

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091749.D
 Acq On : 18 Dec 2016 21:09
 Operator : UM/SJ
 Sample : H6099-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS03-1FT

Quant Time: Dec 19 03:35:36 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

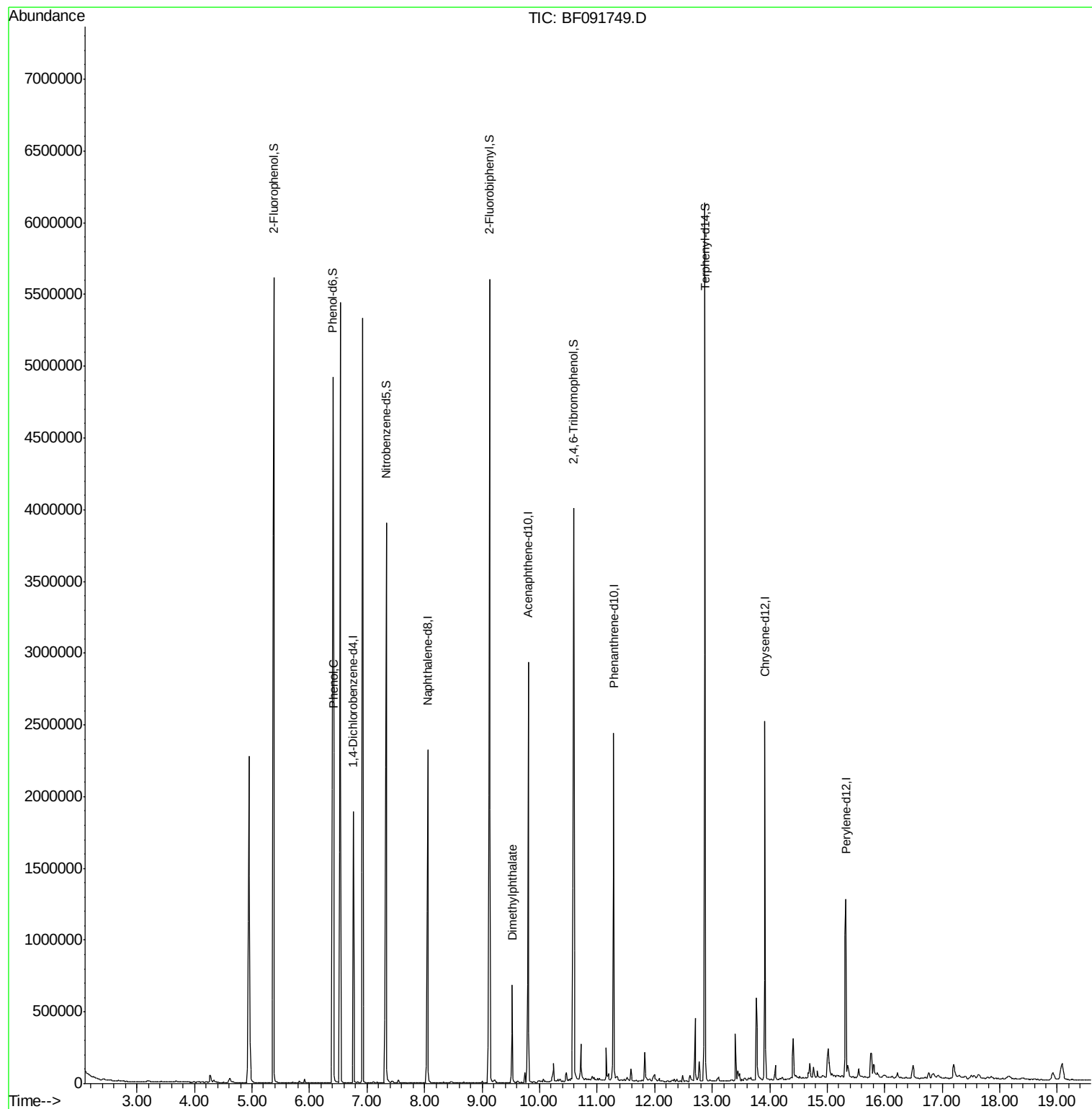
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	293958	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1294056	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	650655	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1110807	20.00	ng	0.00
75) Chrysene-d12	13.92	240	855769	20.00	ng	-0.01
86) Perylene-d12	15.32	264	652924	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1957717	111.58	ng	0.01
7) Phenol-d6	6.41	99	2236748	104.53	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1622251	72.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	546348	99.02	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2278519	70.35	ng	-0.01
78) Terphenyl-d14	12.88	244	2115715	62.42	ng	0.00
Target Compounds						
10) Phenol	6.42	94	117935	4.89	ng	91
49) Dimethylphthalate	9.53	163	356139	8.38	ng	99

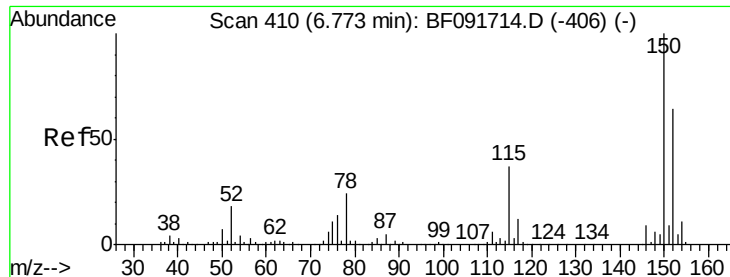
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
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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: BF091749.D

