

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093458.D
 Acq On : 9 Mar 2017 6:16
 Operator : SJ/MA
 Sample : I2103-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001

Quant Time: Mar 09 06:46:06 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	6.77	152	179021	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	673974	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	280158	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	421318	20.00	ng	0.01
75) Chrysene-d12	13.93	240	374880	20.00	ng	0.01
86) Perylene-d12	15.35	264	284753	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1397805	129.95	ng	0.02
7) Phenol-d6	6.42	99	1771949	130.64	ng	0.01
23) Nitrobenzene-d5	7.34	82	1068147	87.93	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	222627	121.97	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1657333	110.03	ng	0.00
78) Terphenyl-d14	12.87	244	1077104	74.70	ng	0.00

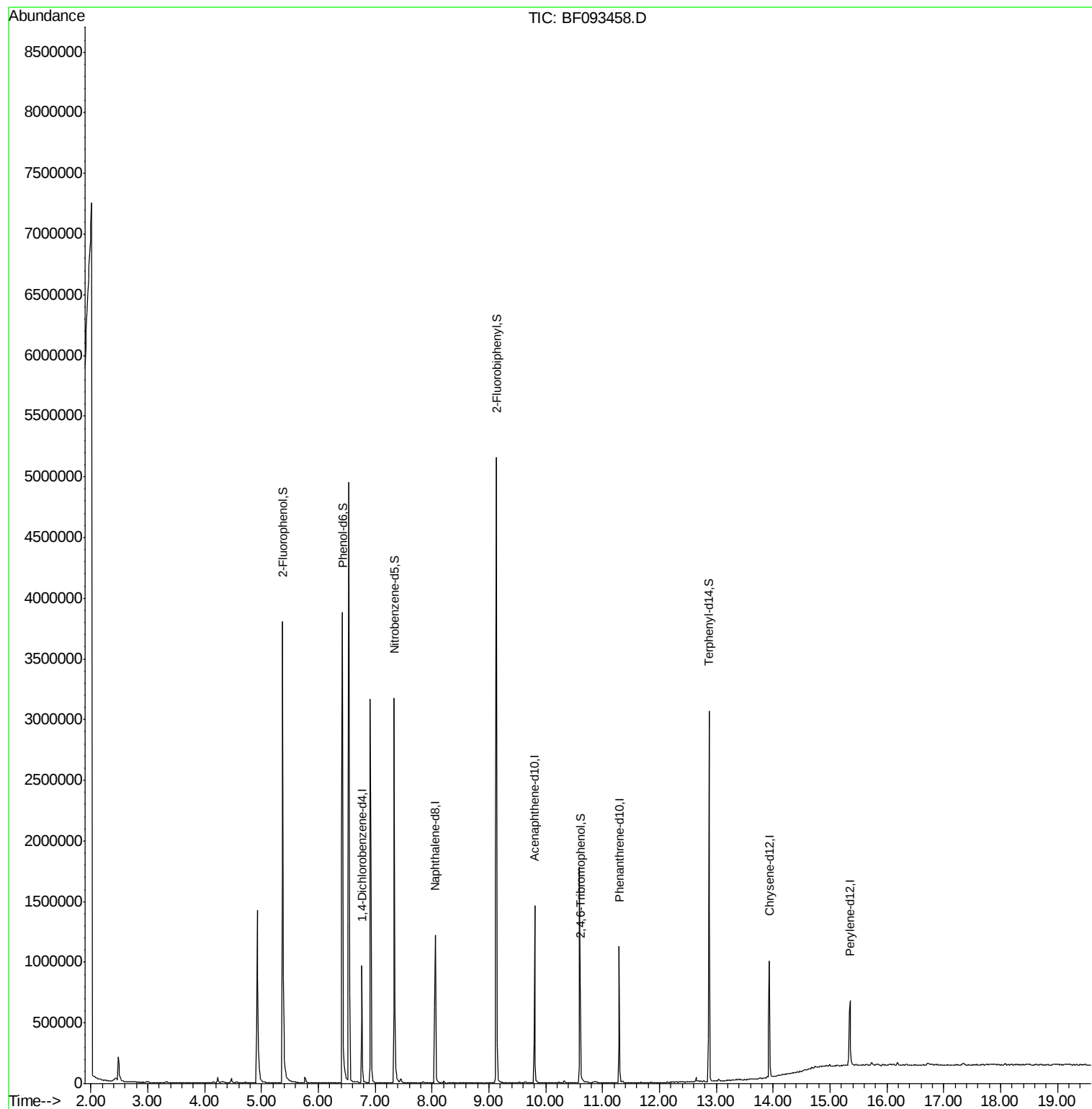
Target Compounds Qvalue

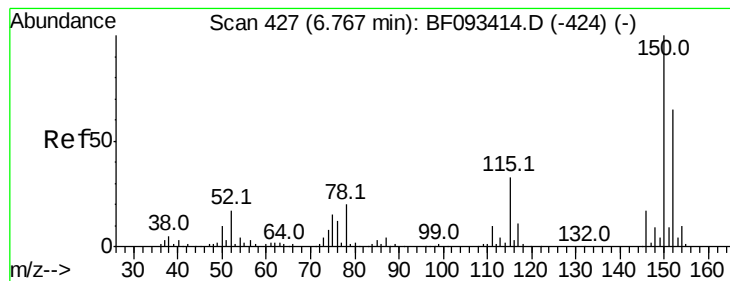
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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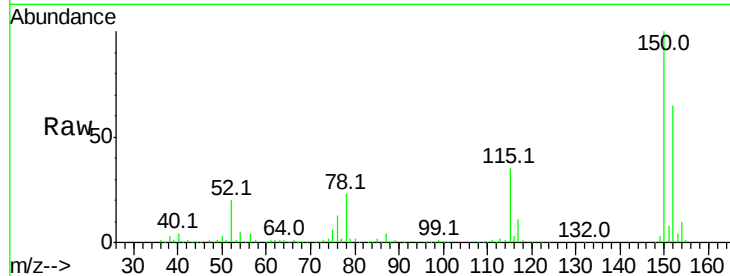


#1

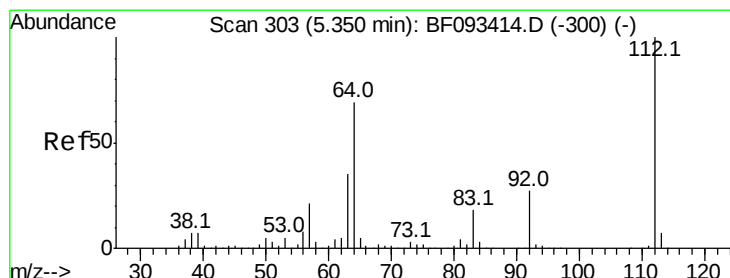
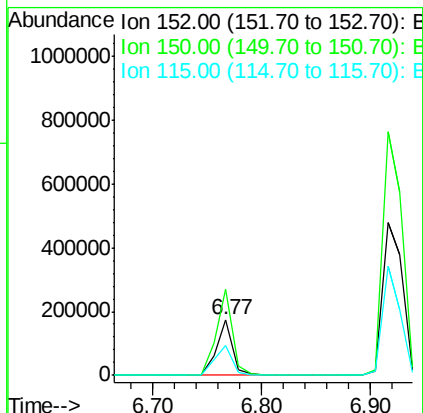
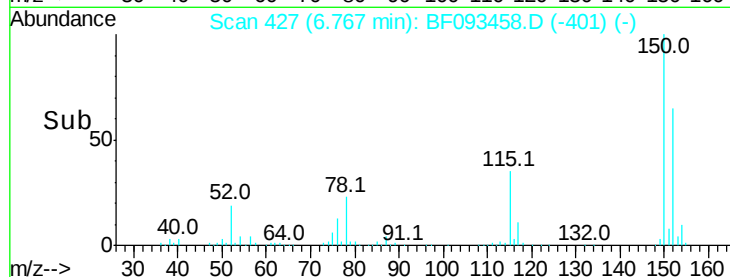
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001

Tot Ion:152 Resp: 179021
Ion Ratio Lower Upper
152 100
150 154.4 124.9 187.3
115 54.5 46.0 69.0



