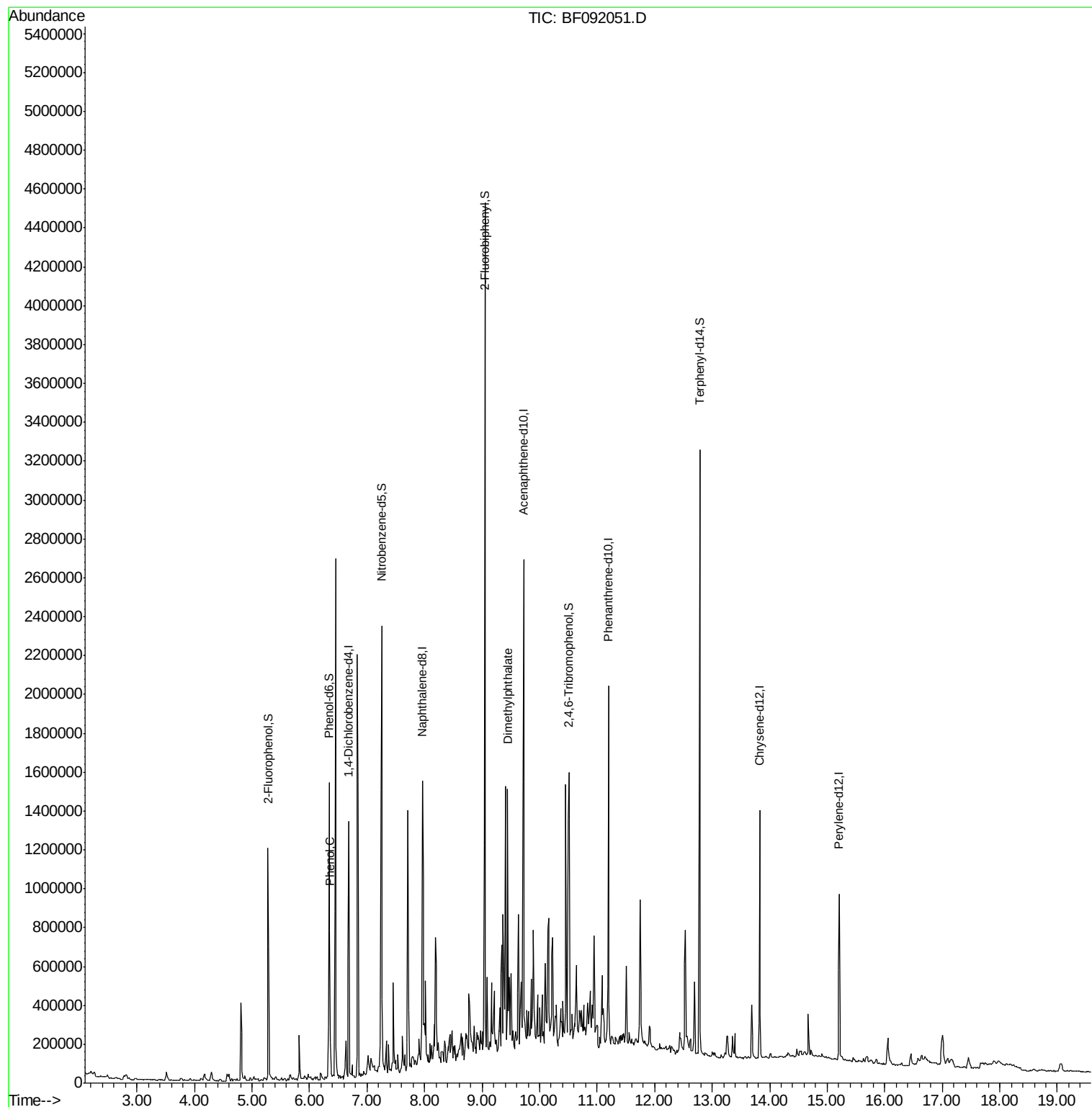
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	224789	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	808890	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	426504	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	647941	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	413290	20.00	ng	-0.05
86) Perylene-d12	15.21	264	392574	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	428622	31.84	ng	-0.05
7) Phenol-d6	6.34	99	492853	29.99	ng	-0.05
23) Nitrobenzene-d5	7.25	82	776529	53.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	227837	64.55	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1288513	57.77	ng	-0.03
78) Terphenyl-d14	12.79	244	1040976	61.09	ng	-0.03
Target Compounds						
10) Phenol	6.35	94	197726	10.56	ng	Qvalue # 70
49) Dimethylphthalate	9.45	163	469487	17.21	ng	99

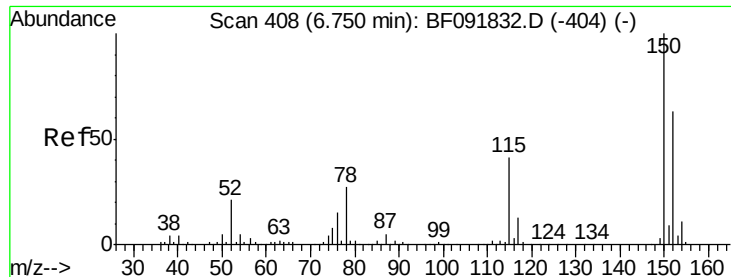
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

