

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091754.D
 Acq On : 18 Dec 2016 23:26
 Operator : UM/SJ
 Sample : H6099-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP10-3-4FT

Quant Time: Dec 19 03:49:09 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

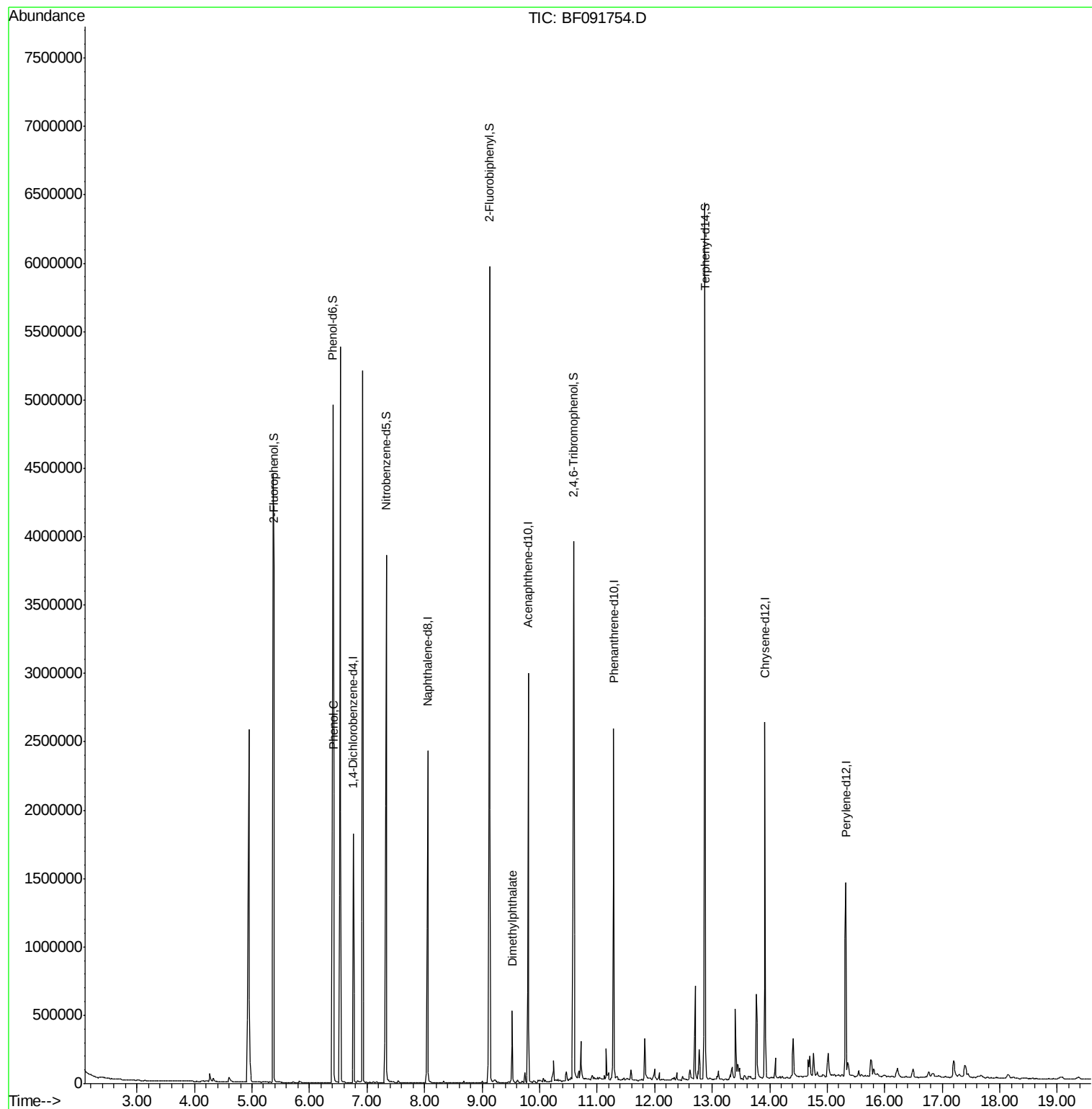
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	294181	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1280095	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	661357	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1151906	20.00	ng	0.00
75) Chrysene-d12	13.92	240	878466	20.00	ng	-0.01
86) Perylene-d12	15.32	264	701057	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1859695	105.91	ng	0.01
7) Phenol-d6	6.41	99	2124485	99.21	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1541277	69.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	556638	99.26	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2358410	71.64	ng	-0.01
78) Terphenyl-d14	12.88	244	2269836	65.24	ng	0.00
Target Compounds						
10) Phenol	6.42	94	122448	5.07	ng	88
49) Dimethylphthalate	9.53	163	269869	6.25	ng	99

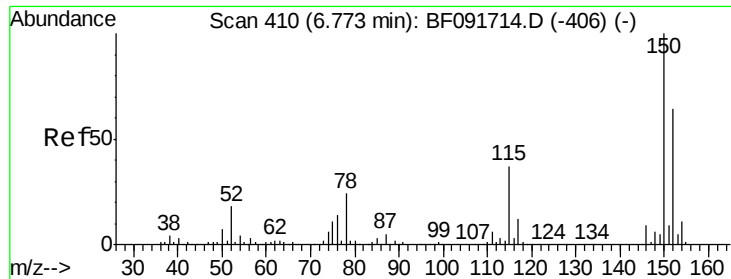
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091754.D

