

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092922.D
 Acq On : 13 Feb 2017 17:07
 Operator : SJ/MA
 Sample : PB96881BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BL

Quant Time: Feb 14 00:51:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	135497	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	568869	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	308087	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	525622	20.00	ng	0.00
75) Chrysene-d12	14.04	240	450971	20.00	ng	-0.01
86) Perylene-d12	15.48	264	380485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	952028	120.54	ng	0.01
7) Phenol-d6	6.52	99	1166286	114.77	ng	-0.01
23) Nitrobenzene-d5	7.45	82	751127	73.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	237048	106.38	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1372194	80.69	ng	0.00
78) Terphenyl-d14	12.99	244	1266619	65.99	ng	0.00

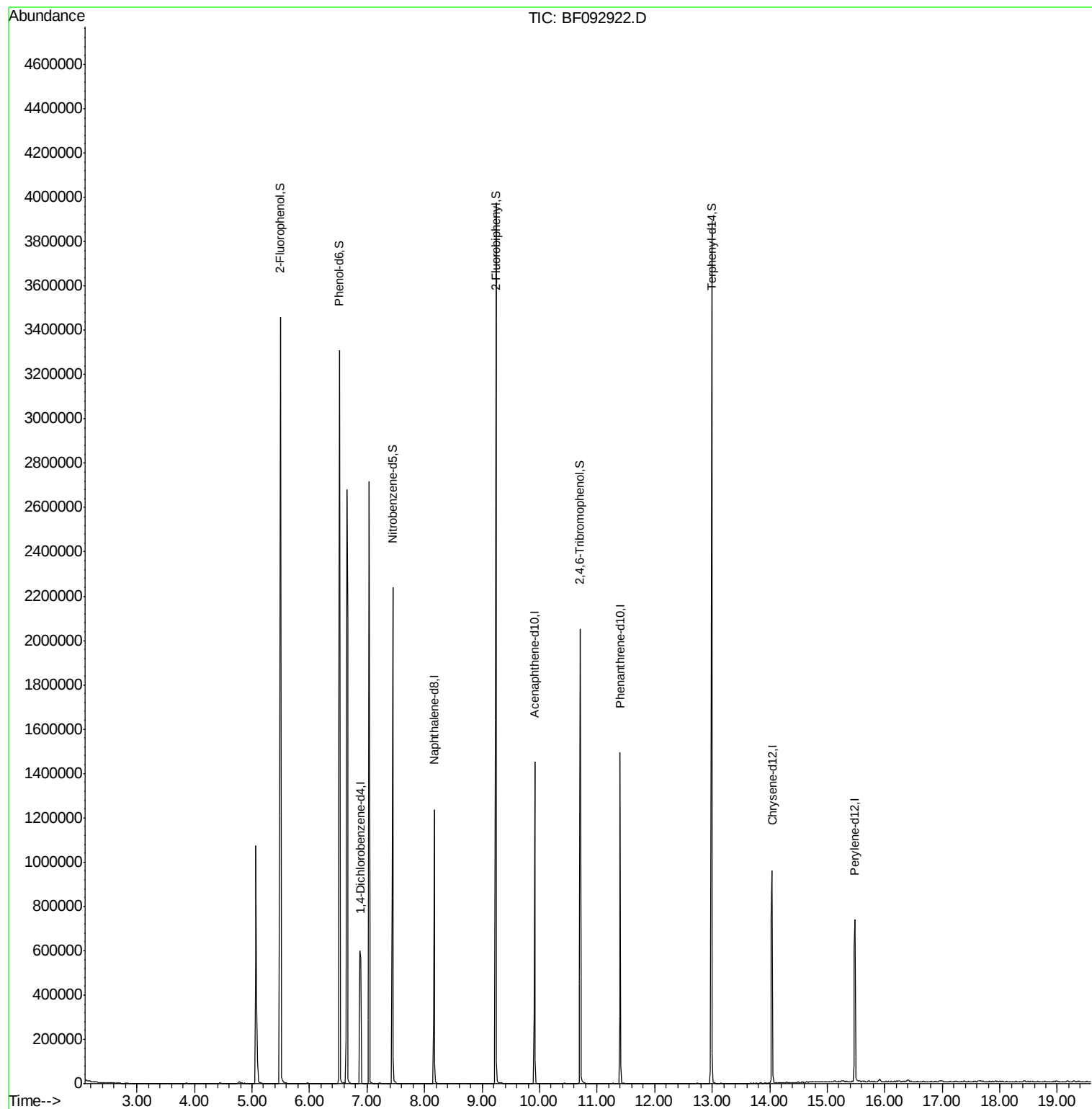
Target Compounds	Qvalue
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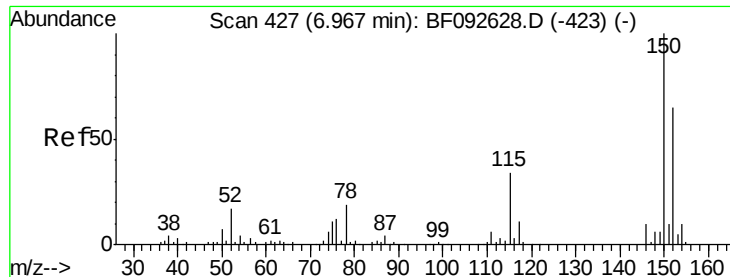
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF092922.D