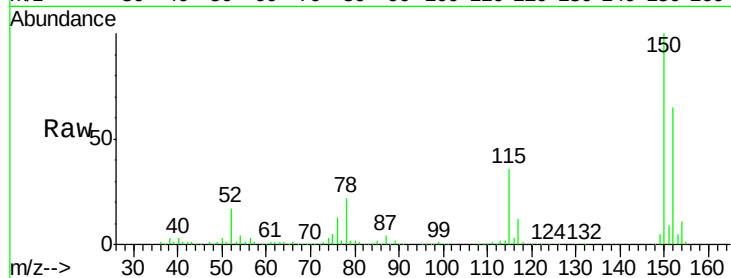
Tot Ion:152 Resp: 224789

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

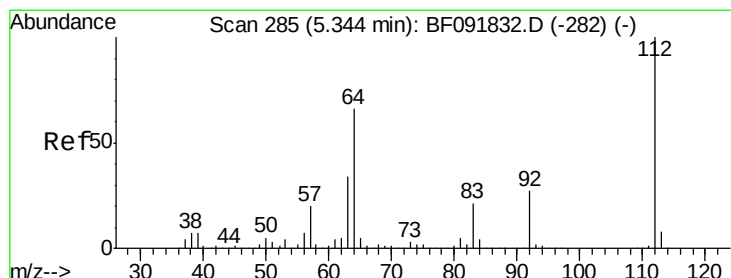
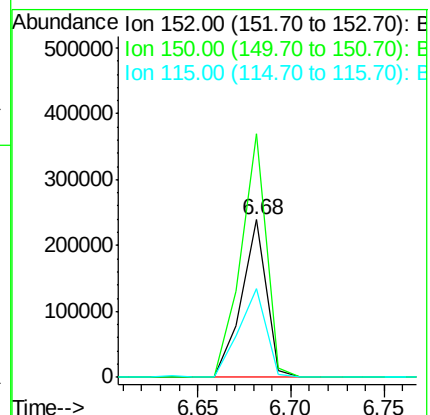
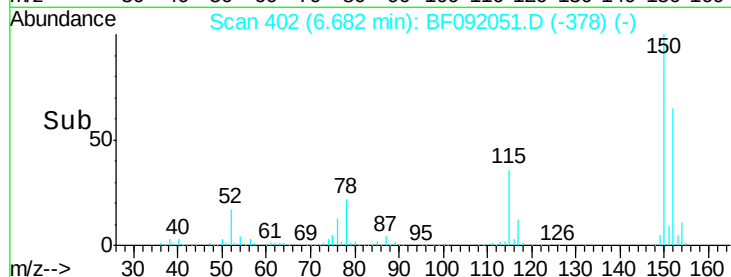
115 56.4 46.0 69.0



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: 31.84 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.05 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

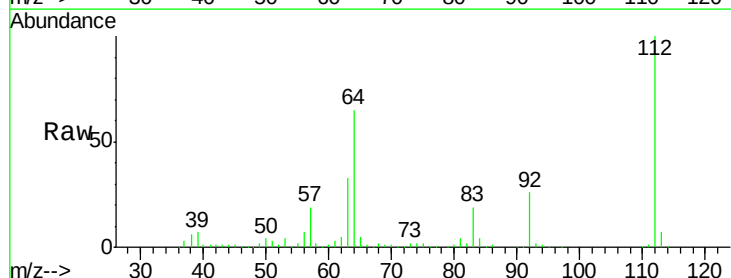
Tgt Ion:112 Resp: 428622

Ion Ratio Lower Upper

112 100

64 64.7 46.1 69.1

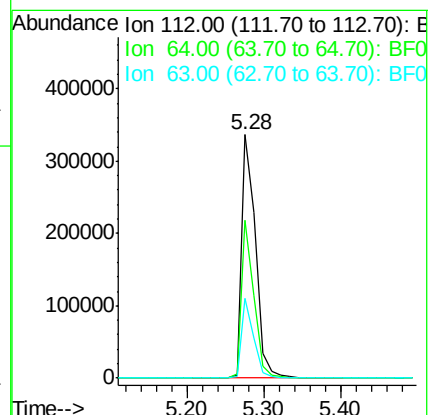
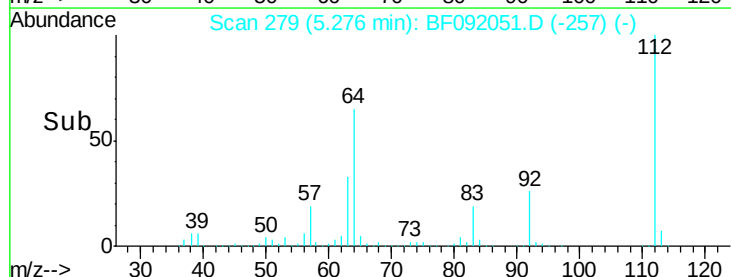
63 32.5 23.8 35.6

