

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092345.D
 Acq On : 18 Jan 2017 12:01
 Operator : UM/SJ
 Sample : PB96061TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96061TB

Quant Time: Jan 19 01:32:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	169893	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	647389	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	434681	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	762359	20.00	ng	0.00
75) Chrysene-d12	13.69	240	711048	20.00	ng	-0.01
86) Perylene-d12	15.03	264	638996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1129111	110.97	ng	0.01
7) Phenol-d6	6.21	99	1712707	137.87	ng	-0.01
23) Nitrobenzene-d5	7.11	82	866886	74.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	453740	126.13	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	1849013	87.54	ng	-0.01
78) Terphenyl-d14	12.65	244	2008051	68.49	ng	0.00

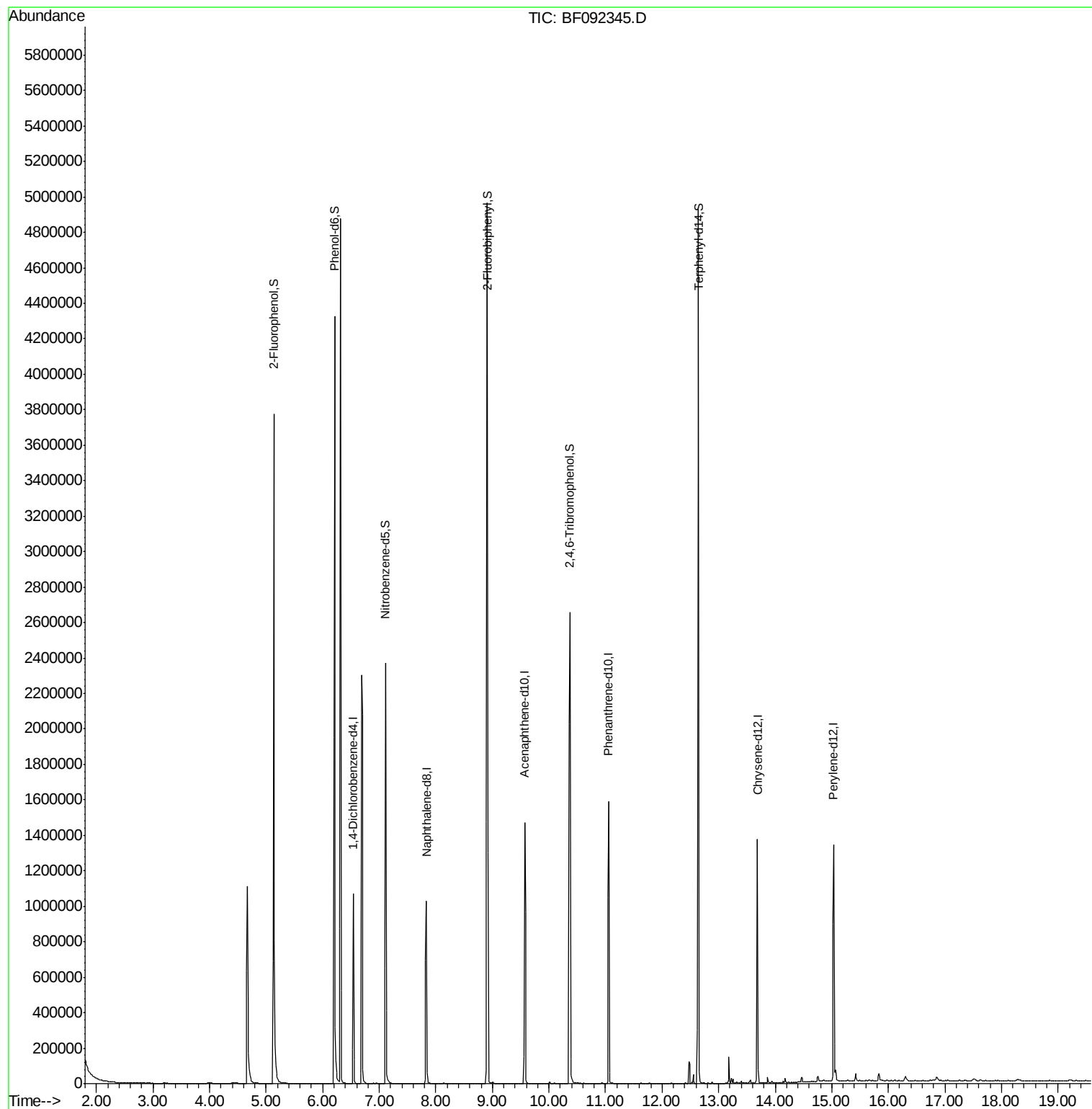
Target Compounds	Qvalue
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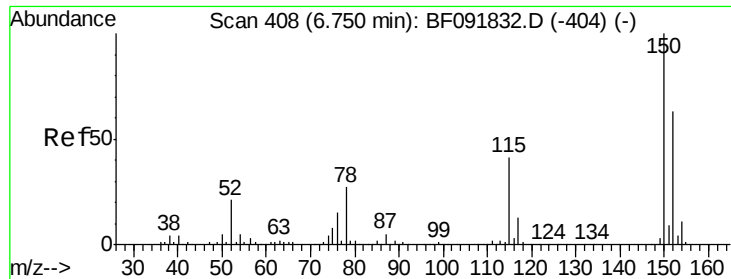
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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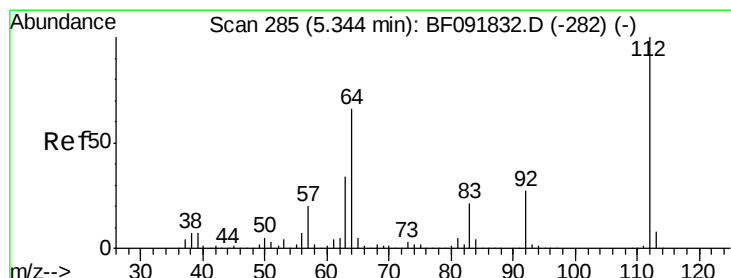
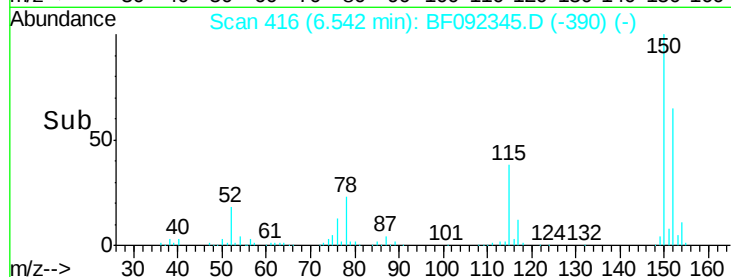
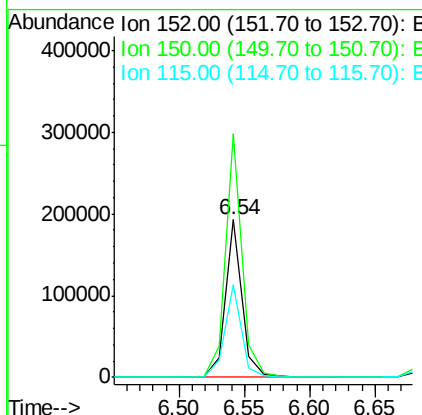
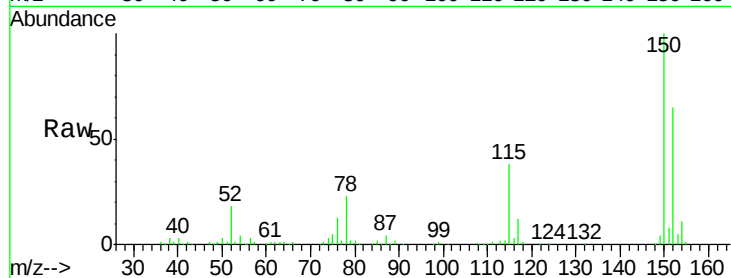




