

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090814.D
 Acq On : 25 Oct 2016 18:24
 Operator : UM/SJ
 Sample : PB94297BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BL

Quant Time: Oct 25 18:57:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	205522	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	818457	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	437854	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	755299	20.00	ng	0.00
75) Chrysene-d12	13.96	240	521817	20.00	ng	0.00
86) Perylene-d12	15.38	264	388769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1870093	146.75	ng	0.02
7) Phenol-d6	6.44	99	2267495	131.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	1313984	88.05	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	728936	210.33	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2701760	95.79	ng	0.00
78) Terphenyl-d14	12.92	244	2648510	116.32	ng	0.00

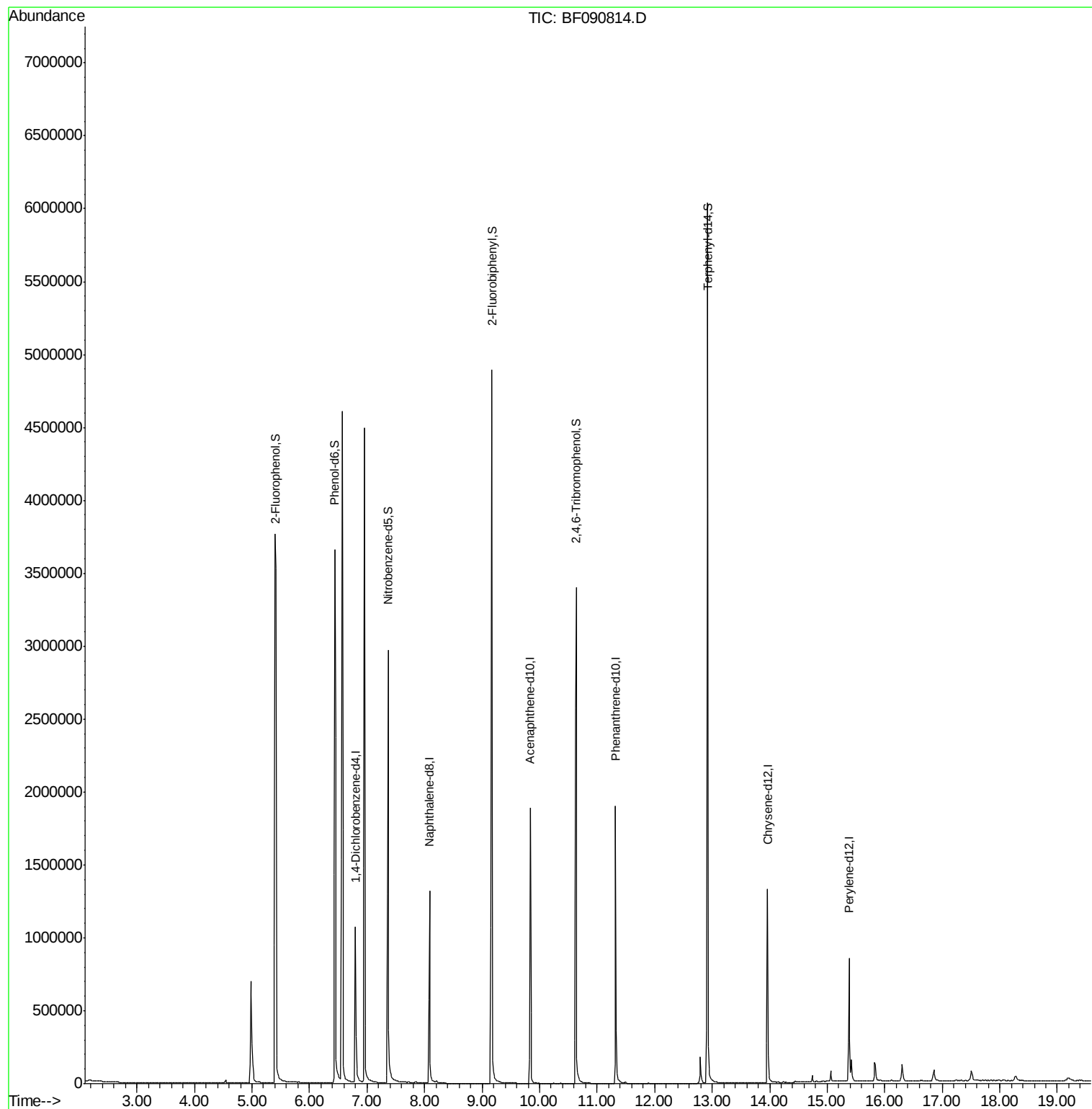
Target Compounds Qvalue

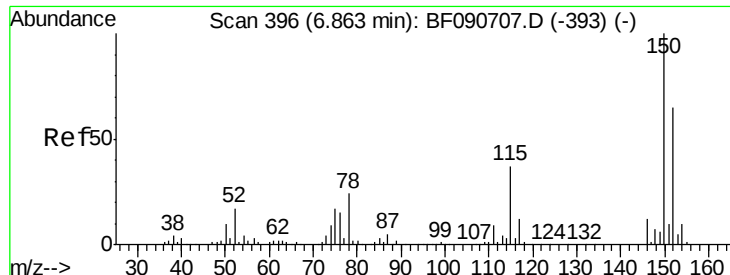
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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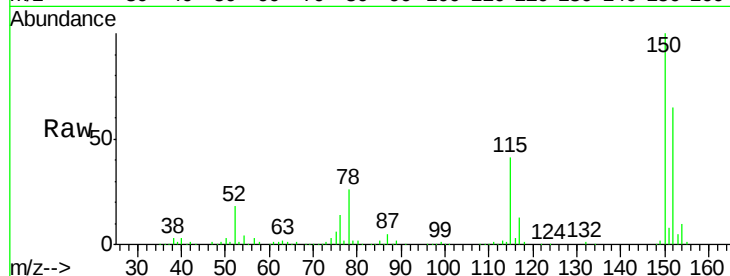


#1

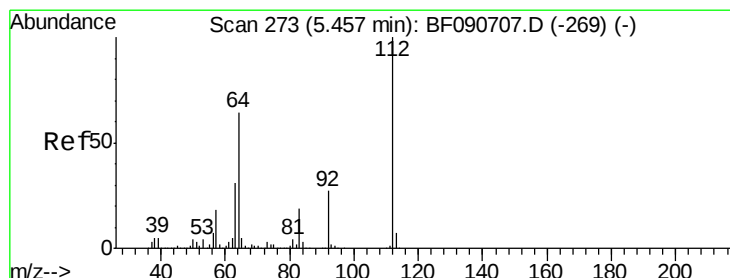
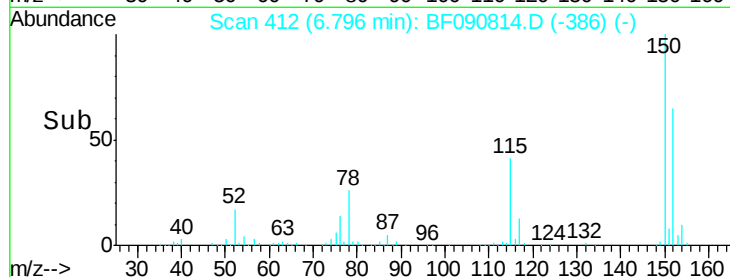
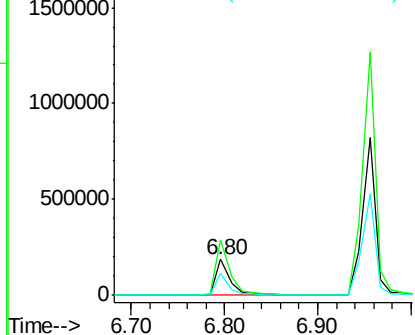
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF090814.D
 Acq: 25 Oct 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BL

Tot Ion:152 Resp: 205522
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.7 187.1
 115 63.1 39.0 58.4#



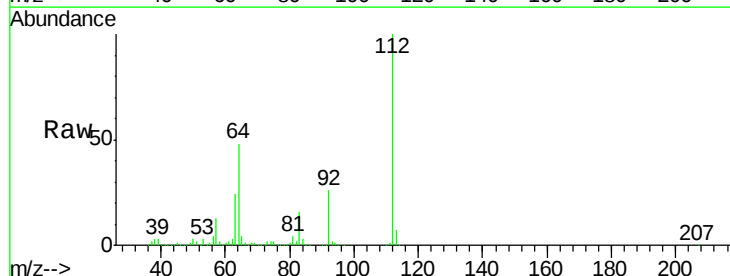
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