Acq: 18 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

SS03-1FT

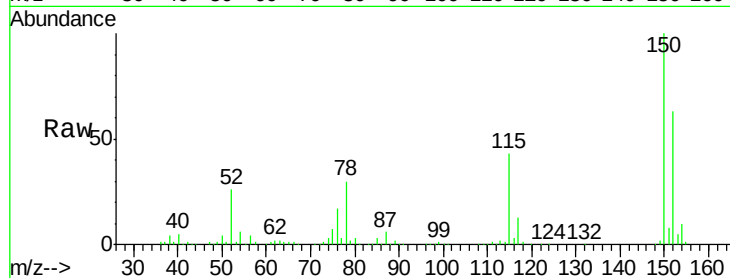
Tot Ion:152 Resp: 293958

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

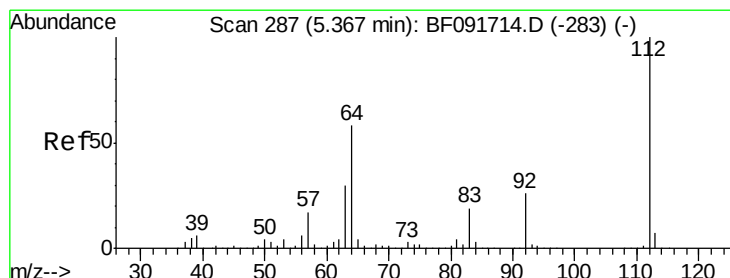
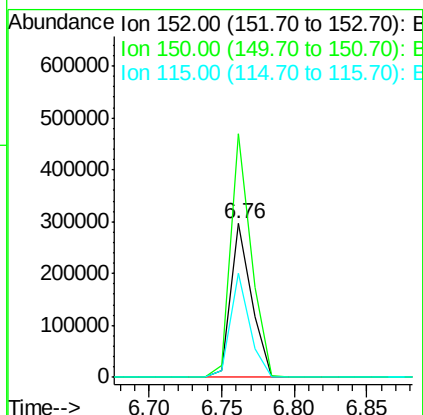
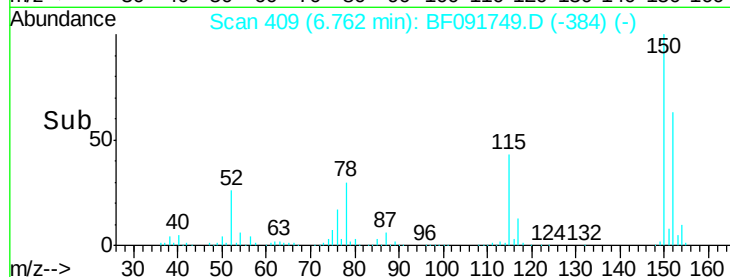
115 67.8 46.0 69.0



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: 111.58 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091749.D

Acq: 18 Dec 2016 21:09

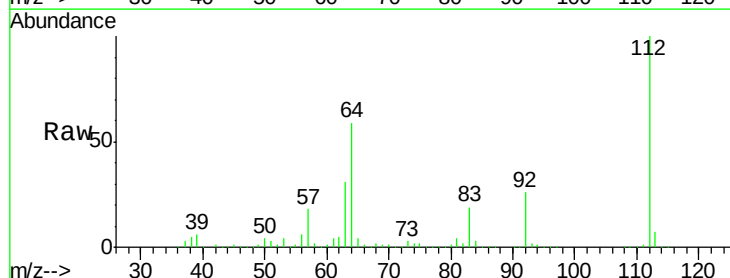
Tgt Ion:112 Resp: 1957717

Ion Ratio Lower Upper

112 100

64 58.9 46.1 69.1

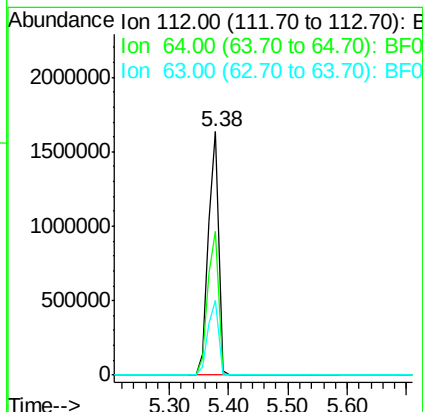
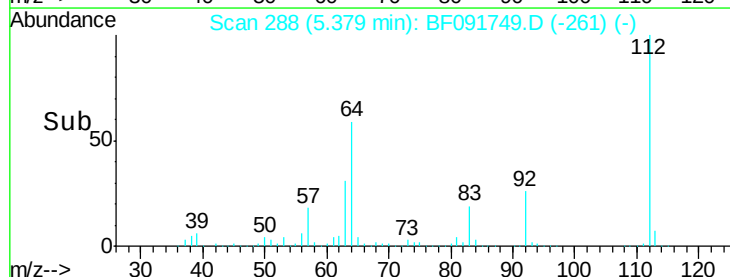
63 30.7 23.8 35.6