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF092345.D
 Acq: 18 Jan 2017 12:01

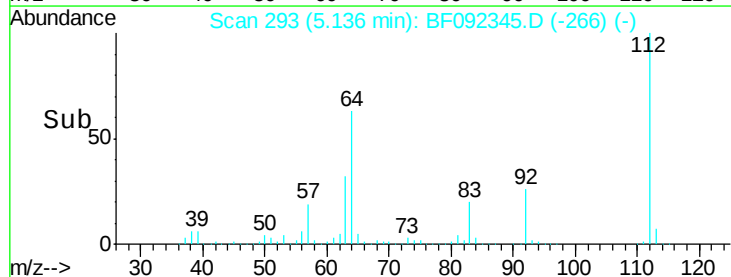
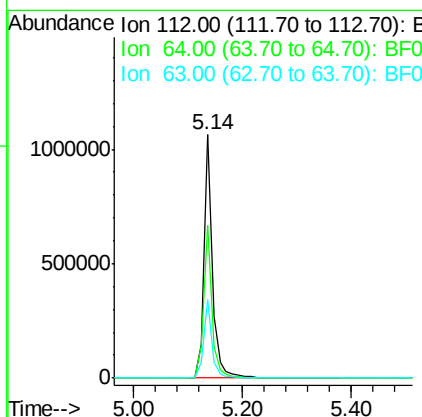
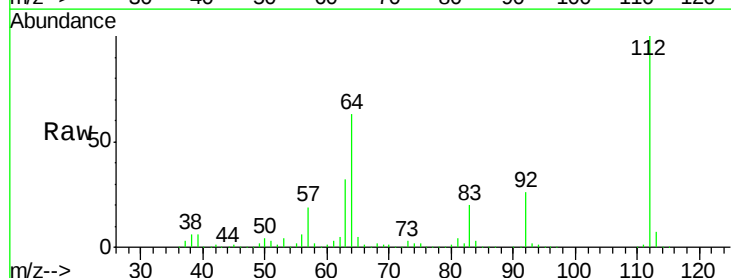
Instrument :
 BNA_F
 ClientSampleId :
 PB96061TB

Tgt Ion:152 Resp: 169893
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.9 187.3
 115 58.5 46.0 69.0



#5
 2-Fluorophenol
 Concen: 110.97 ng
 RT: 5.14 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BF092345.D
 Acq: 18 Jan 2017 12:01

Tgt Ion:112 Resp: 1129111
 Ion Ratio Lower Upper
 112 100
 64 62.9 46.1 69.1
 63 32.3 23.8 35.6





#7

Phenol-d6

Concen: 137.87 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092345.D

Acq: 18 Jan 2017 12:01

Instrument :

BNA_F

ClientSampleId :

PB96061TB

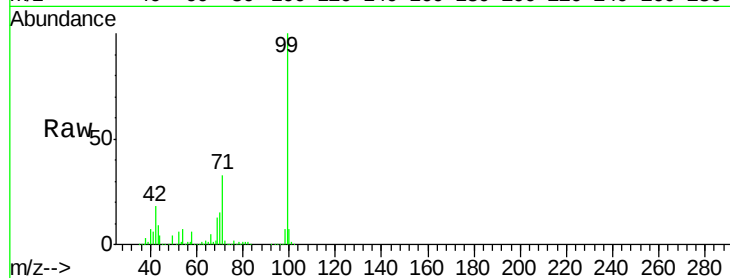
Tgt Ion: 99 Resp: 1712707

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

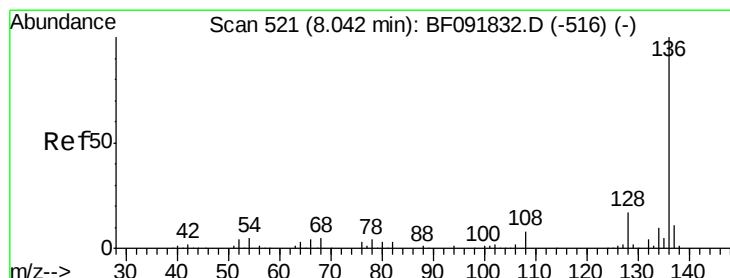
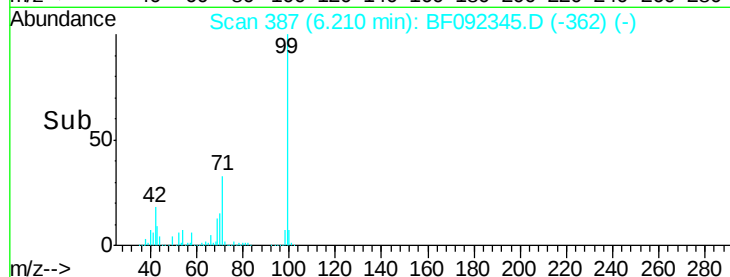
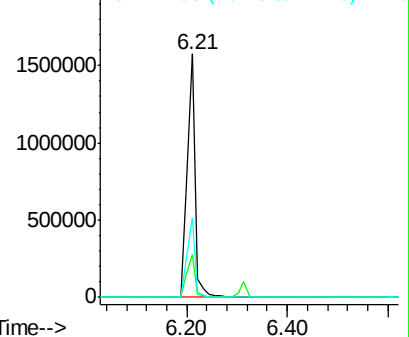
71 32.8 27.5 41.3