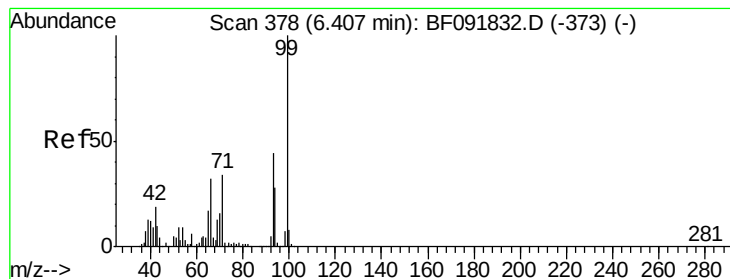


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.99 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

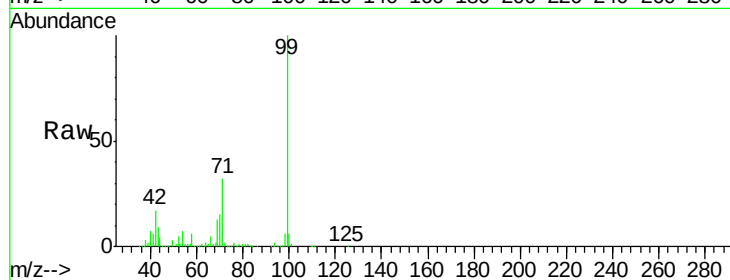
Tot Ion: 99 Resp: 492853

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

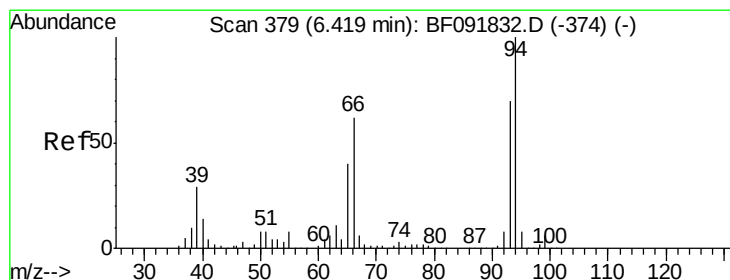
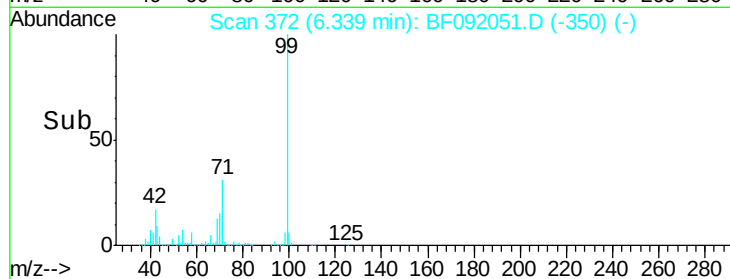
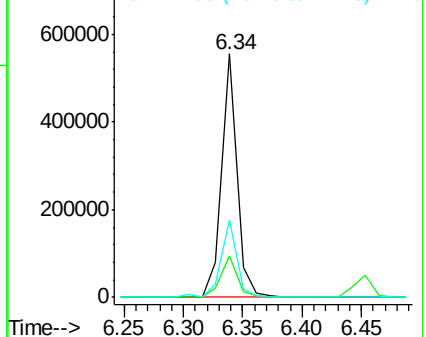
71 31.6 27.5 41.3



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: 10.56 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.05 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

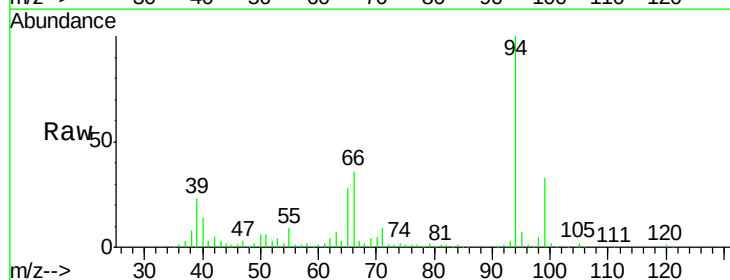
Tgt Ion: 94 Resp: 197726

Ion Ratio Lower Upper

94 100

65 28.3 21.4 61.4

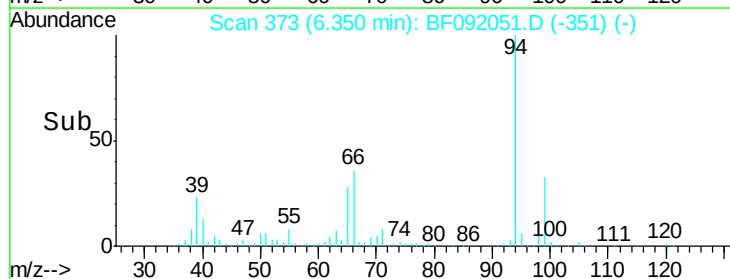
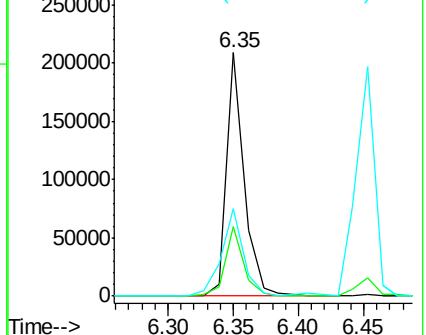
66 35.7 44.0 84.0#