Acq: 18 Dec 2016 23:26

Instrument :

BNA_F

ClientSampleId :

TP10-3-4FT

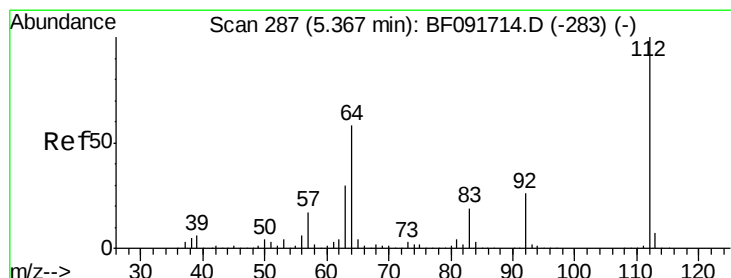
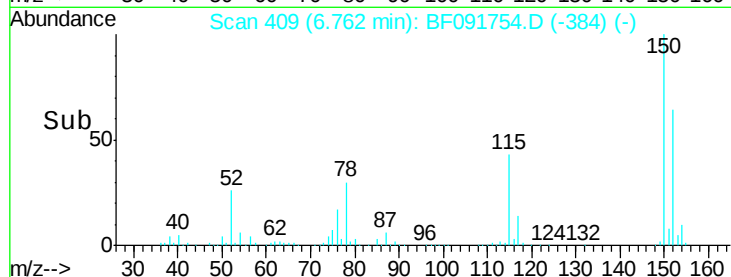
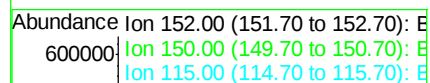
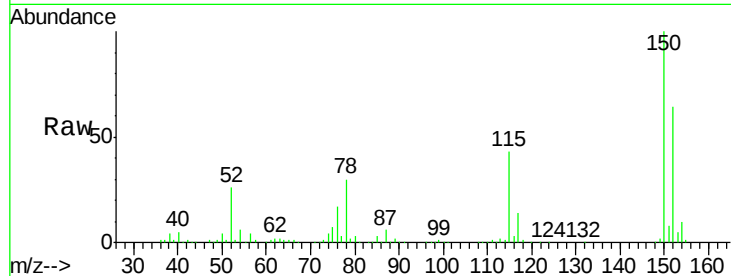
Tot Ion:152 Resp: 294181

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

115 67.6 46.0 69.0



#5

2-Fluorophenol

Concen: 105.91 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091754.D

Acq: 18 Dec 2016 23:26

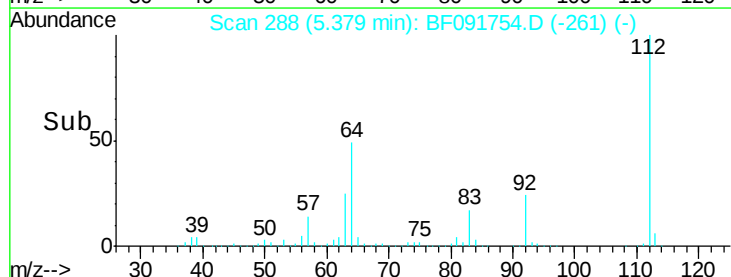
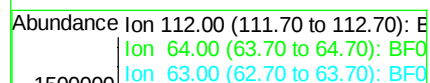
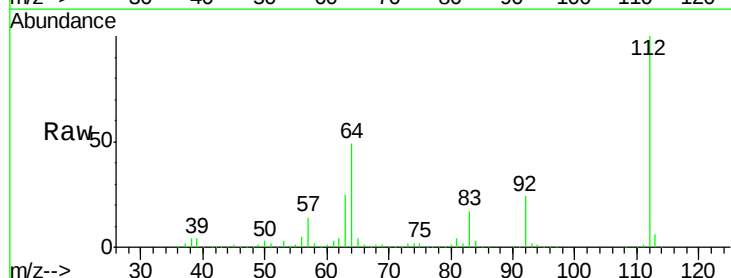
Tgt Ion:112 Resp: 1859695

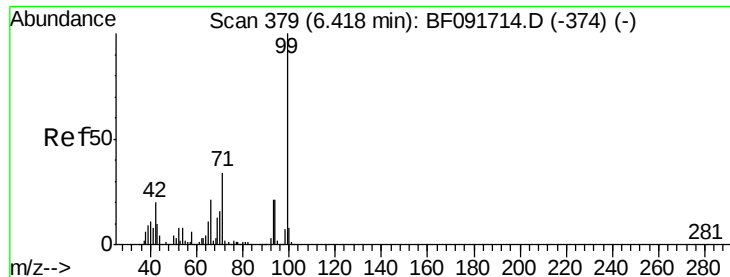
Ion Ratio Lower Upper

112 100

64 48.8 46.1 69.1

63 24.6 23.8 35.6





#7

Phenol-d6

Concen: 99.21 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091754.D

Acq: 18 Dec 2016 23:26

Instrument :