Acq: 13 Feb 2017 17:07

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BNA_F

ClientSampleId :

PB96881BL

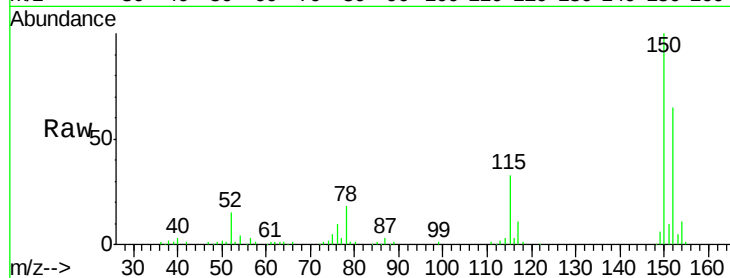
Tgt Ion:152 Resp: 135497

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

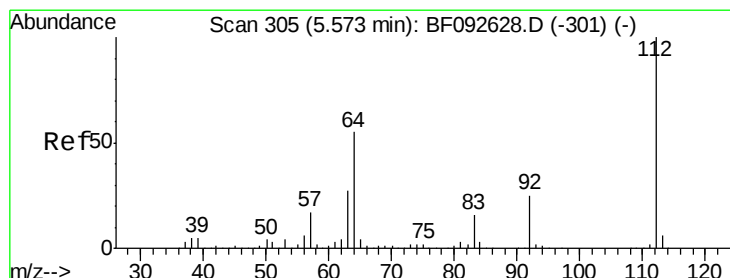
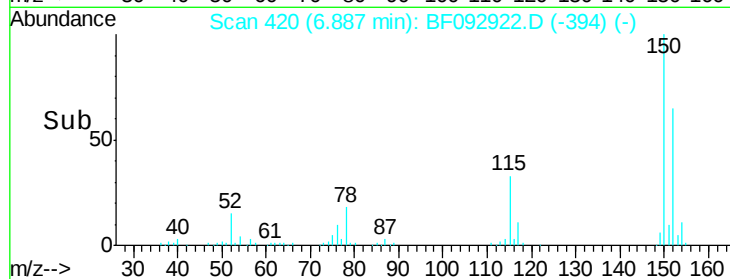
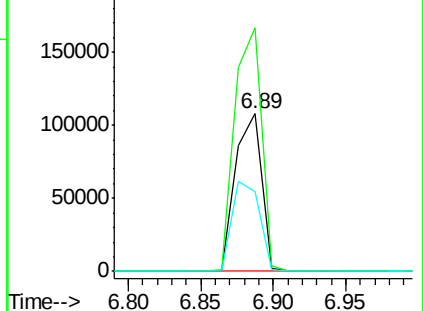
115 50.6 46.0 69.0



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: 120.54 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092922.D

