

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
 Data File : BF091721.D
 Acq On : 18 Dec 2016 00:16
 Operator : UM/SJ
 Sample : PB95408BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BL

Quant Time: Dec 18 03:07:17 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	269622	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1180218	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	597941	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1122121	20.00	ng	0.00
75) Chrysene-d12	13.92	240	1001509	20.00	ng	-0.01
86) Perylene-d12	15.32	264	954043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2044774	127.06	ng	0.01
7) Phenol-d6	6.41	99	2766066	140.93	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1674529	81.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	724216	142.84	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2982536	100.21	ng	0.00
78) Terphenyl-d14	12.88	244	2967648	74.82	ng	0.00

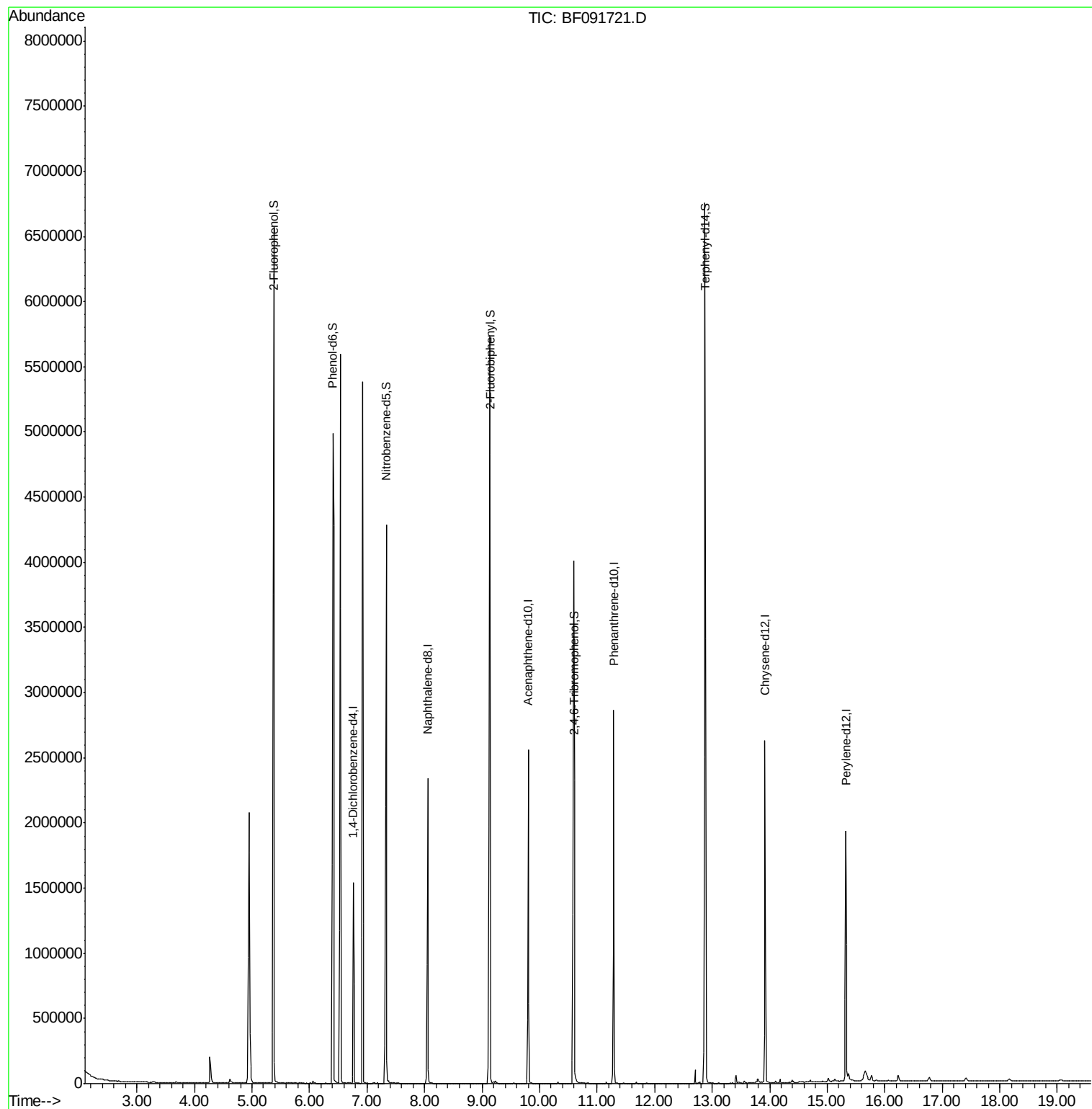
Target Compounds Qvalue

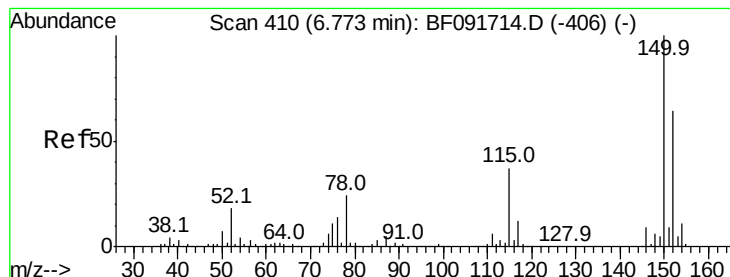
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091721.D

Acq: 18 Dec 2016 00:16

Instrument :

BNA_F

ClientSampleId :

PB95408BL

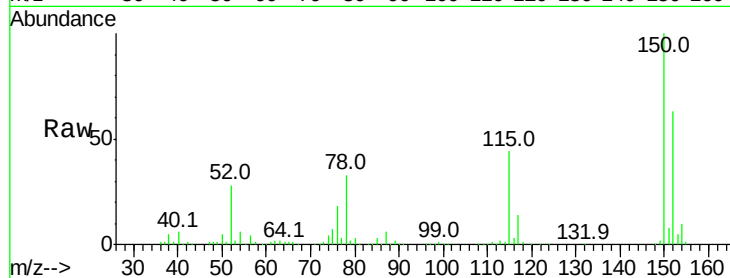
Tot Ion:152 Resp: 269622

Ion Ratio Lower Upper

152 100

150 159.5 124.9 187.3

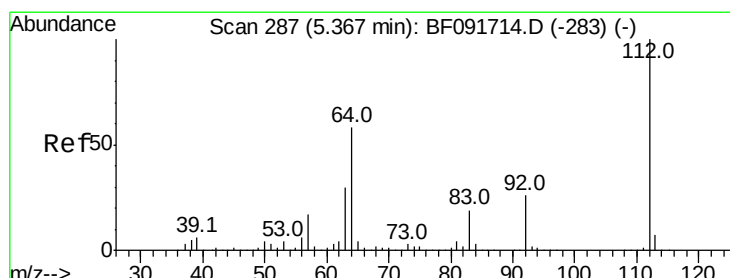
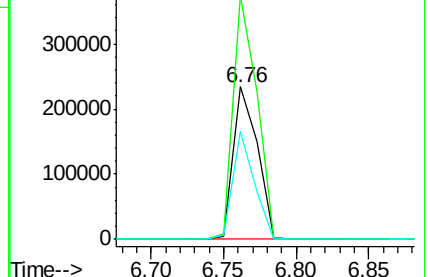
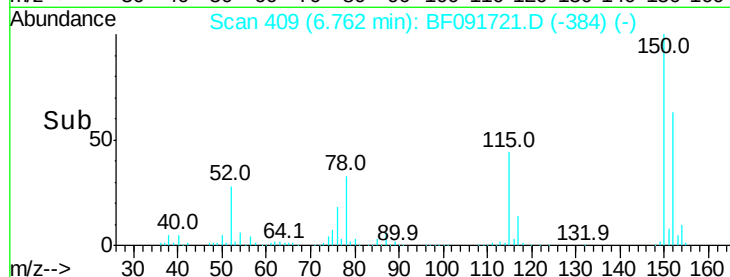
115 70.3 46.0 69.0#



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: 127.06 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091721.D

