

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093421.D
 Acq On : 7 Mar 2017 16:19
 Operator : SJ/MA
 Sample : PB97390BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BL

Quant Time: Mar 08 00:38:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	179172	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	661261	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	317424	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	631585	20.00	ng	0.00
75) Chrysene-d12	13.92	240	573593	20.00	ng	0.00
86) Perylene-d12	15.33	264	499237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	977980	90.84	ng	0.01
7) Phenol-d6	6.41	99	1263560	93.08	ng	0.00
23) Nitrobenzene-d5	7.34	82	1137786	95.47	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	228876	110.67	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1632975	95.69	ng	-0.01
78) Terphenyl-d14	12.87	244	1484688	67.30	ng	0.00

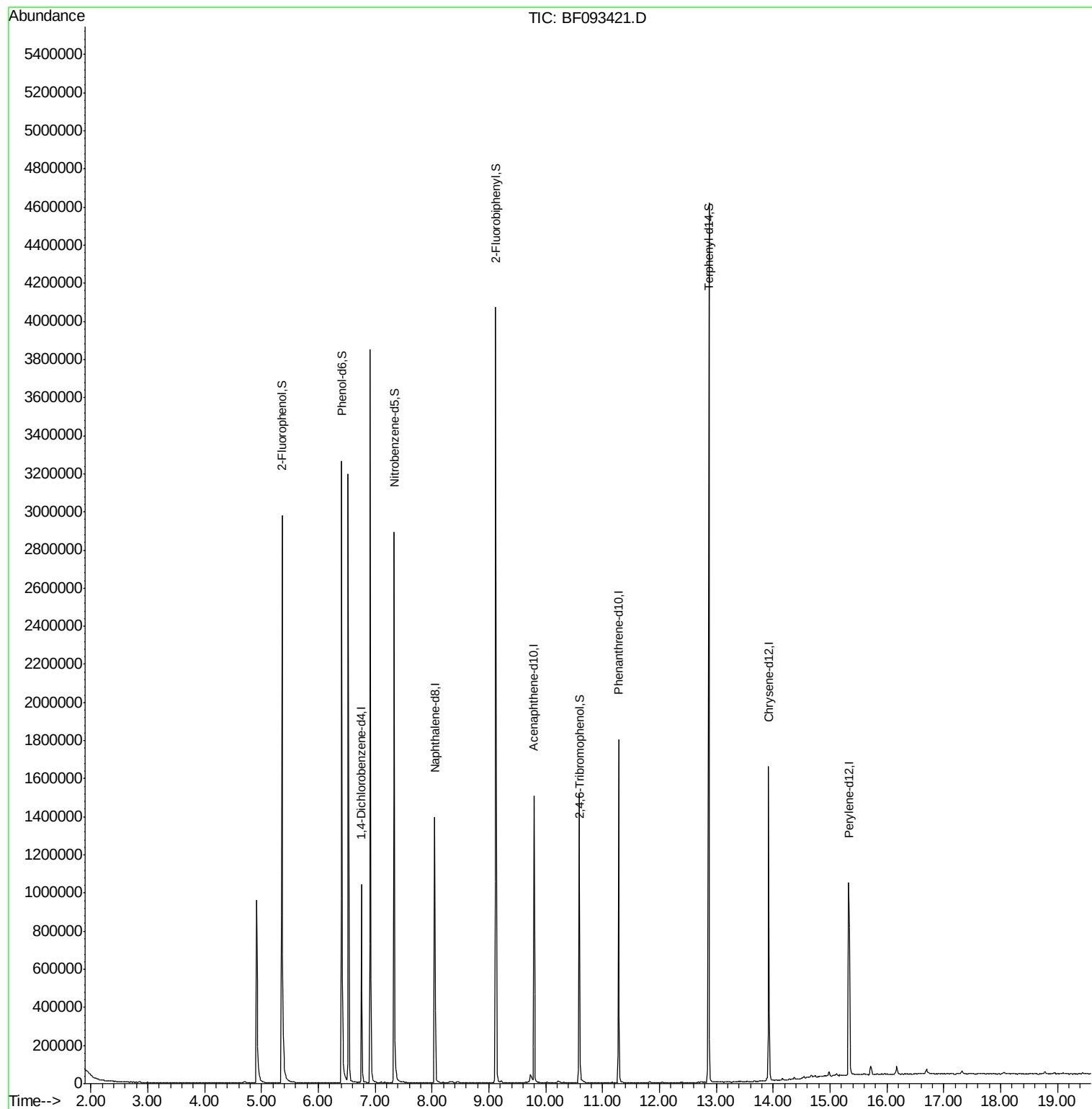
Target Compounds Qvalue

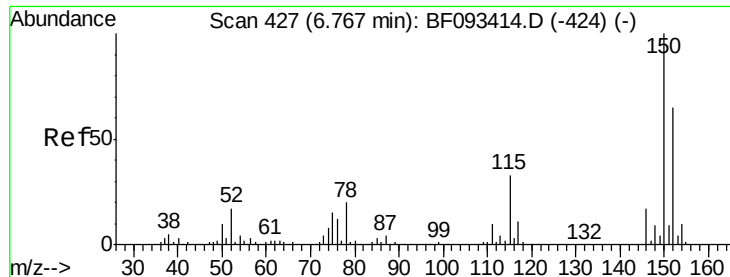
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

PB97390BL

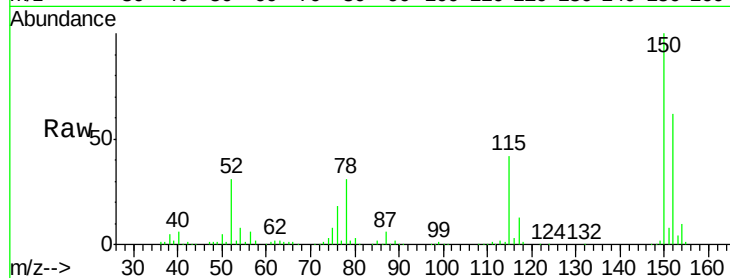
Tot Ion:152 Resp: 179172

Ion Ratio Lower Upper

152 100

150 162.5 124.9 187.3

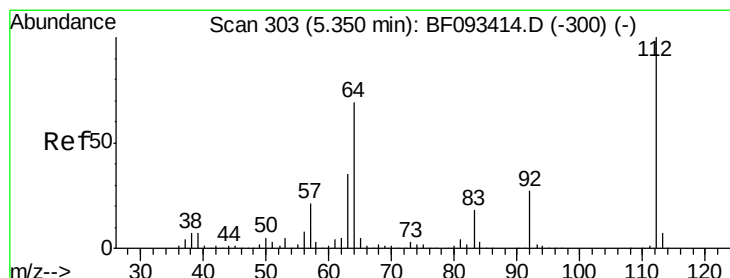
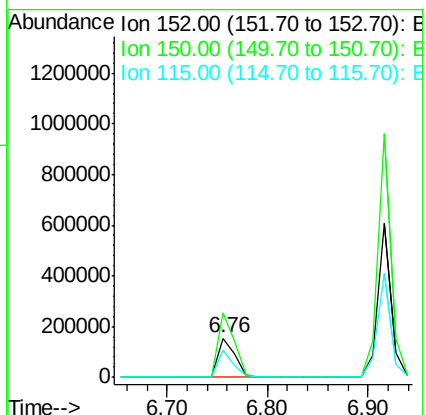
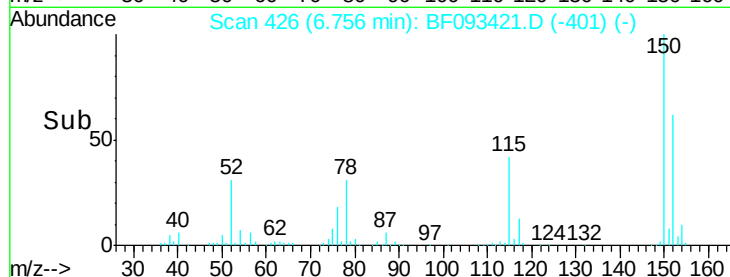
115 68.0 46.0 69.0



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: 90.84 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

