

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF092012.D
 Acq On : 28 Dec 2016 23:27
 Operator : UM/SJ
 Sample : H6300-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Dec 29 02:34:17 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

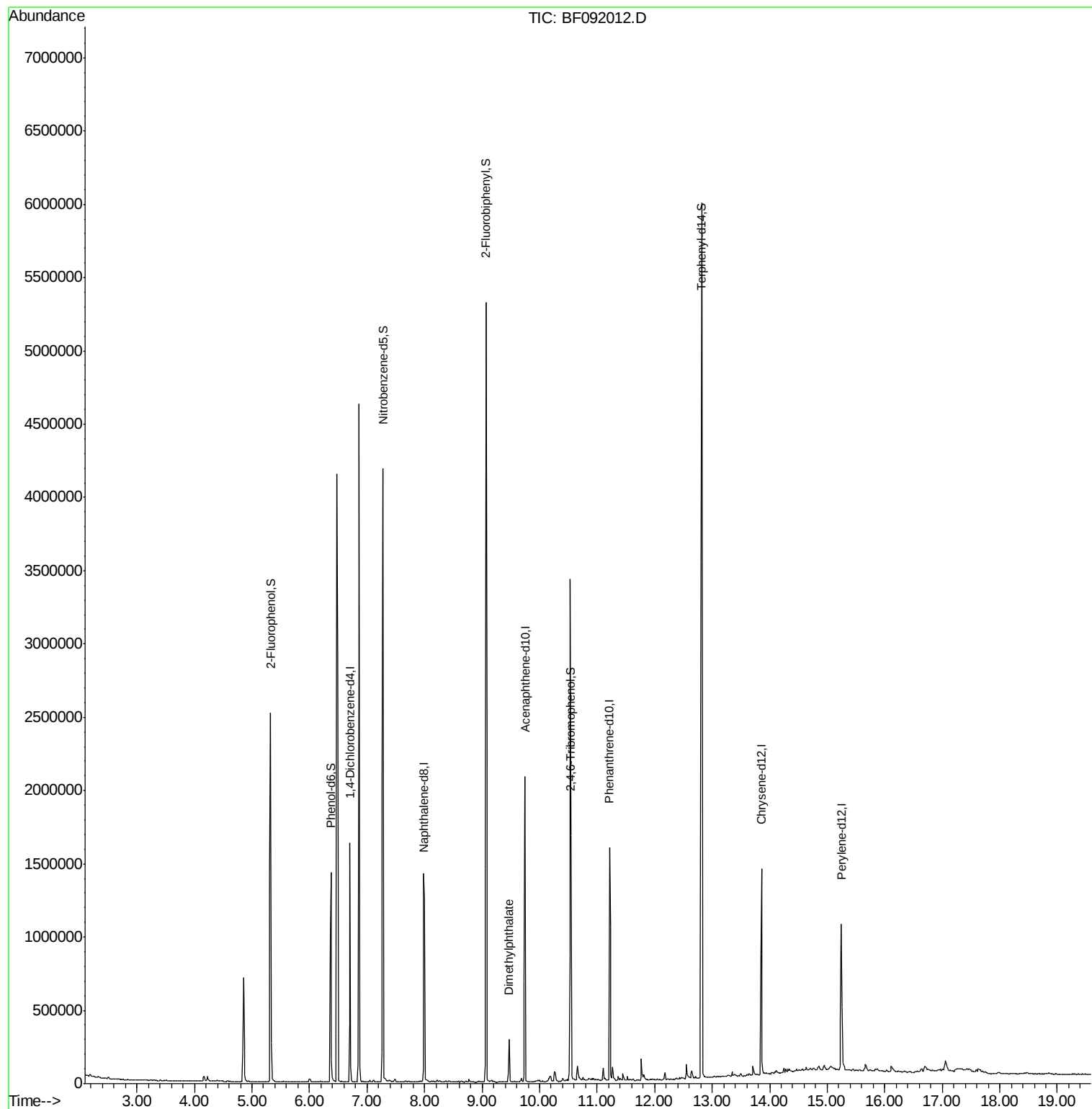
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	249040	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	991320	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	470768	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	761158	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	596069	20.00	ng	-0.01
86) Perylene-d12	15.24	264	451990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	875289	58.69	ng	0.00
7) Phenol-d6	6.37	99	672362	36.92	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1608910	90.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	548665	140.83	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2167171	95.99	ng	-0.01
78) Terphenyl-d14	12.82	244	2204932	89.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	118975	3.95	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