Acq: 18 Dec 2016 00:16

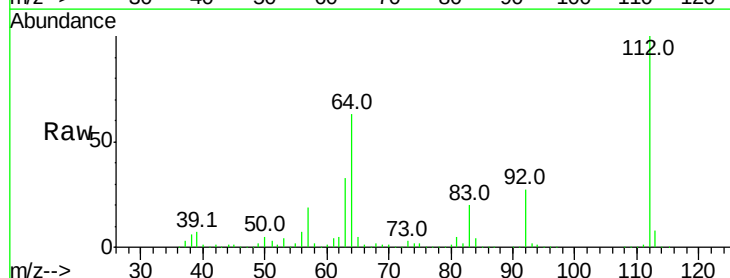
Tgt Ion:112 Resp: 2044774

Ion Ratio Lower Upper

112 100

64 63.3 46.1 69.1

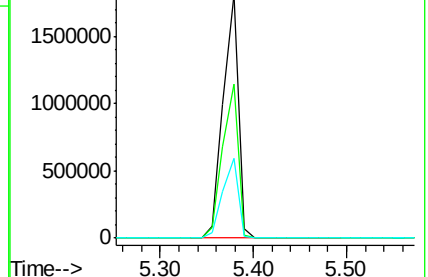
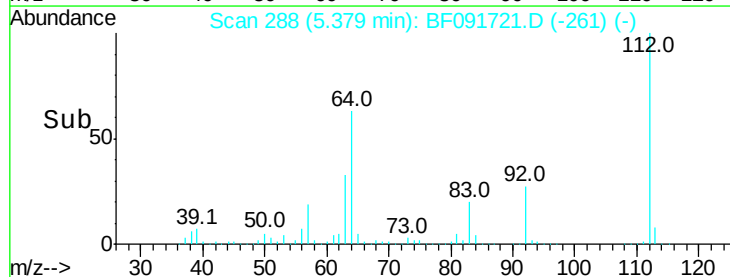
63 32.9 23.8 35.6

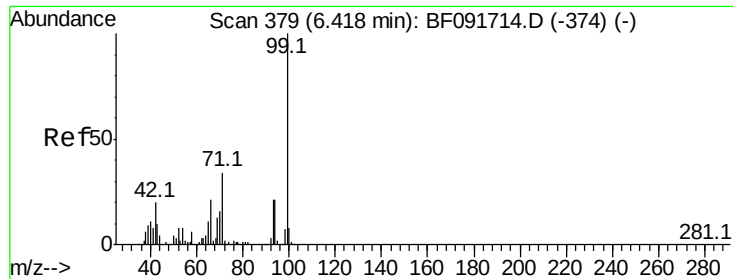


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.93 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091721.D

Acq: 18 Dec 2016 00:16

Instrument :

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ClientSampleId :

PB95408BL

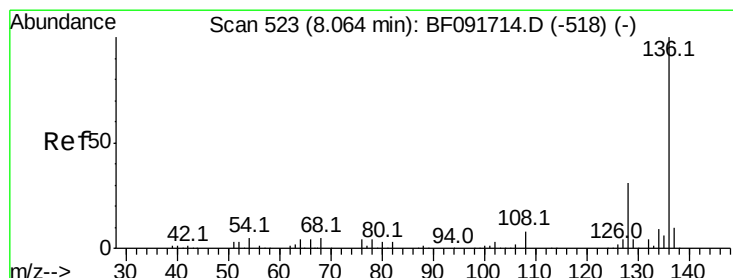
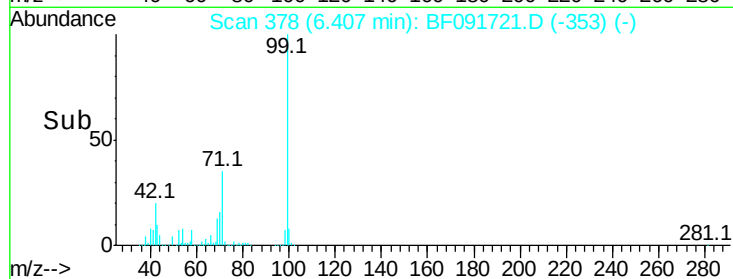
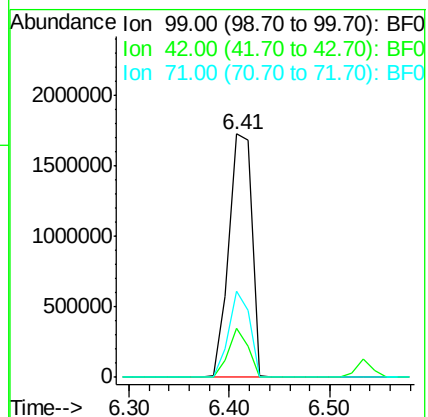
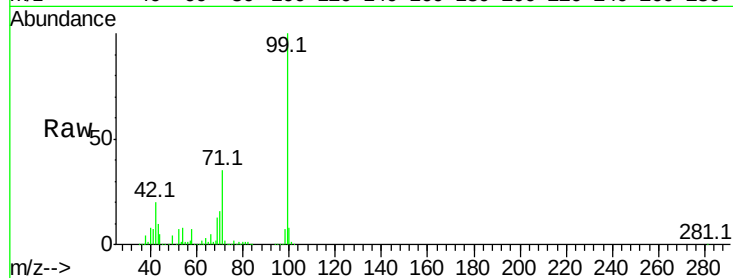
Tot Ion: 99 Resp: 2766066