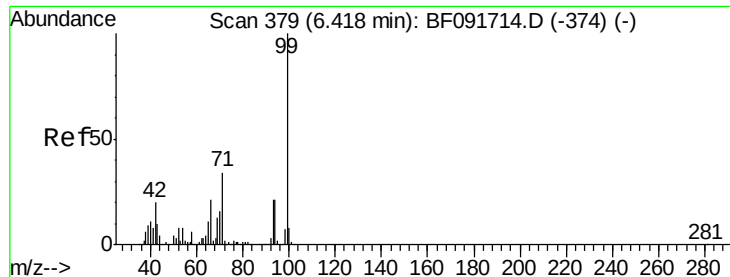


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.53 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091749.D

Acq: 18 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

SS03-1FT

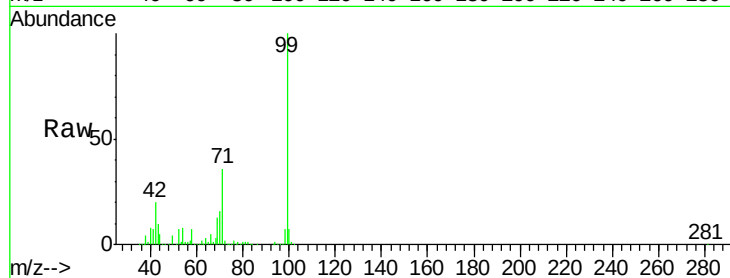
Tot Ion: 99 Resp: 2236748

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

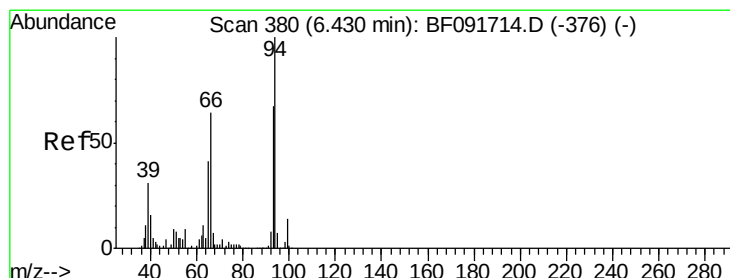
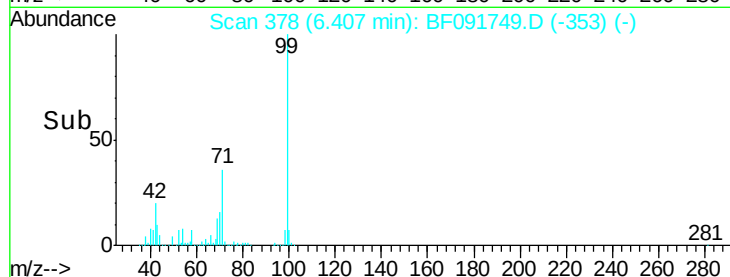
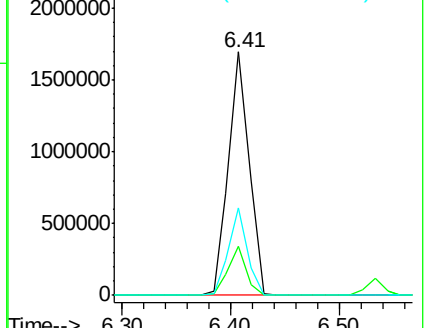
71 35.9 27.5 41.3



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: 4.89 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091749.D

Acq: 18 Dec 2016 21:09

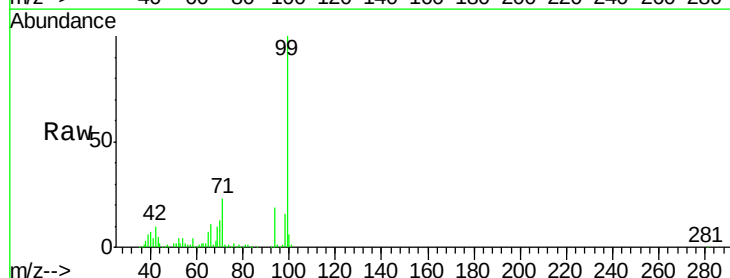
Tgt Ion: 94 Resp: 117935

Ion Ratio Lower Upper

94 100

65 35.5 21.4 61.4

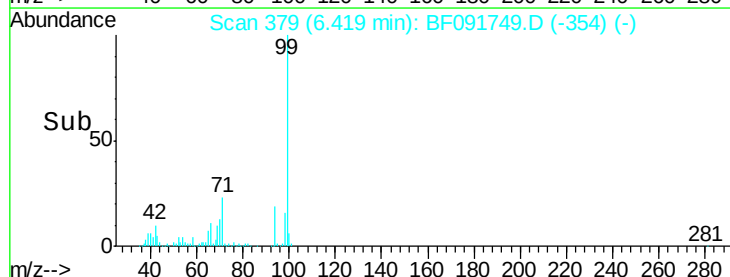
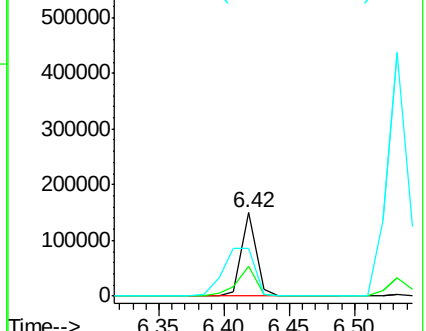
66 57.8 44.0 84.0

