

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091753.D
 Acq On : 18 Dec 2016 22:58
 Operator : UM/SJ
 Sample : H6099-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FT

Quant Time: Dec 19 03:47:49 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

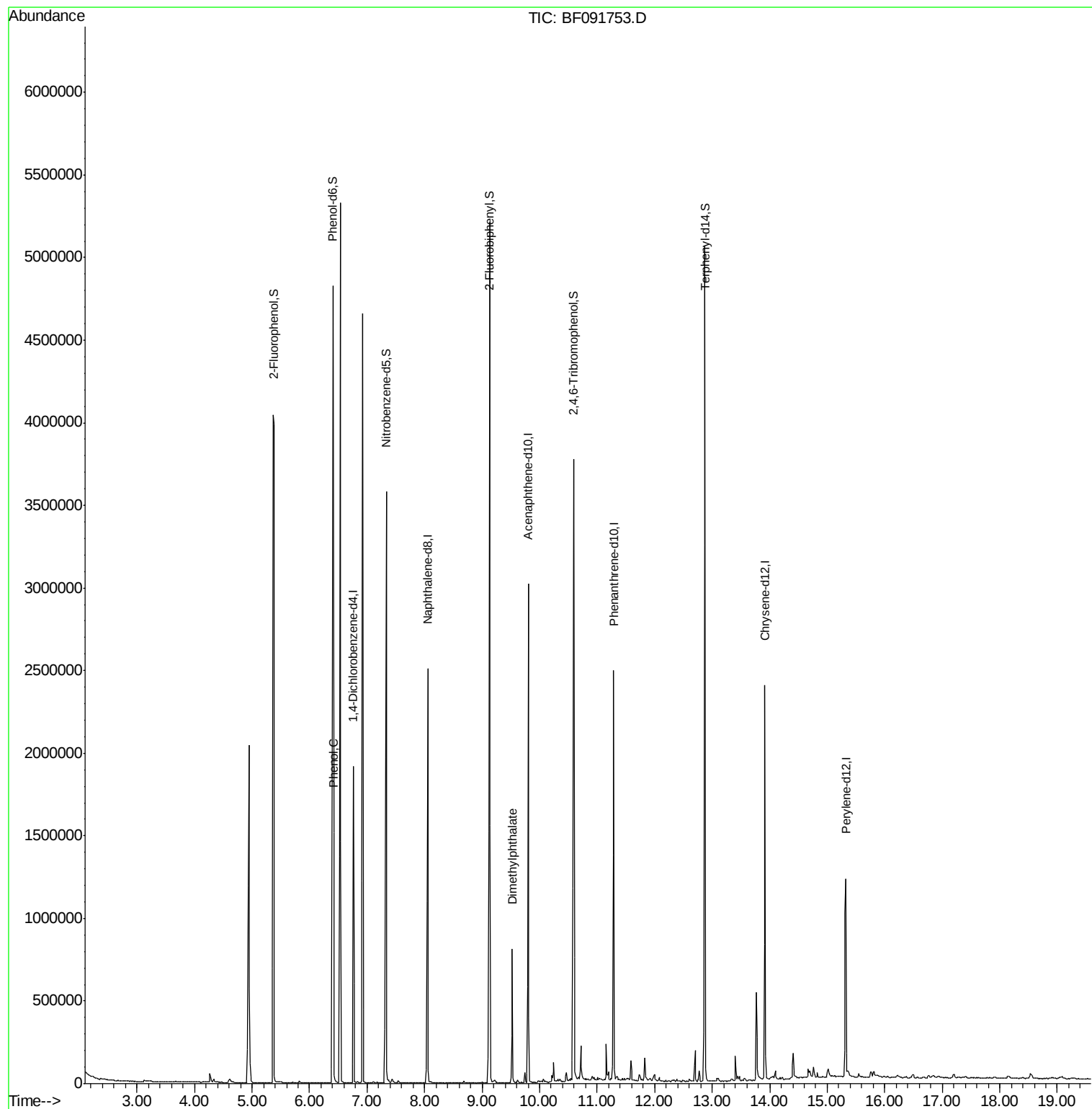
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	304161	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1305793	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	647774	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1103996	20.00	ng	0.00
75) Chrysene-d12	13.92	240	856437	20.00	ng	-0.01
86) Perylene-d12	15.32	264	648440	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1765293	97.24	ng	0.01
7) Phenol-d6	6.41	99	1957183	88.40	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1460740	64.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	487552	88.76	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1976494	61.30	ng	-0.01
78) Terphenyl-d14	12.88	244	1985241	58.53	ng	0.00
Target Compounds						
10) Phenol	6.42	94	118951	4.77	ng	81
49) Dimethylphthalate	9.53	163	373185	8.82	ng	100

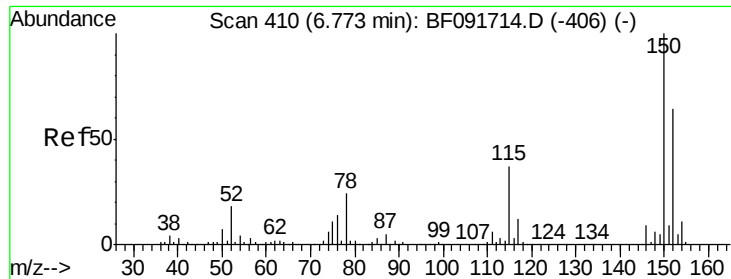
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091753.D