Acq: 13 Feb 2017 17:07

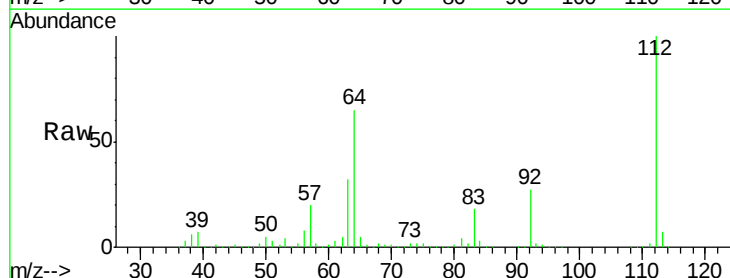
Tgt Ion:112 Resp: 952028

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

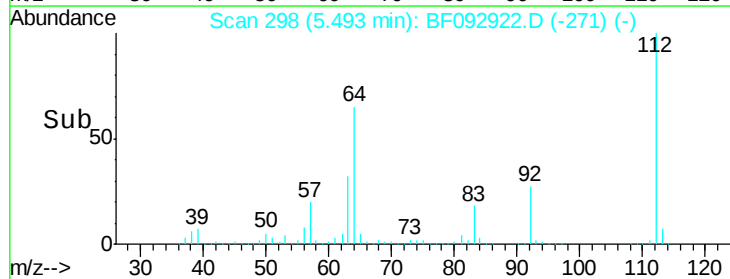
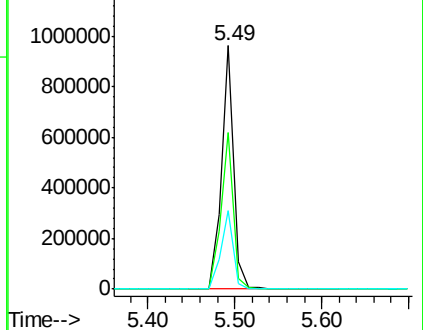
63 32.4 23.8 35.6



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: 114.77 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092922.D

Acq: 13 Feb 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB96881BL

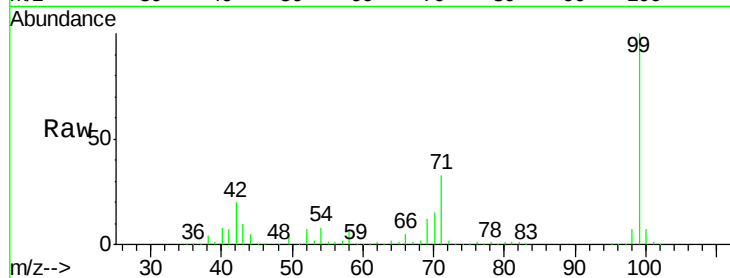
Tgt Ion: 99 Resp: 1166286

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

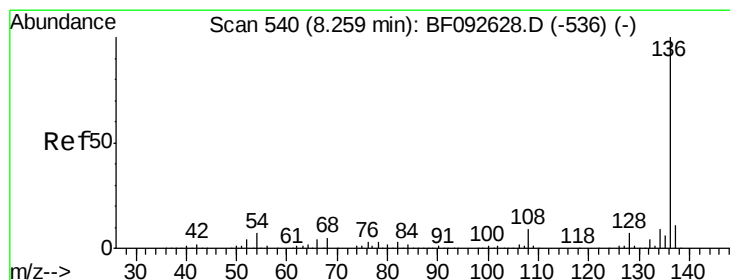
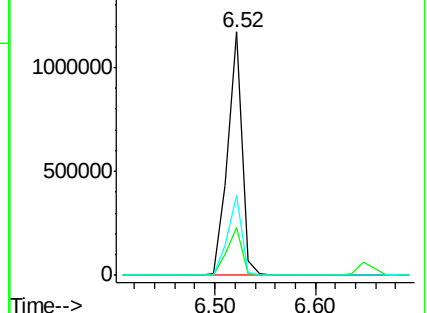
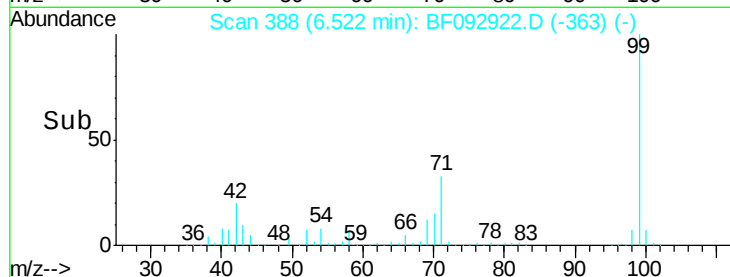
71 32.7 27.5 41.3