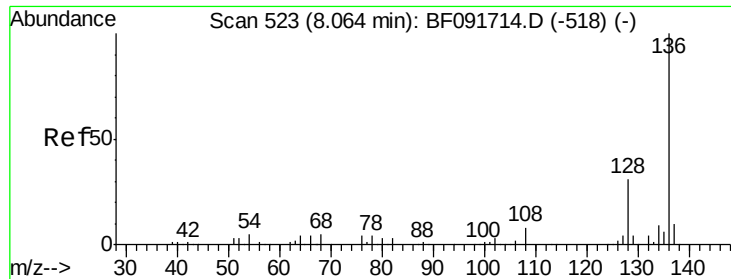


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

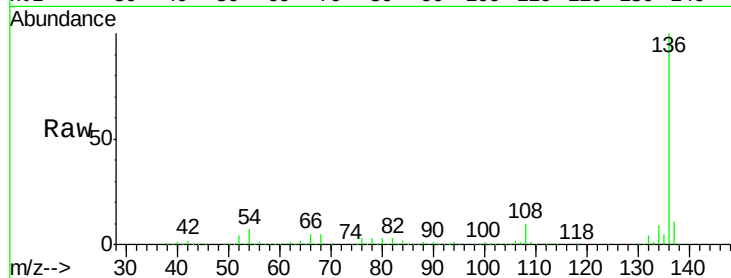




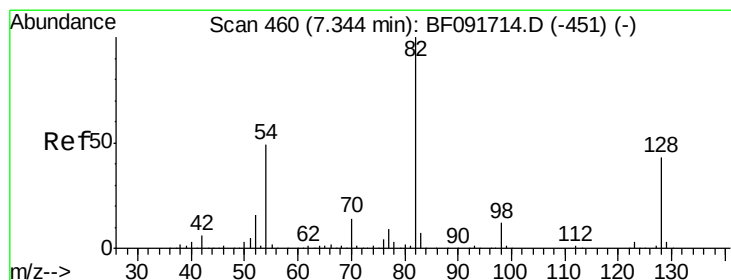
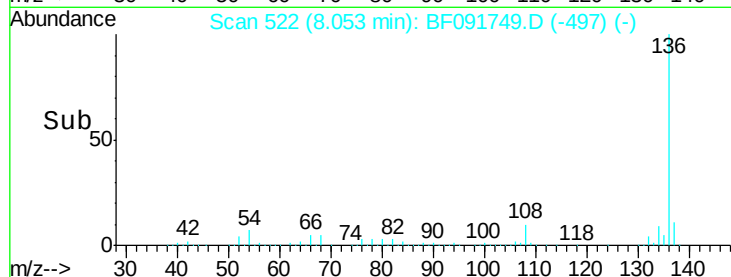
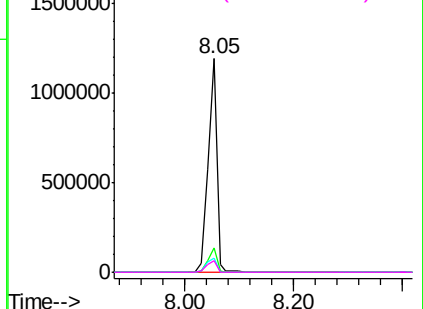
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091749.D
Acq: 18 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
SS03-1FT

Tot Ion:136 Resp: 1294056
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.8 4.5 6.7#
68 5.3 3.6 5.4

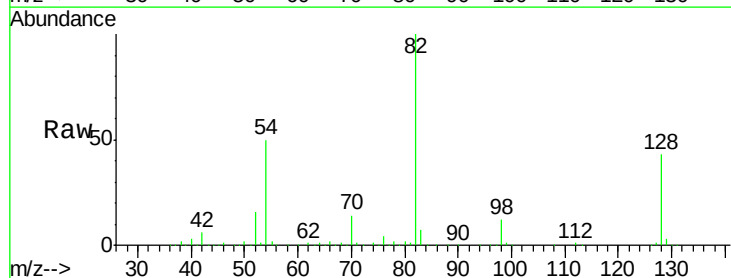


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

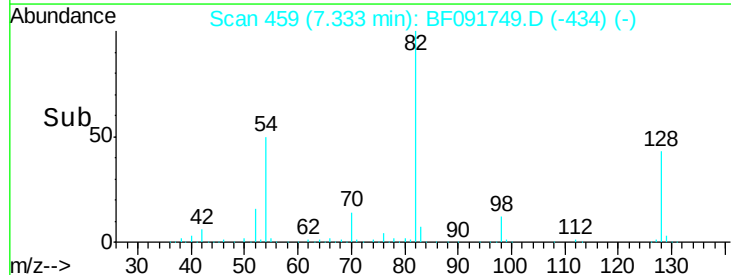
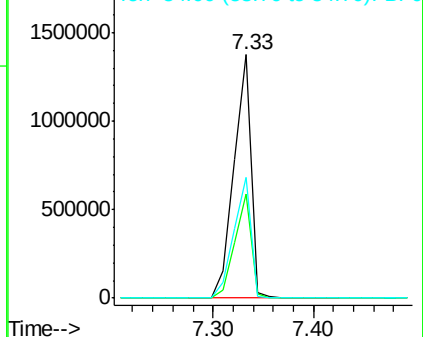