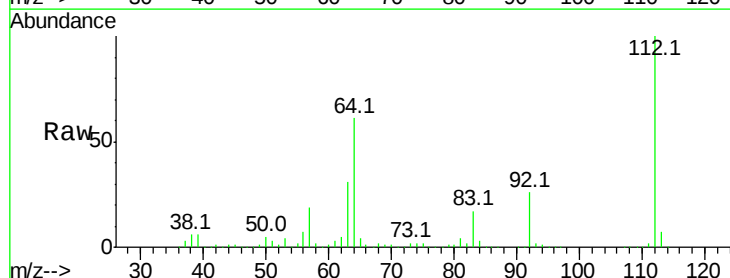
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



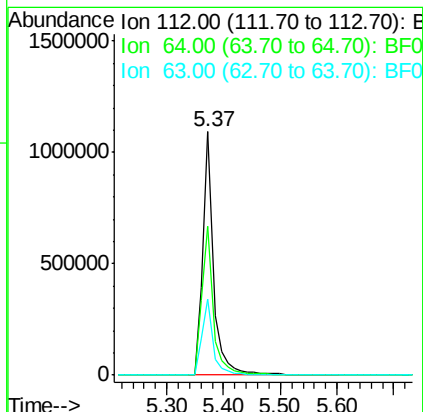
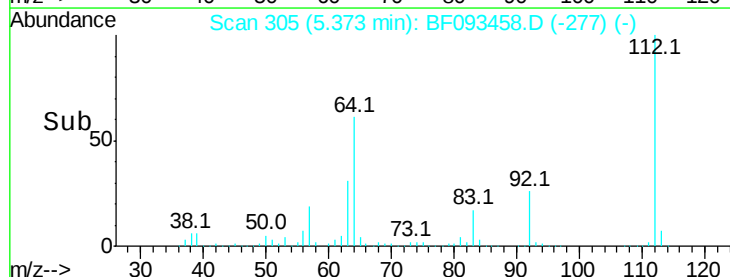
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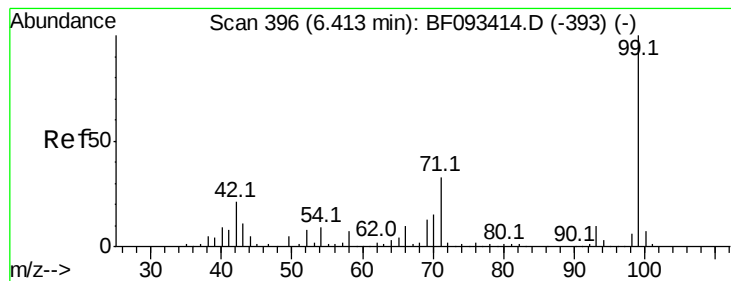
2-Fluorophenol
Concen: 129.95 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Tgt Ion:112 Resp: 1397805
Ion Ratio Lower Upper
112 100
64 61.4 46.1 69.1
63 31.2 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: 130.64 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093458.D

