

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091801.D
 Acq On : 20 Dec 2016 4:11
 Operator : UM/SJ
 Sample : H6168-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Quant Time: Dec 20 06:13:25 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

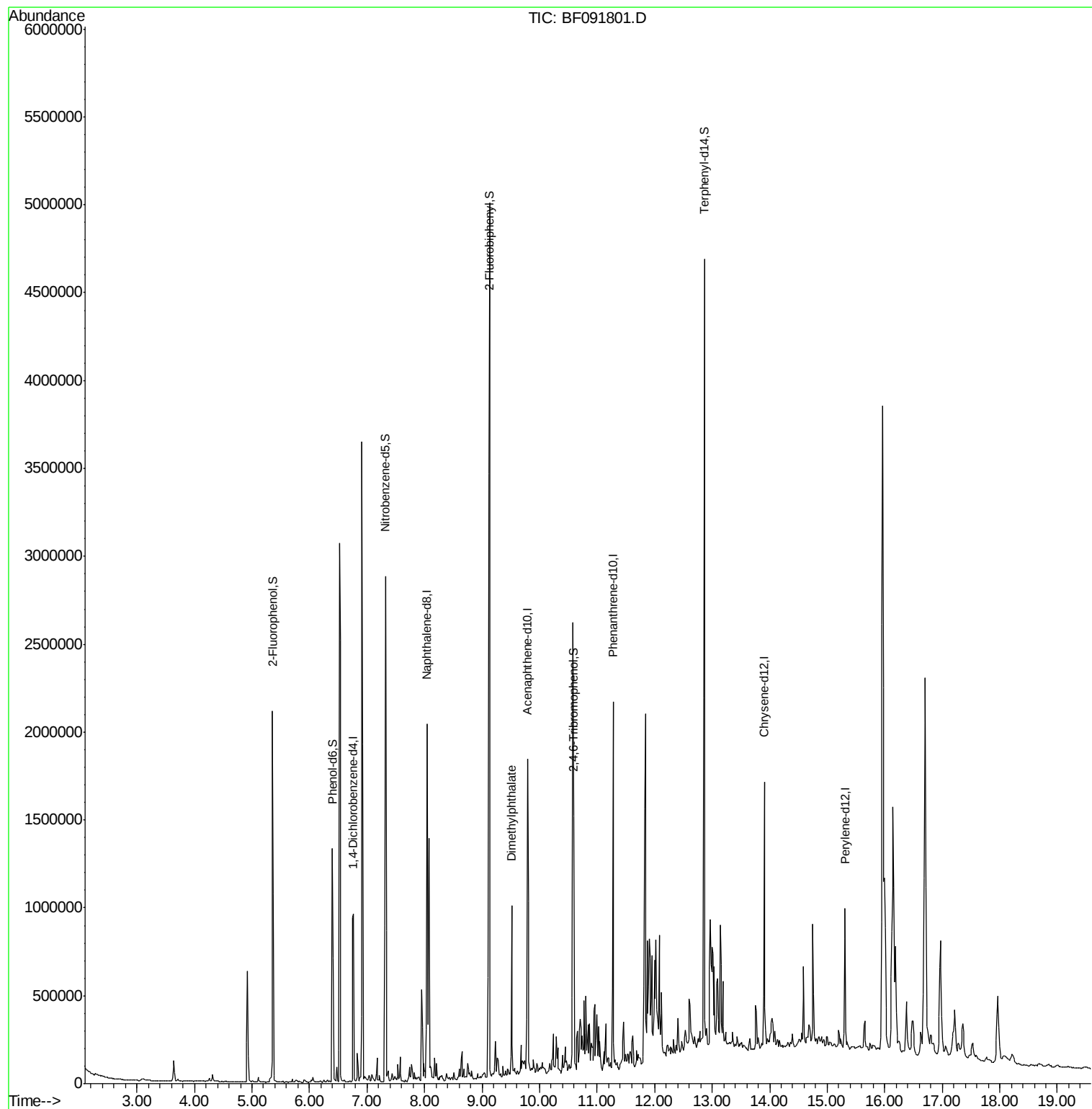
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	220193	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	963545	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	435019	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	721656	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	481422	20.00	ng	-0.02
86) Perylene-d12	15.31	264	421846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	681993	51.89	ng	-0.01
7) Phenol-d6	6.40	99	530080	33.07	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1137648	68.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	400603	108.60	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2128281	98.29	ng	-0.01
78) Terphenyl-d14	12.87	244	1516634	79.54	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	371789	13.08	ng	99