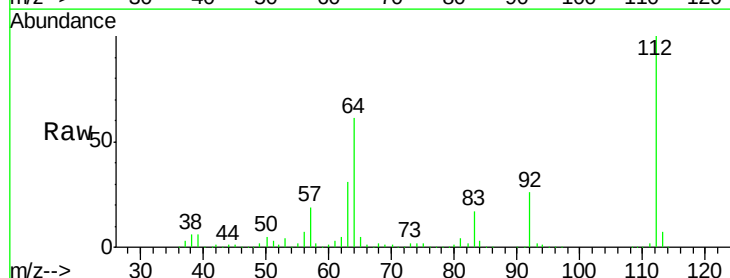
Tgt Ion:112 Resp: 977980

Ion Ratio Lower Upper

112 100

64 61.2 46.1 69.1

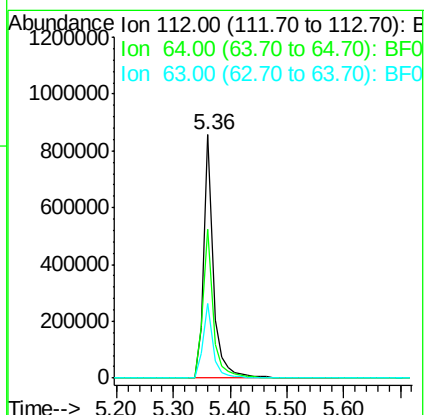
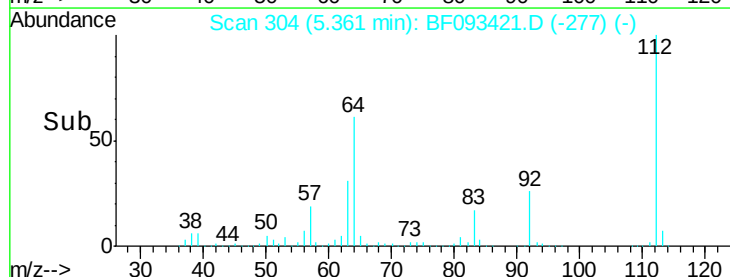
63 30.6 23.8 35.6

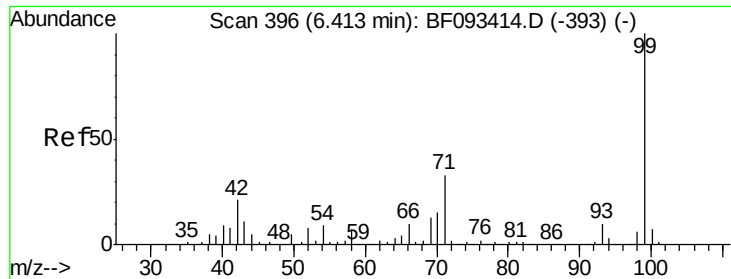


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.08 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

PB97390BL

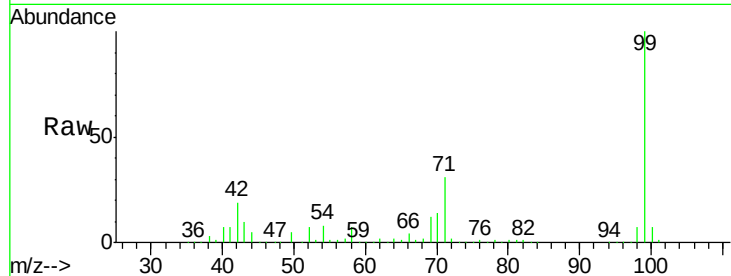
Tot Ion: 99 Resp: 1263560

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

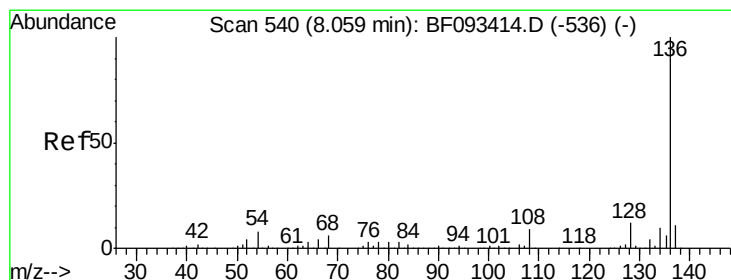
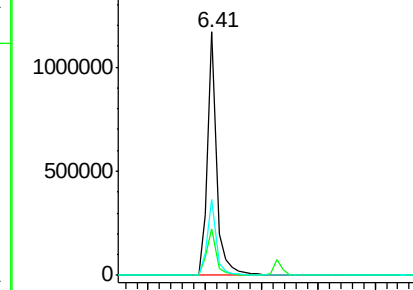
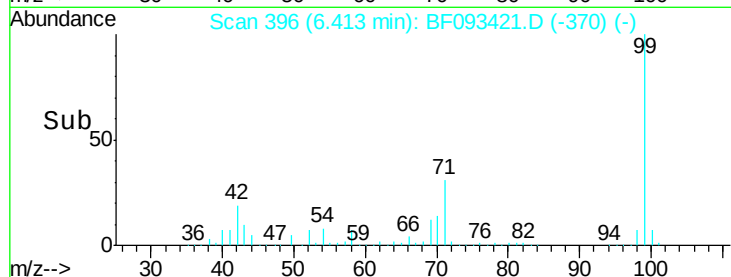
71 31.4 27.5 41.3