DSN001

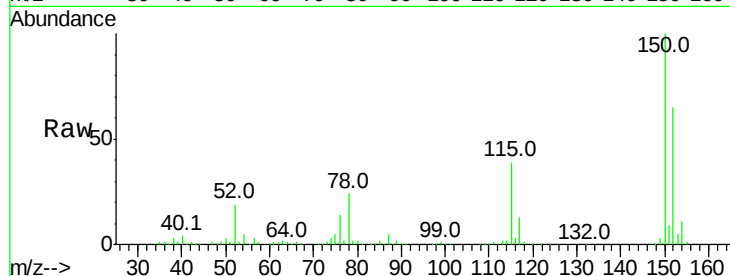
Tot Ion:152 Resp: 249040

Ion Ratio Lower Upper

152 100

150 152.9 124.9 187.3

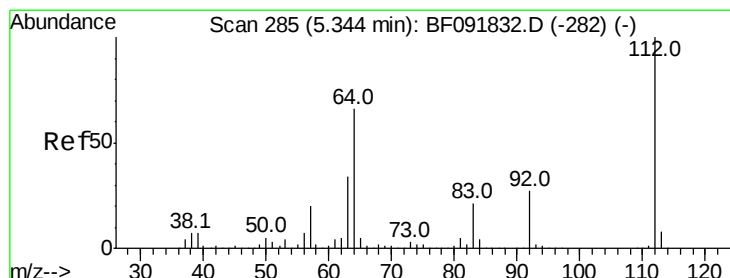
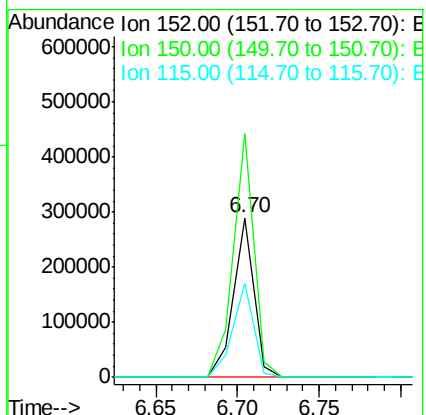
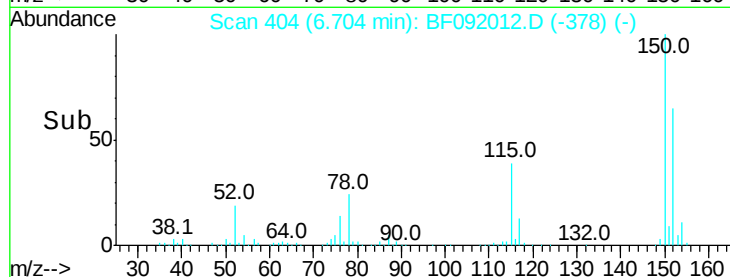
115 59.0 46.0 69.0



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



#5

2-Fluorophenol

Concen: 58.69 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

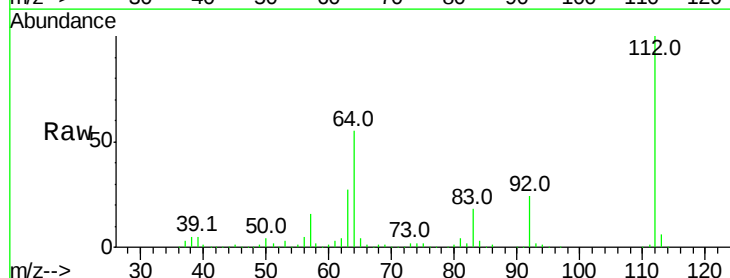
Tgt Ion:112 Resp: 875289

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

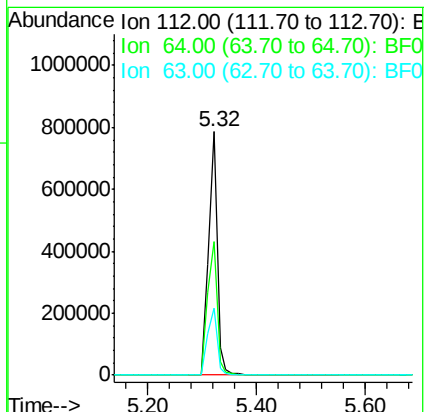
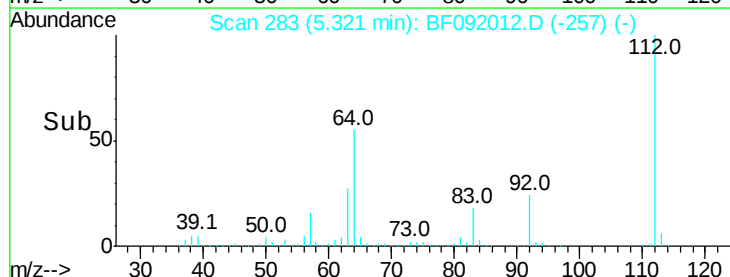
63 27.4 23.8 35.6