BNA_F

ClientSampleId :

TP10-3-4FT

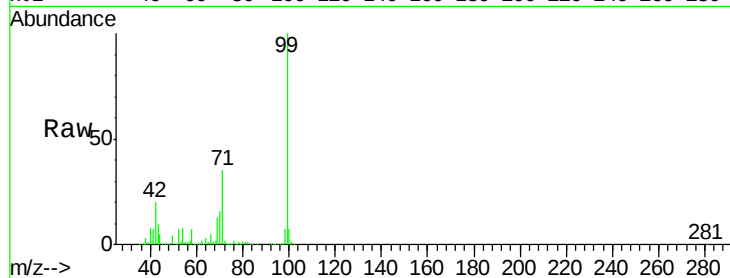
Tot Ion: 99 Resp: 2124485

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

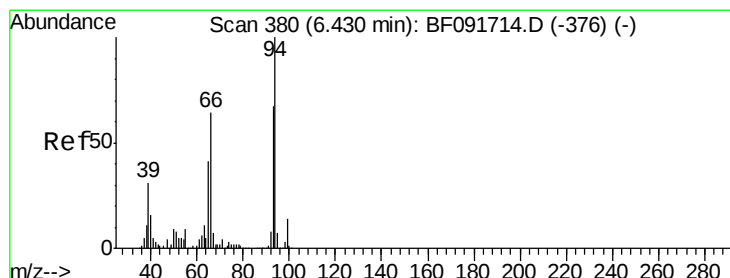
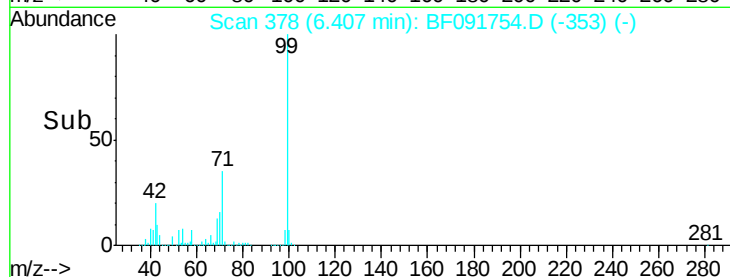
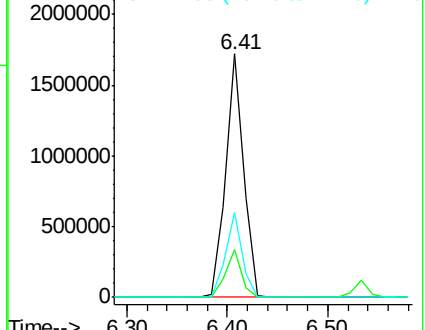
71 35.1 27.5 41.3



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: 5.07 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091754.D

Acq: 18 Dec 2016 23:26

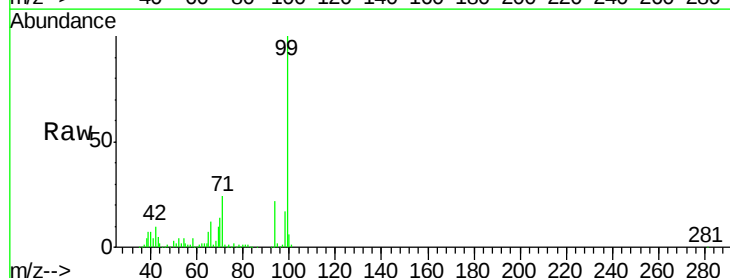
Tgt Ion: 94 Resp: 122448

Ion Ratio Lower Upper

94 100

65 33.9 21.4 61.4

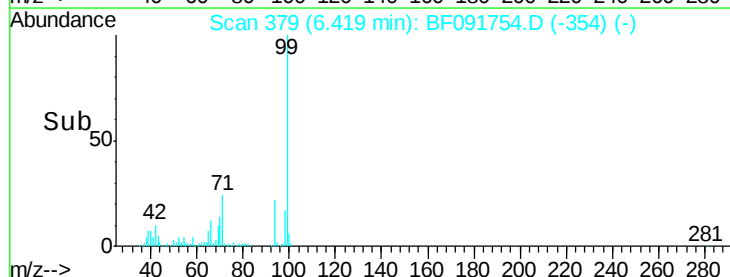
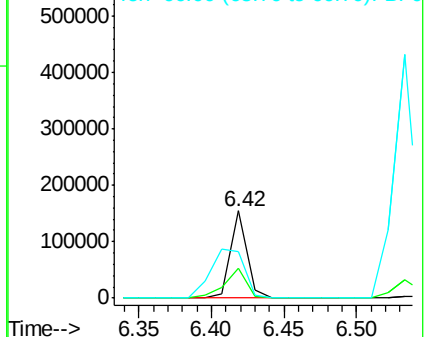
66 54.0 44.0 84.0