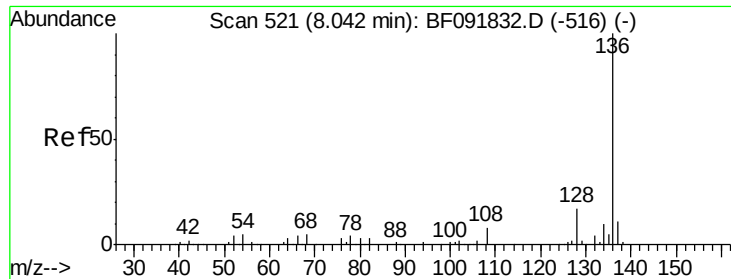


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

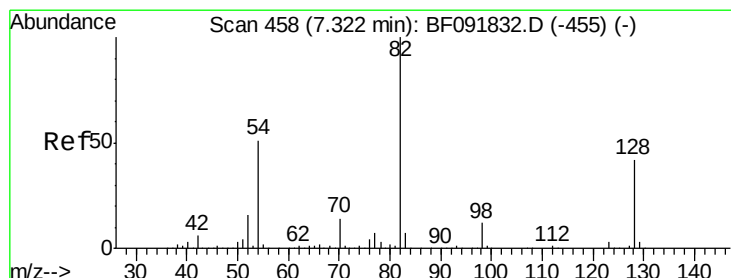
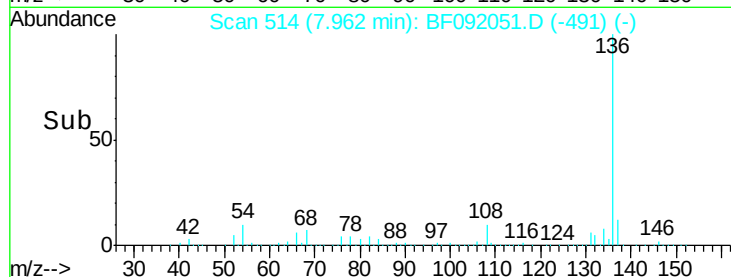
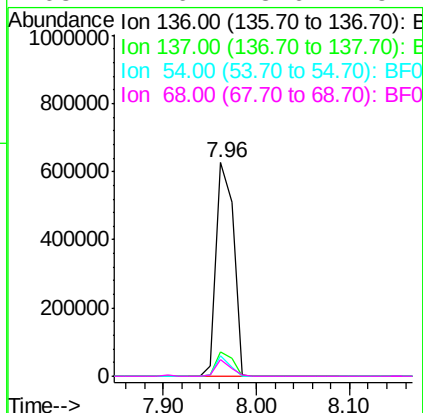
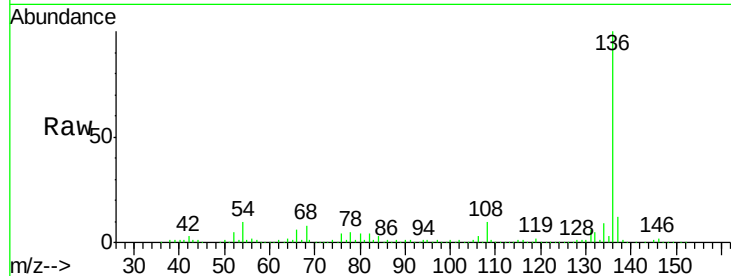




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092051.D
Acq: 30 Dec 2016 17:54

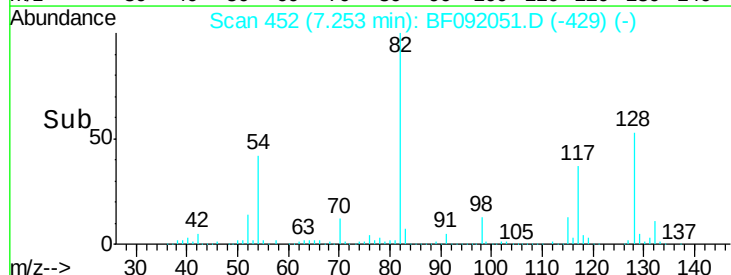
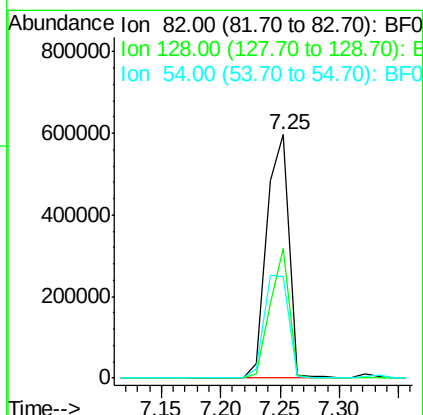
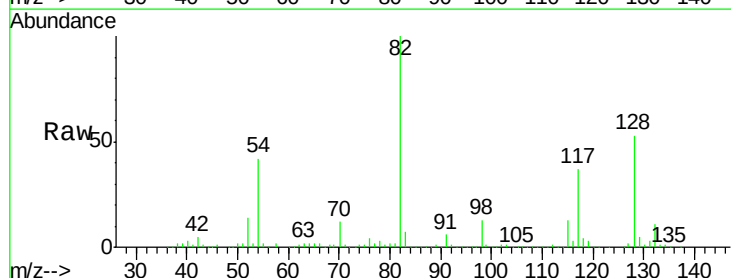
Instrument :
BNA_F
ClientSampleId :
MW-01