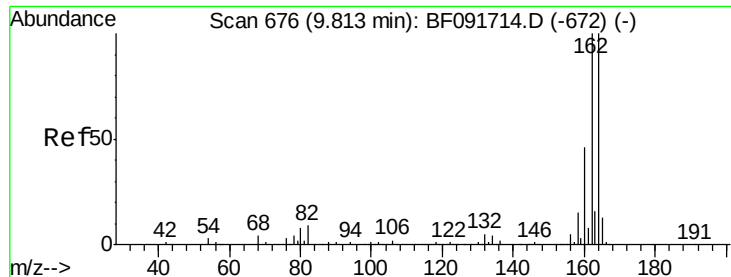
#23
Nitrobenzene-d5
Concen: 72.29 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091749.D
Acq: 18 Dec 2016 21:09

Tgt Ion: 82 Resp: 1622251
Ion Ratio Lower Upper
82 100
128 42.9 34.6 52.0
54 49.8 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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091749.D

Acq: 18 Dec 2016 21:09

Instrument :

BNA_F

ClientSampleId :

SS03-1FT

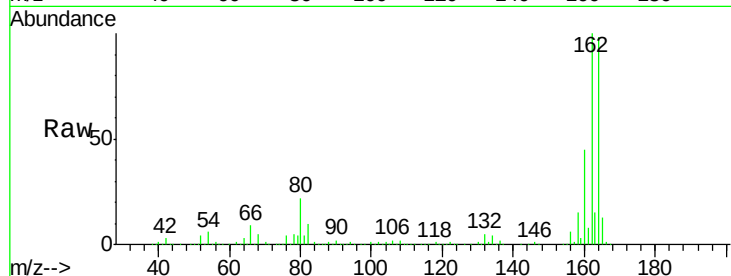
Tot Ion:164 Resp: 650655

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

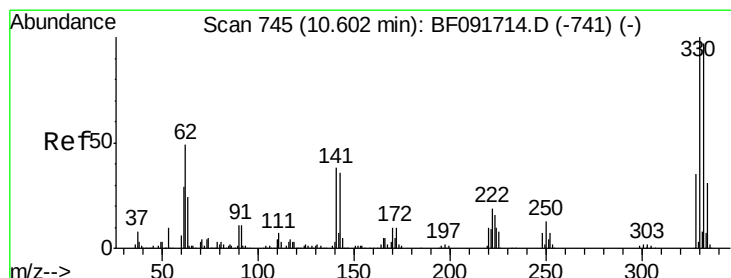
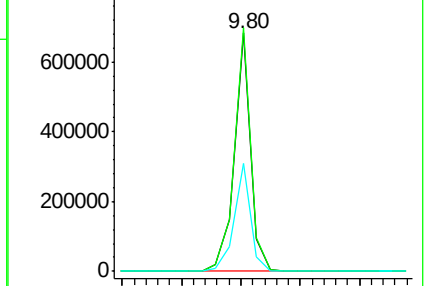
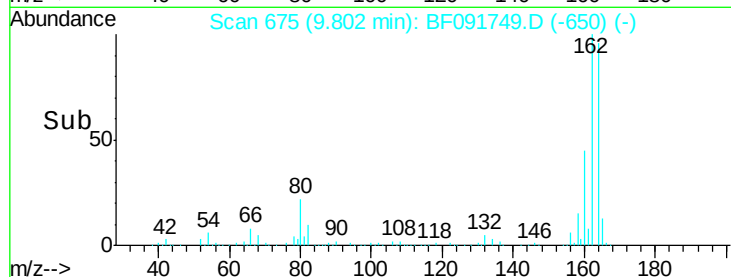
160 45.6 36.9 55.3



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: 99.02 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091749.D

Acq: 18 Dec 2016 21:09

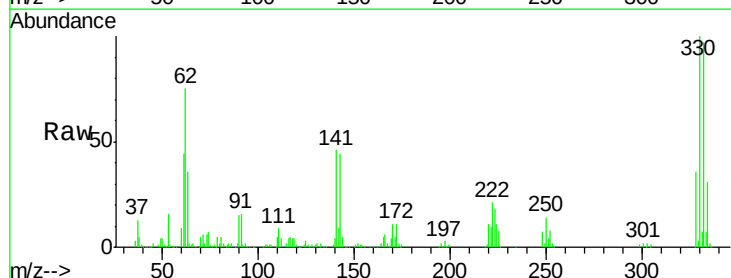
Tgt Ion:330 Resp: 546348

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

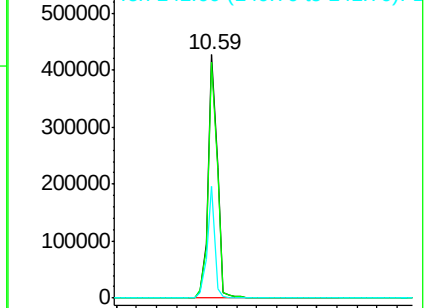
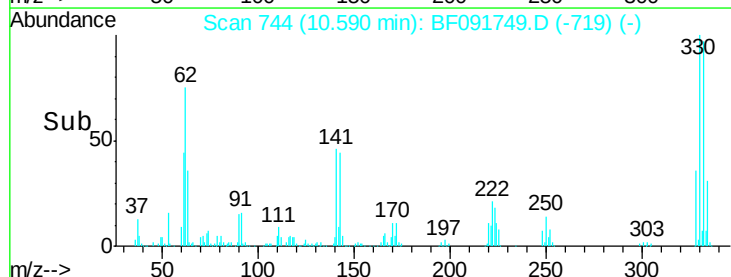
141 37.5 34.1 51.1