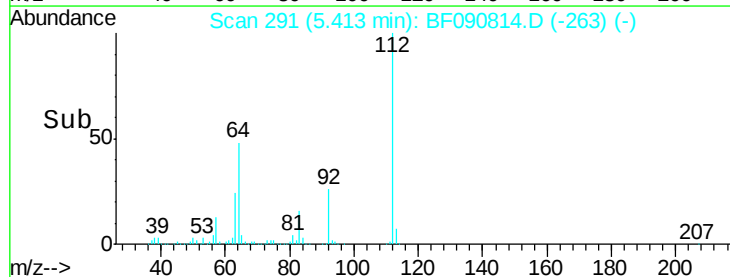
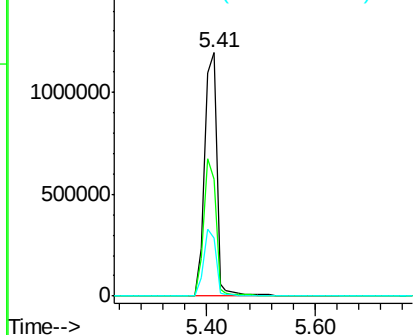
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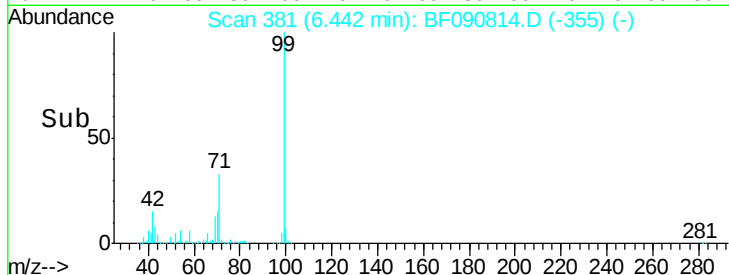
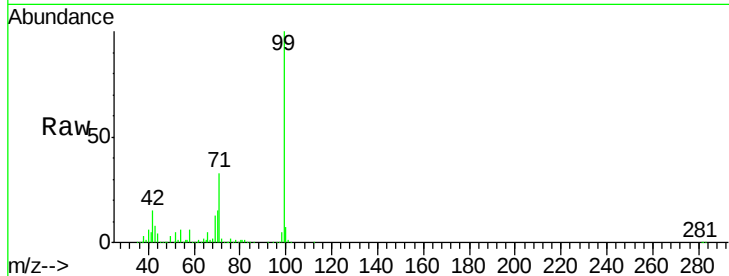
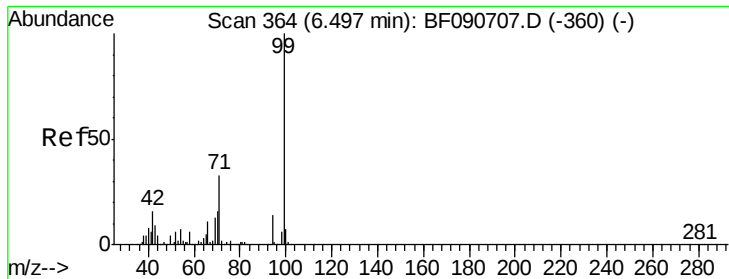
2-Fluorophenol
 Concen: 146.75 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.02 min
 Lab File: BF090814.D
 Acq: 25 Oct 2016 18:24

Tgt Ion:112 Resp: 1870093
 Ion Ratio Lower Upper
 112 100
 64 48.2 39.7 59.5
 63 23.6 17.4 26.0



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: 131.36 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090814.D

Acq: 25 Oct 2016 18:24

Instrument :

BNA_F

ClientSampleId :