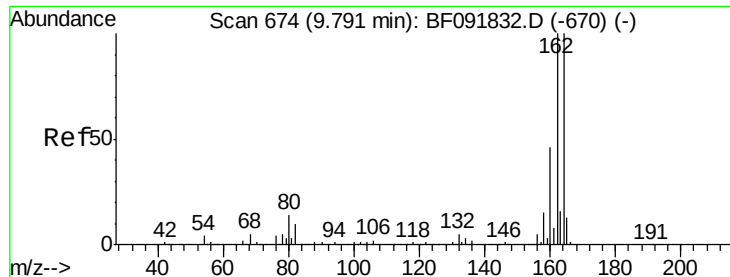
Tot Ion:136	Resp:	808890
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.4	12.6
54 9.8	4.5	6.7#
68 7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 53.38 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092051.D
Acq: 30 Dec 2016 17:54

Tgt	Ion: 82	Resp:	776529
Ion	Ratio	Lower	Upper
82	100		
128	53.4	34.6	52.0#
54	41.7	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

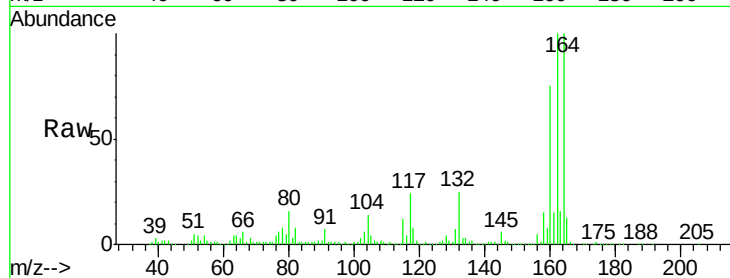
Tot Ion:164 Resp: 426504

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

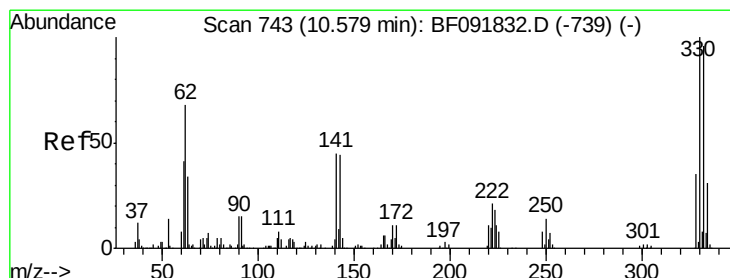
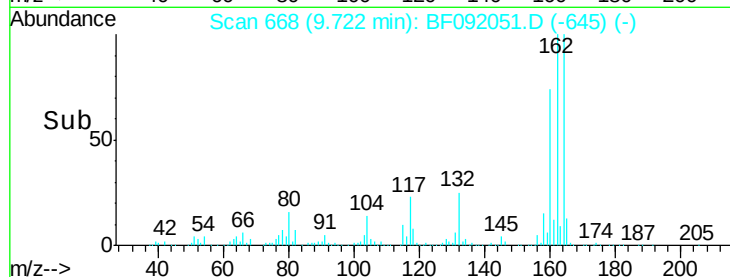
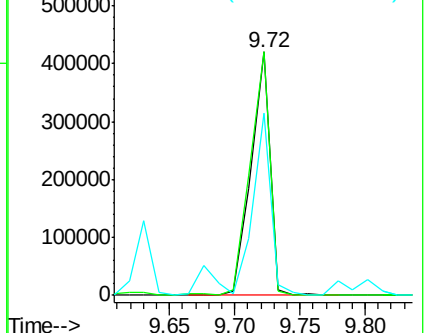
160 75.1 36.9 55.3#



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: 64.55 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