Acq: 18 Dec 2016 22:58

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FT

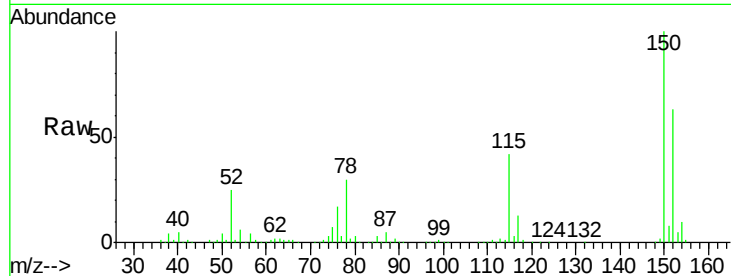
Tot Ion:152 Resp: 304161

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

115 66.0 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

600000

500000

400000

300000

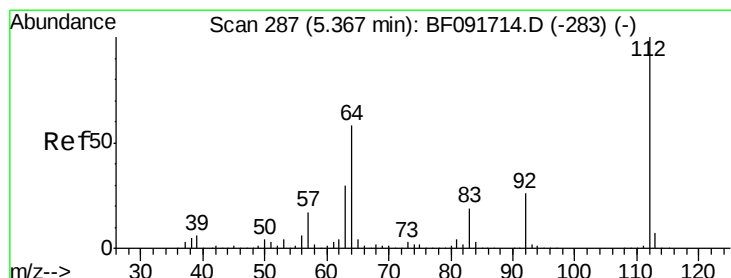
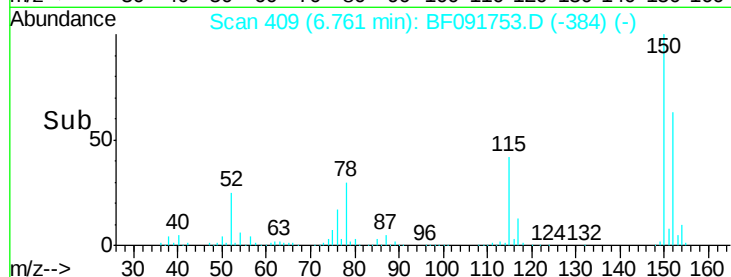
200000