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: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

Tgt Ion: 136 Resp: 661261

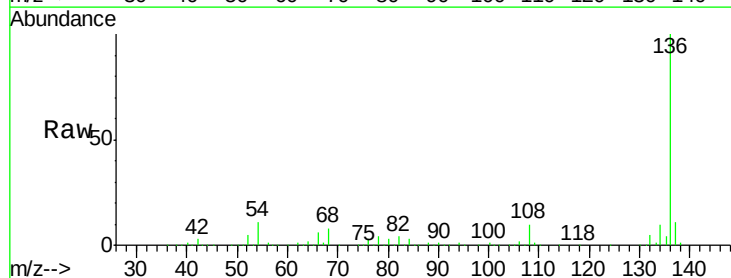
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.8 4.5 6.7#

68 7.6 3.6 5.4#

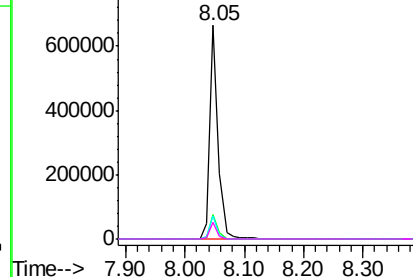
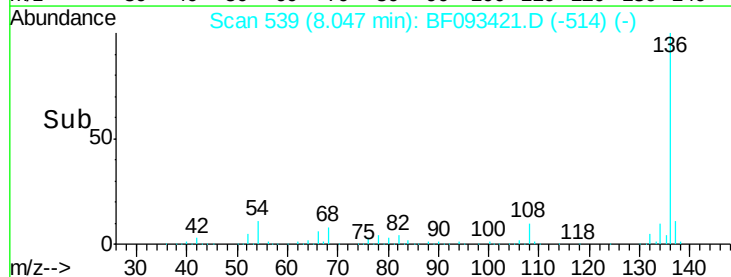


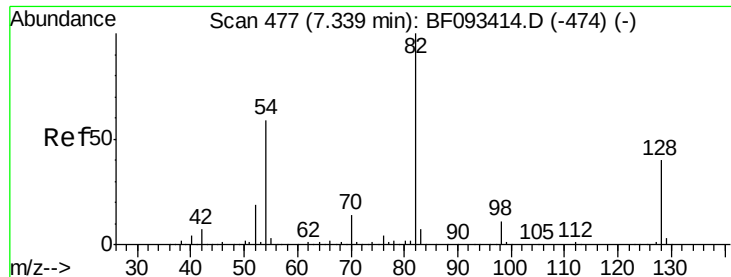
Abundance Ion 136.00 (135.70 to 136.70): E