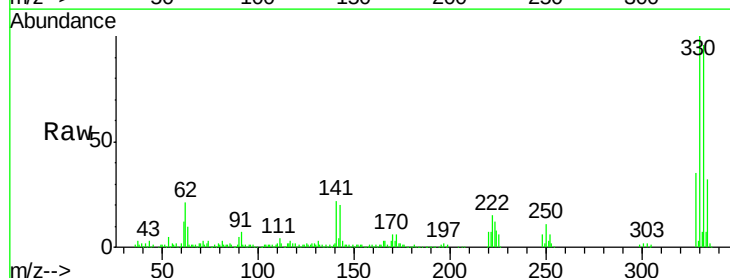
Tgt Ion:330 Resp: 227837

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

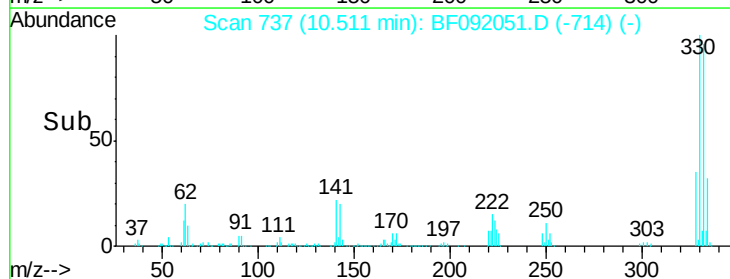
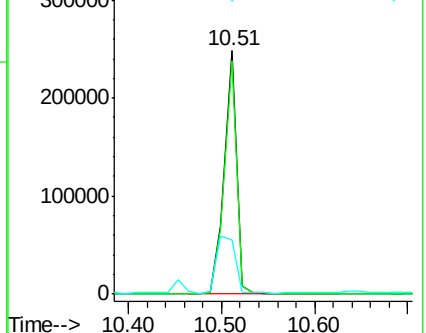
141 35.2 34.1 51.1

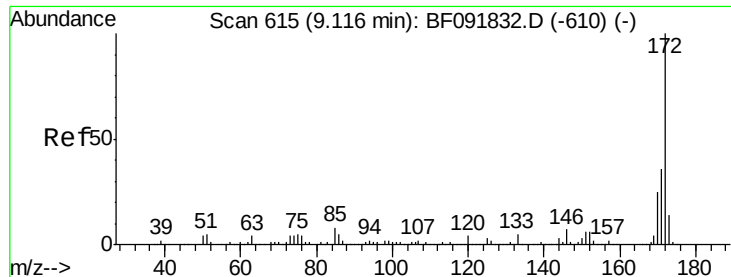


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

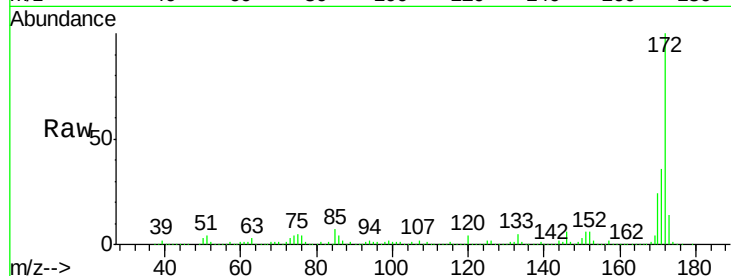




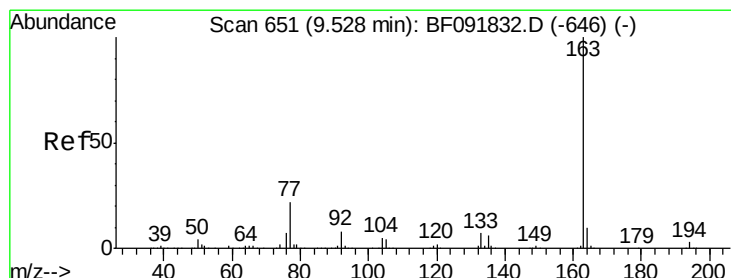
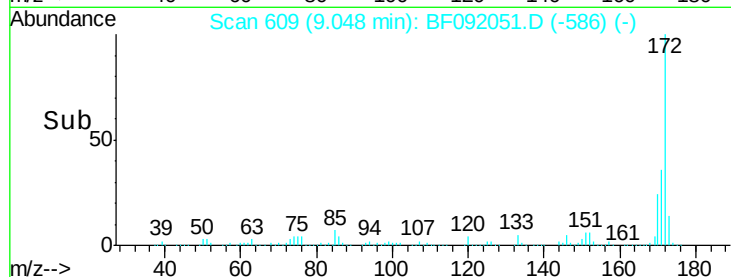
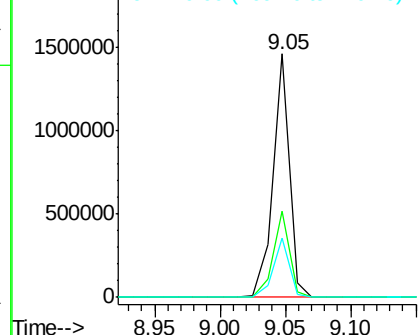
#44
2-Fluorobiphenyl
Concen: 57.77 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF092051.D
Acq: 30 Dec 2016 17:54

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion:172 Resp: 1288513
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 24.3 20.2 30.4