Acq: 9 Mar 2017 6:16

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001

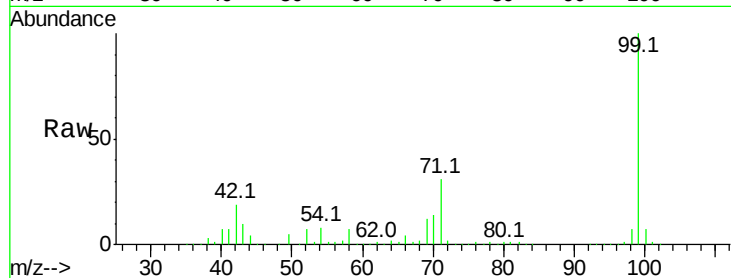
Tot Ion: 99 Resp: 1771949

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

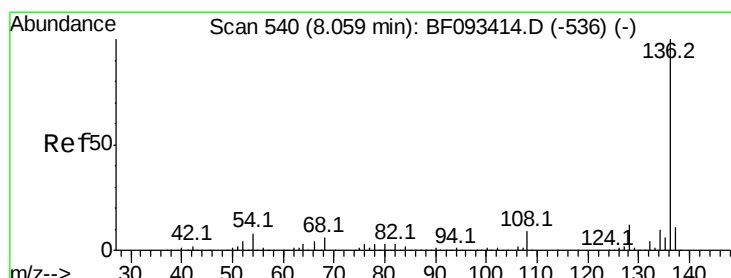
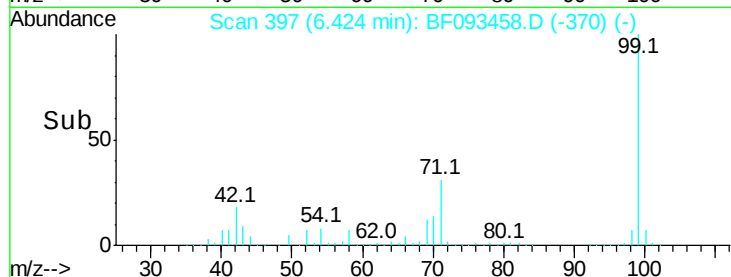
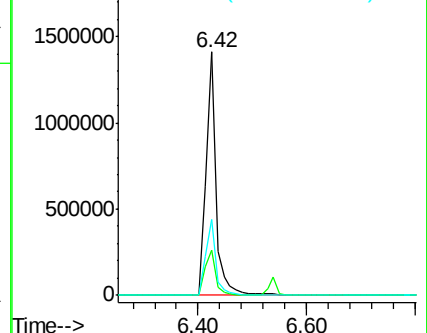
71 31.0 27.5 41.3



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: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093458.D

Acq: 9 Mar 2017 6:16

Tgt Ion:136 Resp: 673974

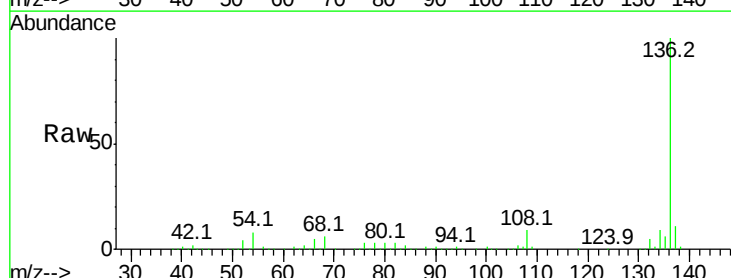
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.4 4.5 6.7#

68 6.1 3.6 5.4#

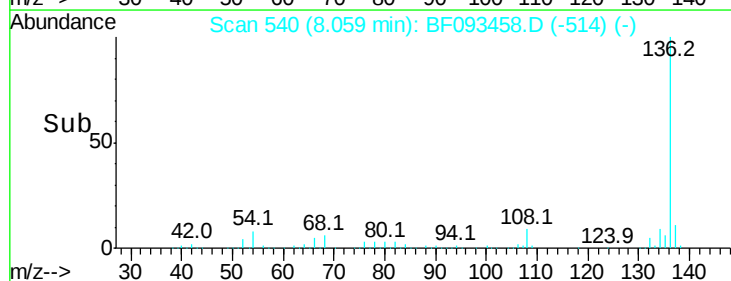
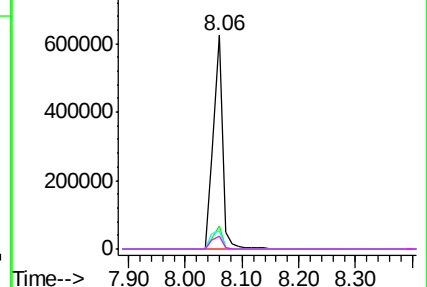