100000

0

6.70 6.75 6.80 6.85

Time-->



#5

2-Fluorophenol

Concen: 97.24 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091753.D

Acq: 18 Dec 2016 22:58

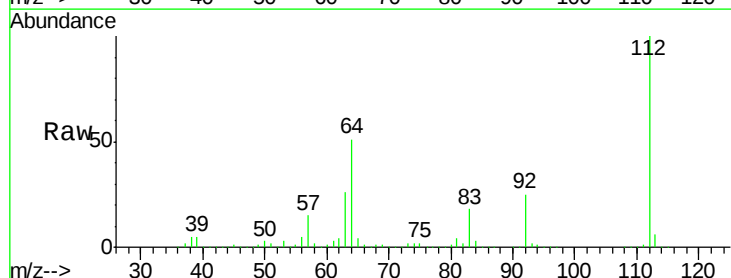
Tgt Ion:112 Resp: 1765293

Ion Ratio Lower Upper

112 100

64 51.0 46.1 69.1

63 26.2 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

1500000

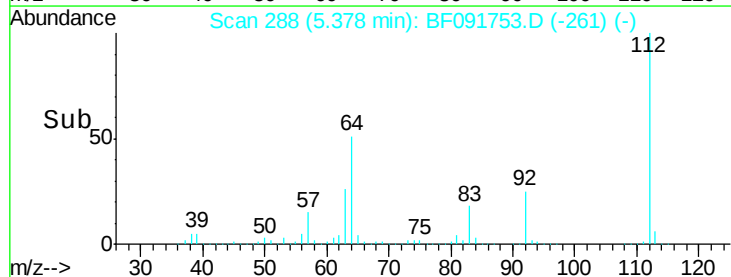
1000000

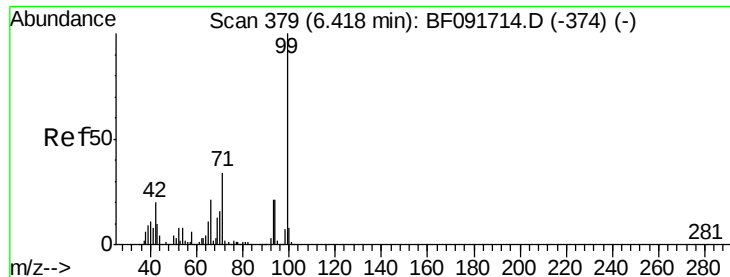
500000

0

5.30 5.40 5.50

Time-->





#7

Phenol-d6

Concen: 88.40 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091753.D

Acq: 18 Dec 2016 22:58

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FT

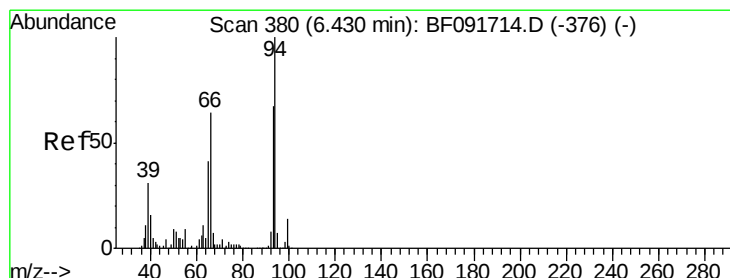
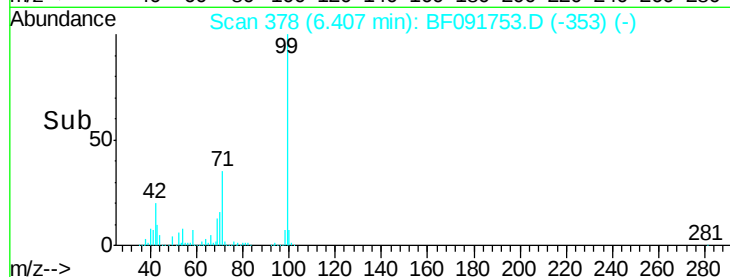
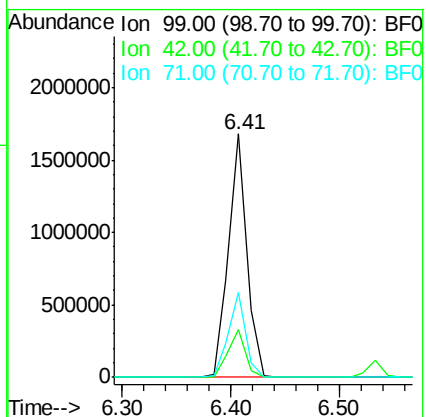
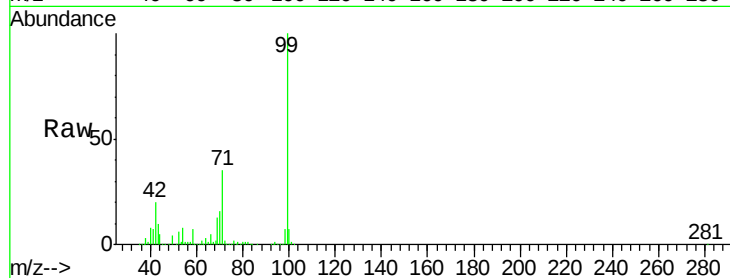
Tot Ion: 99 Resp: 1957183

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 34.8 27.5 41.3



#10

Phenol

Concen: 4.77 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091753.D

Acq: 18 Dec 2016 22:58

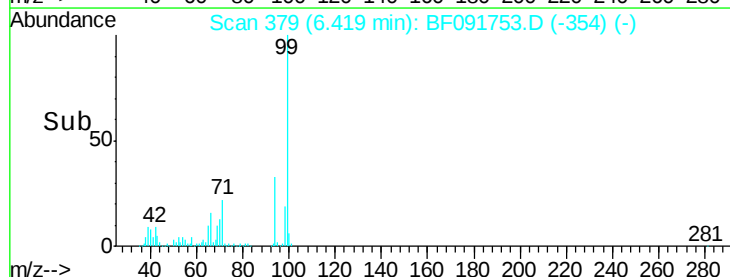
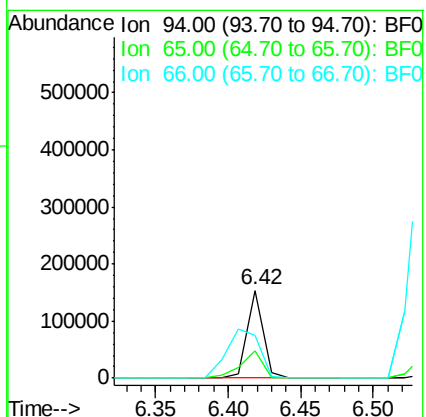
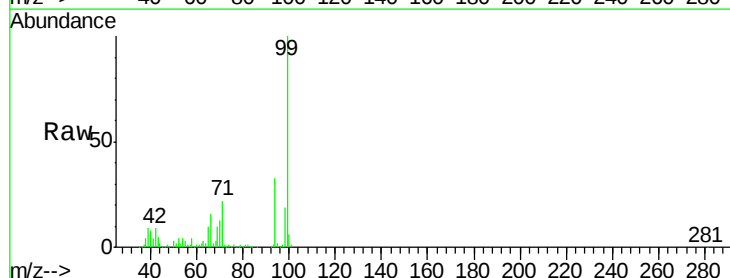
Tgt Ion: 94 Resp: 118951