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: 36.92 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

DSN001

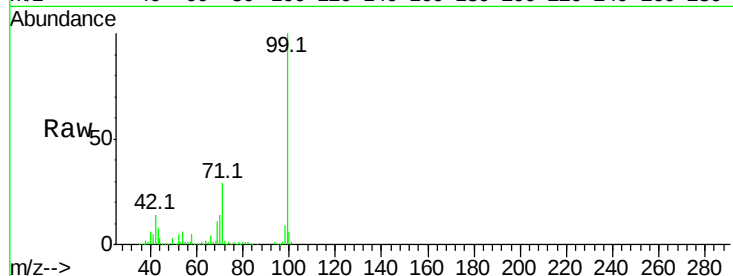
Tot Ion: 99 Resp: 672362

Ion Ratio Lower Upper

99 100

42 14.4 15.6 23.4#

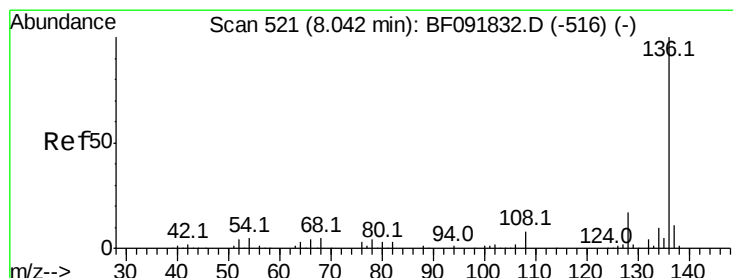
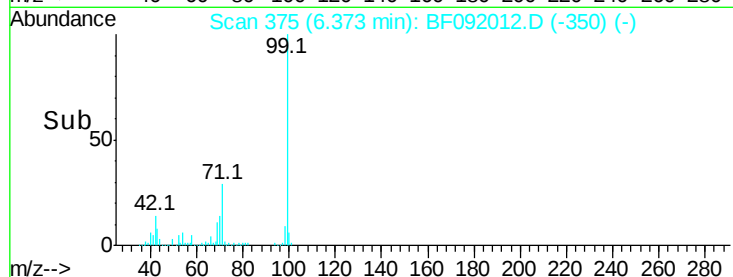
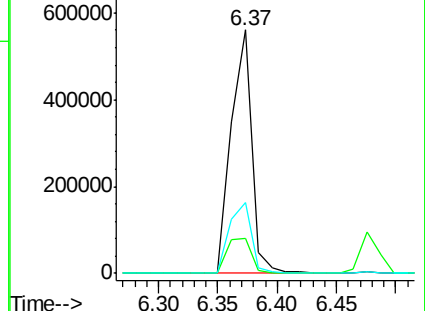
71 29.2 27.5 41.3



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: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Tgt Ion: 136 Resp: 991320

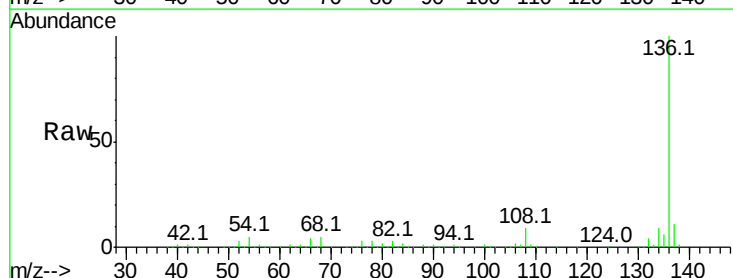
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 5.2 4.5 6.7

68 4.5 3.6 5.4

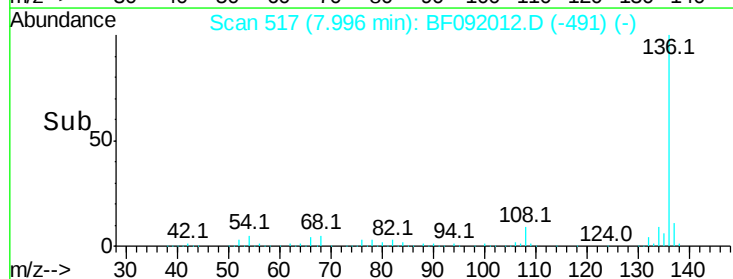
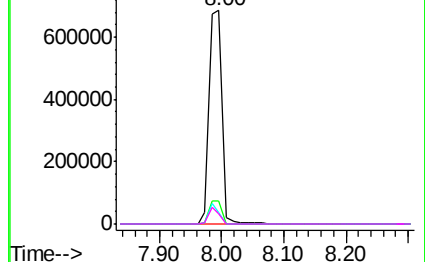