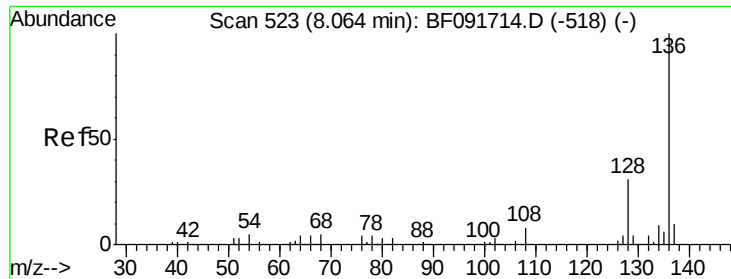


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

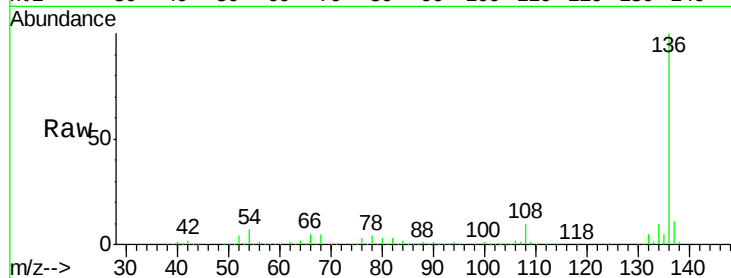




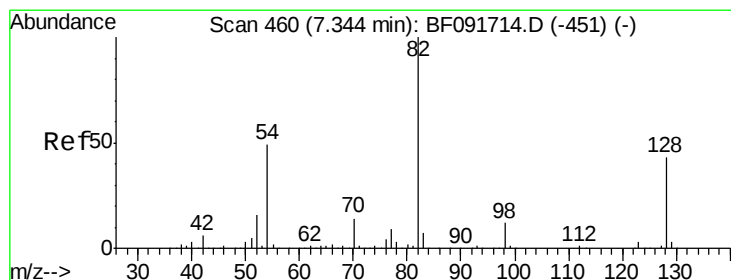
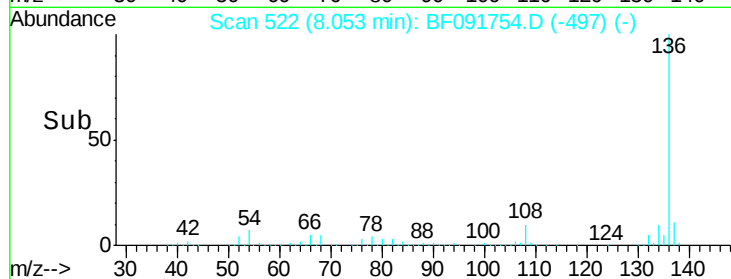
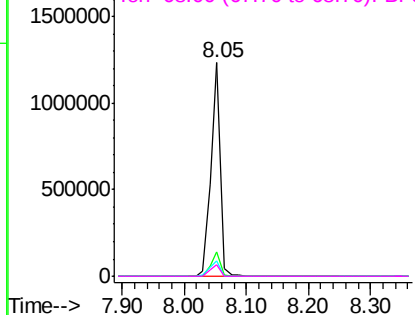
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091754.D
Acq: 18 Dec 2016 23:26

Instrument :
BNA_F
ClientSampleId :
TP10-3-4FT

Tot Ion:136 Resp: 1280095
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.2 4.5 6.7#
68 5.5 3.6 5.4#

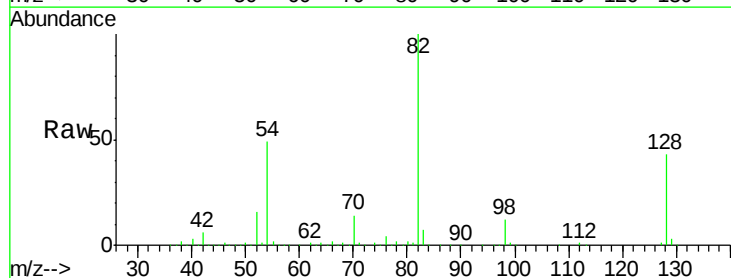


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

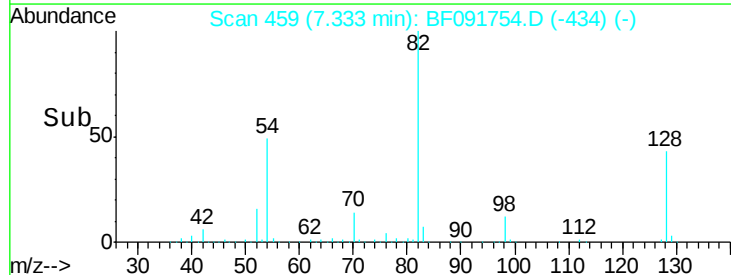
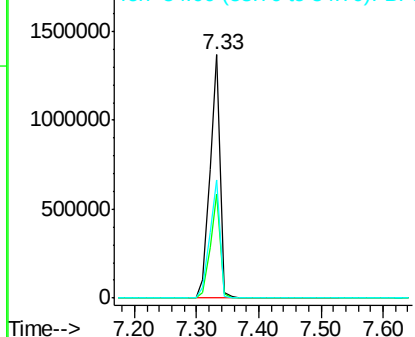