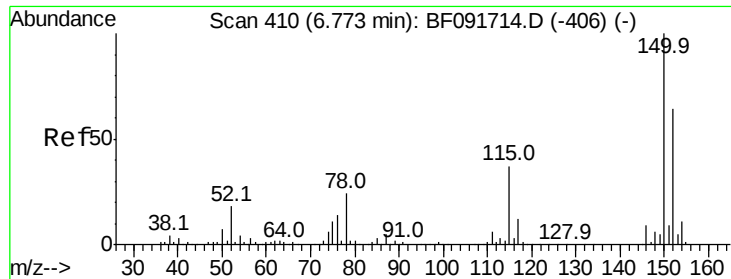
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

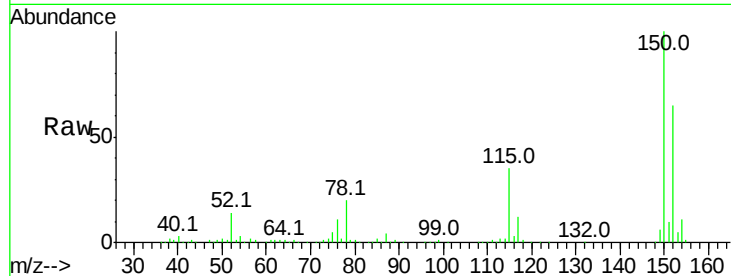
Tot Ion:152 Resp: 220193

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

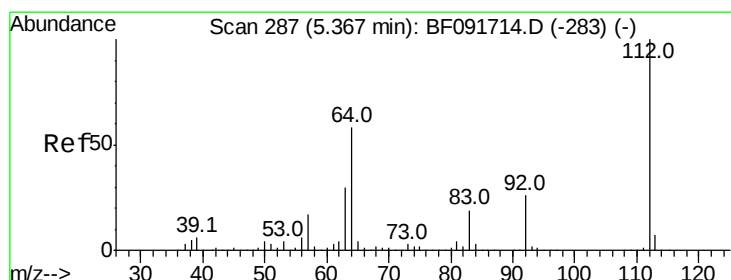
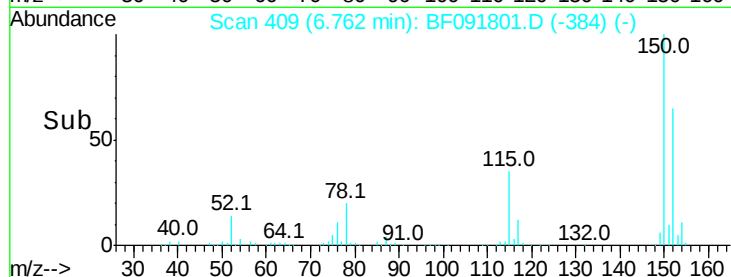
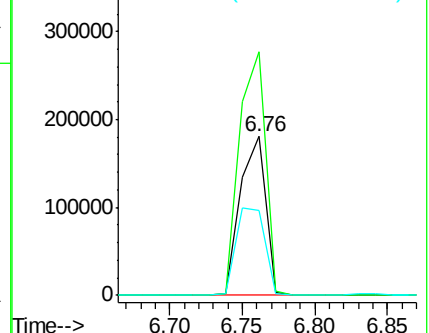
115 53.2 46.0 69.0



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: 51.89 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

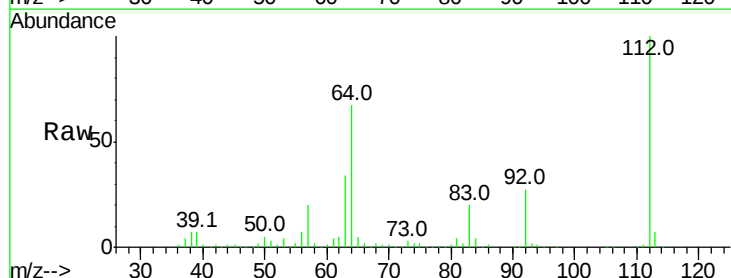
Tgt Ion:112 Resp: 681993

Ion Ratio Lower Upper

112 100

64 67.0 46.1 69.1

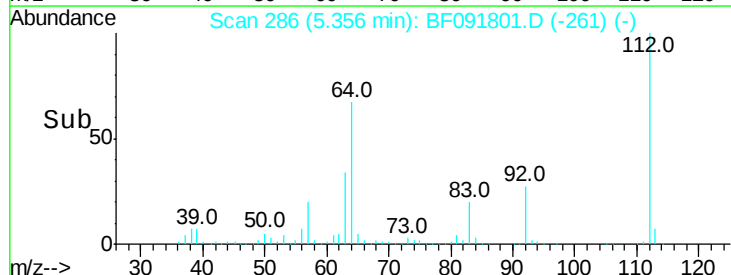
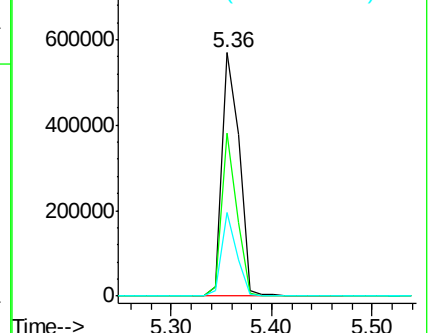
63 34.4 23.8 35.6