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: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092922.D

Acq: 13 Feb 2017 17:07

Tgt Ion: 136 Resp: 568869

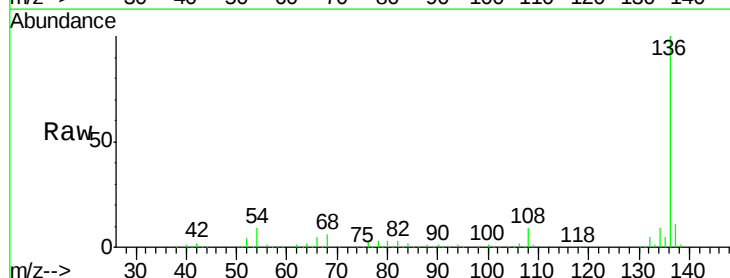
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.8 4.5 6.7#

68 6.3 3.6 5.4#

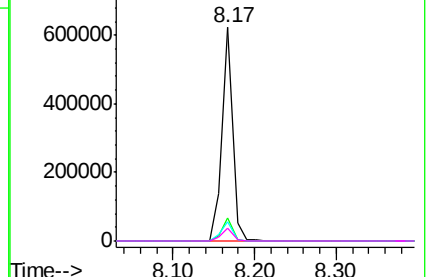
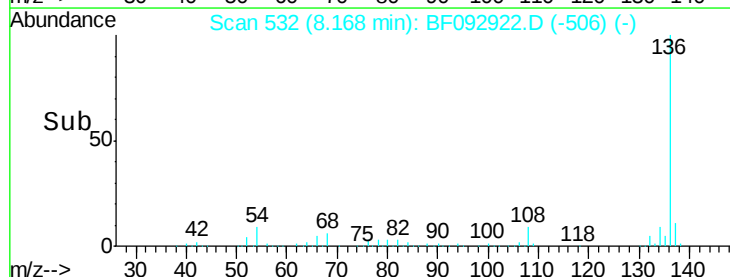


Abundance Ion 136.00 (135.70 to 136.70): E

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

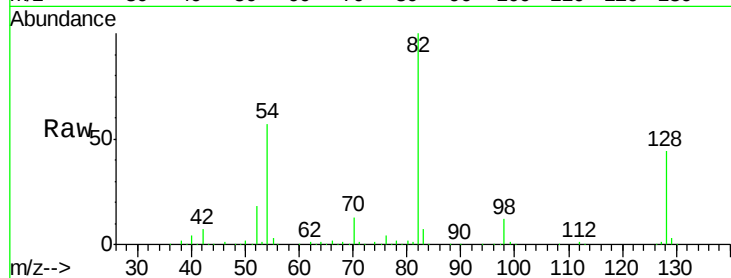




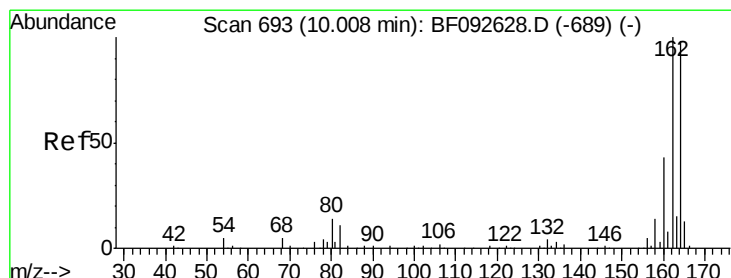
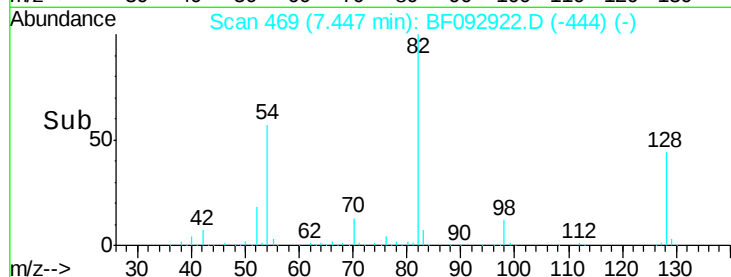
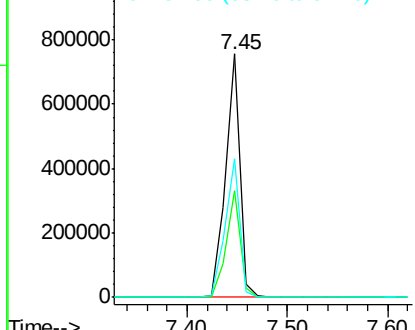
#23
 Nitrobenzene-d5
 Concen: 73.53 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092922.D
 Acq: 13 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BL