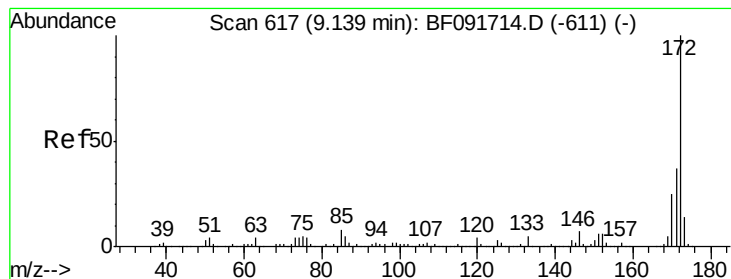


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 70.35 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF091749.D

Acq: 18 Dec 2016 21:09

Instrument :

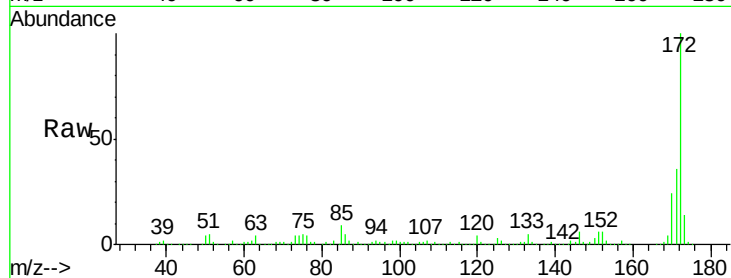
BNA_F

ClientSampleId :

SS03-1FT

Tot Ion:172 Resp: 2278519

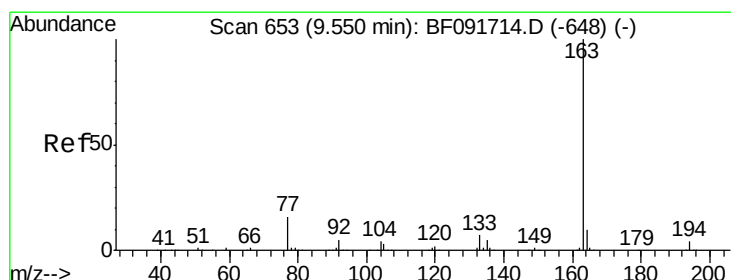
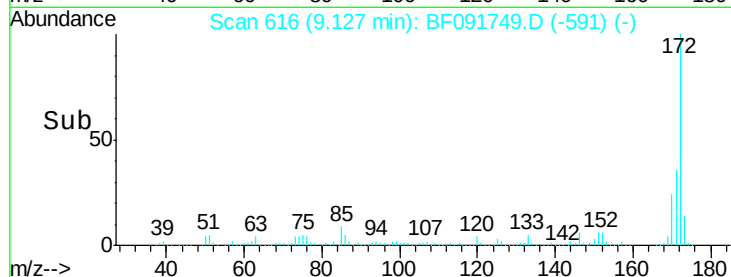
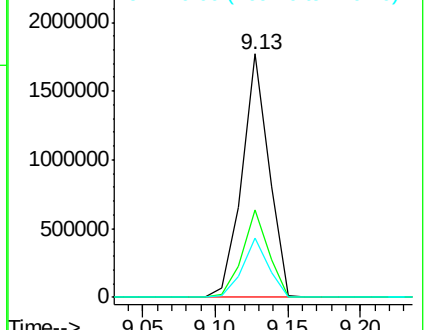
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	20.2	30.4