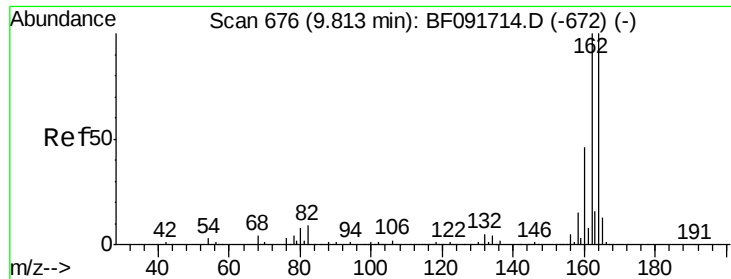
#23
Nitrobenzene-d5
Concen: 69.43 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091754.D
Acq: 18 Dec 2016 23:26

Tgt Ion: 82 Resp: 1541277
Ion Ratio Lower Upper
82 100
128 42.8 34.6 52.0
54 48.7 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: BF091754.D

Acq: 18 Dec 2016 23:26

Instrument :

BNA_F

ClientSampleId :

TP10-3-4FT

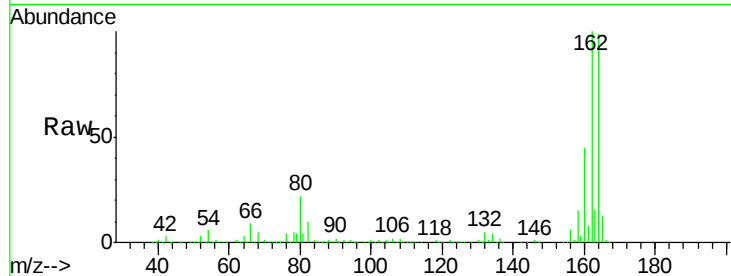
Tot Ion:164 Resp: 661357

Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

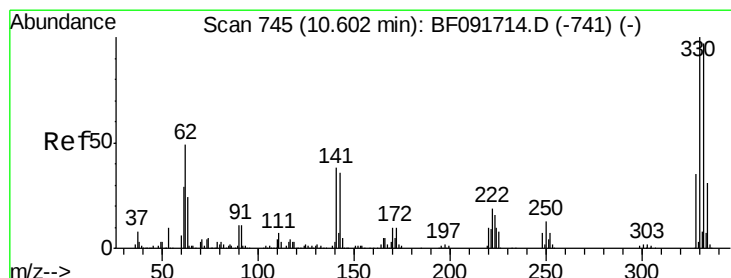
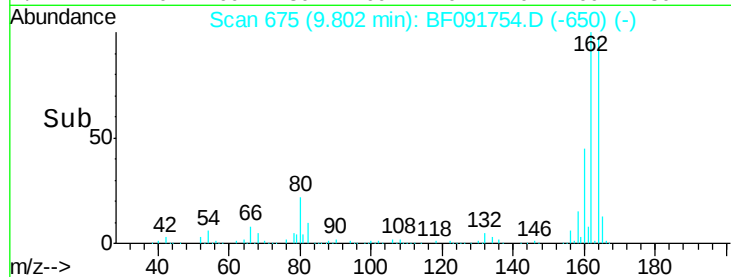
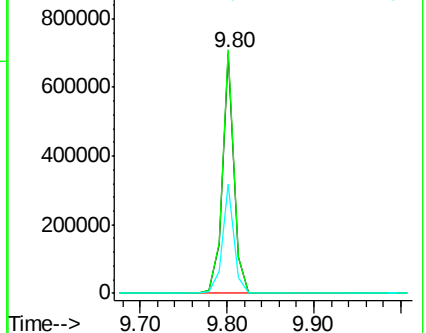
160 45.5 36.9 55.3



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: 99.26 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091754.D

Acq: 18 Dec 2016 23:26

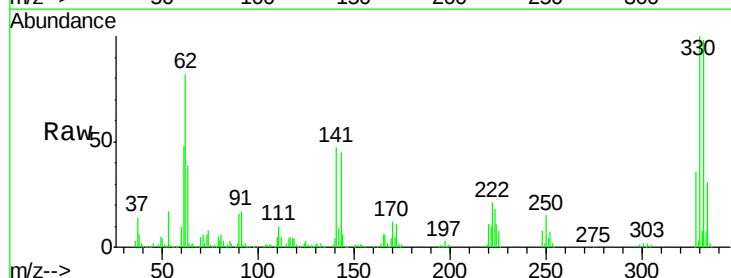
Tgt Ion:330 Resp: 556638

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

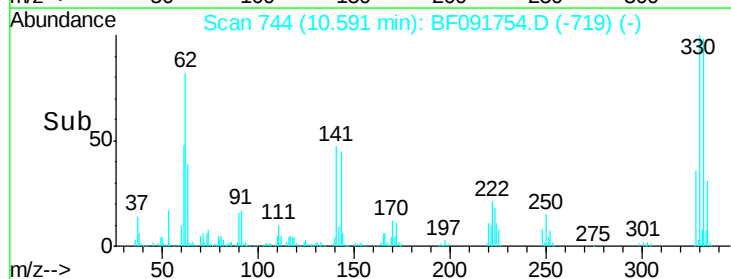
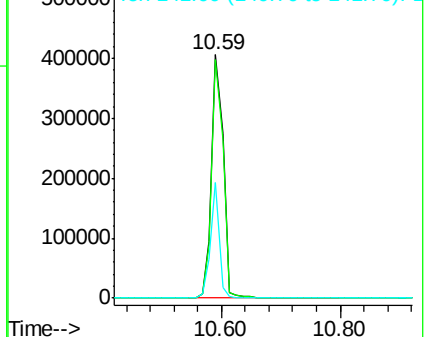
141 36.1 34.1 51.1