Tgt Ion: 82 Resp: 751127
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 52.0
 54 57.0 39.5 59.3

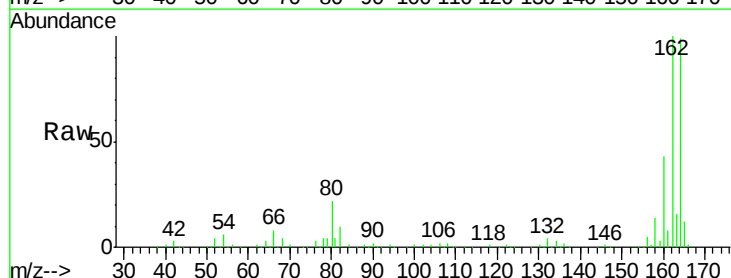


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

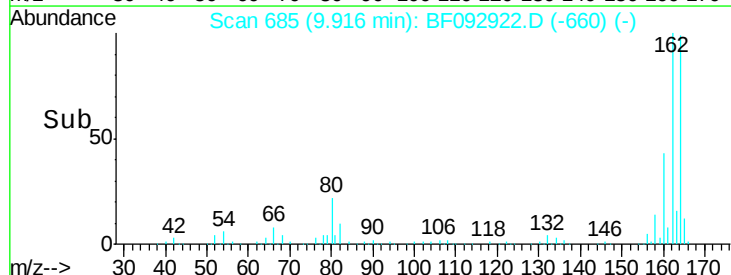
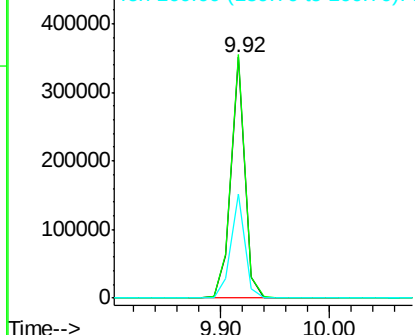


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092922.D
 Acq: 13 Feb 2017 17:07

Tgt Ion: 164 Resp: 308087
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 43.2 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