PB94297BL

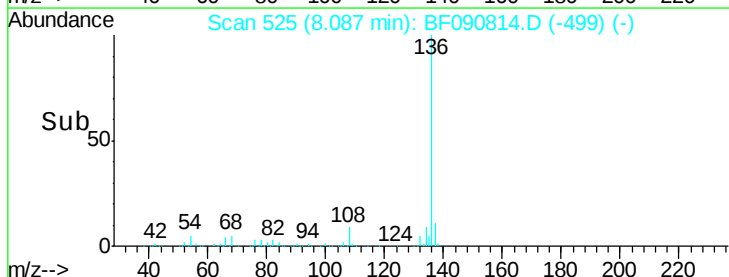
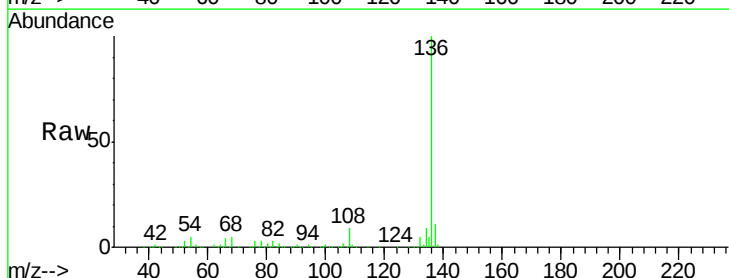
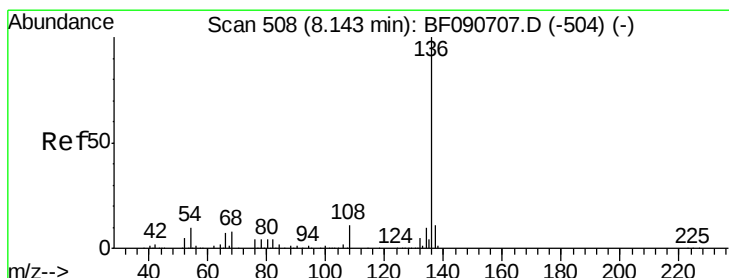
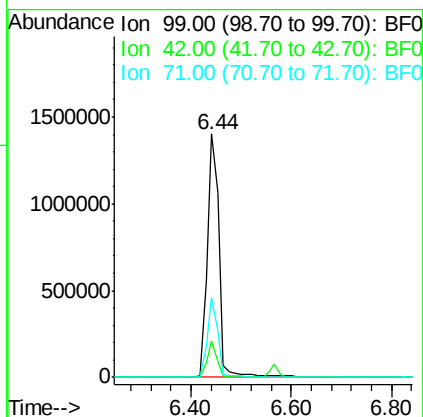
Tot Ion: 99 Resp: 2267495