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

71 35.2 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091721.D

Acq: 18 Dec 2016 00:16

Tgt Ion: 136 Resp: 1180218

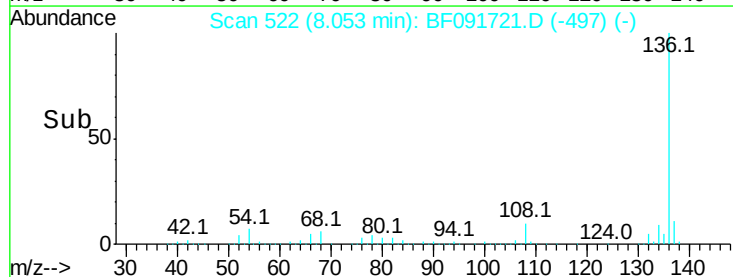
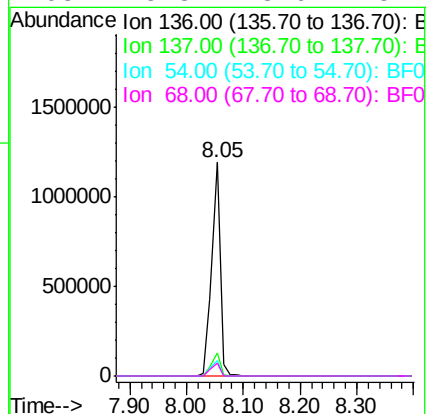
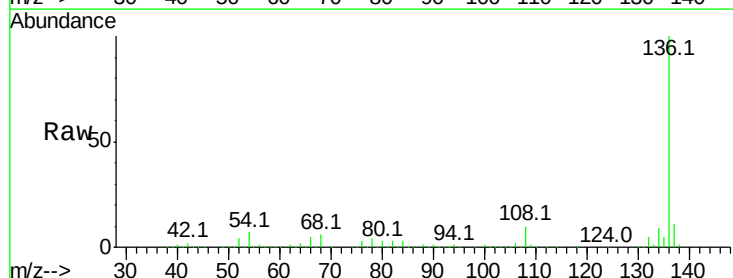
Ion Ratio Lower Upper

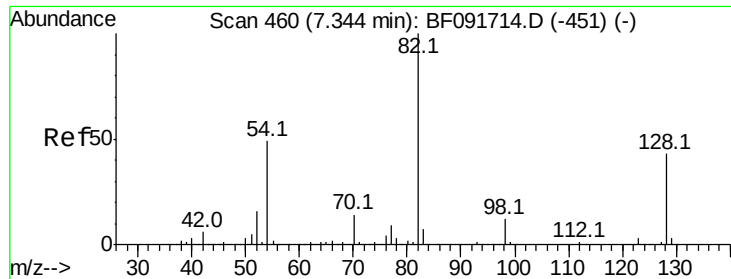
136 100

137 11.0 8.4 12.6

54 7.3 4.5 6.7#

68 5.8 3.6 5.4#

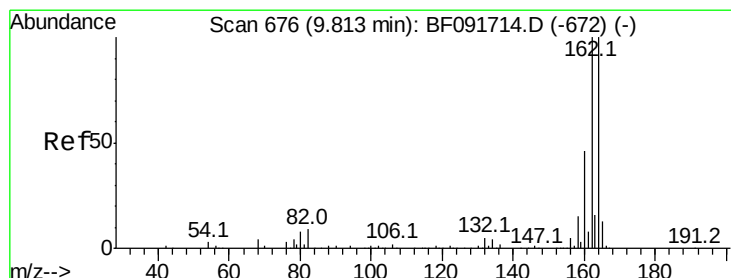
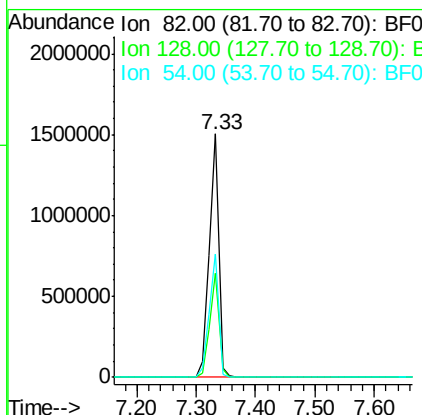
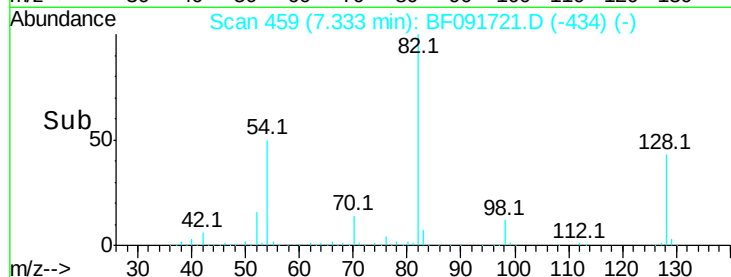
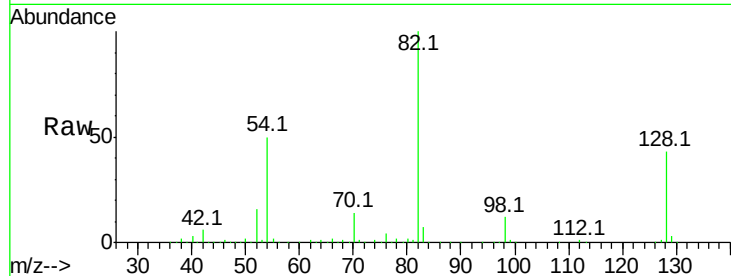