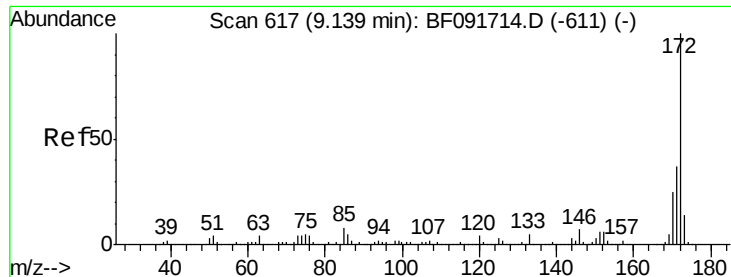


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

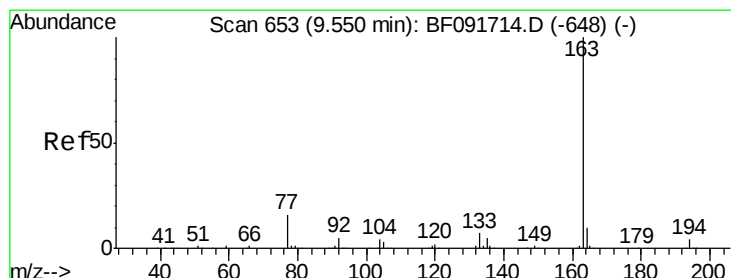
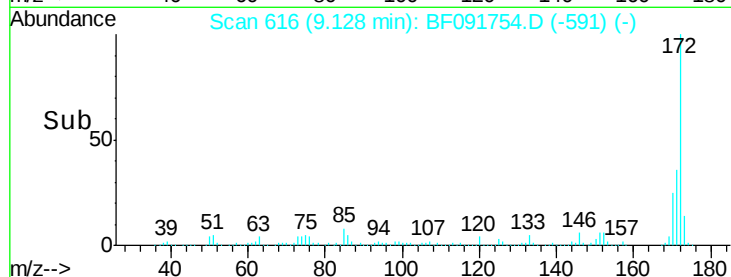
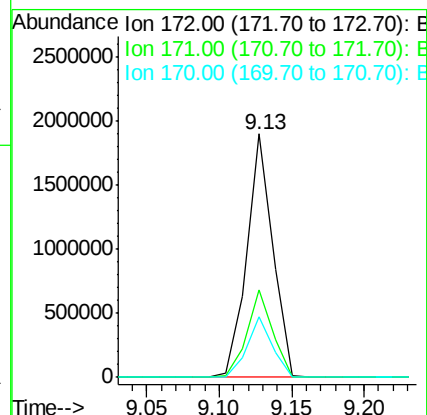
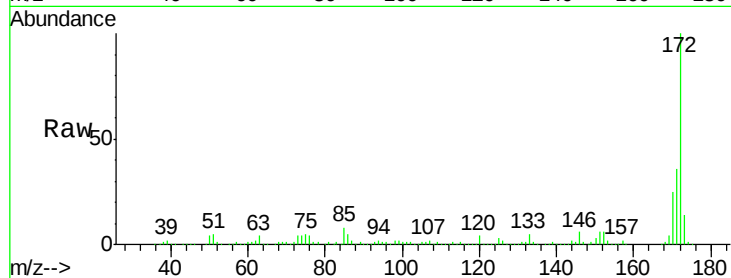




#44
2-Fluorobiphenyl
Concen: 71.64 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091754.D
Acq: 18 Dec 2016 23:26

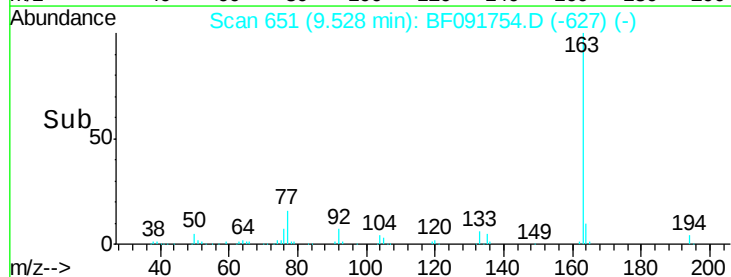
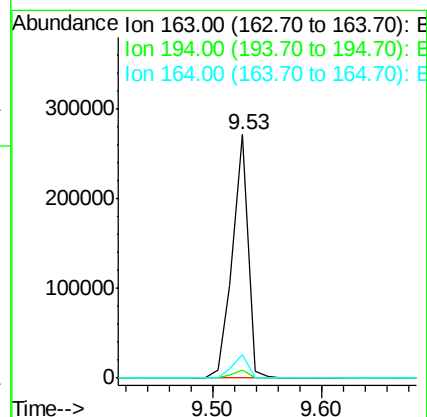
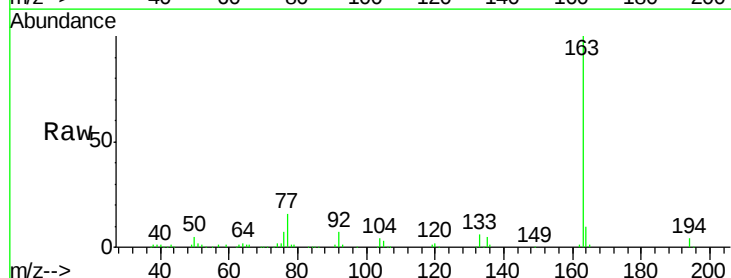
Instrument :
BNA_F
ClientSampleId :
TP10-3-4FT