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

71 32.9 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090814.D

Acq: 25 Oct 2016 18:24

Tgt Ion: 136 Resp: 818457

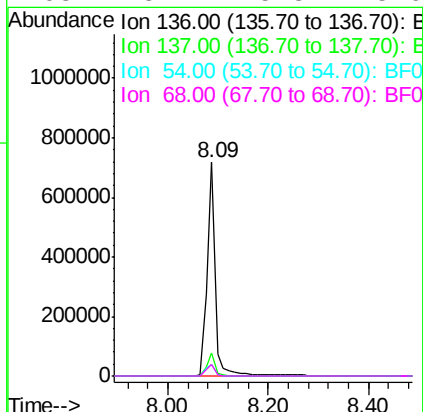
Ion Ratio Lower Upper

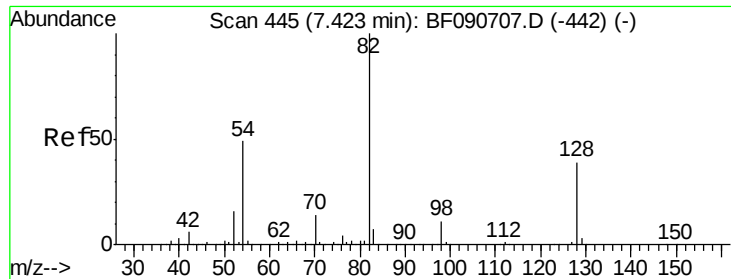
136 100

137 10.9 9.0 13.6

54 5.1 8.2 12.2#

68 5.1 5.8 8.6#

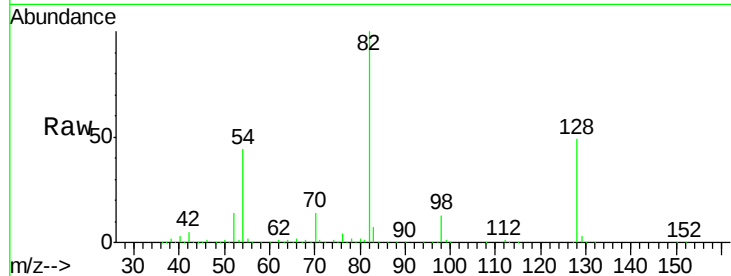




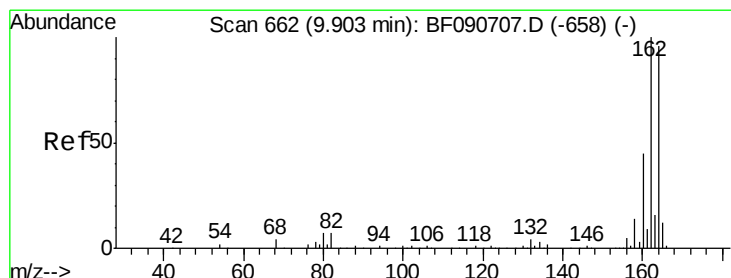
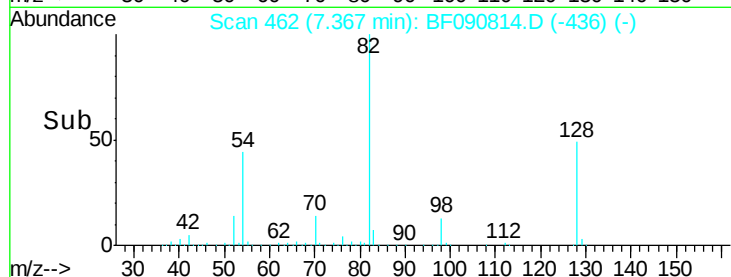
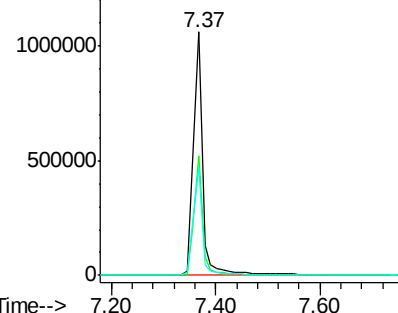
#23
 Nitrobenzene-d5
 Concen: 88.05 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF090814.D
 Acq: 25 Oct 2016 18:24

Instrument :
 BNA_F
 ClientSampled :
 PB94297BL

Tot Ion: 82 Resp: 1313984
 Ion Ratio Lower Upper
 82 100
 128 49.2 51.0 76.6#
 54 44.2 47.5 71.3#

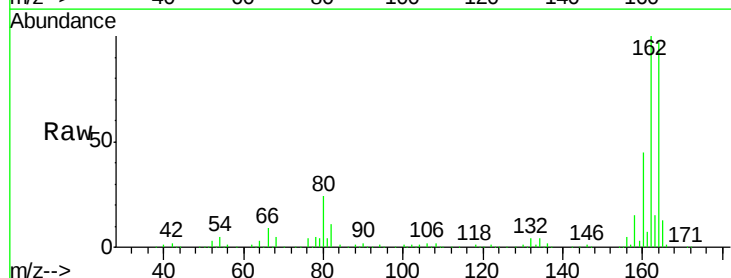


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

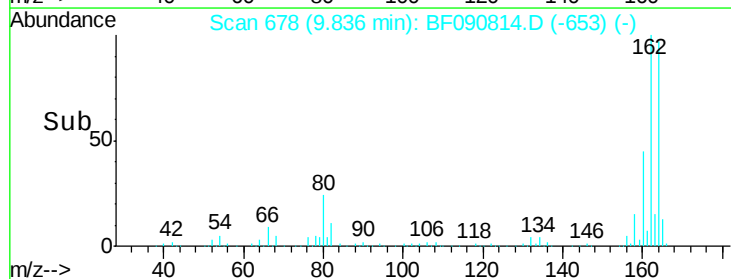
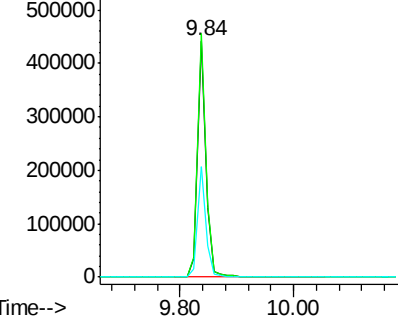


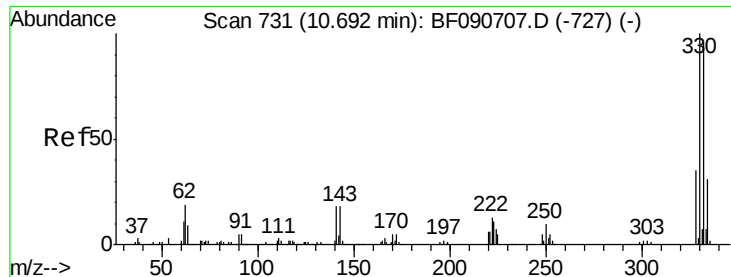
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF090814.D
 Acq: 25 Oct 2016 18:24

Tgt Ion:164 Resp: 437854
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 46.7 31.5 47.3