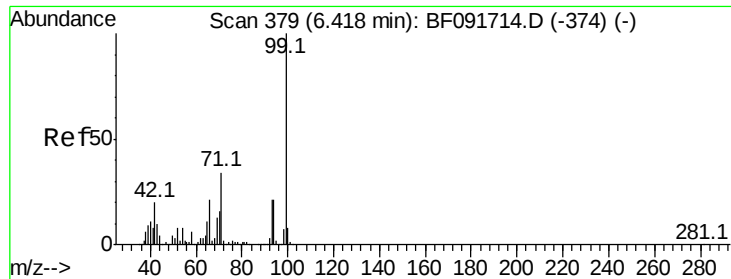


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.07 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

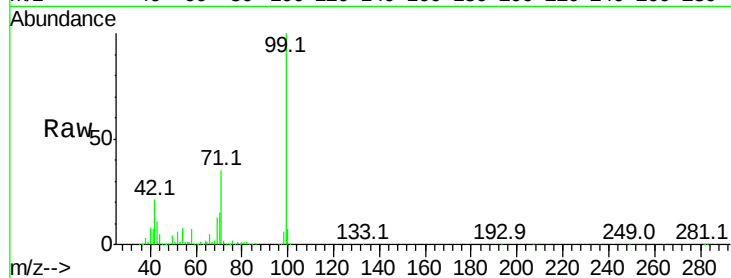
Tot Ion: 99 Resp: 530080

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

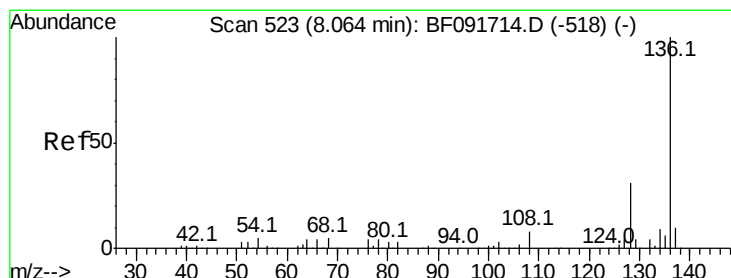
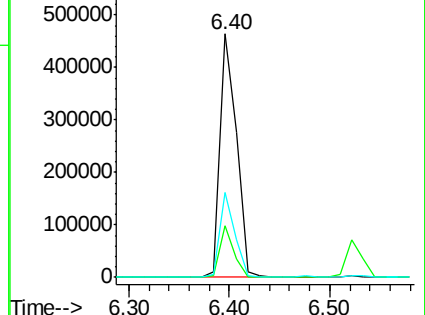
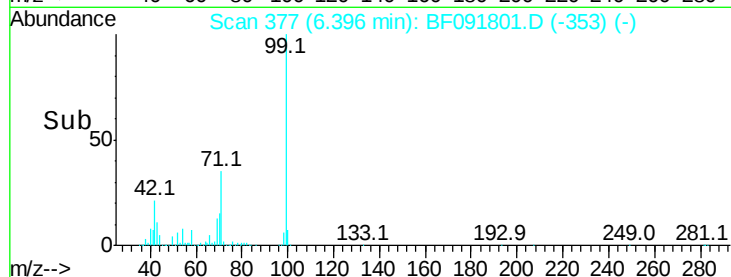
71 34.8 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Tgt Ion: 136 Resp: 963545

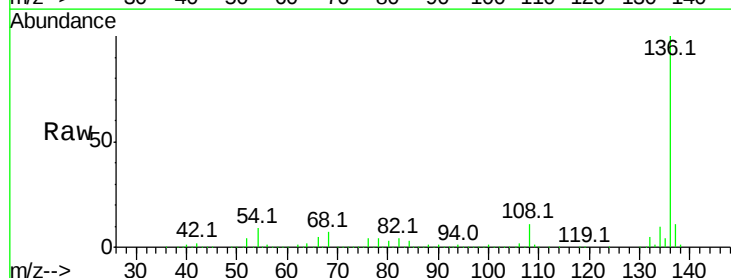
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.6 4.5 6.7#