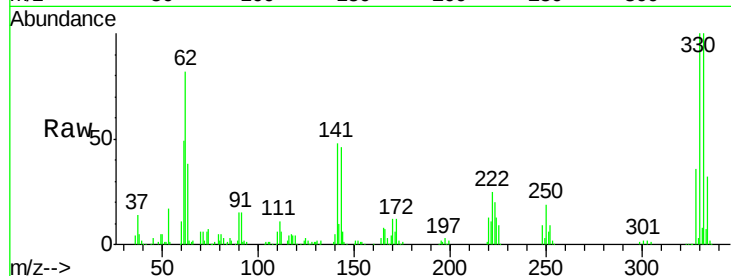




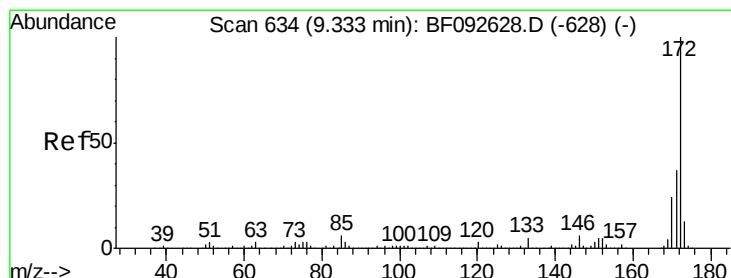
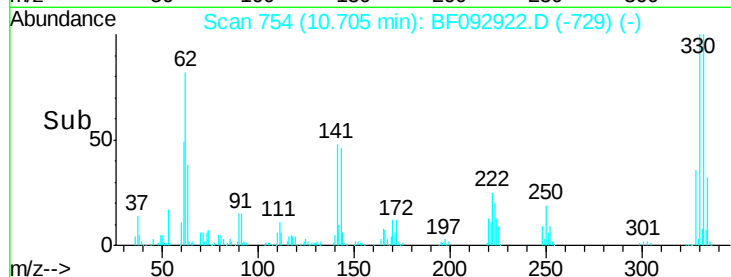
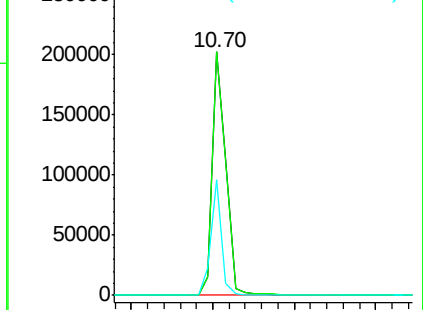
#41
 2,4,6-Tribromophenol
 Concen: 106.38 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092922.D
 Acq: 13 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampled :
 PB96881BL

Tgt Ion:330 Resp: 237048
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.4 116.2
 141 38.2 34.1 51.1

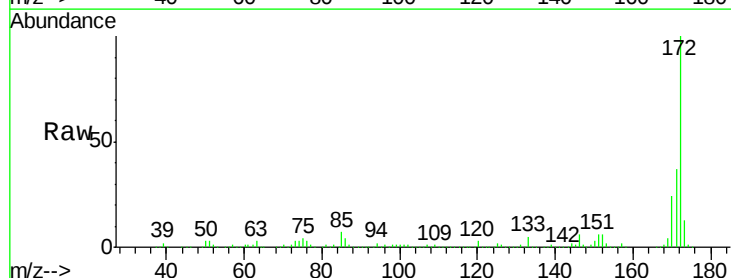


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

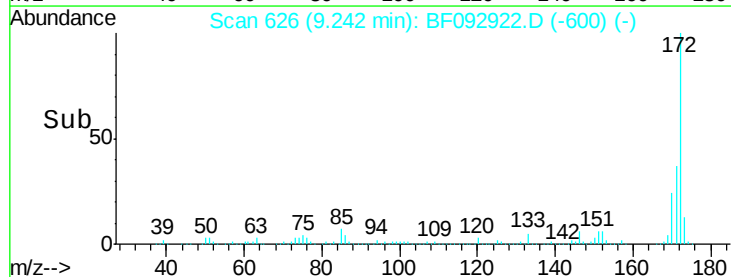
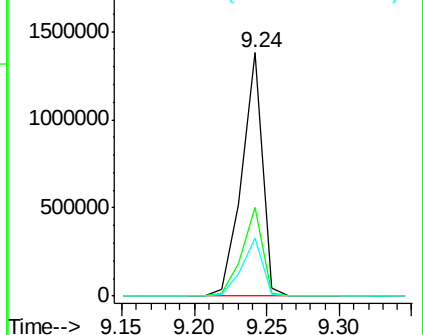


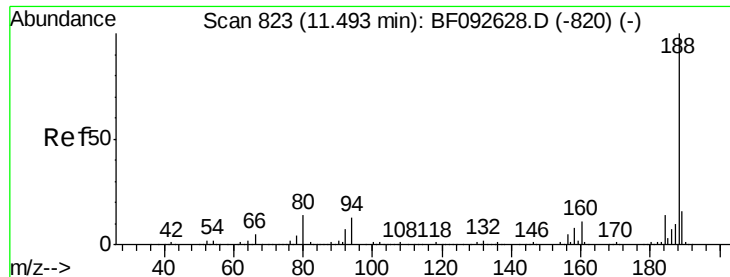
#44
 2-Fluorobiphenyl
 Concen: 80.69 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092922.D
 Acq: 13 Feb 2017 17:07

Tgt Ion:172 Resp: 1372194
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.1 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