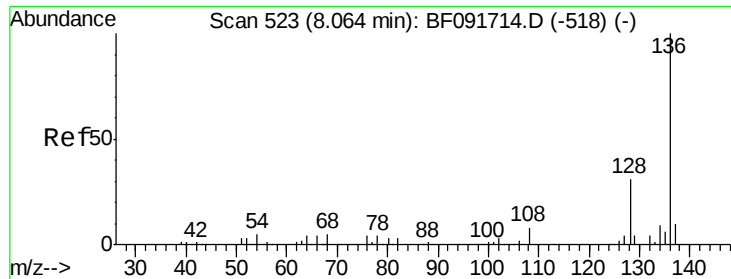
Ion Ratio Lower Upper

94 100

65 31.2 21.4 61.4

66 48.1 44.0 84.0

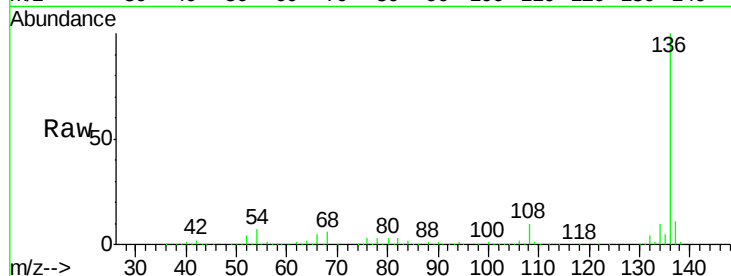




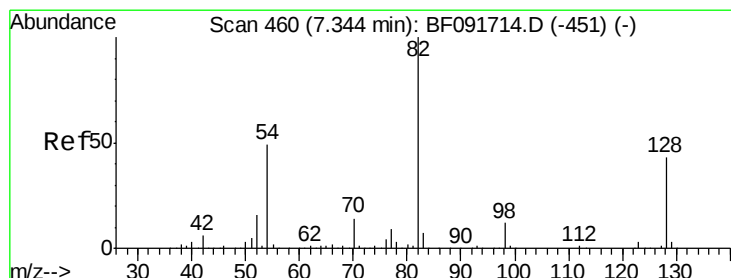
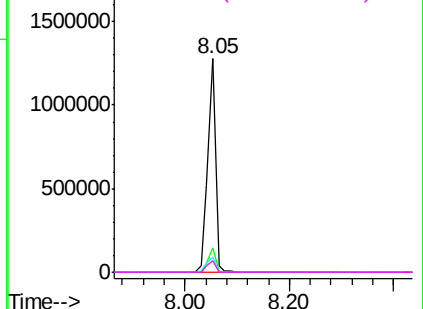
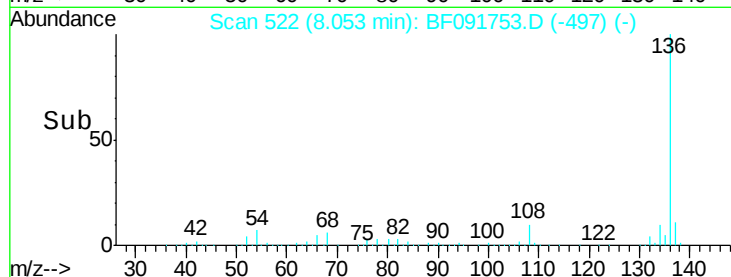
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091753.D
Acq: 18 Dec 2016 22:58

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FT

Tot Ion:136 Resp: 1305793
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.0 4.5 6.7#
68 5.6 3.6 5.4#

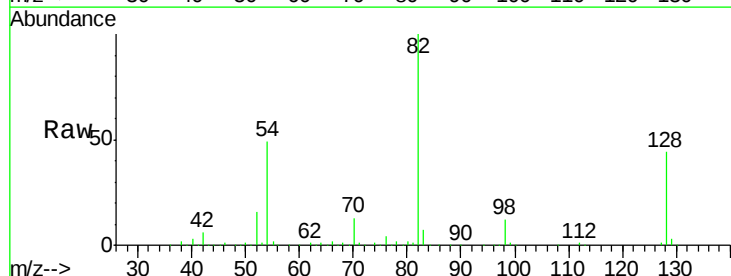


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

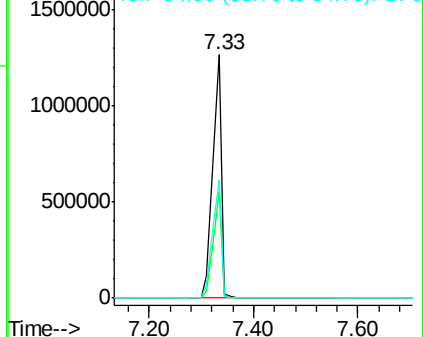
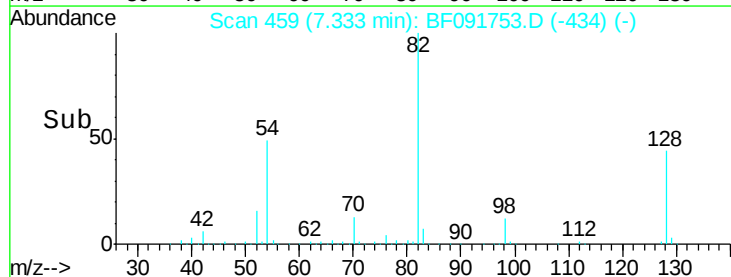