68 6.9 3.6 5.4#

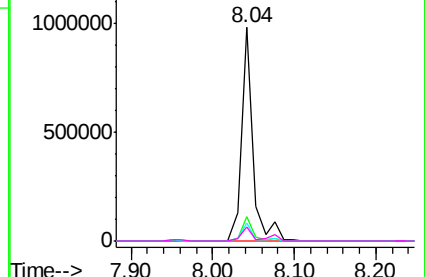
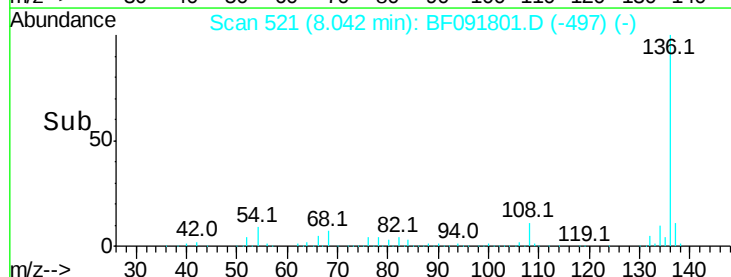


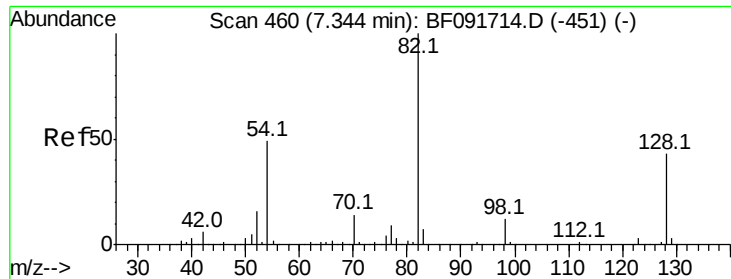
Abundance Ion 136.00 (135.70 to 136.70): E

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

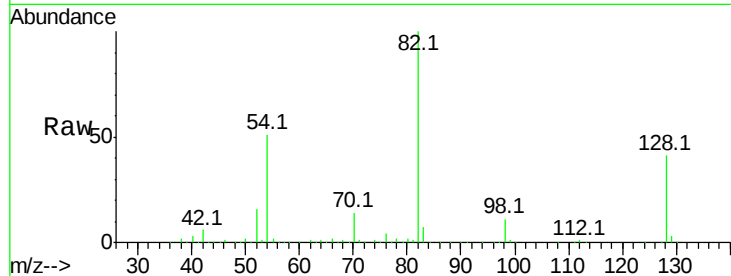




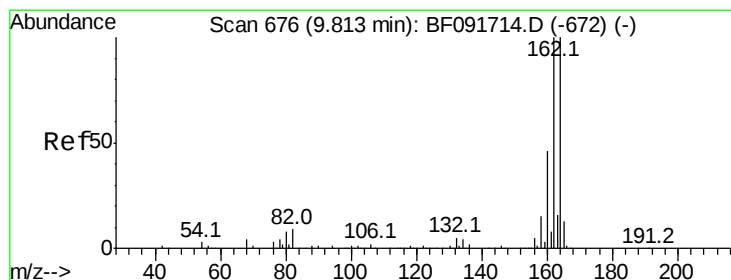
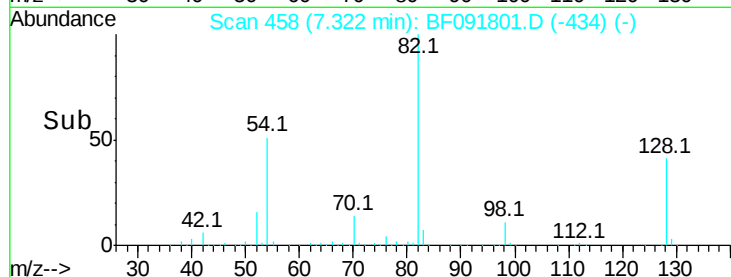
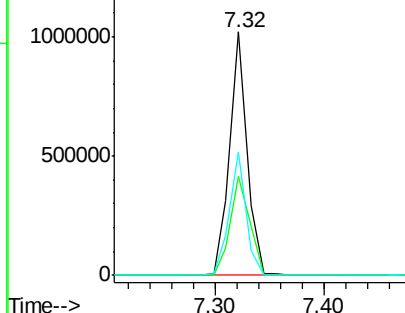
#23
Nitrobenzene-d5
Concen: 68.09 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091801.D
Acq: 20 Dec 2016 4:11

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tot Ion: 82 Resp: 1137648
Ion Ratio Lower Upper
82 100
128 40.5 34.6 52.0
54 50.8 39.5 59.3