Abundance Ion 136.00 (135.70 to 136.70): E

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

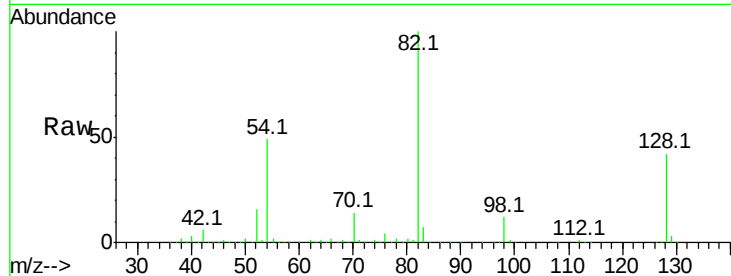




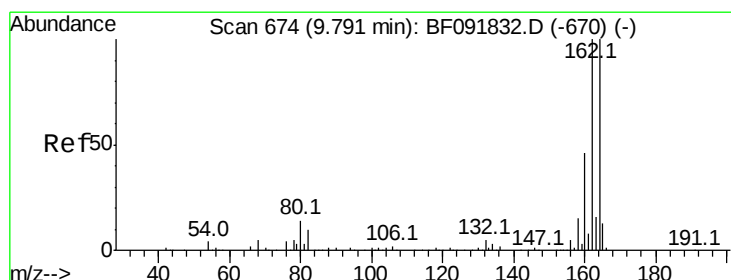
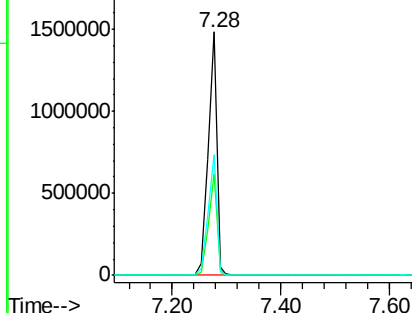
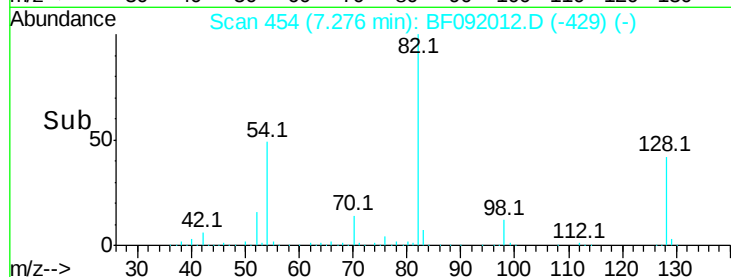
#23
Nitrobenzene-d5
Concen: 90.25 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092012.D
Acq: 28 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion: 82 Resp: 1608910
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 49.4 39.5 59.3

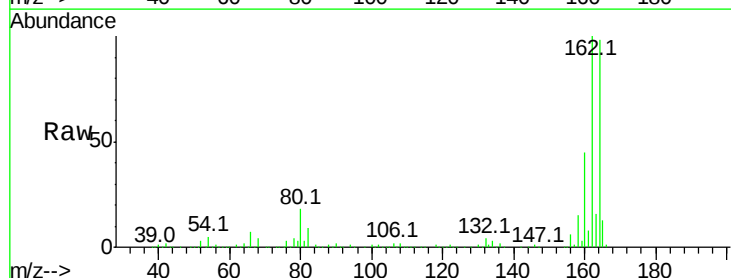


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

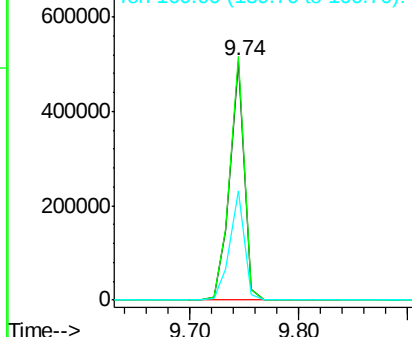
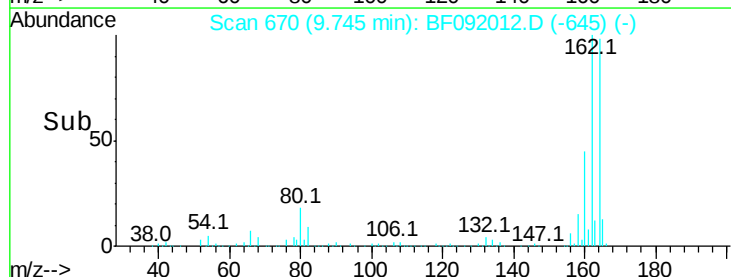