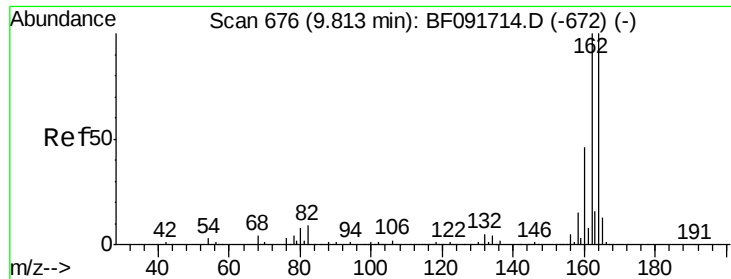
#23
Nitrobenzene-d5
Concen: 64.51 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091753.D
Acq: 18 Dec 2016 22:58

Tgt Ion: 82 Resp: 1460740
Ion Ratio Lower Upper
82 100
128 43.7 34.6 52.0
54 48.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
1500000
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: BF091753.D

Acq: 18 Dec 2016 22:58

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FT

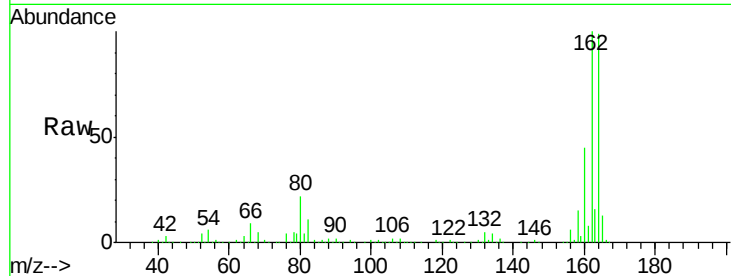
Tot Ion:164 Resp: 647774

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

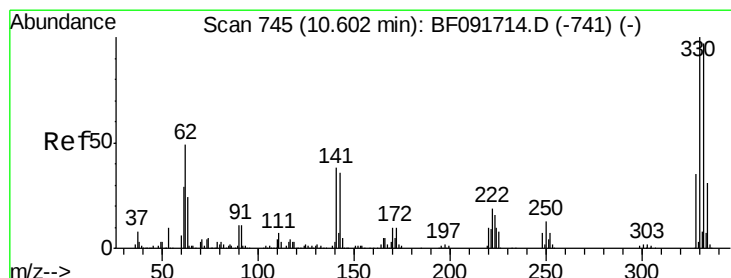
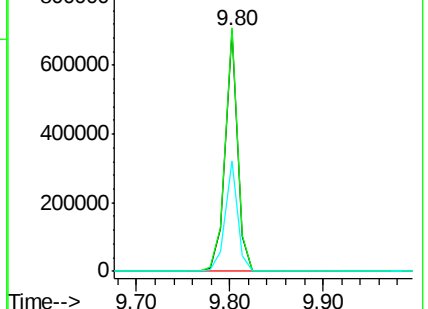
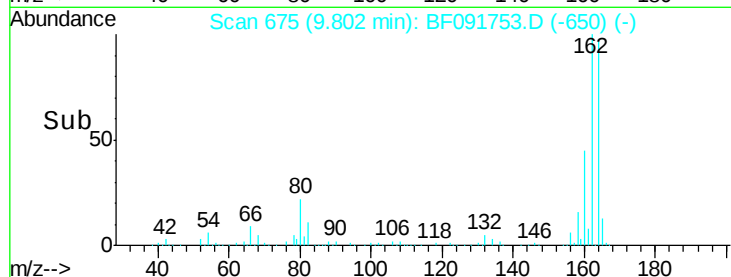
160 45.8 36.9 55.3



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: 88.76 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091753.D