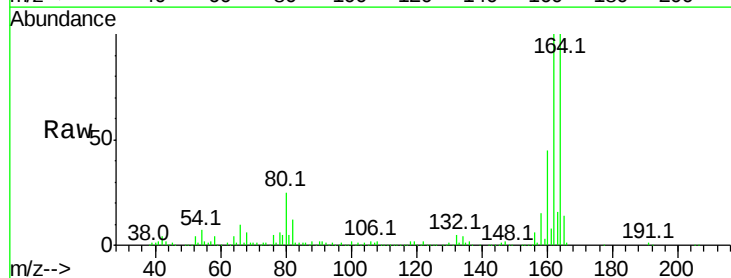


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

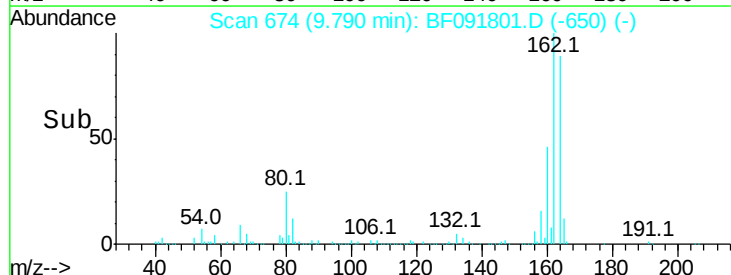
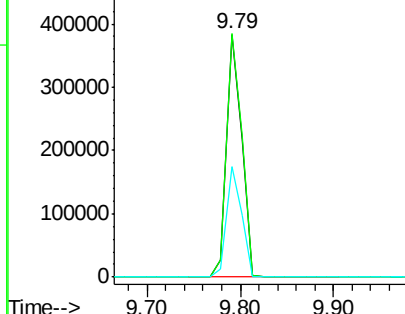


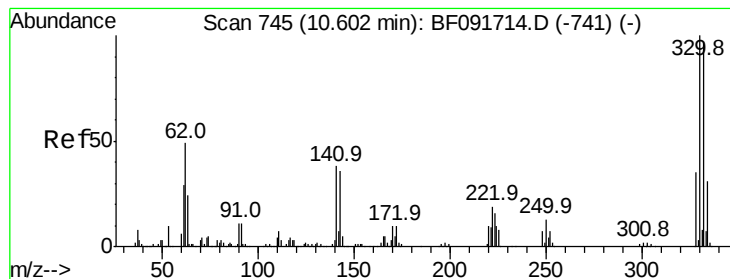
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091801.D
Acq: 20 Dec 2016 4:11

Tgt Ion:164 Resp: 435019
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 45.5 36.9 55.3



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





#41

2,4,6-Tribromophenol

Concen: 108.60 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

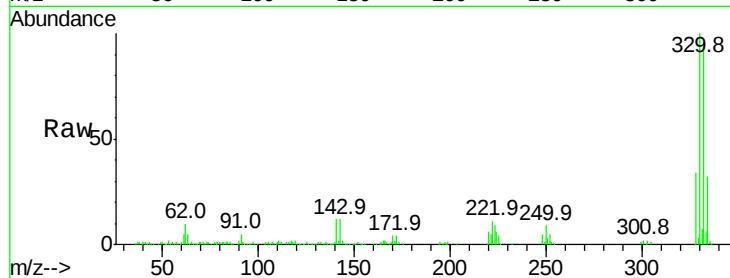
Tot Ion:330 Resp: 400603

Ion Ratio Lower Upper

330 100

332 94.5 77.4 116.2

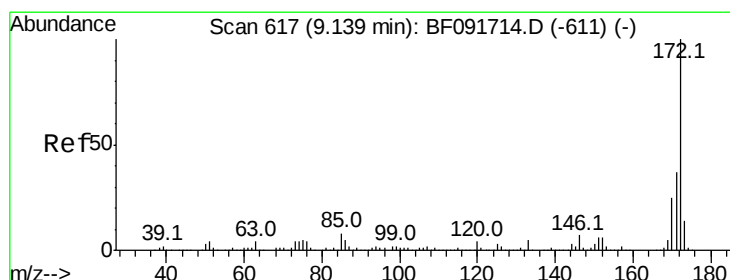
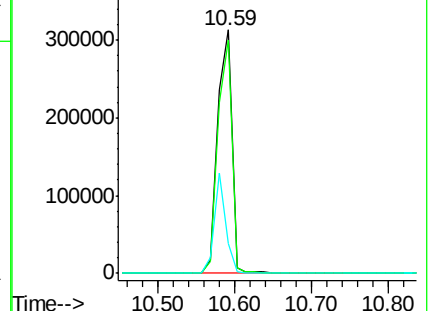
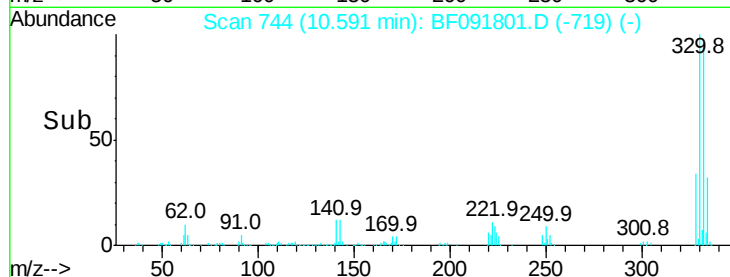
141 33.3 34.1 51.1#