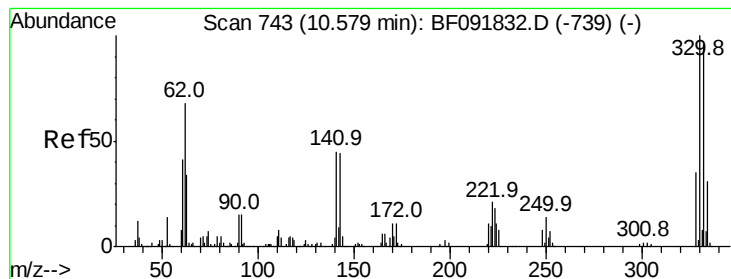
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092012.D
Acq: 28 Dec 2016 23:27

Tgt Ion:164 Resp: 470768
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 45.8 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: 140.83 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

DSN001

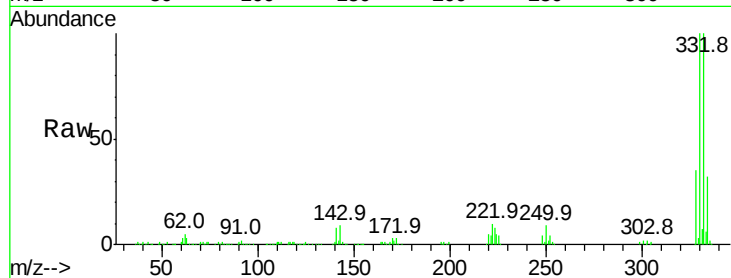
Tot Ion:330 Resp: 548665

Ion Ratio Lower Upper

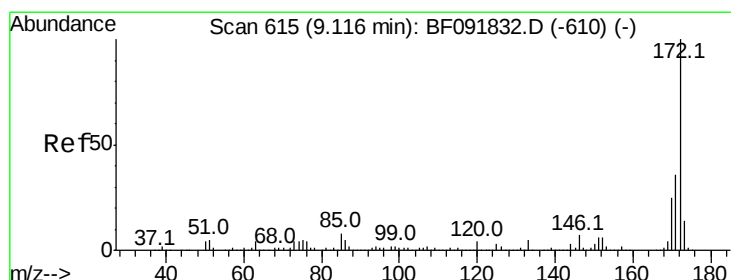
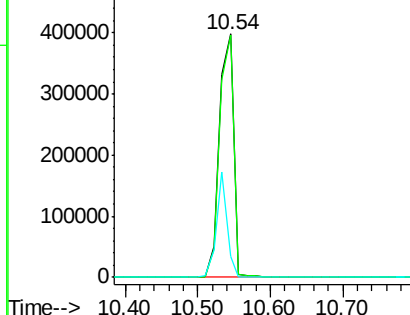
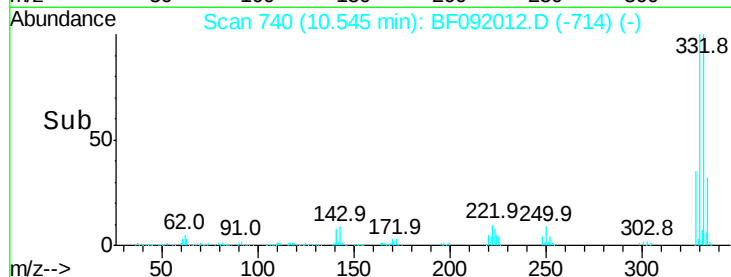
330 100

332 98.3 77.4 116.2

141 32.4 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: 95.99 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