Acq: 18 Dec 2016 22:58

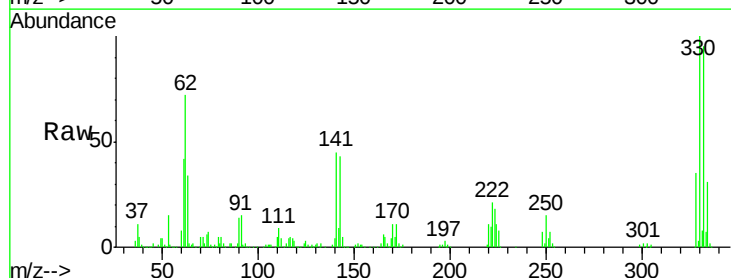
Tgt Ion:330 Resp: 487552

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

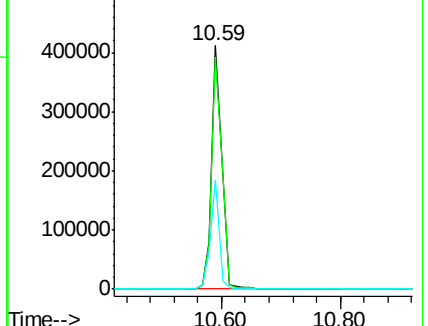
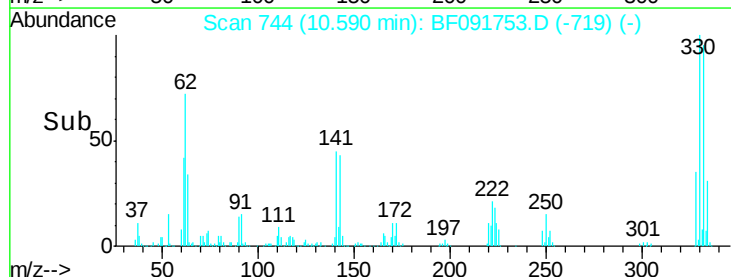
141 38.2 34.1 51.1

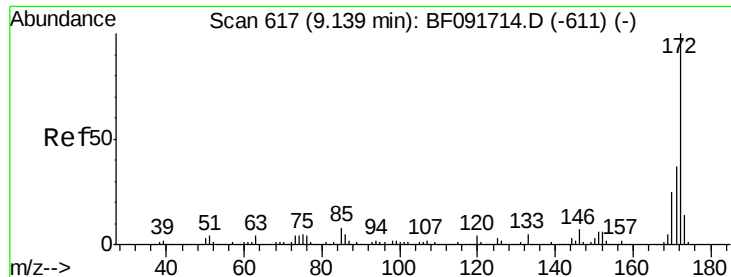


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

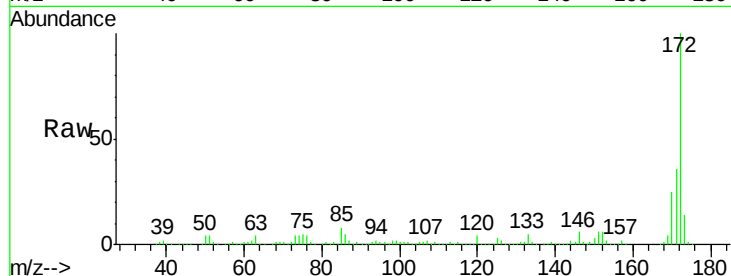




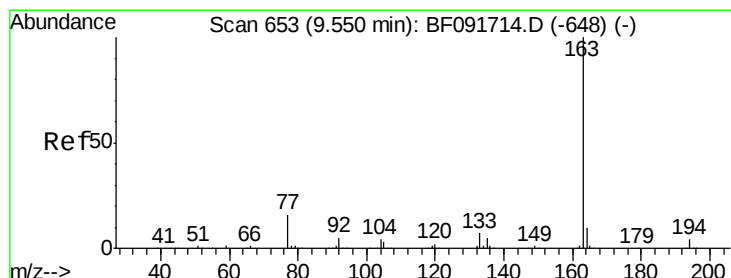
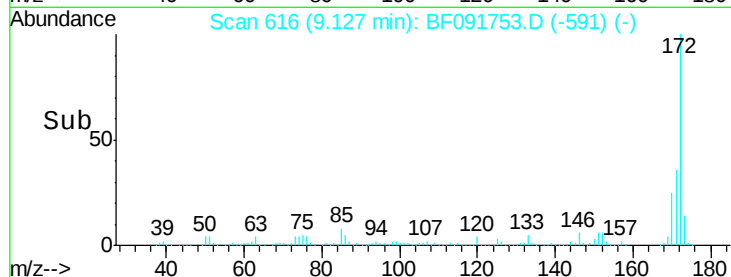
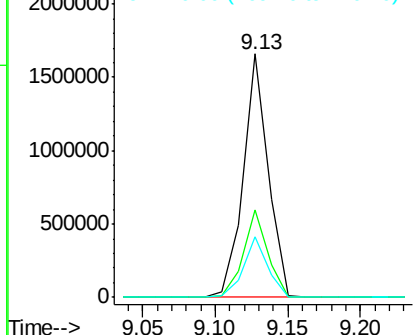
#44
2-Fluorobiphenyl
Concen: 61.30 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091753.D
Acq: 18 Dec 2016 22:58

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FT

Tot Ion:172 Resp: 1976494
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.7 20.2 30.4