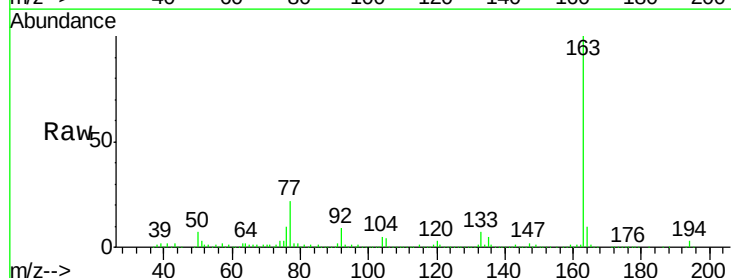


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

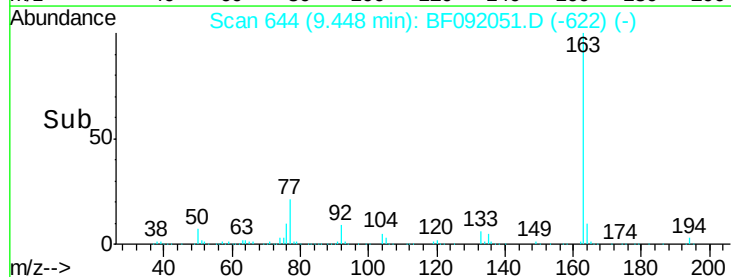
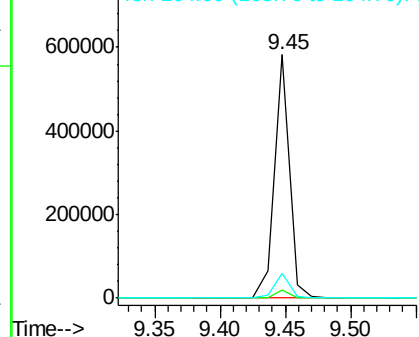


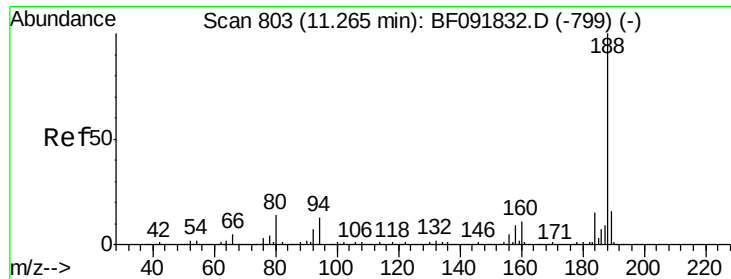
#49
Dimethylphthalate
Concen: 17.21 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF092051.D
Acq: 30 Dec 2016 17:54

Tgt Ion:163 Resp: 469487
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.2 8.0 12.0



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: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

Instrument :

BNA_F

ClientSampleId :

MW-01

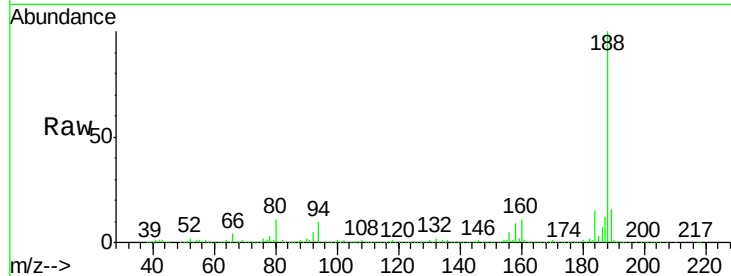
Tot Ion:188 Resp: 647941

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

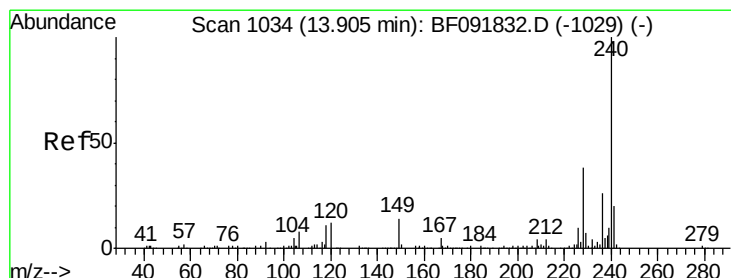
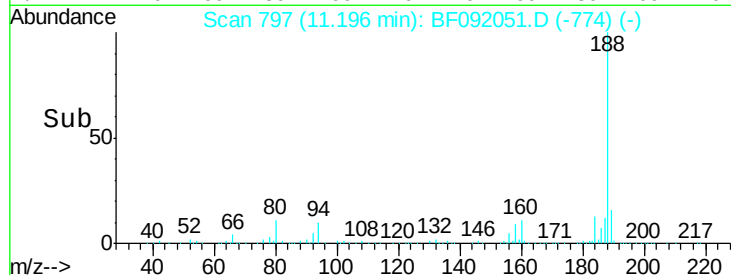
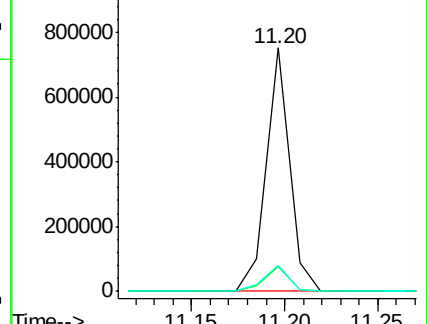
80 10.9 11.2 16.8#



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: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092051.D