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: 7.83 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092345.D

Acq: 18 Jan 2017 12:01

Tgt Ion: 136 Resp: 647389

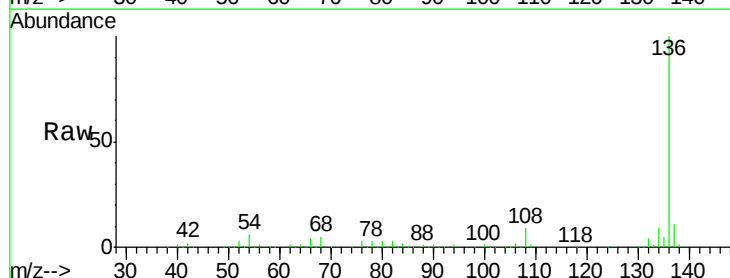
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 5.9 4.5 6.7

68 5.0 3.6 5.4

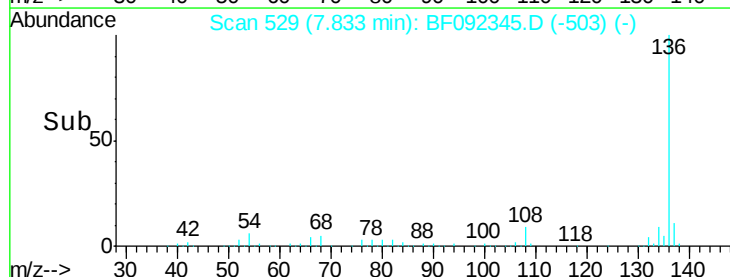
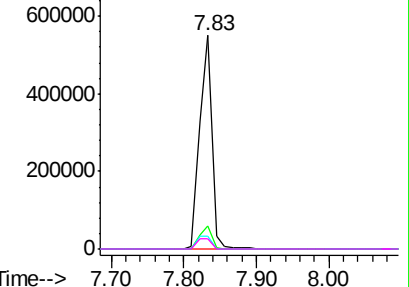


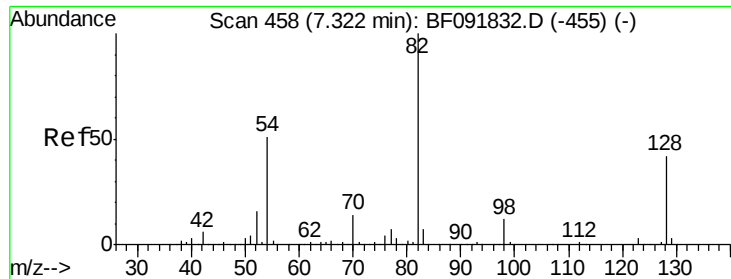
Abundance Ion 136.00 (135.70 to 136.70): E

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

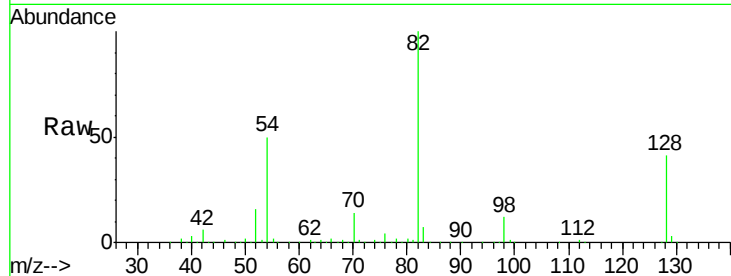




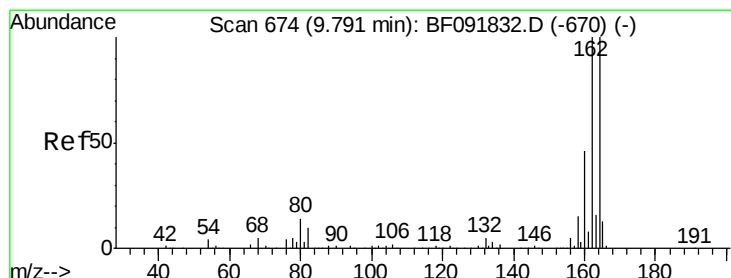
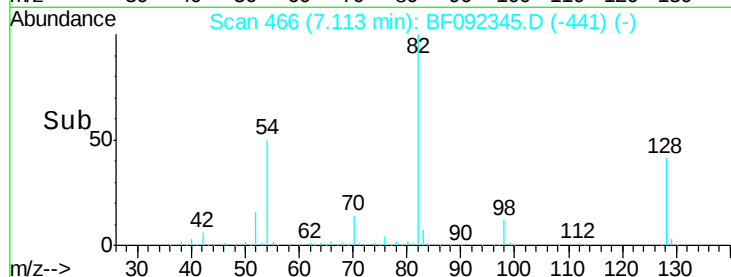
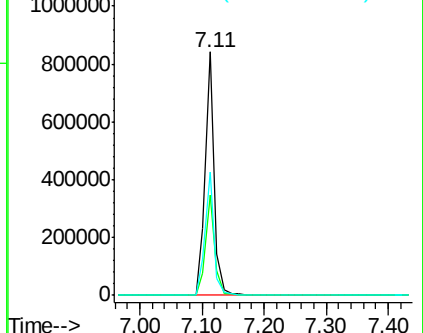
#23
 Nitrobenzene-d5
 Concen: 74.46 ng
 RT: 7.11 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF092345.D
 Acq: 18 Jan 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96061TB