Abundance Ion 136.00 (135.70 to 136.70): E

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

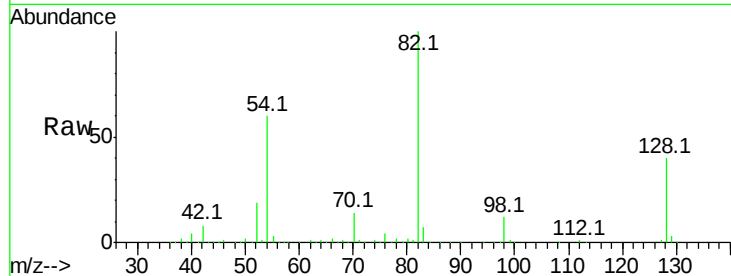




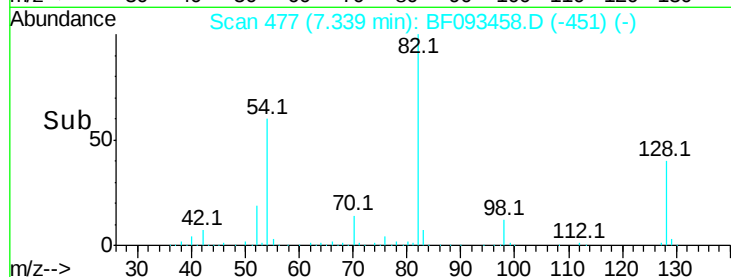
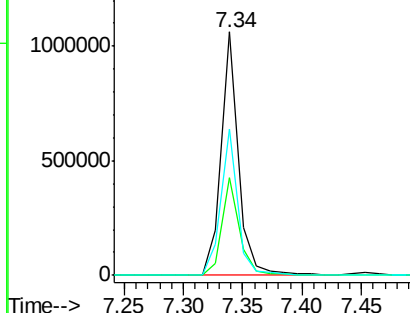
#23
 Nitrobenzene-d5
 Concen: 87.93 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001

Tot Ion: 82 Resp: 1068147
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.6 52.0
 54 60.2 39.5 59.3#

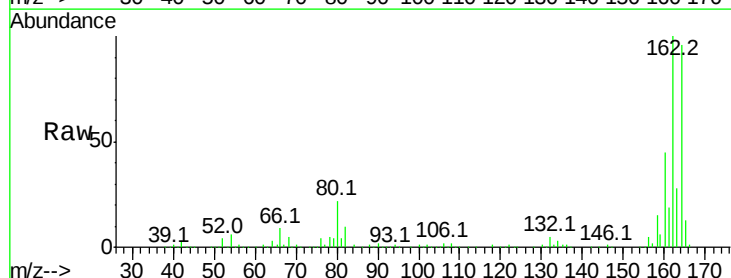


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

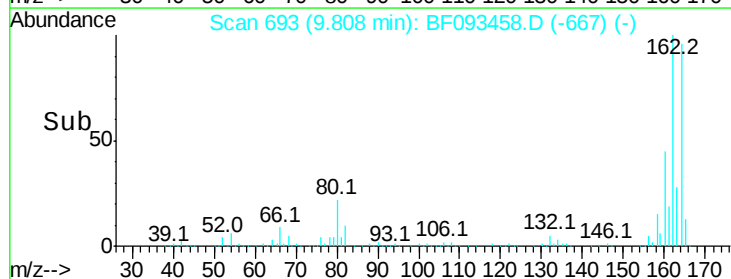
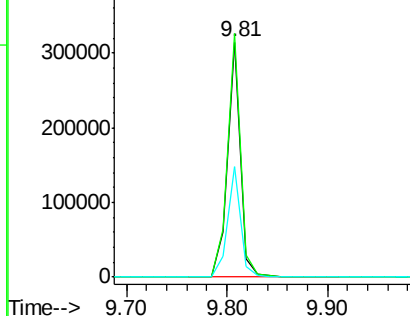


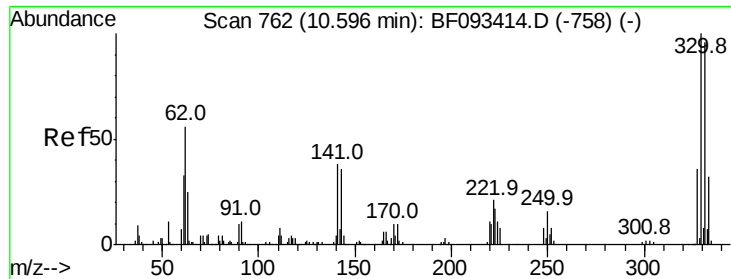
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Tgt Ion:164 Resp: 280158
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.2 120.2
 160 47.0 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