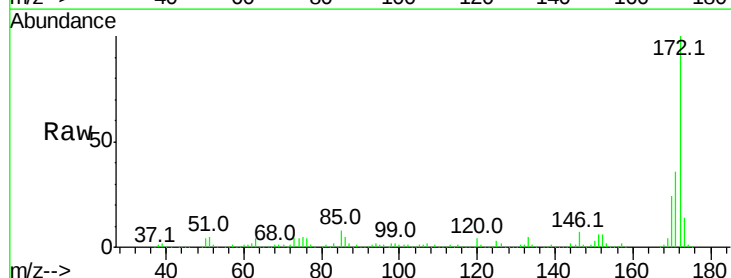
Tgt Ion:172 Resp: 2167171

Ion Ratio Lower Upper

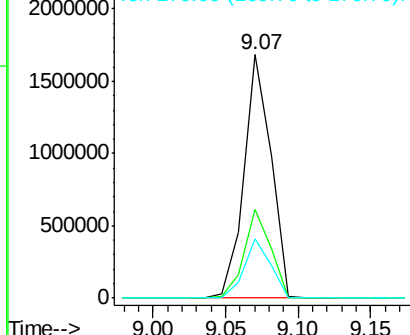
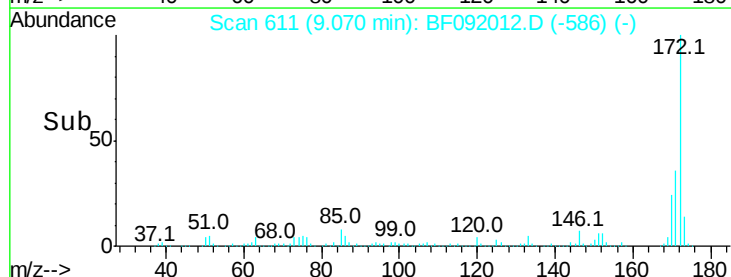
172 100

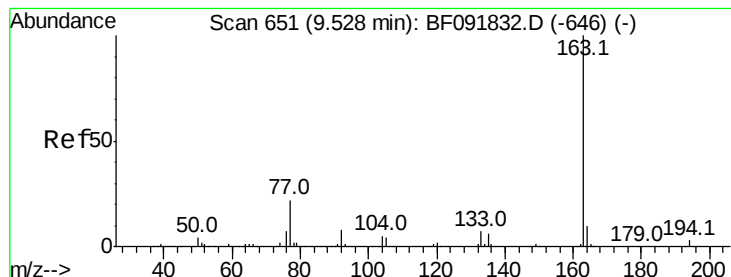
171 36.4 29.4 44.0

170 24.4 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: 3.95 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

DSN001

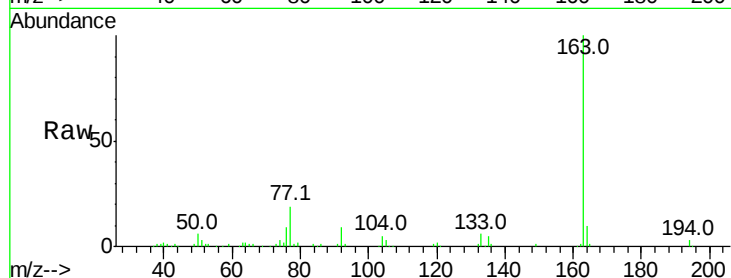
Tot Ion:163 Resp: 118975

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

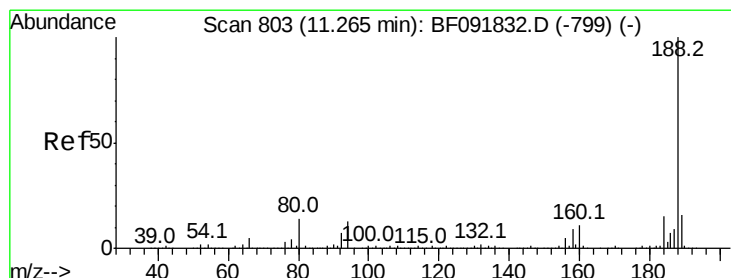
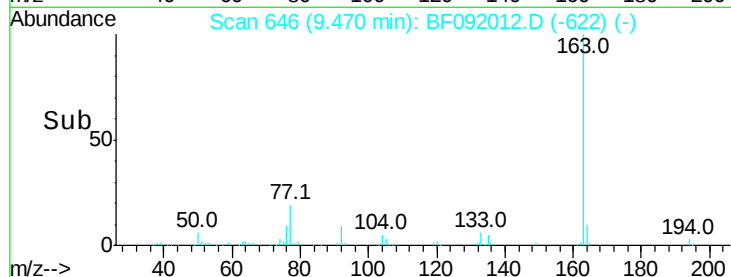
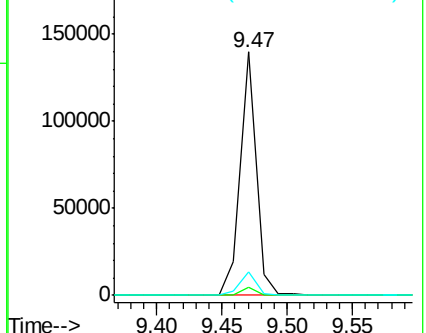
164 9.8 8.0 12.0