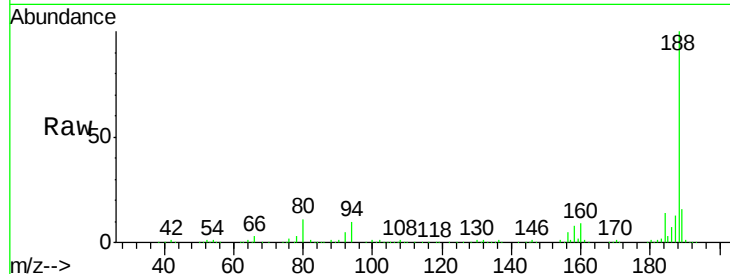




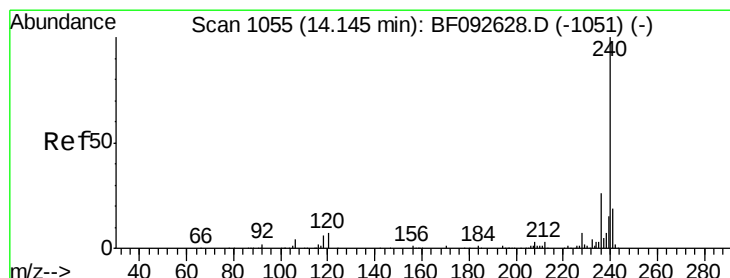
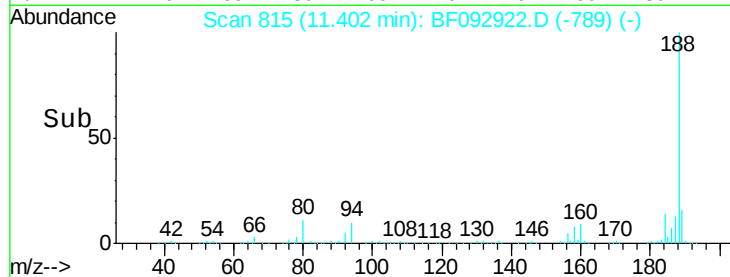
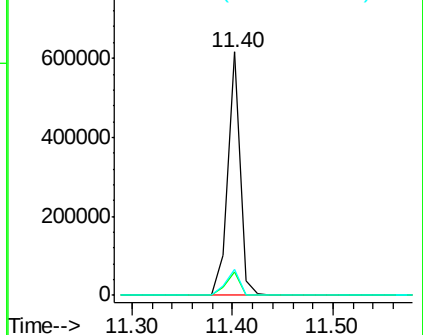
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092922.D
Acq: 13 Feb 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB96881BL

Tgt Ion:188 Resp: 525622
Ion Ratio Lower Upper
188 100
94 9.7 10.0 15.0#
80 10.5 11.2 16.8#

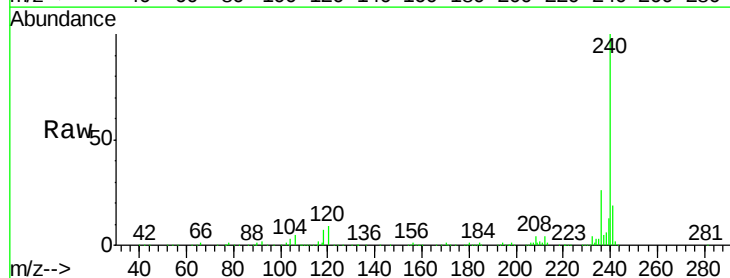


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

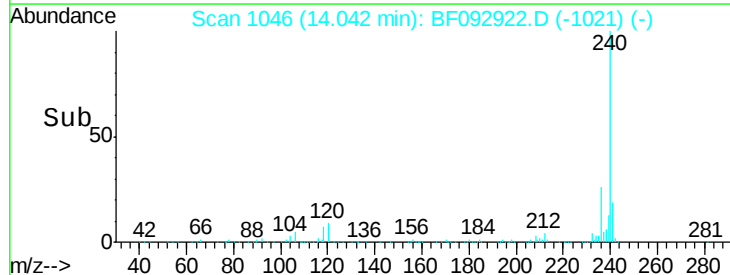
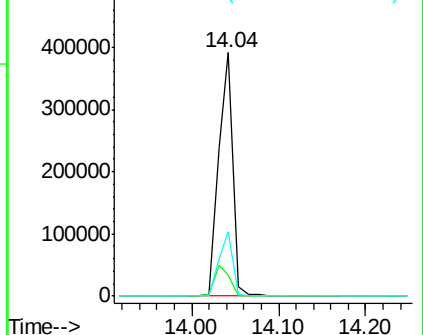