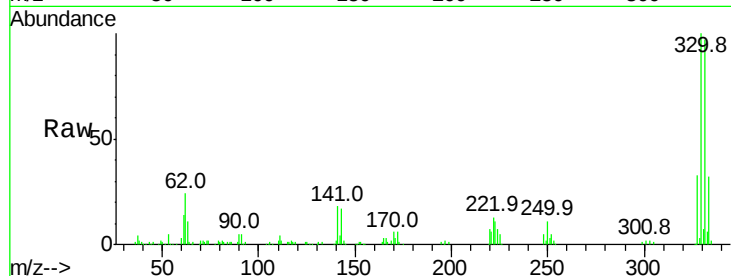




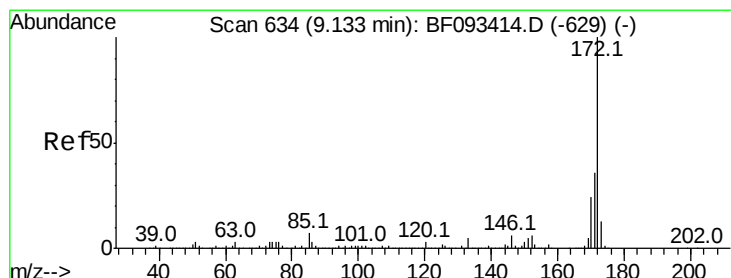
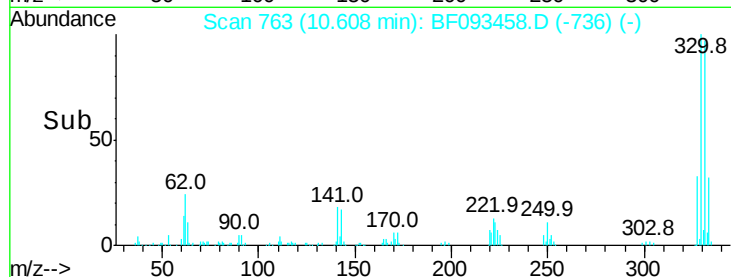
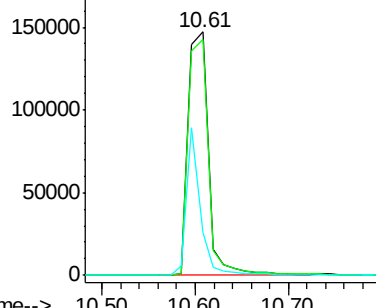
#41
 2,4,6-Tribromophenol
 Concen: 121.97 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001

Tot Ion:330 Resp: 222627
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 42.0 34.1 51.1

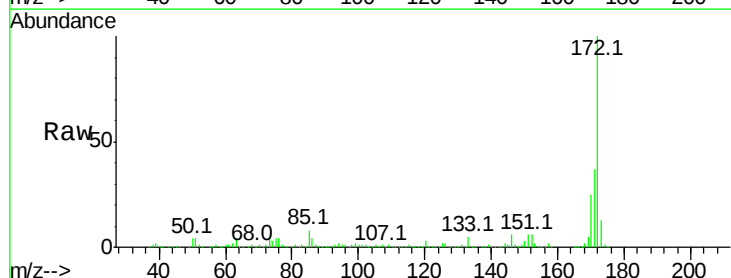


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

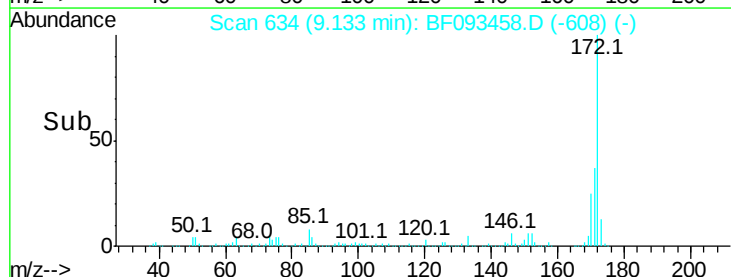
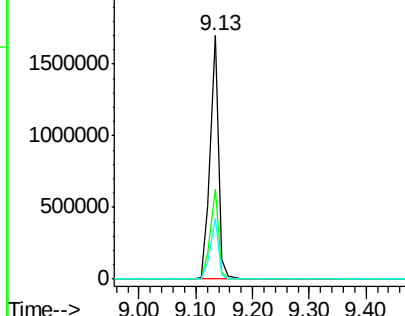


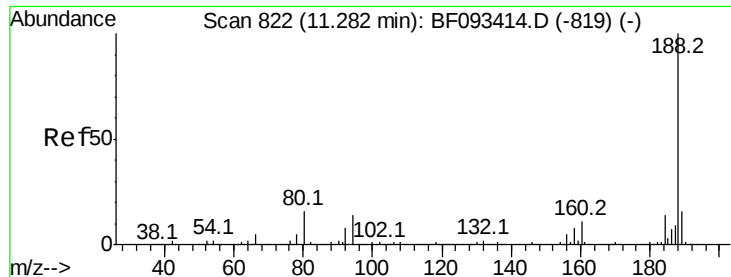
#44
 2-Fluorobiphenyl
 Concen: 110.03 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Tgt Ion:172 Resp: 1657333
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.1 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