#23
 Nitrobenzene-d5
 Concen: 81.82 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091721.D
 Acq: 18 Dec 2016 00:16

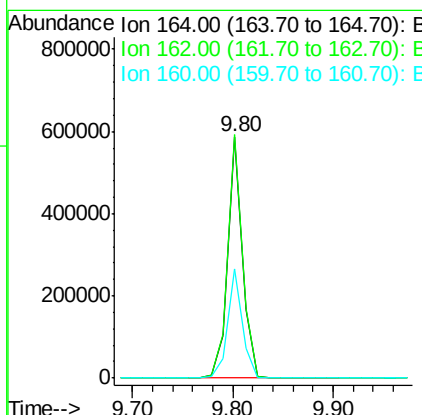
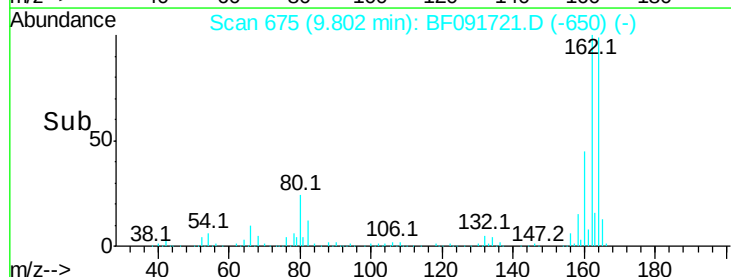
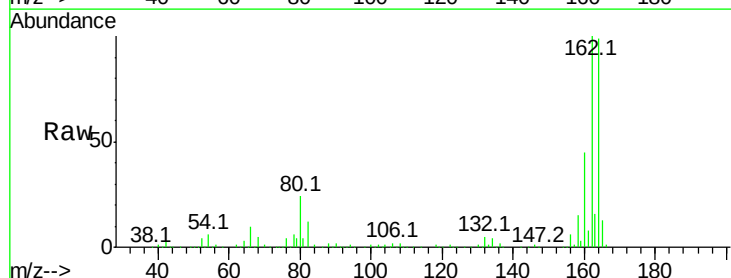
Instrument :
 BNA_F
 ClientSampleId :
 PB95408BL

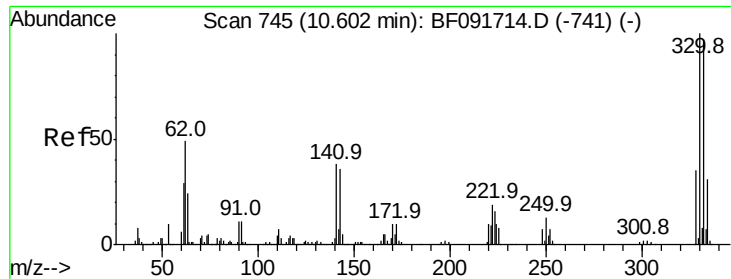
Tot Ion: 82 Resp: 1674529
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 50.5 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF091721.D
 Acq: 18 Dec 2016 00:16

Tgt Ion:164 Resp: 597941
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.2 120.2
 160 45.5 36.9 55.3