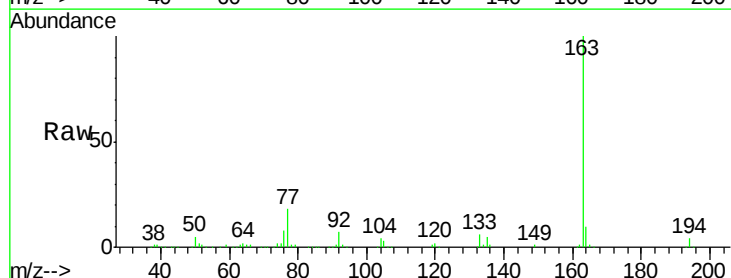


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

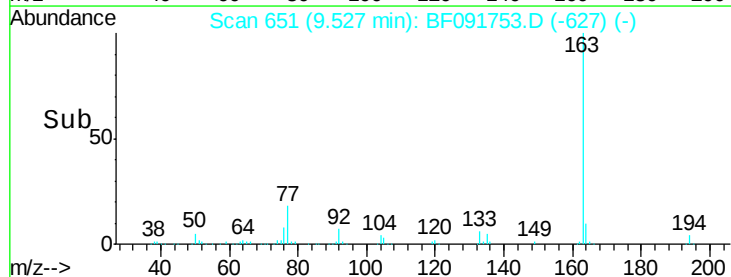
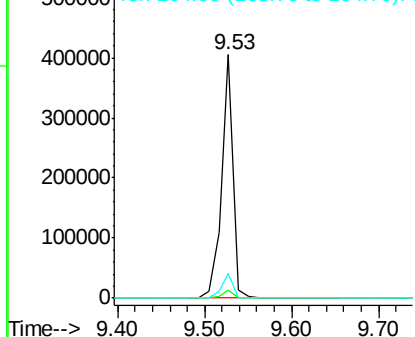


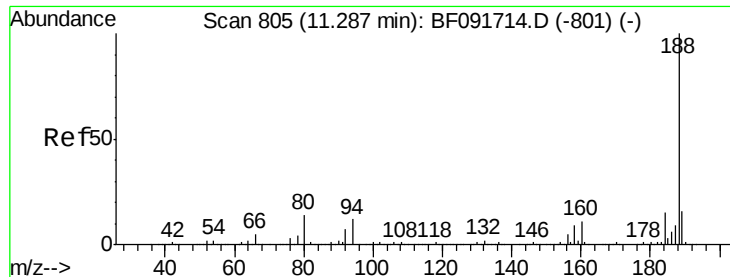
#49
Dimethylphthalate
Concen: 8.82 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091753.D
Acq: 18 Dec 2016 22:58

Tgt Ion:163 Resp: 373185
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.0 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

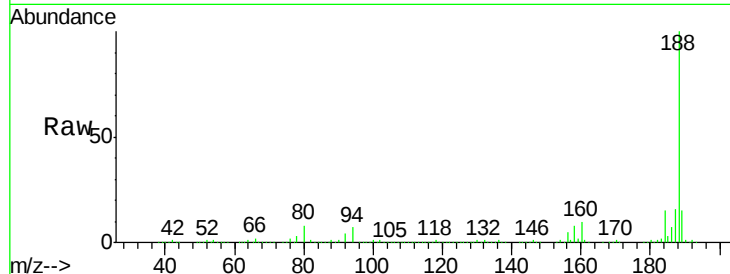




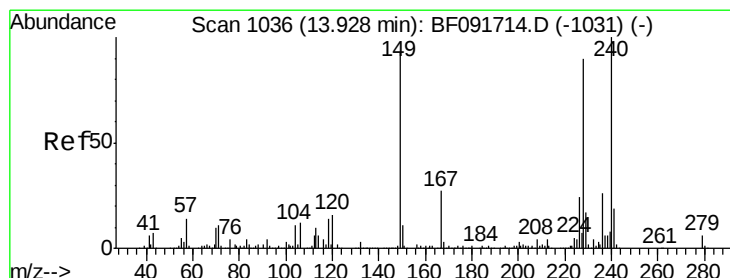
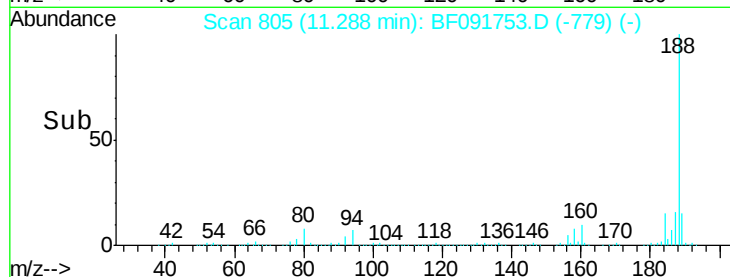
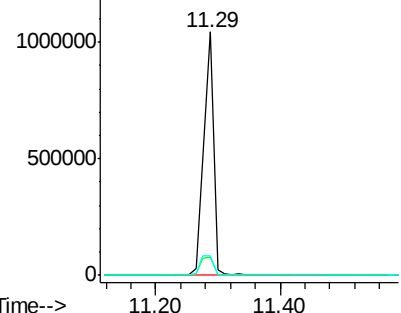
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091753.D
Acq: 18 Dec 2016 22:58

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FT

Tot Ion:188 Resp: 1103996
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.9 11.2 16.8#