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: 8.38 ng

RT: 9.53 min Scan# 651

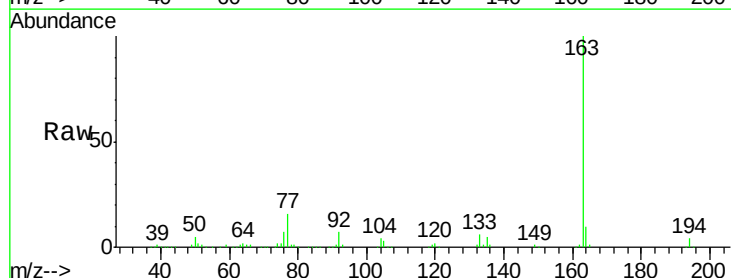
Delta R.T. -0.02 min

Lab File: BF091749.D

Acq: 18 Dec 2016 21:09

Tgt Ion:163 Resp: 356139

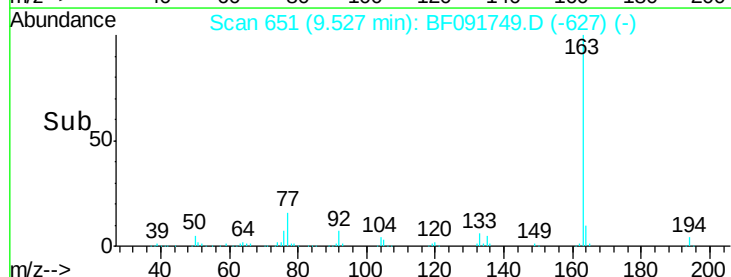
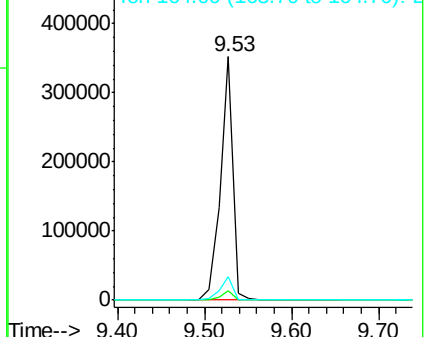
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.5	8.0	12.0

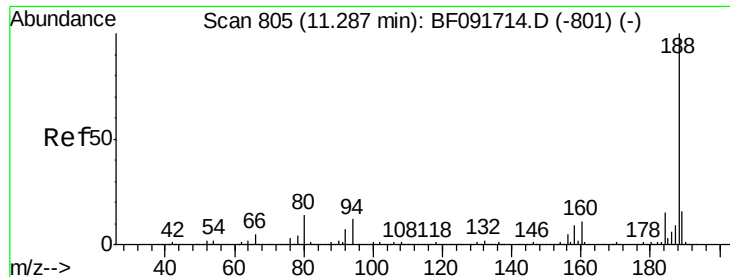


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

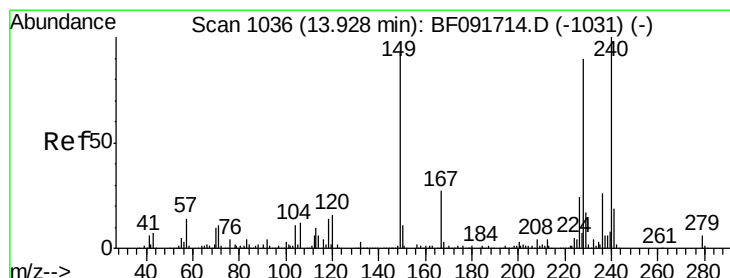
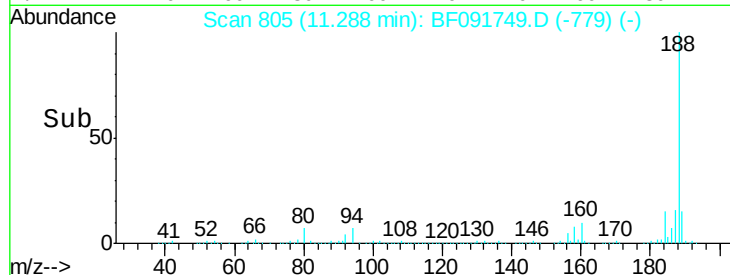
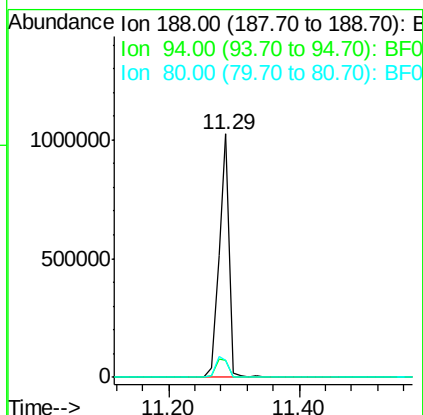
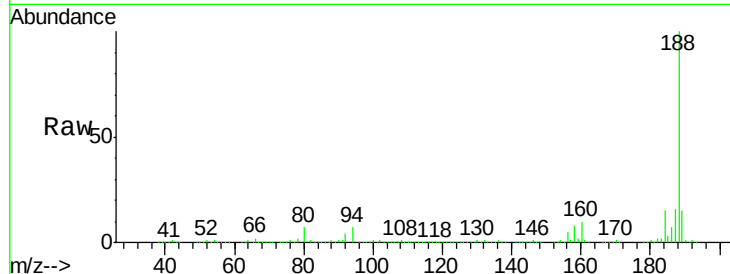




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091749.D
Acq: 18 Dec 2016 21:09