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: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

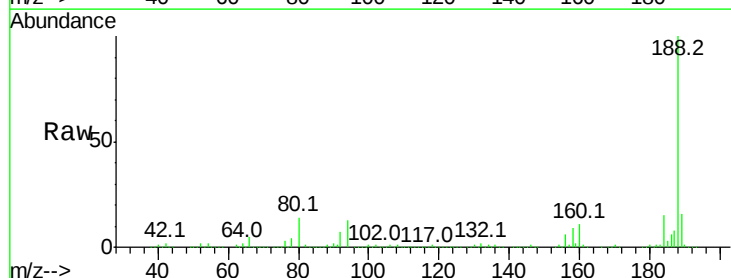
Tgt Ion:188 Resp: 761158

Ion Ratio Lower Upper

188 100

94 12.8 10.0 15.0

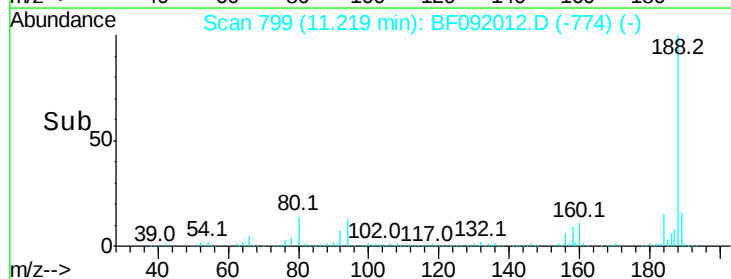
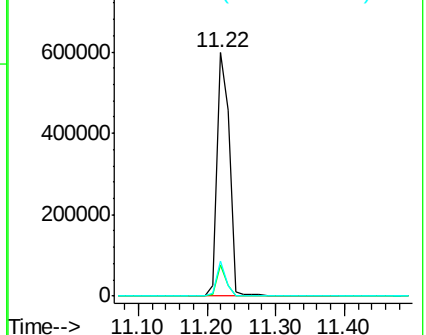
80 14.3 11.2 16.8

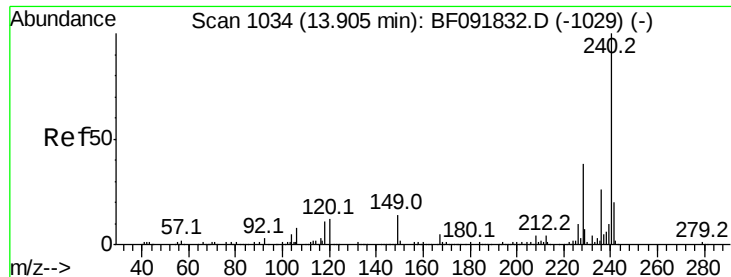


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

Instrument :

BNA_F

ClientSampleId :