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: 98.29 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

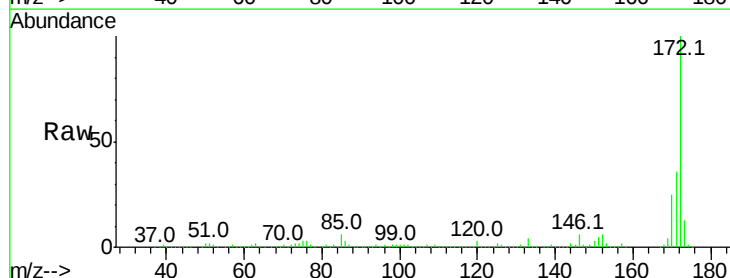
Tgt Ion:172 Resp: 2128281

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

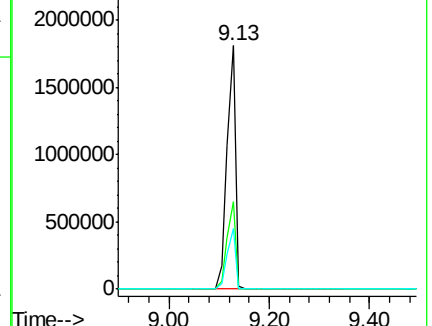
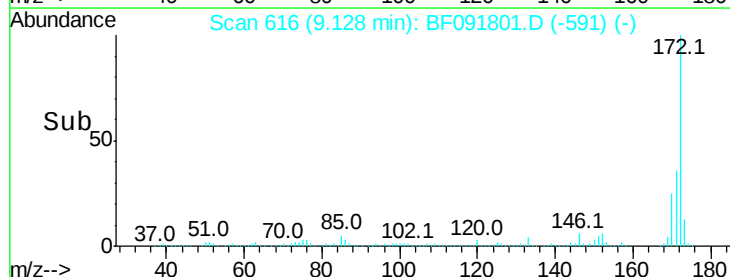
170 24.6 20.2 30.4

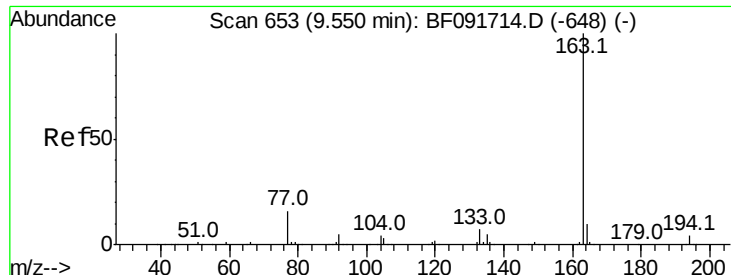


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.08 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