Tgt Ion: 82 Resp: 866886
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.6 52.0
 54 50.5 39.5 59.3

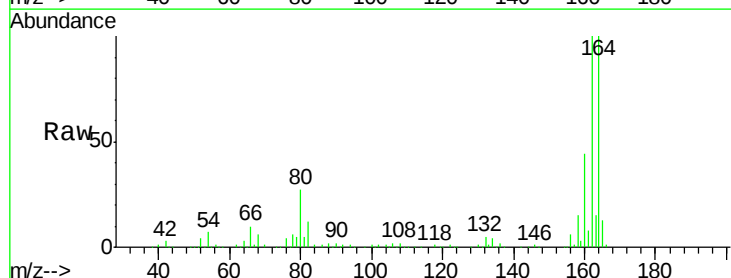


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

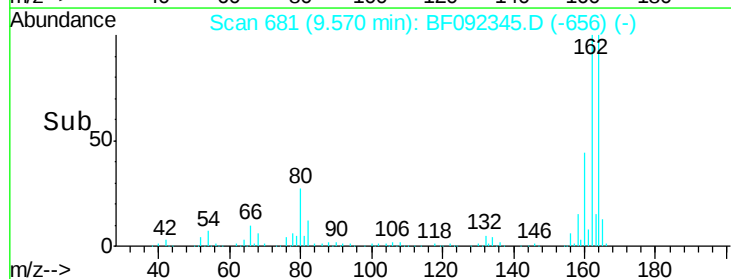
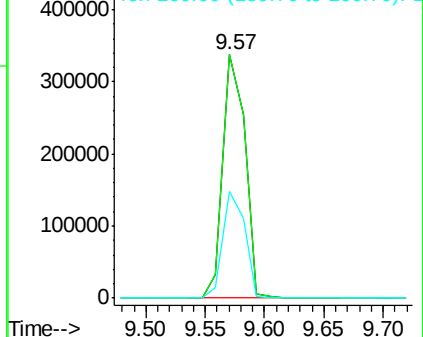


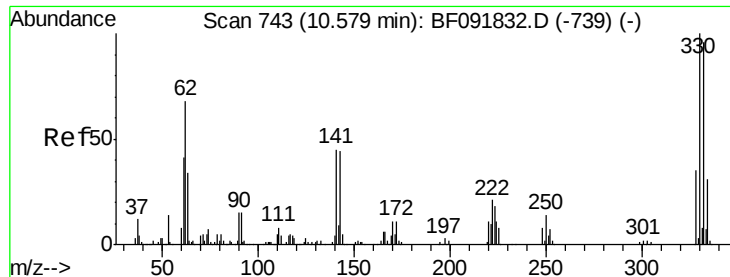
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092345.D
 Acq: 18 Jan 2017 12:01

Tgt Ion: 164 Resp: 434681
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.2 120.2
 160 44.0 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