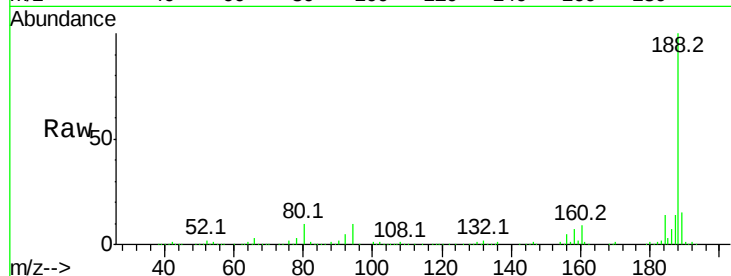




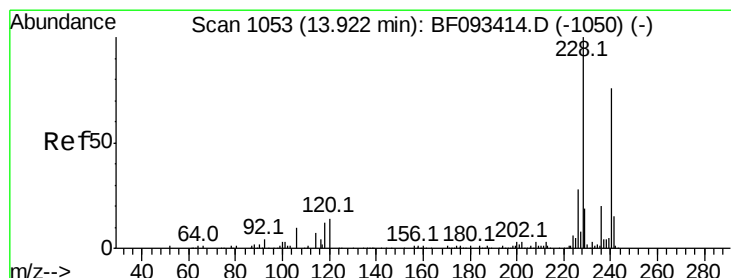
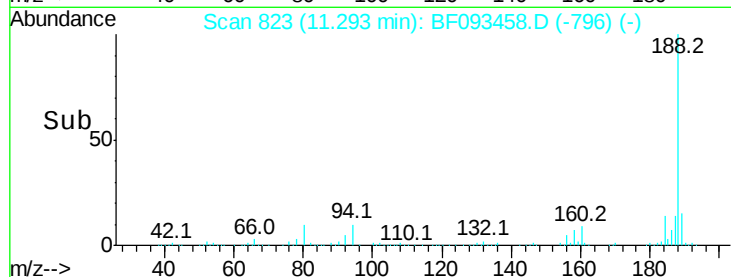
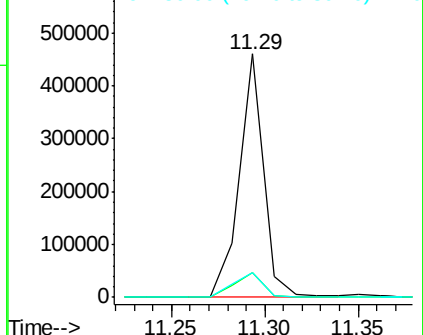
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001

Tot Ion:188 Resp: 421318
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 10.4 11.2 16.8#

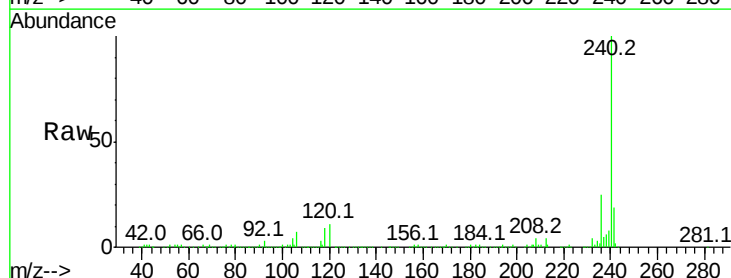


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

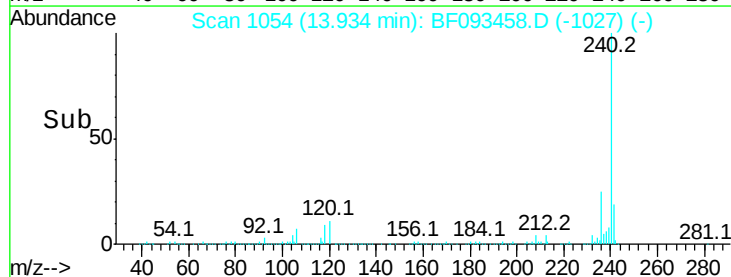
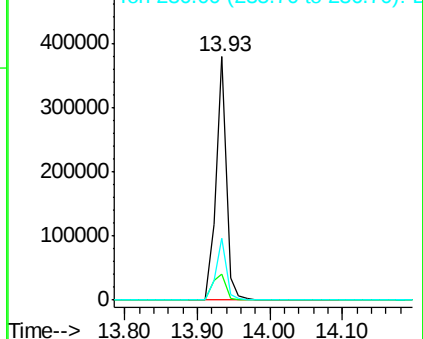