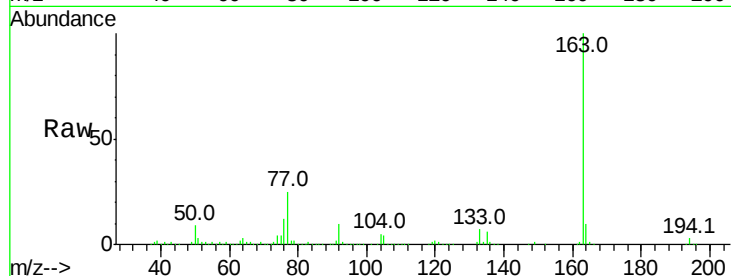
Tot Ion:163 Resp: 371789

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

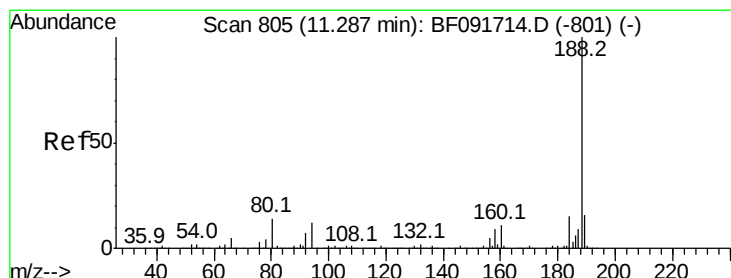
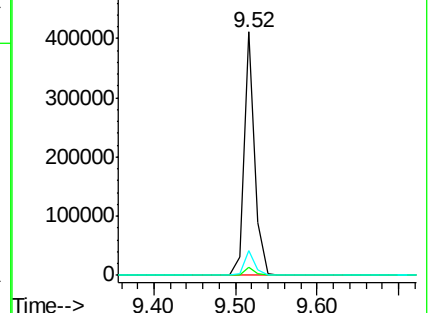
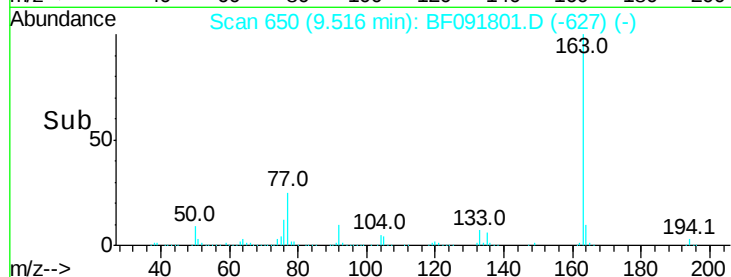
164 10.1 8.0 12.0



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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

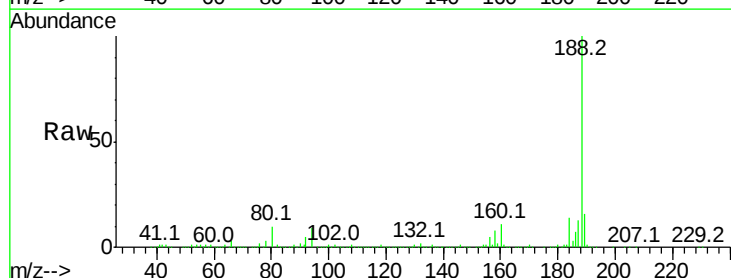
Tgt Ion:188 Resp: 721656

Ion Ratio Lower Upper

188 100

94 9.3 10.0 15.0#

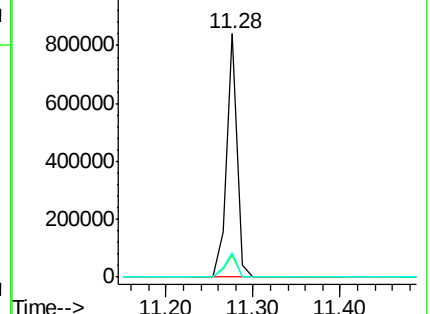
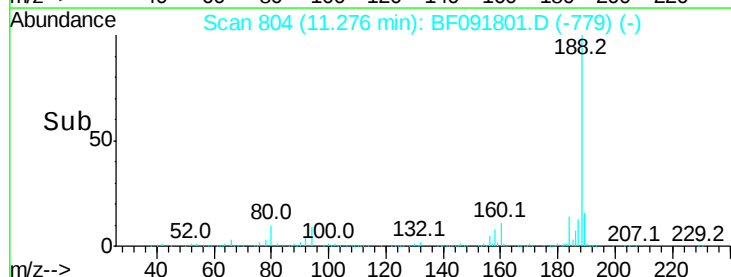
80 10.3 11.2 16.8#