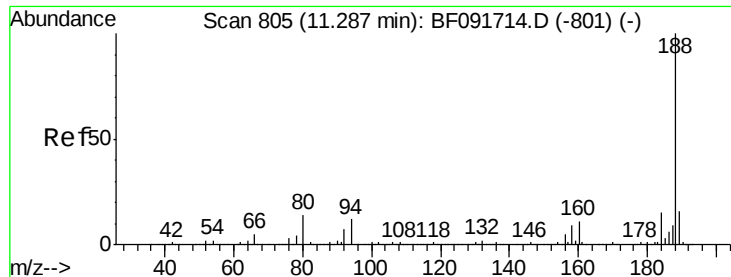
Tot Ion:172 Resp: 2358410
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.8 20.2 30.4



#49
Dimethylphthalate
Concen: 6.25 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091754.D
Acq: 18 Dec 2016 23:26

Tgt Ion:163 Resp: 269869
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.7 8.0 12.0

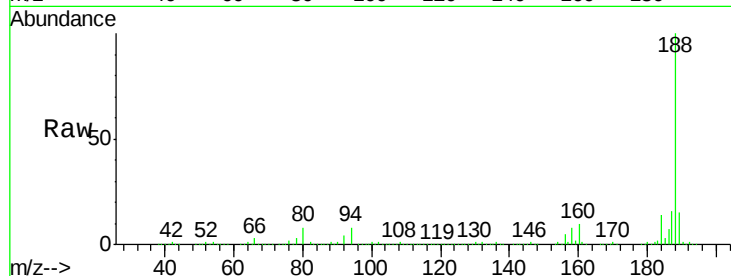




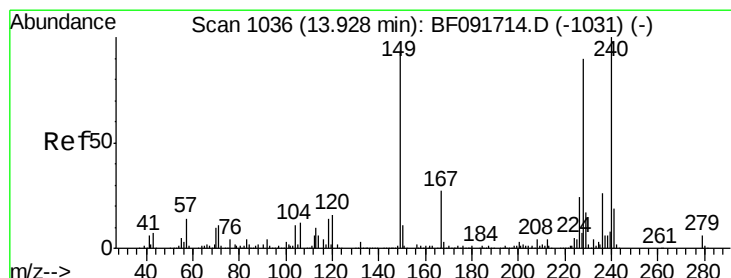
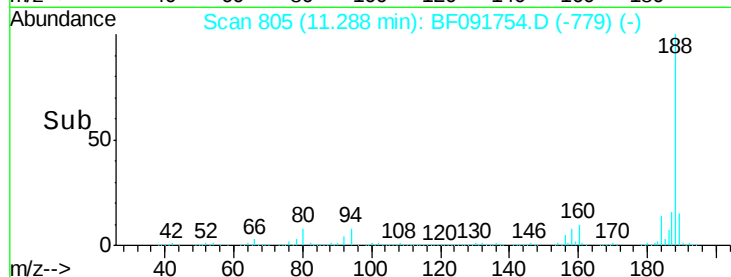
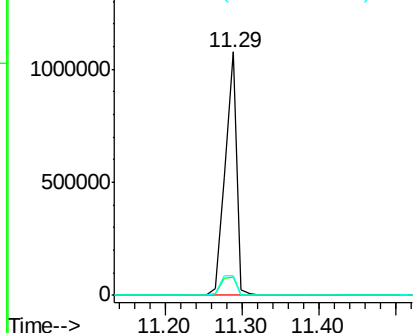
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091754.D
Acq: 18 Dec 2016 23:26

Instrument :
BNA_F
ClientSampleId :
TP10-3-4FT

Tot Ion:188 Resp: 1151906
Ion Ratio Lower Upper
188 100
94 7.7 10.0 15.0#
80 7.8 11.2 16.8#