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

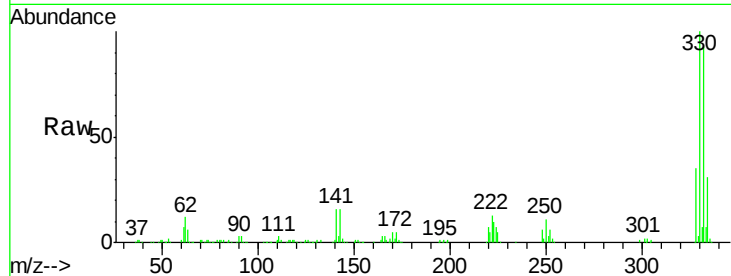




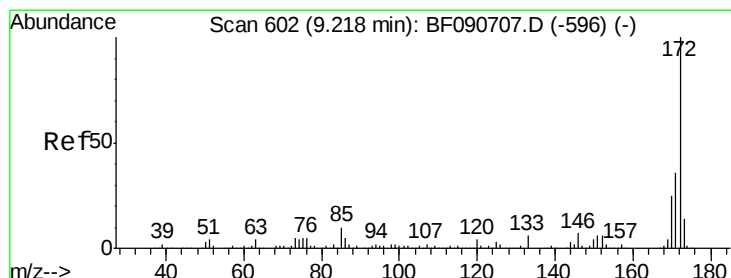
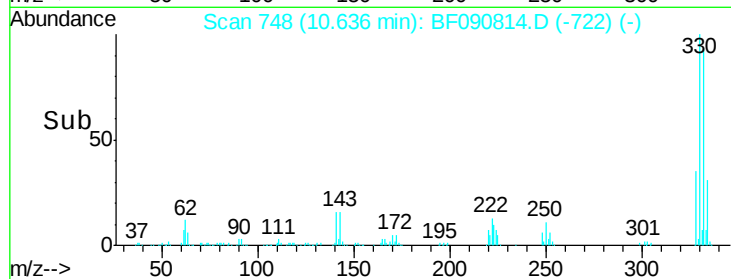
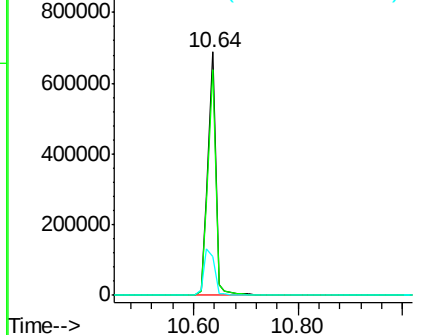
#41
 2,4,6-Tribromophenol
 Concen: 210.33 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090814.D
 Acq: 25 Oct 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BL

Tot Ion:330 Resp: 728936
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 114.8
 141 26.5 29.7 44.5#

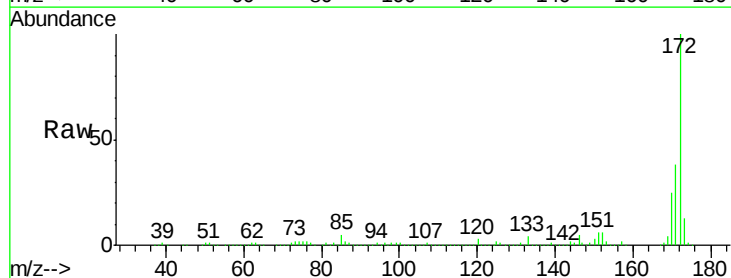


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

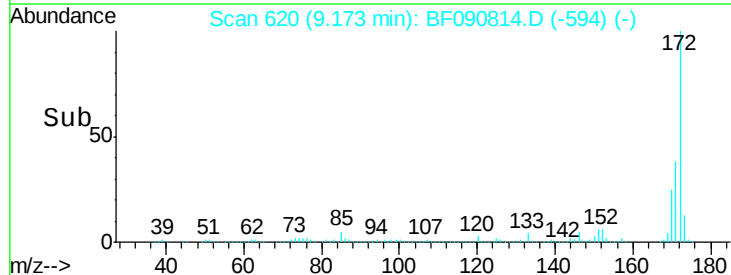
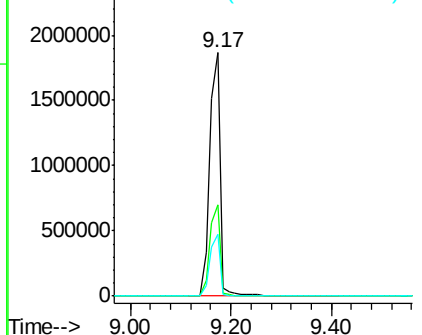


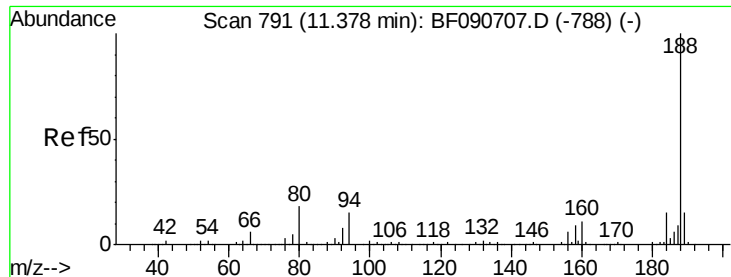
#44
 2-Fluorobiphenyl
 Concen: 95.79 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF090814.D
 Acq: 25 Oct 2016 18:24