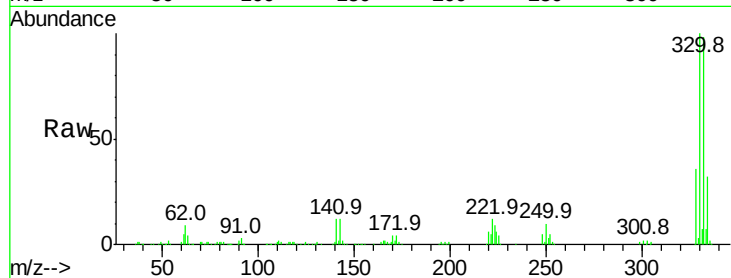




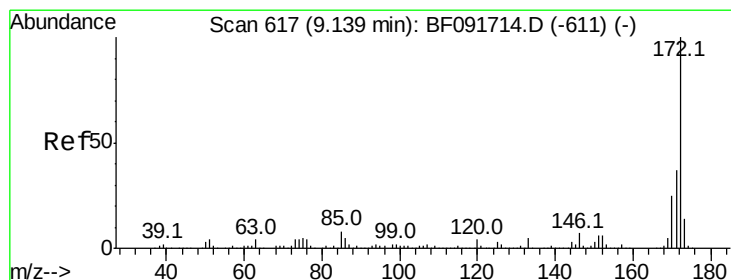
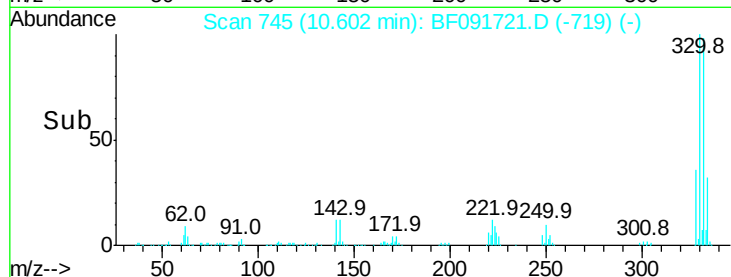
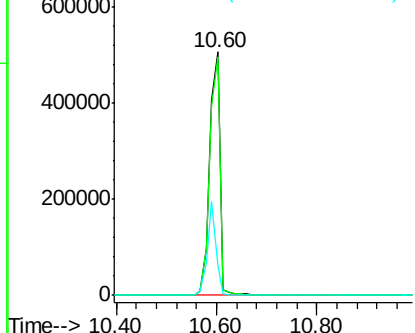
#41
 2,4,6-Tribromophenol
 Concen: 142.84 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091721.D
 Acq: 18 Dec 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BL

Tot Ion:330 Resp: 724216
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 32.8 34.1 51.1#

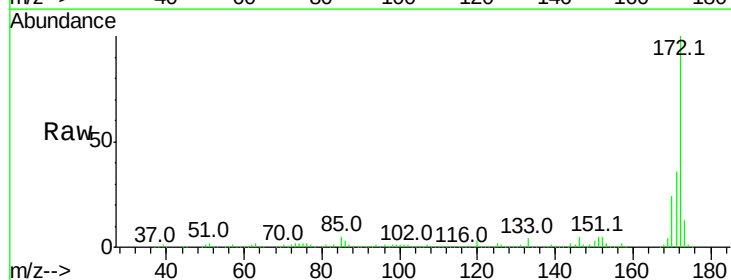


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

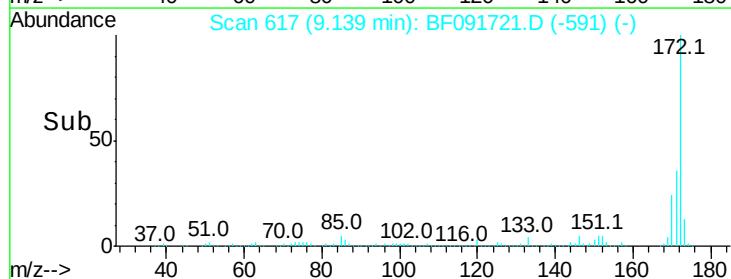
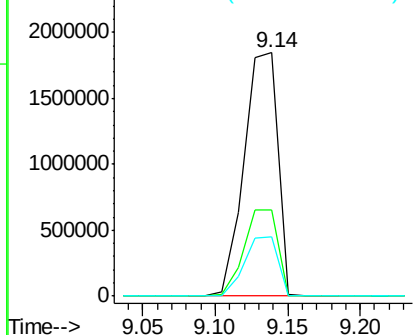