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

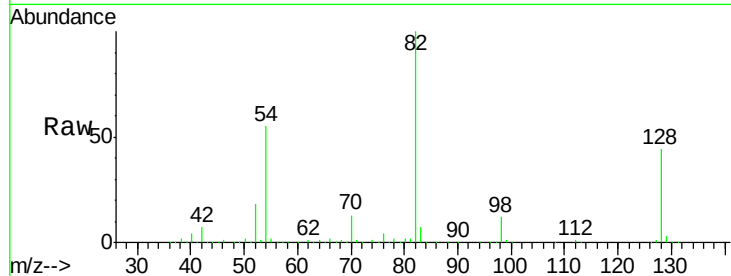




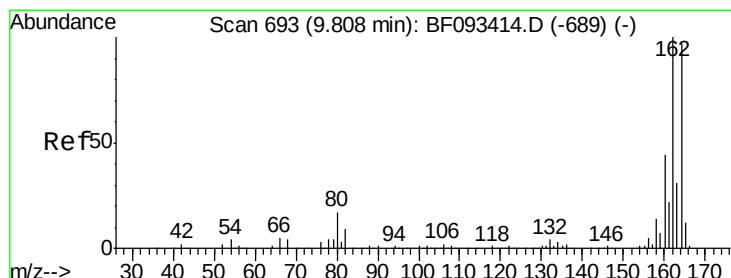
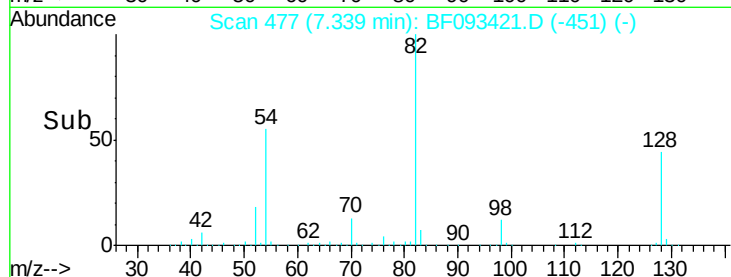
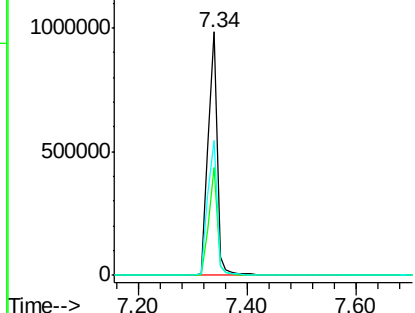
#23
 Nitrobenzene-d5
 Concen: 95.47 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BL

Tot Ion: 82 Resp: 1137786
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 52.0
 54 55.2 39.5 59.3

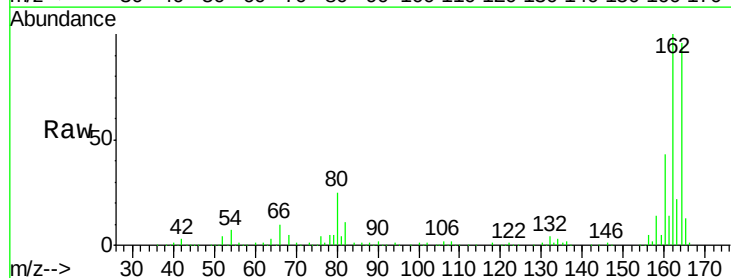


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

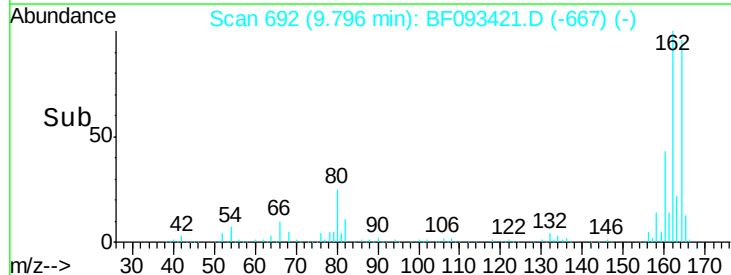
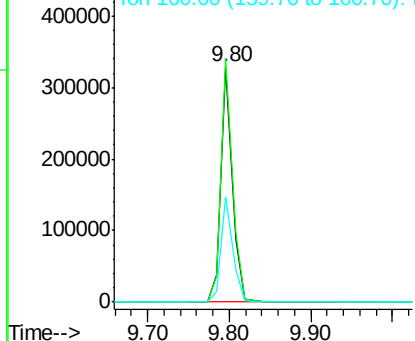


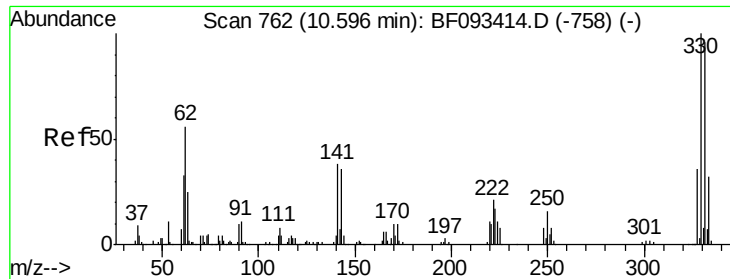
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

Tgt Ion: 164 Resp: 317424
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.2 120.2
 160 45.1 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