DSN001

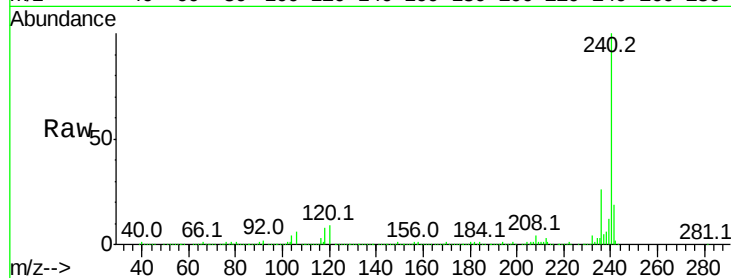
Tot Ion:240 Resp: 596069

Ion Ratio Lower Upper

240 100

120 9.0 12.9 19.3#

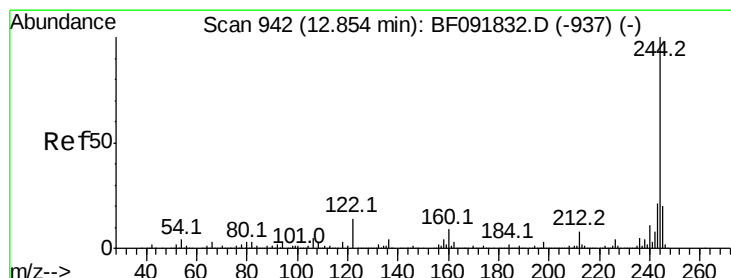
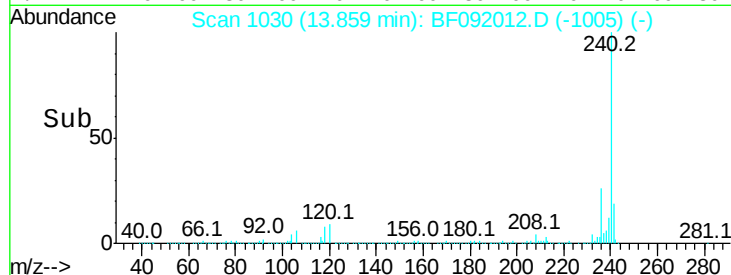
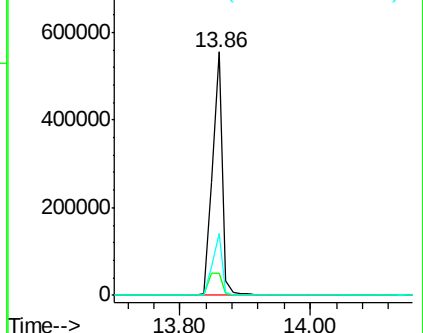
236 25.5 20.9 31.3



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: 89.71 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF092012.D

Acq: 28 Dec 2016 23:27

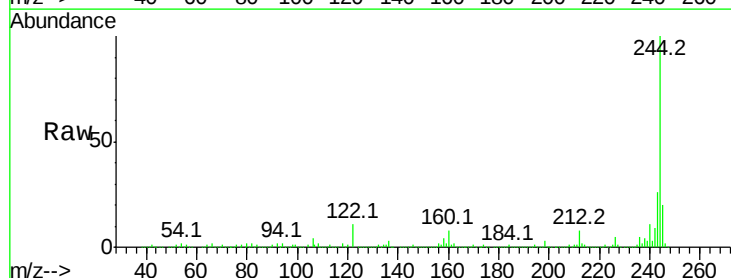
Tgt Ion:244 Resp: 2204932

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

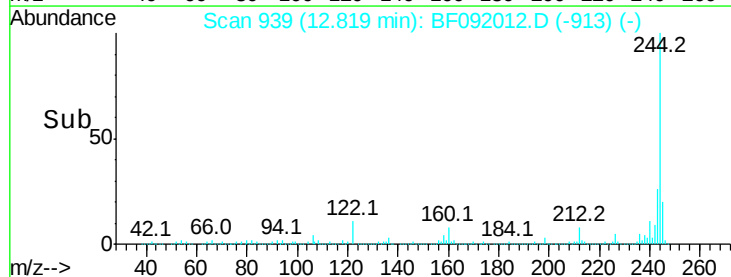
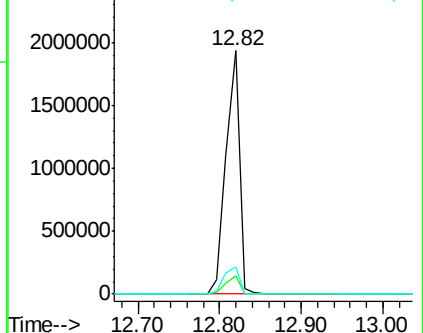
122 11.4 11.4 17.2#

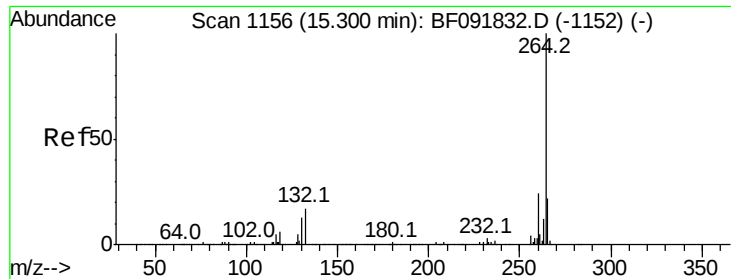


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

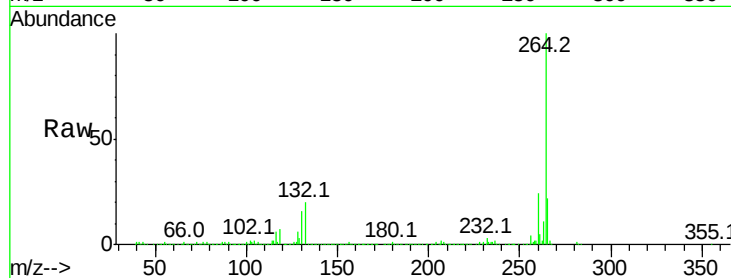




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF092012.D
Acq: 28 Dec 2016 23:27

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:264 Resp: 451990
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