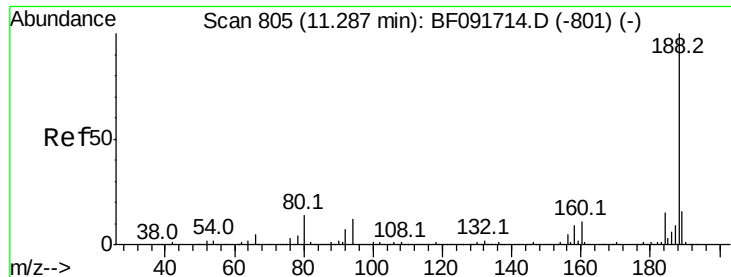
#44
 2-Fluorobiphenyl
 Concen: 100.21 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091721.D
 Acq: 18 Dec 2016 00:16

Tgt Ion:172 Resp: 2982536
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.2 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

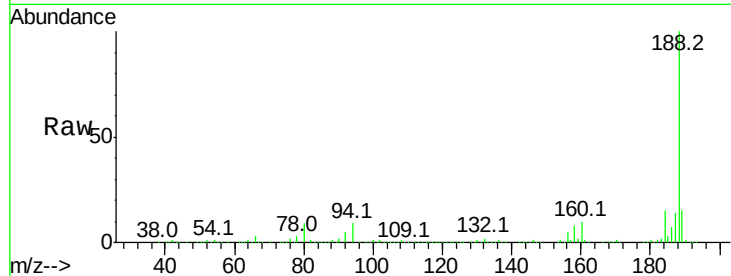




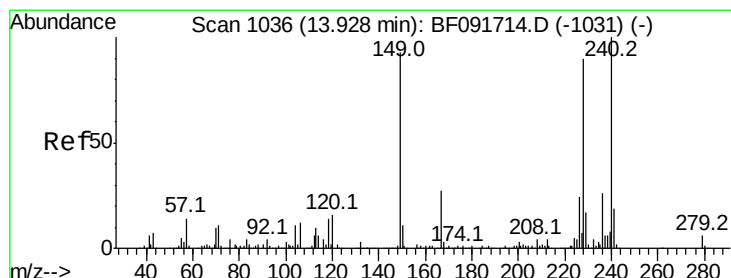
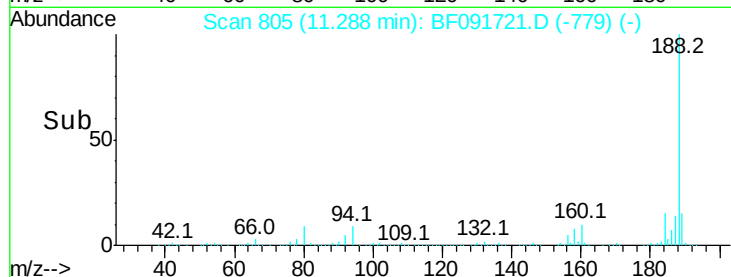
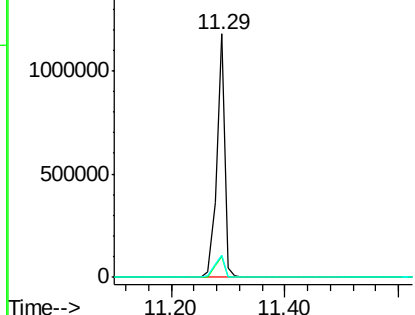
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091721.D
Acq: 18 Dec 2016 00:16

Instrument :
BNA_F
ClientSampleId :
PB95408BL

Tot Ion:188 Resp: 1122121
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 9.2 11.2 16.8#

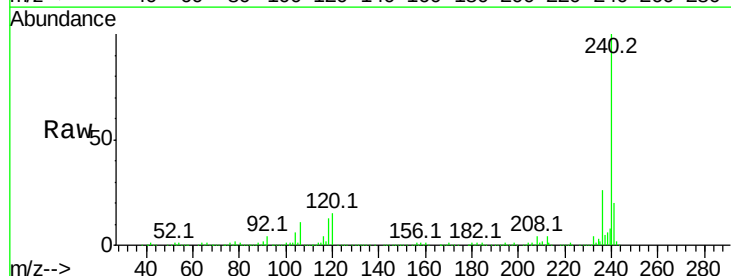


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

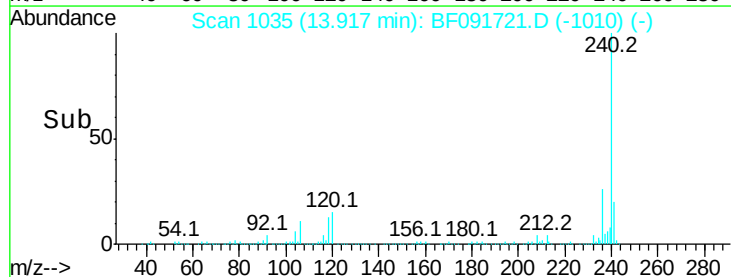
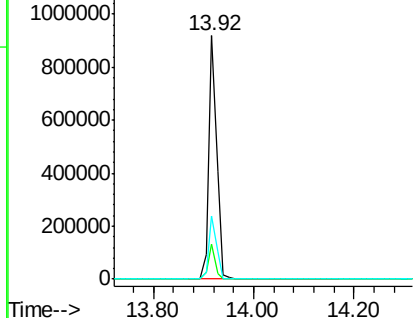