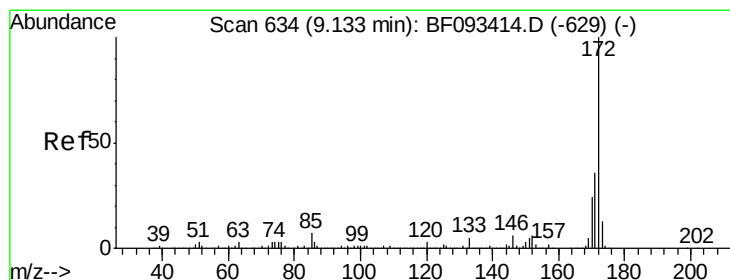
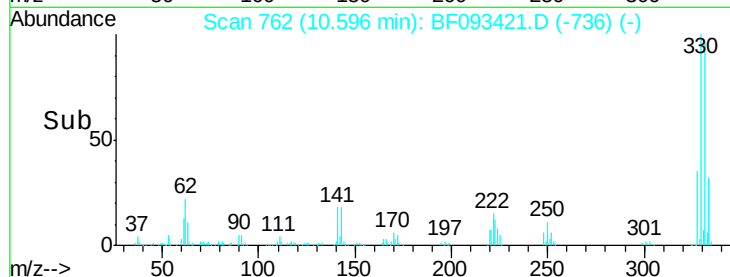
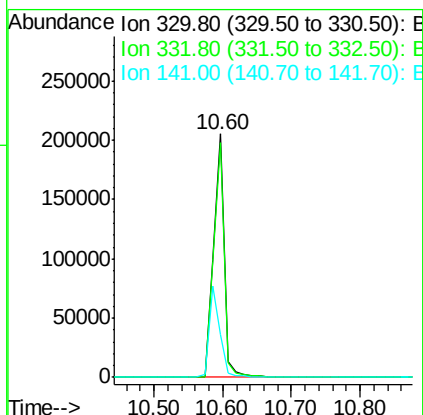
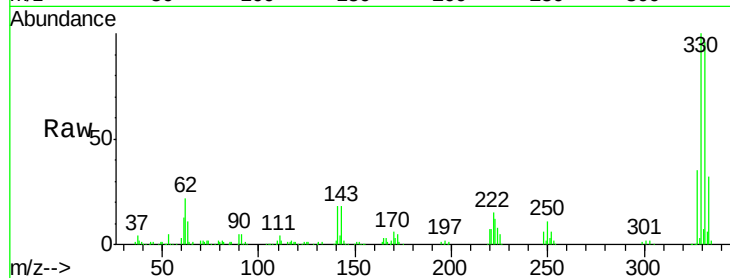




#41
 2,4,6-Tribromophenol
 Concen: 110.67 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

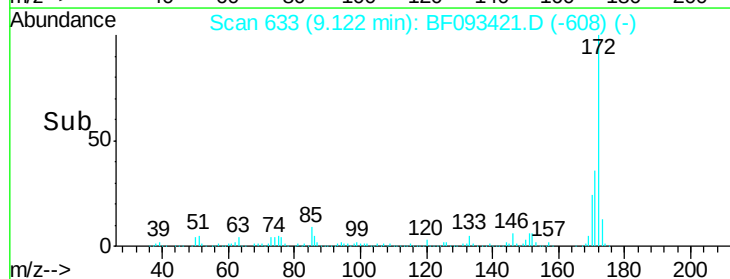
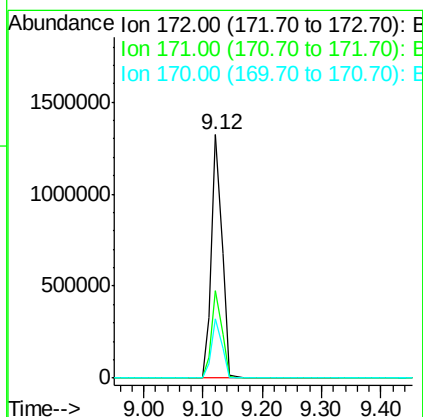
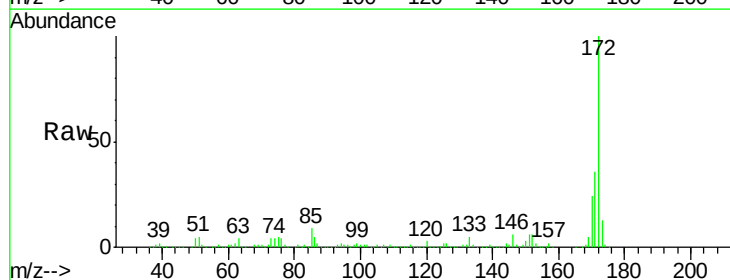
Instrument :
 BNA_F
 ClientSampled :
 PB97390BL