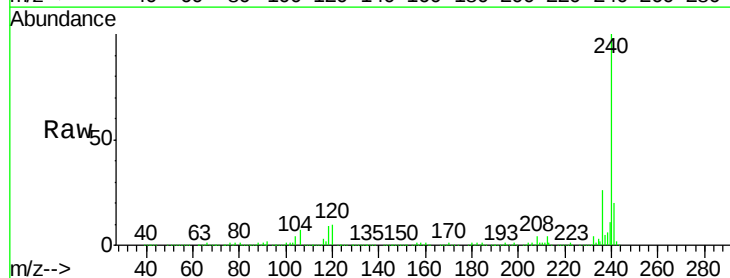


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

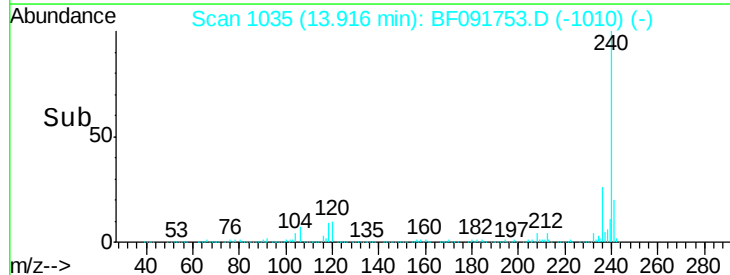
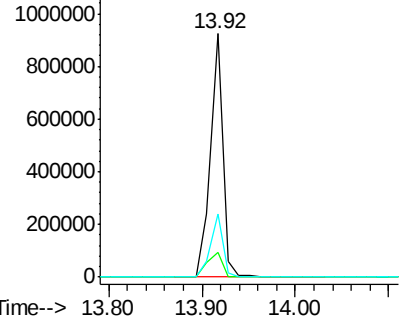


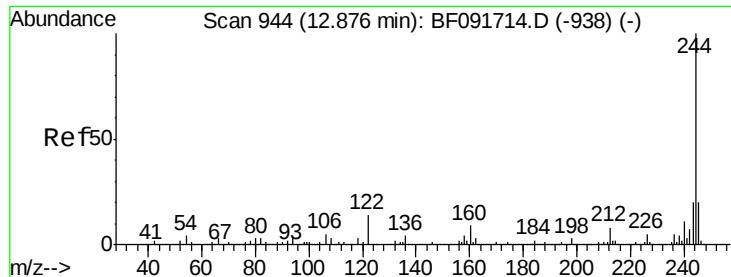
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091753.D
Acq: 18 Dec 2016 22:58

Tgt Ion:240 Resp: 856437
Ion Ratio Lower Upper
240 100
120 10.1 12.9 19.3#
236 25.9 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

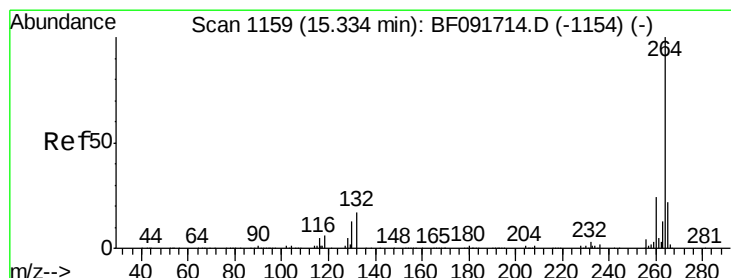
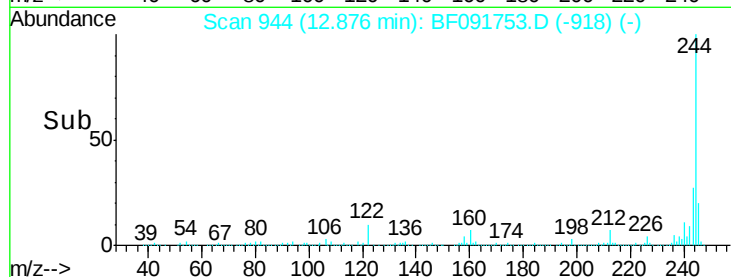
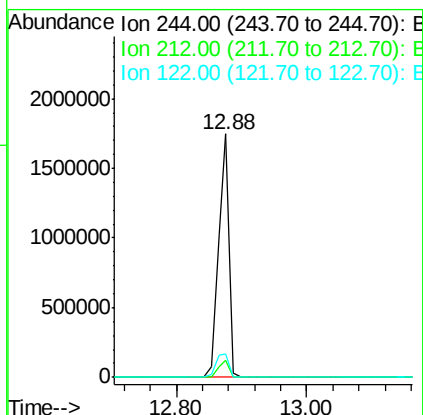
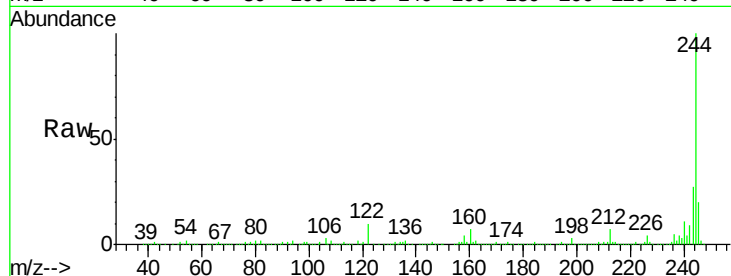




#78
 Terphenyl-d14
 Concen: 58.53 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091753.D
 Acq: 18 Dec 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FT

Tot Ion:244 Resp: 1985241
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.7 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: BF091753.D
 Acq: 18 Dec 2016 22:58

Tgt Ion:264 Resp: 648440
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 17.4 26.0