Tgt Ion:172 Resp: 2701760
 Ion Ratio Lower Upper
 172 100
 171 37.5 26.1 39.1
 170 25.3 17.4 26.2



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

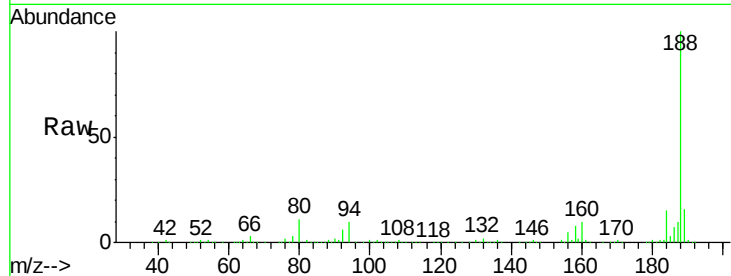




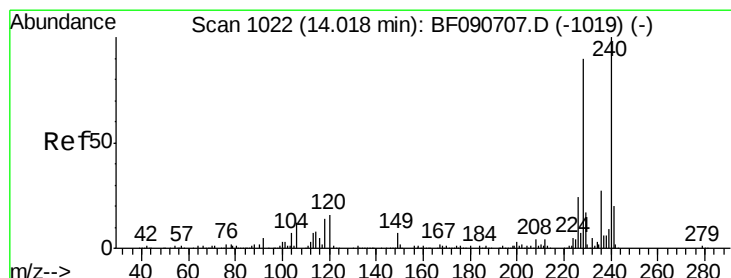
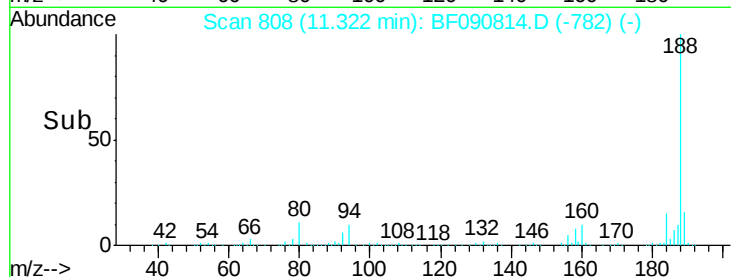
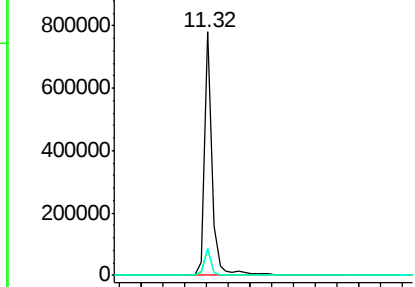
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF090814.D
Acq: 25 Oct 2016 18:24

Instrument :
BNA_F
ClientSampled :
PB94297BL

Tot Ion:188 Resp: 755299
Ion Ratio Lower Upper
188 100
94 10.4 11.1 16.7#
80 11.3 11.0 16.4

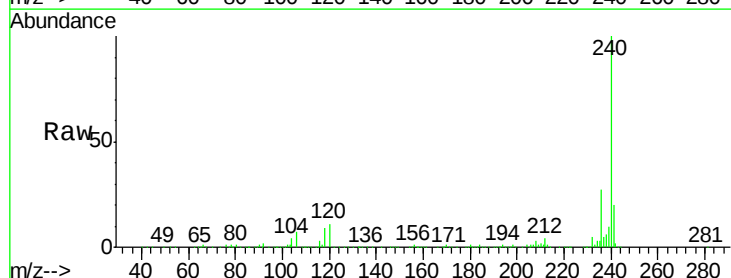


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

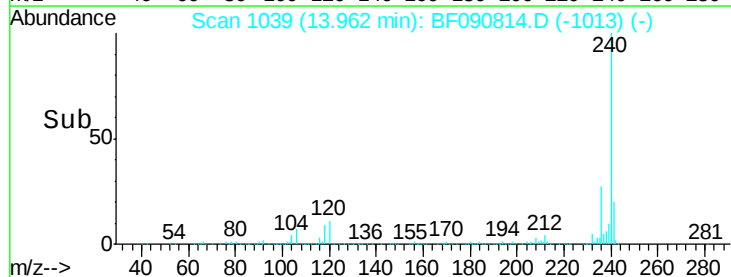
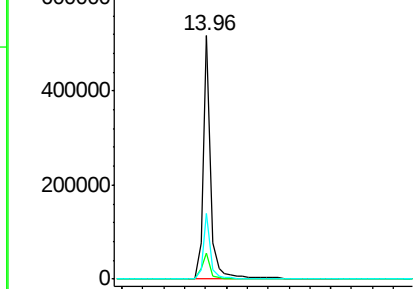