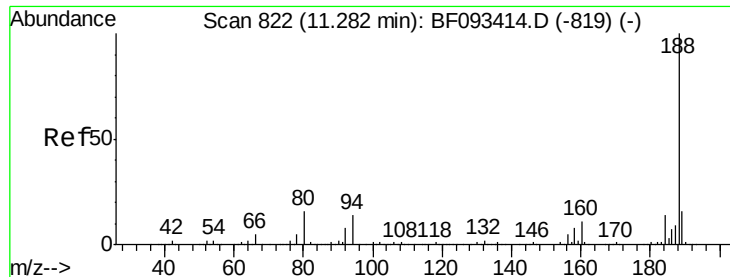
Tot Ion:330 Resp: 228876
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 37.3 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 95.69 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

Tgt Ion:172 Resp: 1632975
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.2 20.2 30.4

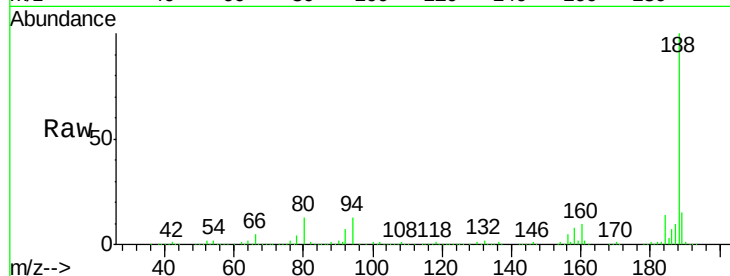




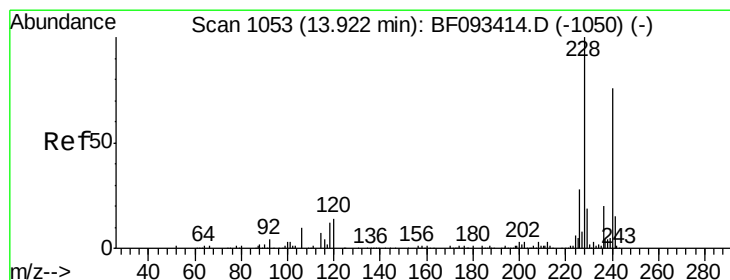
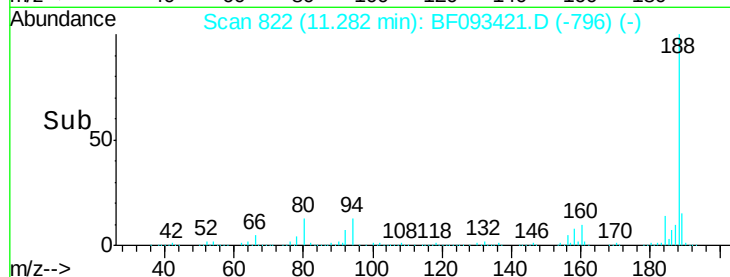
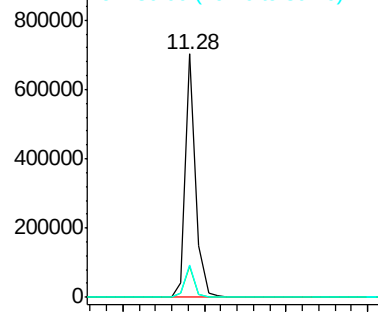
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093421.D
Acq: 7 Mar 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB97390BL

Tot Ion:188 Resp: 631585
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 13.2 11.2 16.8