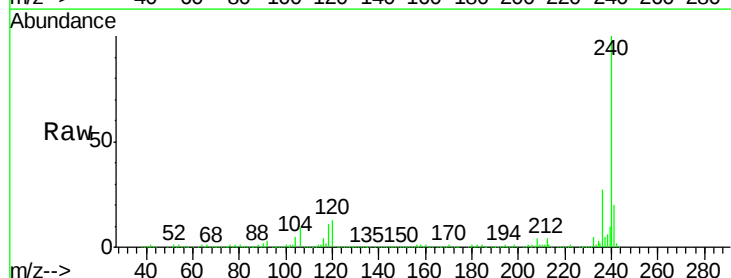


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

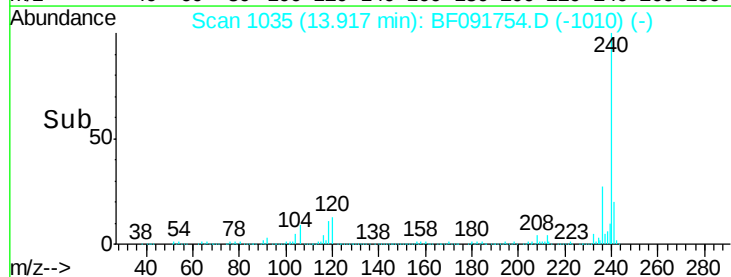
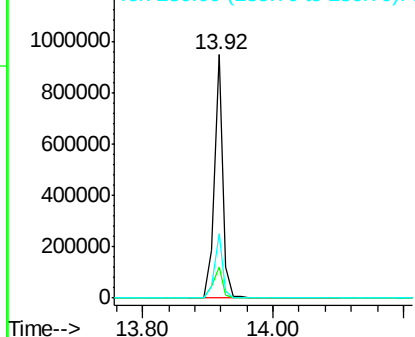


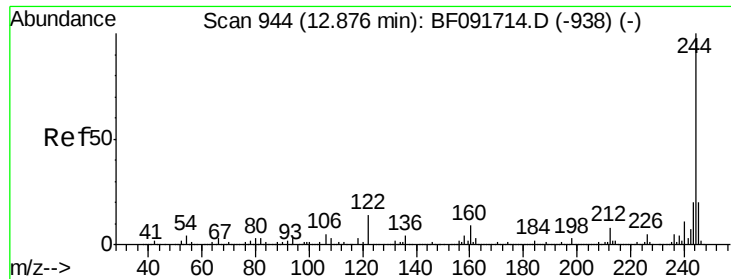
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091754.D
Acq: 18 Dec 2016 23:26

Tgt Ion:240 Resp: 878466
Ion Ratio Lower Upper
240 100
120 12.8 12.9 19.3#
236 26.6 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



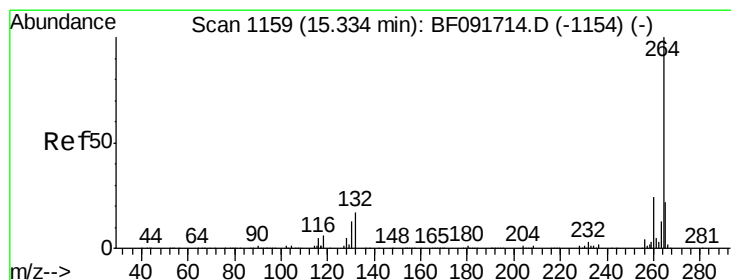
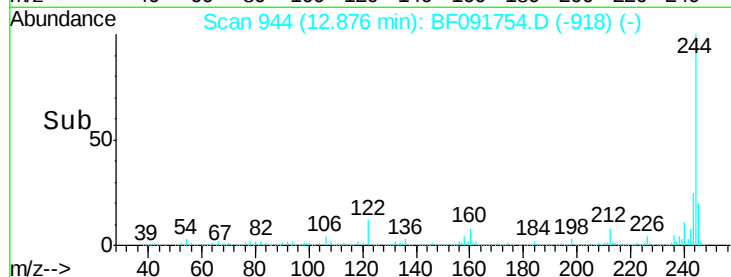
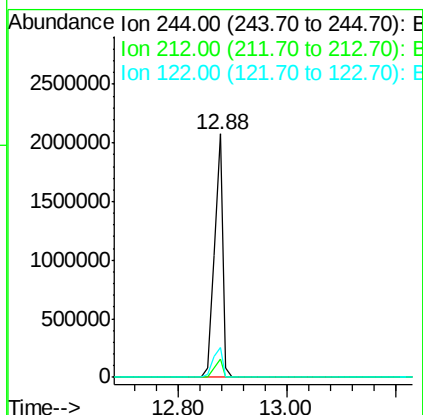
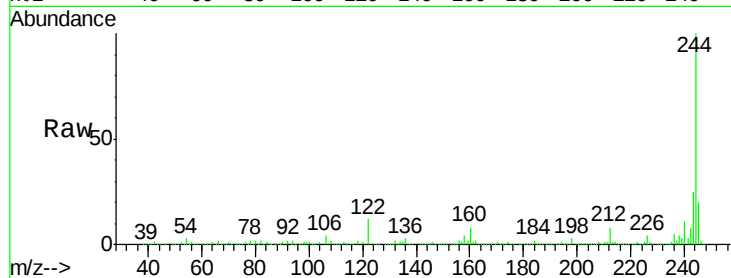


#78
 Terphenyl-d14
 Concen: 65.24 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091754.D
 Acq: 18 Dec 2016 23:26

Instrument :
 BNA_F
 ClientSampled :
 TP10-3-4FT

Tot Ion:244 Resp: 2269836

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.0	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: BF091754.D
 Acq: 18 Dec 2016 23:26

Tgt Ion:264 Resp: 701057

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.4	26.0