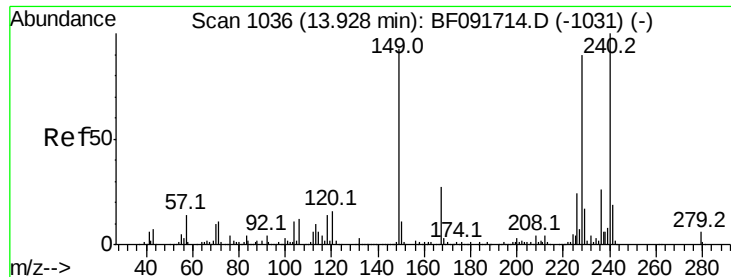


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

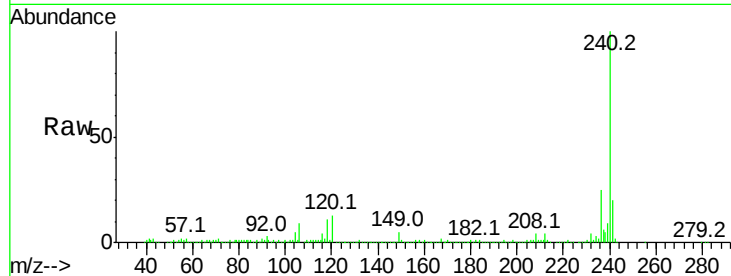
Tot Ion:240 Resp: 481422

Ion Ratio Lower Upper

240 100

120 12.5 12.9 19.3#

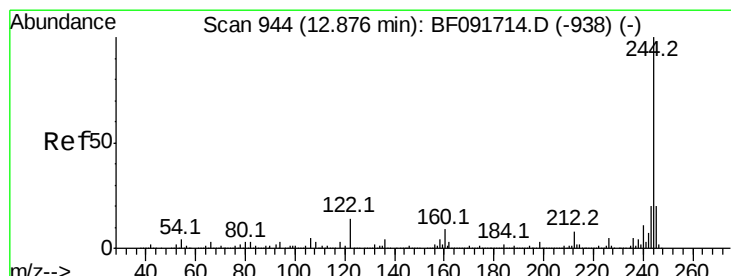
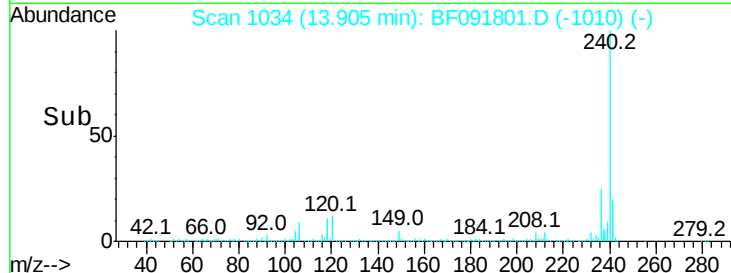
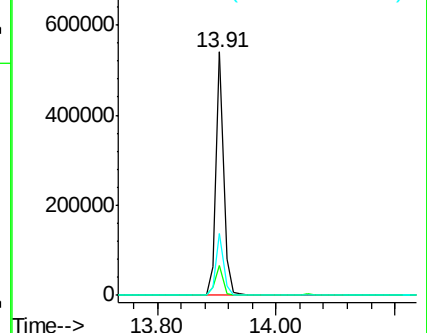
236 25.4 20.9 31.3



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: 79.54 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

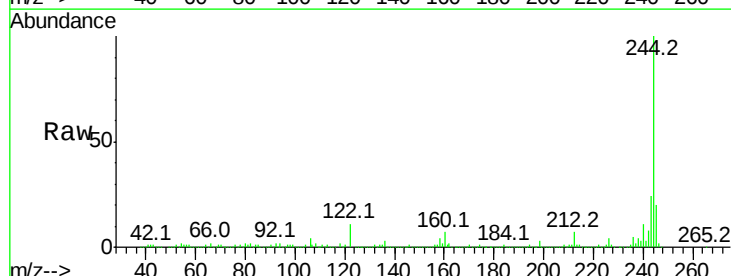
Tgt Ion:244 Resp: 1516634

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

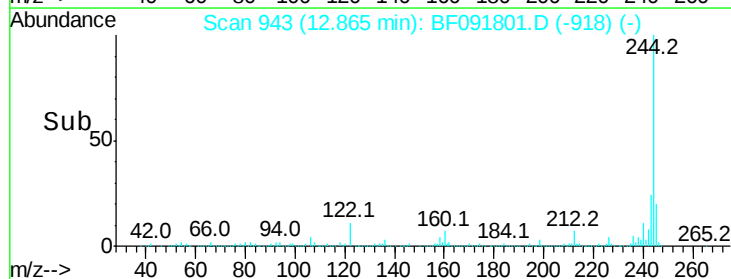
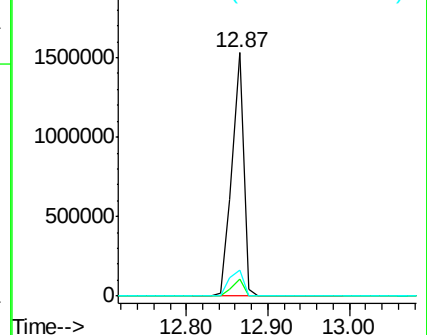
122 10.9 11.4 17.2#

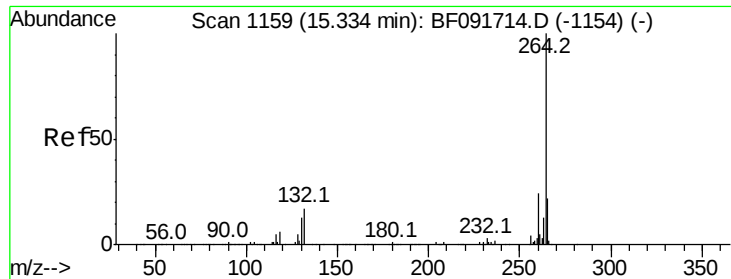


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091801.D
Acq: 20 Dec 2016 4:11

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tot Ion: 264 Resp: 421846

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.4	26.0