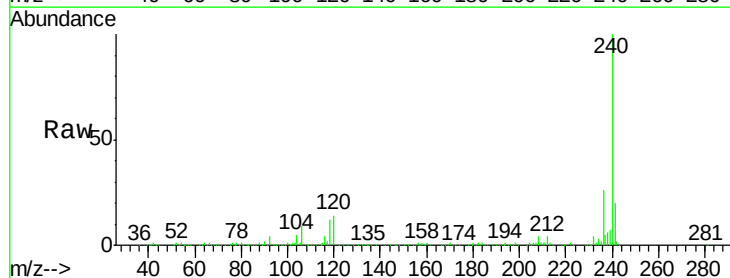


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

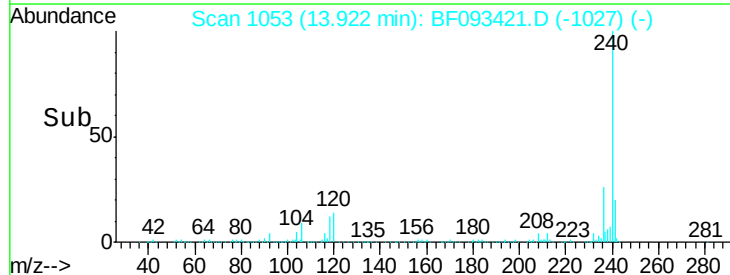
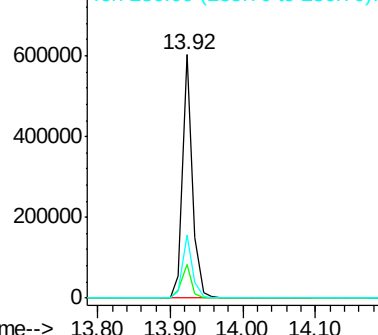


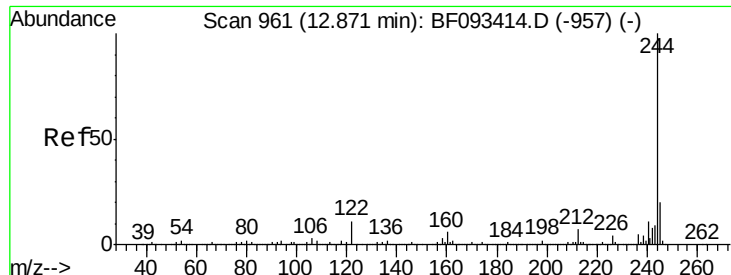
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF093421.D
Acq: 7 Mar 2017 16:19

Tgt Ion:240 Resp: 573593
Ion Ratio Lower Upper
240 100
120 14.1 12.9 19.3
236 25.7 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

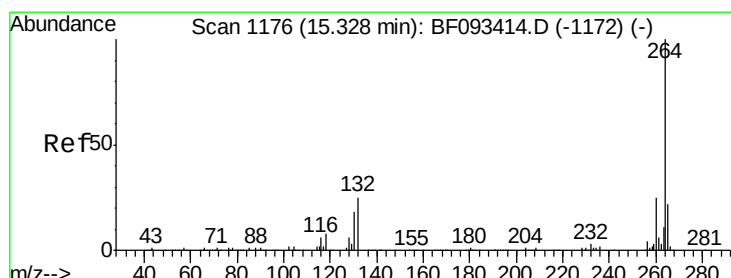
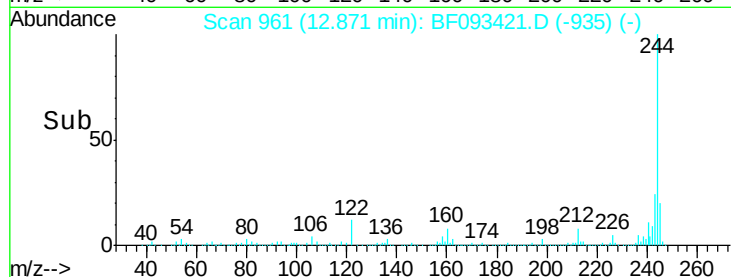
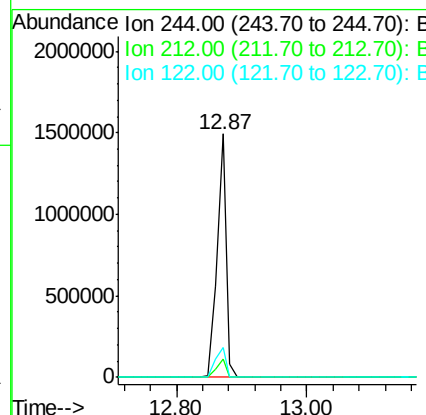
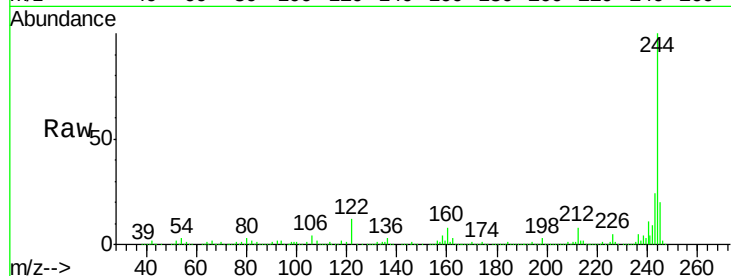




#78
 Terphenyl-d14
 Concen: 67.30 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BL

Tot Ion:244 Resp: 1484688
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

Tgt Ion:264 Resp: 499237
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.8 17.4 26.0