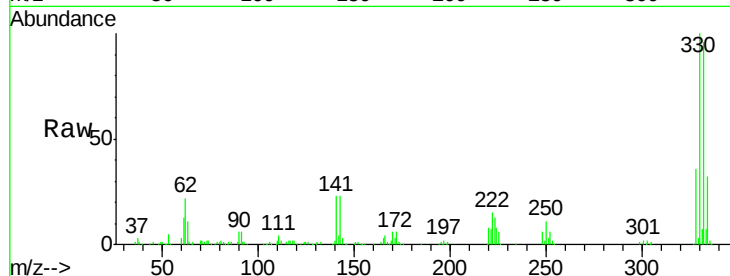




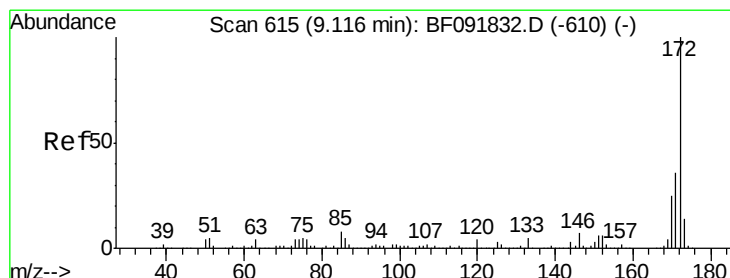
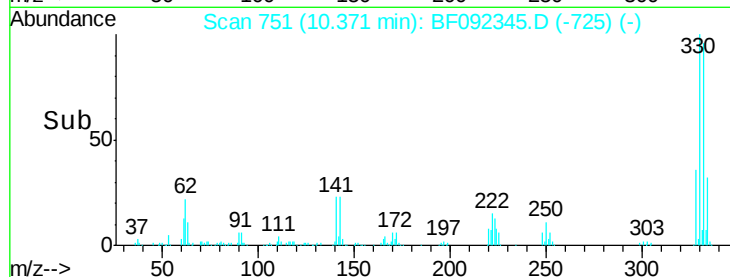
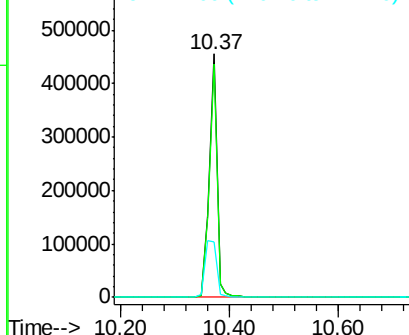
#41
 2,4,6-Tribromophenol
 Concen: 126.13 ng
 RT: 10.37 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092345.D
 Acq: 18 Jan 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96061TB

Tgt Ion:330 Resp: 453740
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 34.1 34.1 51.1#

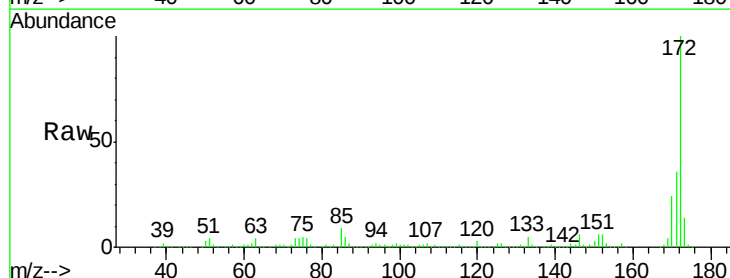


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

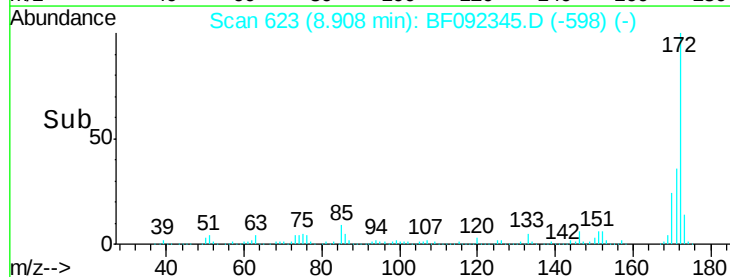
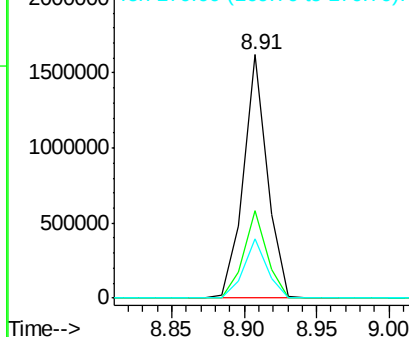


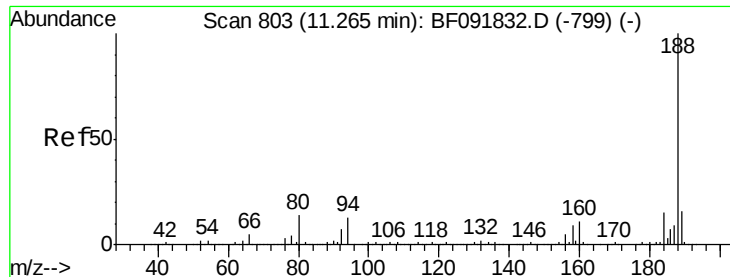
#44
 2-Fluorobiphenyl
 Concen: 87.54 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF092345.D
 Acq: 18 Jan 2017 12:01