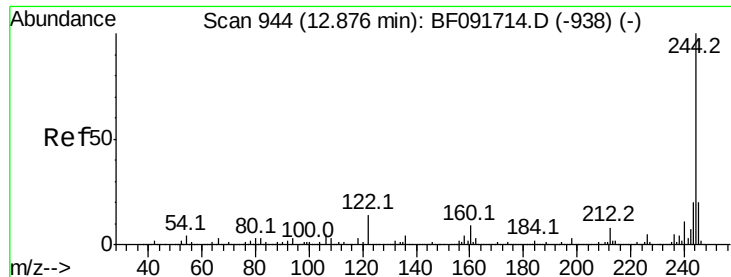
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091721.D
Acq: 18 Dec 2016 00:16

Tgt Ion:240 Resp: 1001509
Ion Ratio Lower Upper
240 100
120 14.5 12.9 19.3
236 26.1 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

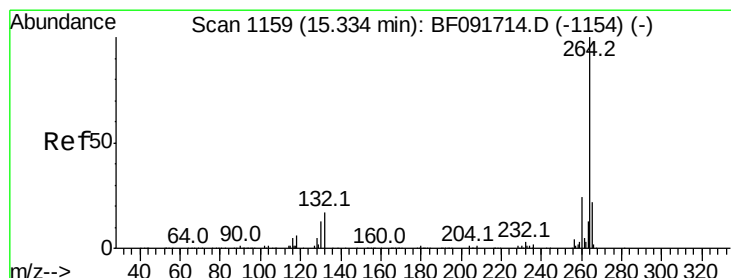
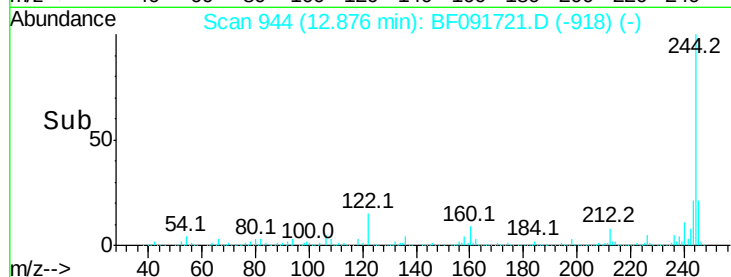
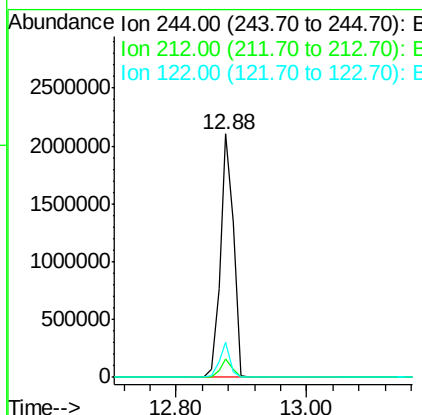
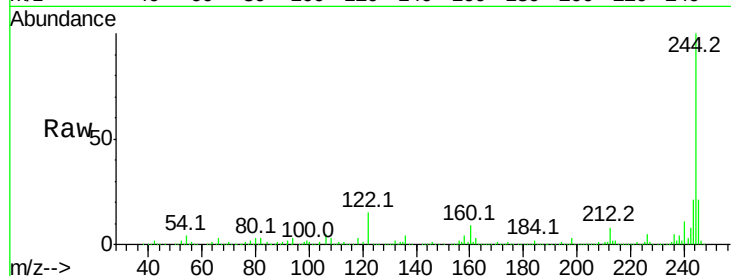




#78
 Terphenyl-d14
 Concen: 74.82 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091721.D
 Acq: 18 Dec 2016 00:16

Instrument :
 BNA_F
 ClientSampled :
 PB95408BL

Tot Ion:244 Resp: 2967648
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.6 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: BF091721.D
 Acq: 18 Dec 2016 00:16

Tgt Ion:264 Resp: 954043
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.8 17.4 26.0