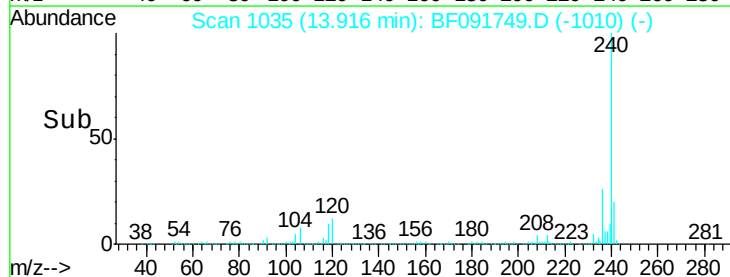
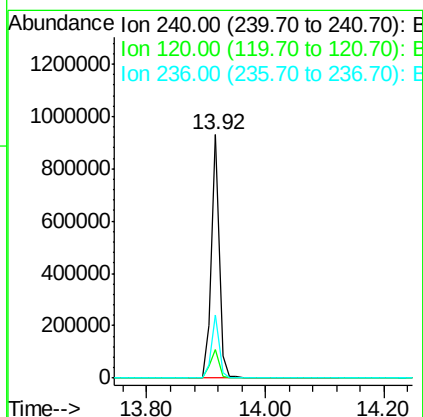
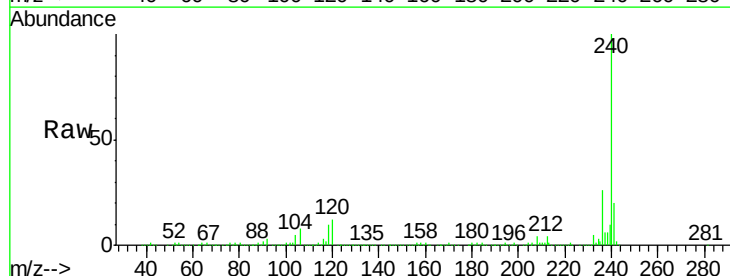
Instrument :
BNA_F
ClientSampleId :
SS03-1FT

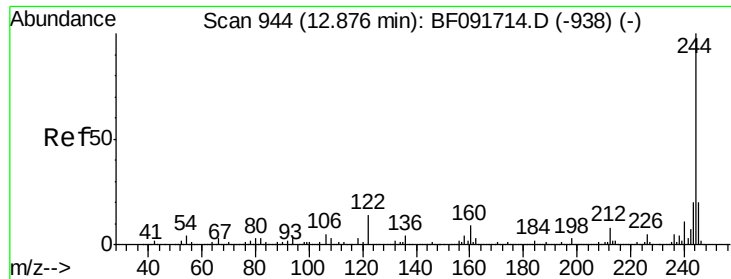
Tot Ion:188 Resp: 1110807
Ion Ratio Lower Upper
188 100
94 7.2 10.0 15.0#
80 7.2 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091749.D
Acq: 18 Dec 2016 21:09

Tgt Ion:240 Resp: 855769
Ion Ratio Lower Upper
240 100
120 11.7 12.9 19.3#
236 26.0 20.9 31.3

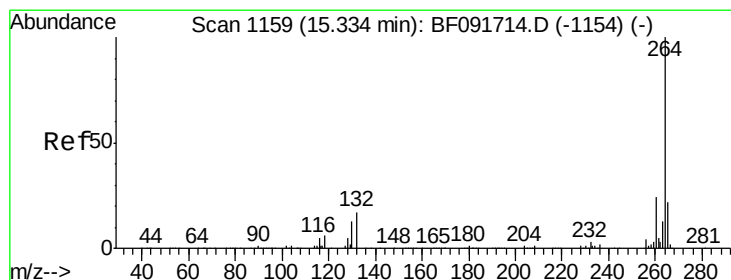
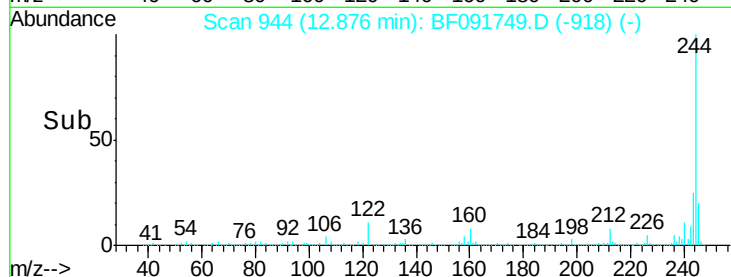
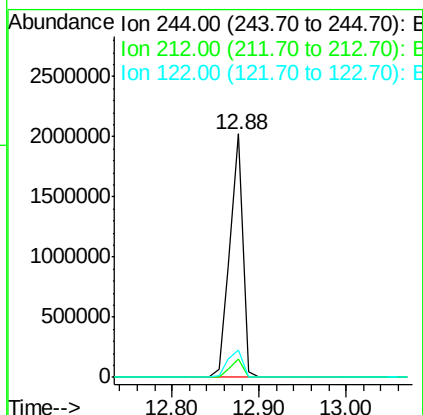
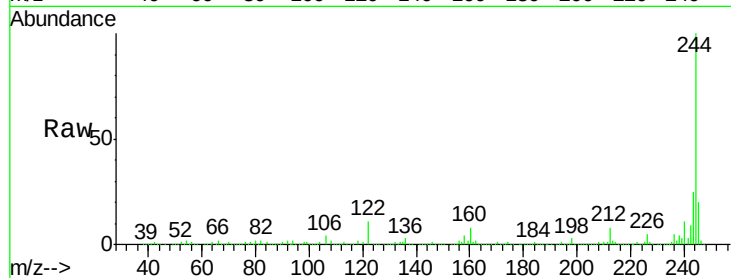




#78
 Terphenyl-d14
 Concen: 62.42 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091749.D
 Acq: 18 Dec 2016 21:09

Instrument :
 BNA_F
 ClientSampled :
 SS03-1FT

Tot Ion:244 Resp: 2115715
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091749.D
 Acq: 18 Dec 2016 21:09

Tgt Ion:264 Resp: 652924
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 17.4 26.0