Tgt Ion:172 Resp: 1849013
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

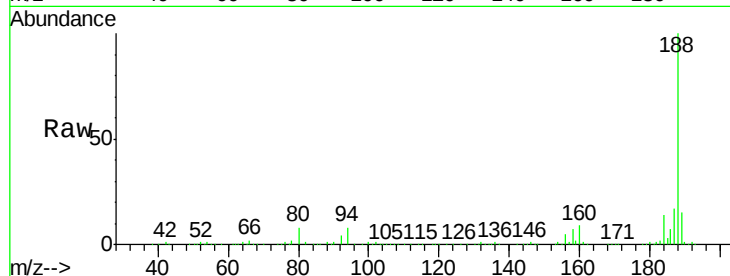




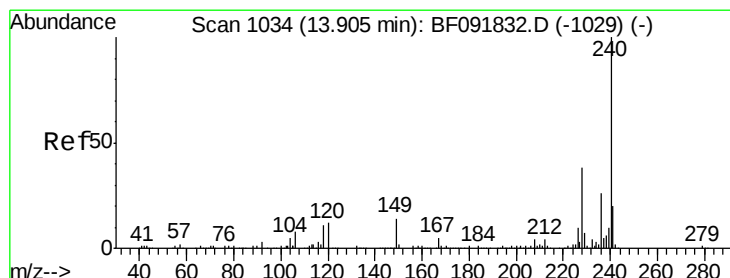
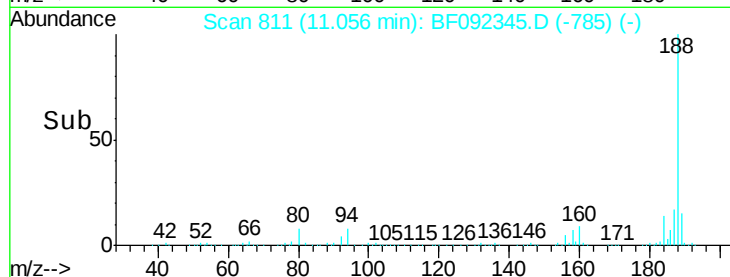
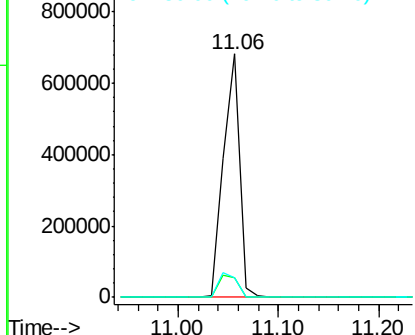
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092345.D
Acq: 18 Jan 2017 12:01

Instrument :
BNA_F
ClientSampleId :
PB96061TB

Tgt Ion:188 Resp: 762359
Ion Ratio Lower Upper
188 100
94 7.9 10.0 15.0#
80 7.9 11.2 16.8#

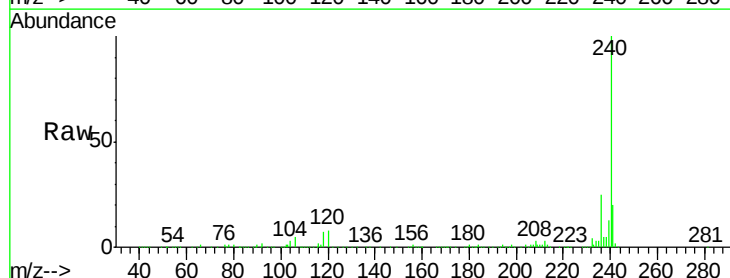


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

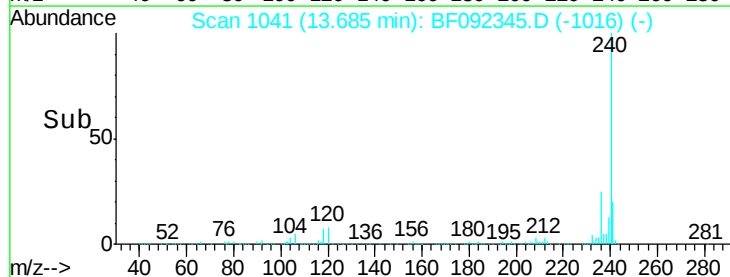
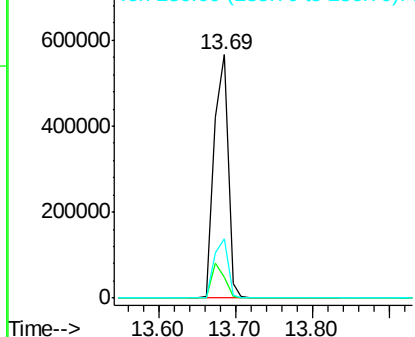