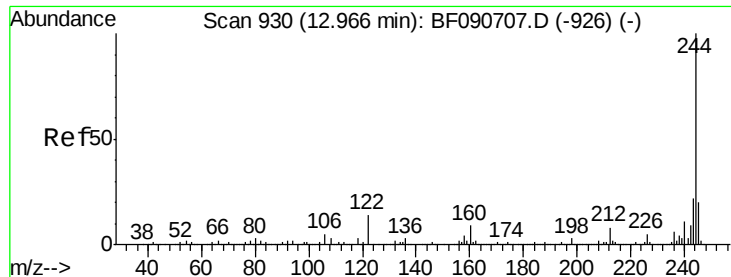
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF090814.D
Acq: 25 Oct 2016 18:24

Tgt Ion:240 Resp: 521817
Ion Ratio Lower Upper
240 100
120 10.6 16.2 24.2#
236 26.9 18.4 27.6



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

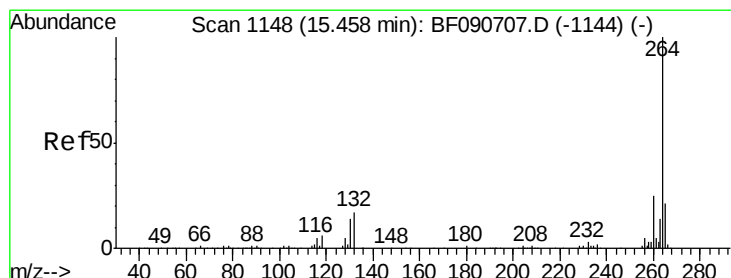
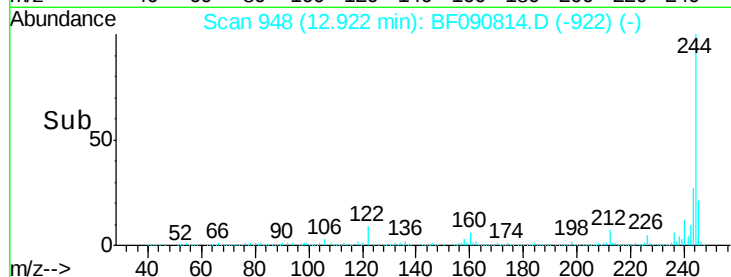
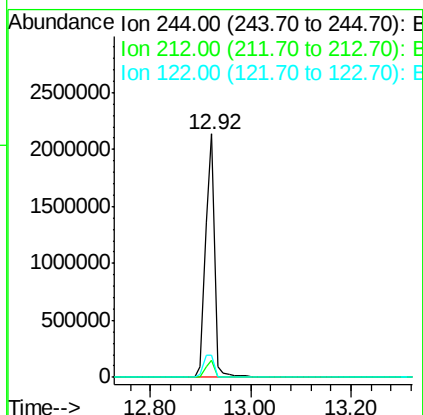
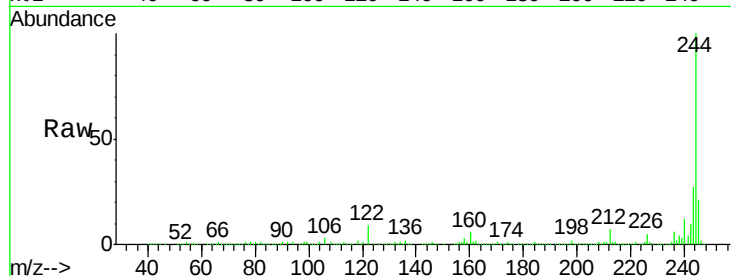




#78
 Terphenyl-d14
 Concen: 116.32 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF090814.D
 Acq: 25 Oct 2016 18:24

Instrument :
 BNA_F
 ClientSampled :
 PB94297BL

Tot Ion:244 Resp: 2648510
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 9.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF090814.D
 Acq: 25 Oct 2016 18:24

Tgt Ion:264 Resp: 388769
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 21.5 17.2 25.8