Acq: 30 Dec 2016 17:54

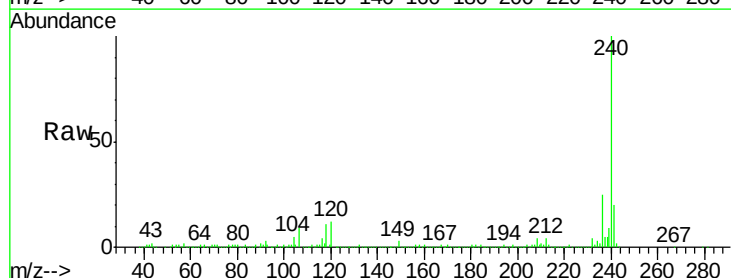
Tgt Ion:240 Resp: 413290

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

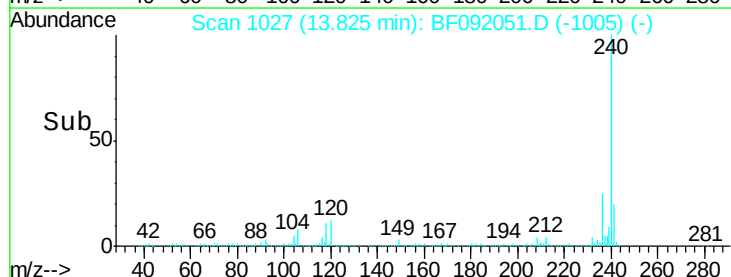
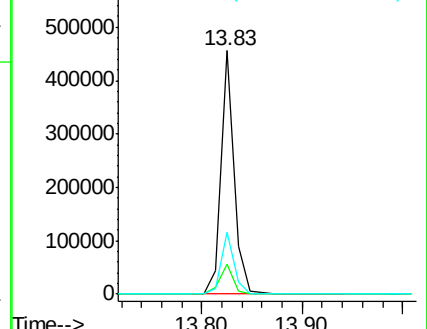
236 25.5 20.9 31.3

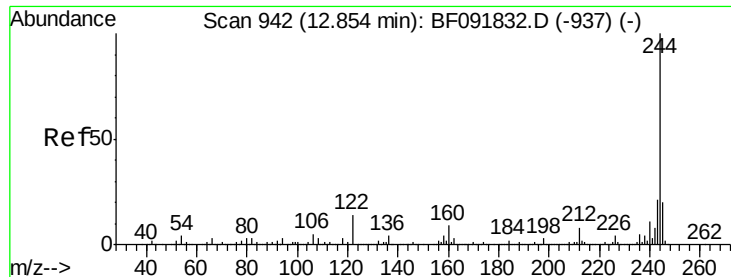


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



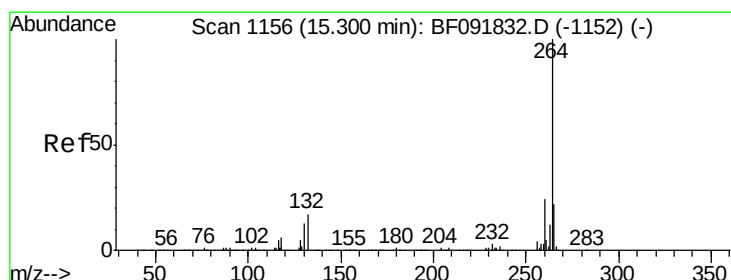
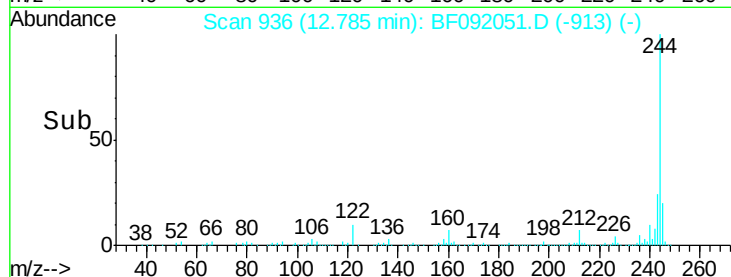
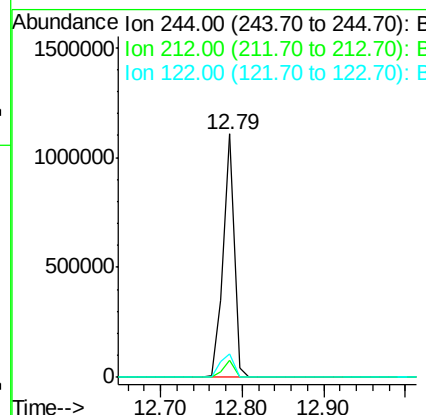
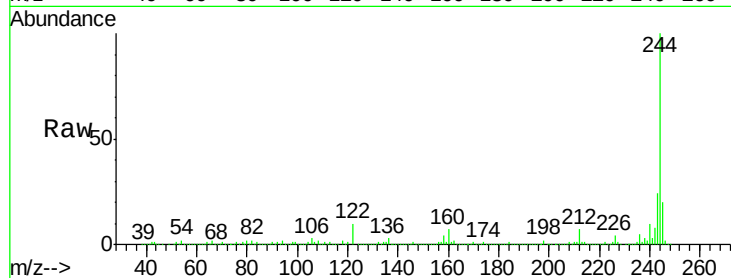


#78
 Terphenyl-d14
 Concen: 61.09 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: BF092051.D
 Acq: 30 Dec 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:244 Resp: 1040976

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	9.9	11.4	17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.05 min
 Lab File: BF092051.D
 Acq: 30 Dec 2016 17:54

Tgt Ion:264 Resp: 392574

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.4	26.0