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093458.D
Acq: 9 Mar 2017 6:16

Tgt Ion:240 Resp: 374880
Ion Ratio Lower Upper
240 100
120 10.7 12.9 19.3#
236 25.4 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

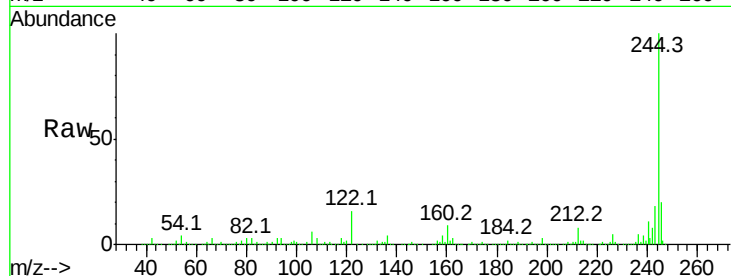




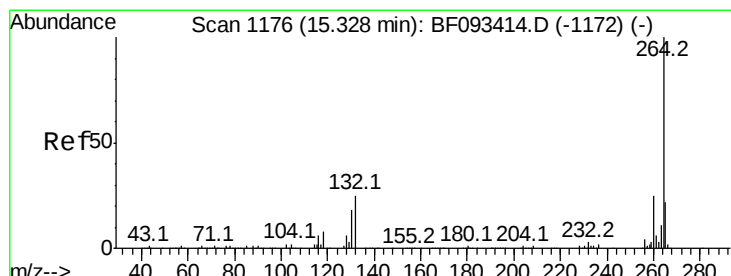
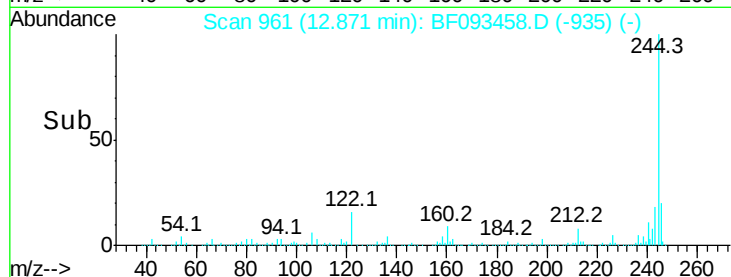
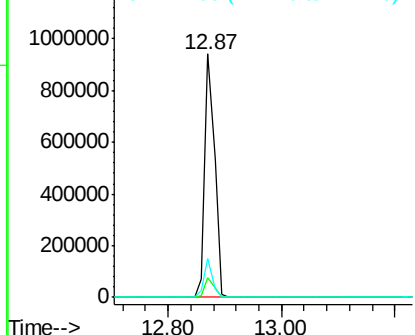
#78
 Terphenyl-d14
 Concen: 74.70 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001

Tot Ion:244 Resp: 1077104
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 16.0 11.4 17.2

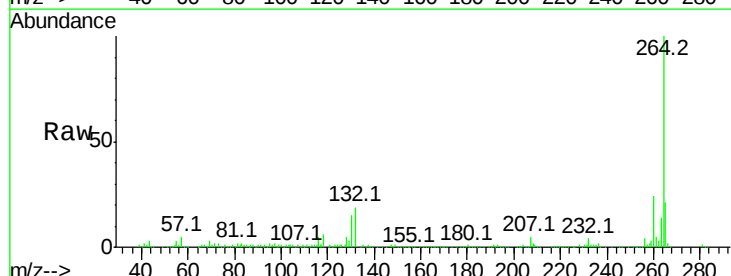


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093458.D
 Acq: 9 Mar 2017 6:16

Tgt Ion:264 Resp: 284753
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