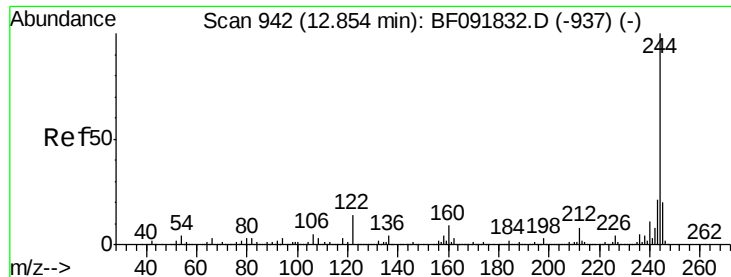
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092345.D
Acq: 18 Jan 2017 12:01

Tgt Ion:240 Resp: 711048
Ion Ratio Lower Upper
240 100
120 8.4 12.9 19.3#
236 24.5 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

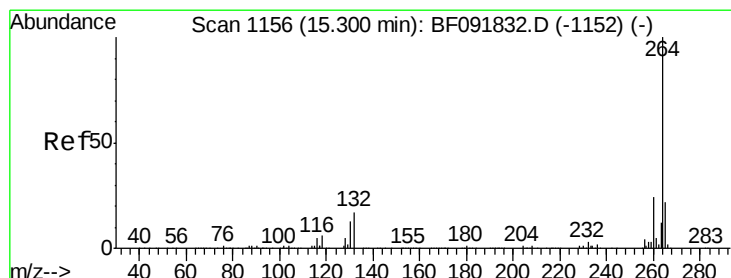
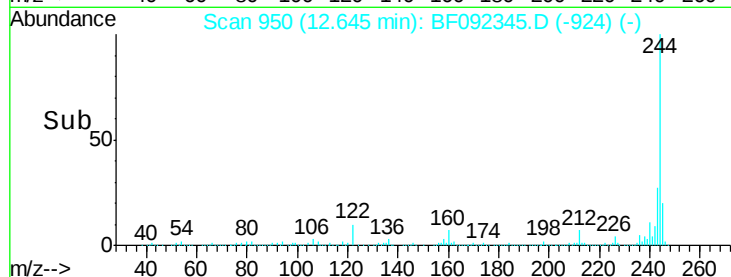
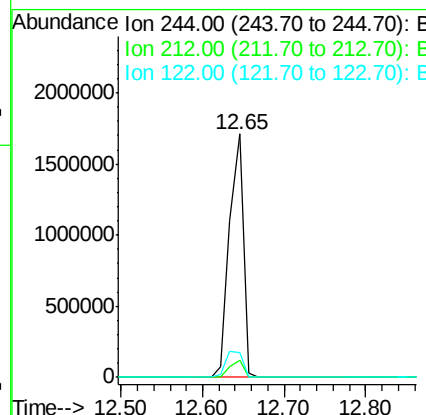
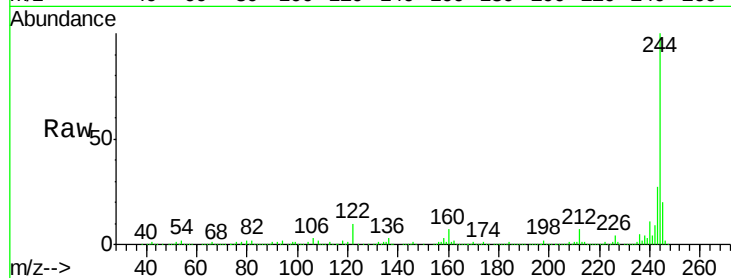




#78
 Terphenyl-d14
 Concen: 68.49 ng
 RT: 12.65 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092345.D
 Acq: 18 Jan 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB96061TB

Tgt Ion:244 Resp: 2008051
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 10.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF092345.D
 Acq: 18 Jan 2017 12:01

Tgt Ion:264 Resp: 638996
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.7 17.4 26.0