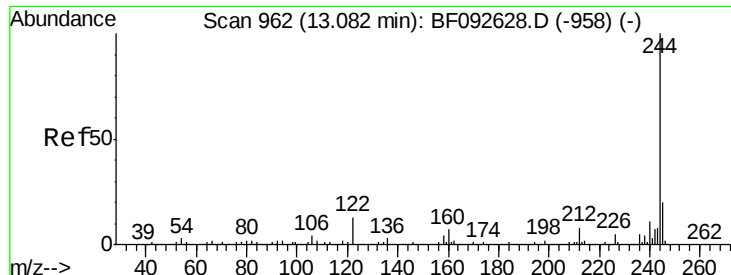
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092922.D
Acq: 13 Feb 2017 17:07

Tgt Ion:240 Resp: 450971
Ion Ratio Lower Upper
240 100
120 8.8 12.9 19.3#
236 26.3 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

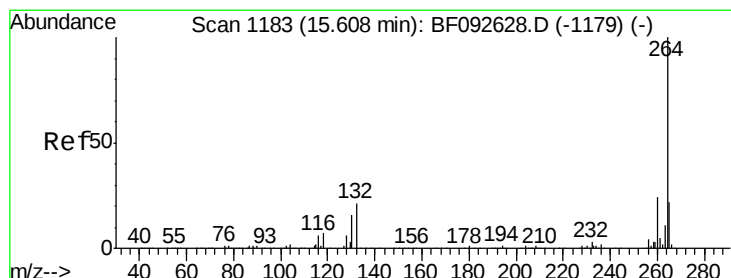
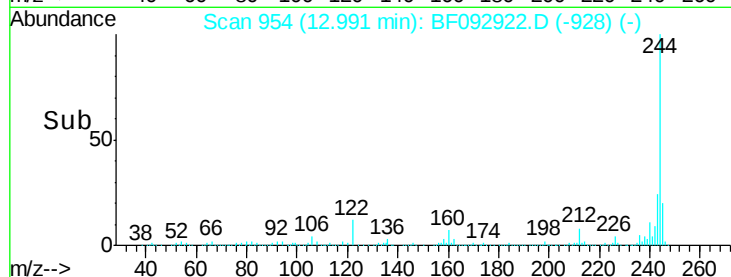
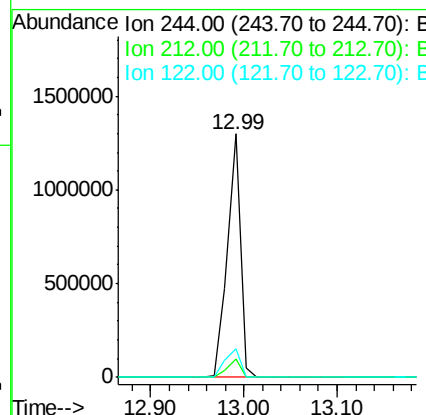
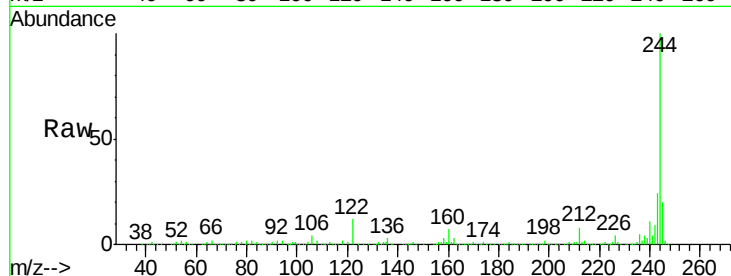




#78
 Terphenyl-d14
 Concen: 65.99 ng
 RT: 12.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF092922.D
 Acq: 13 Feb 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96881BL

Tgt Ion:244 Resp: 1266619
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.9 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF092922.D
 Acq: 13 Feb 2017 17:07

Tgt Ion:264 Resp: 380485
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.7 17.4 26.0

