

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF089997.D
 Acq On : 7 Sep 2016 9:40
 Operator : UM/SJ
 Sample : PB93246BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BL

Quant Time: Sep 07 15:06:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	232516	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	913943	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	486274	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	997906	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	763260	20.00	ng	-0.03
86) Perylene-d12	15.07	264	637634	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1704601	117.34	ng	0.00
7) Phenol-d6	6.27	99	2182508	123.65	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1266618	80.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	507428	105.77	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	2125653	71.76	ng	-0.02
78) Terphenyl-d14	12.71	244	2377675	76.95	ng	-0.02

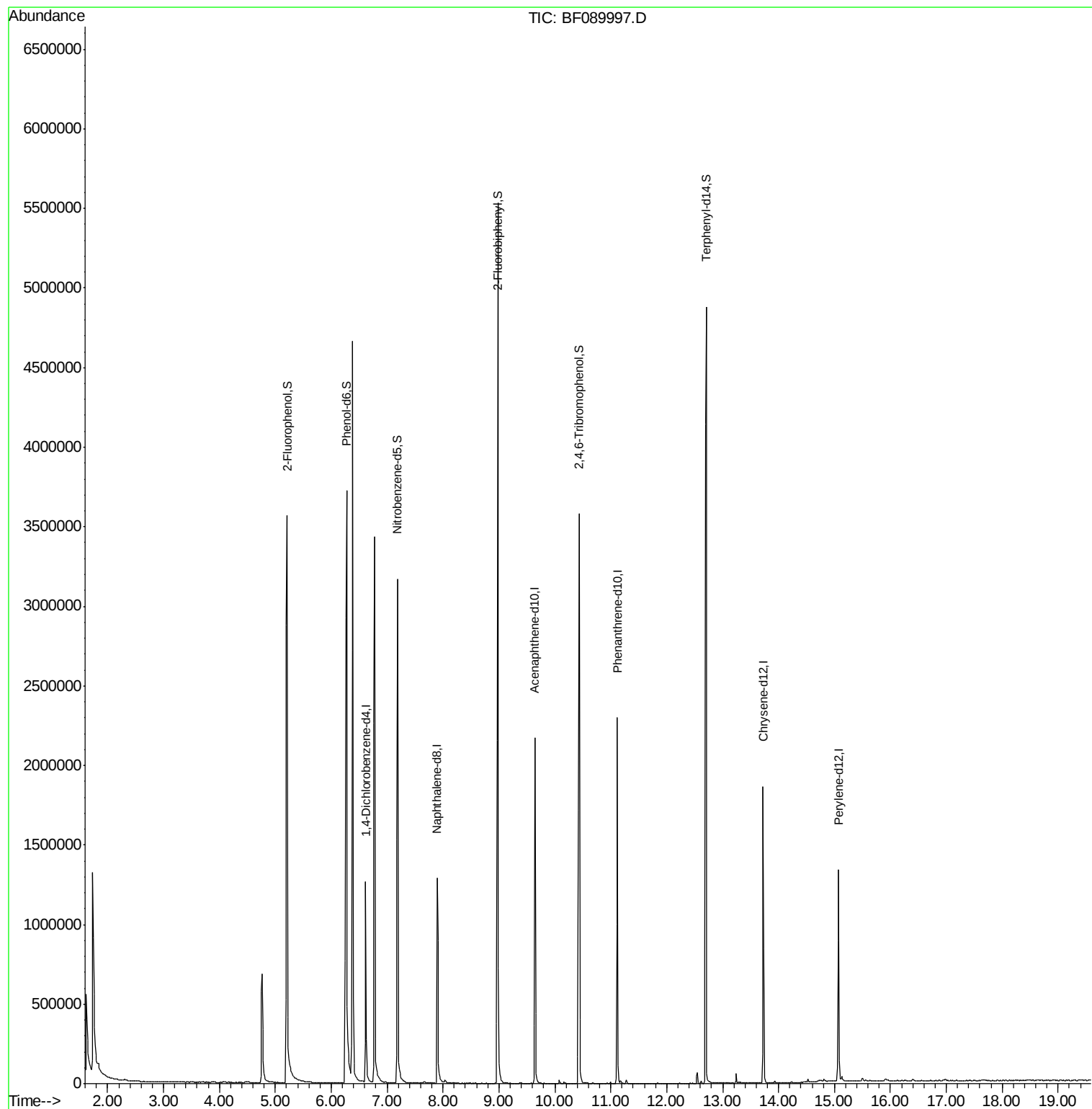
Target Compounds	Qvalue
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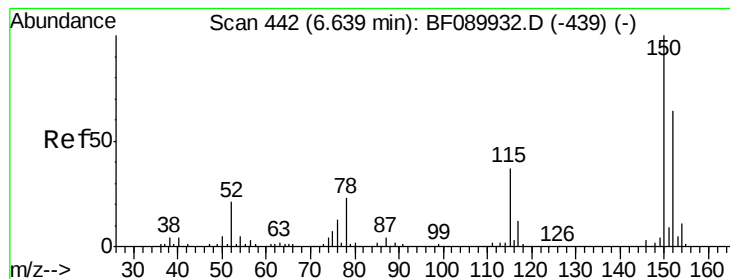
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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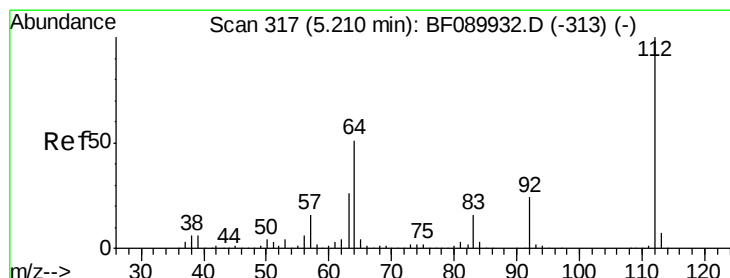
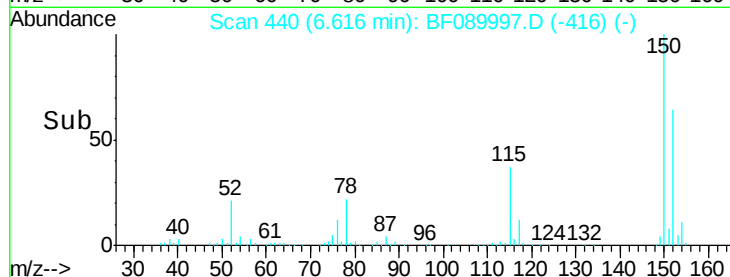
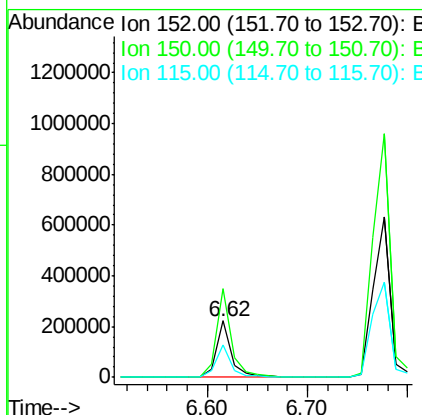
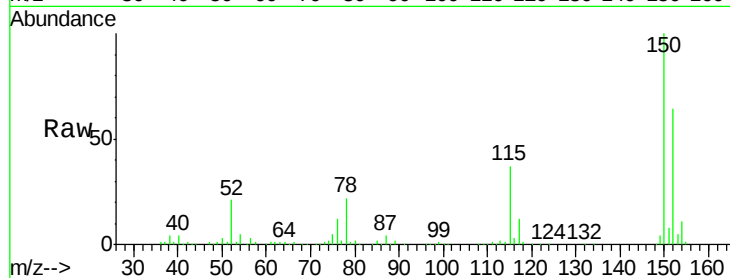




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF089997.D
 Acq: 7 Sep 2016 9:40

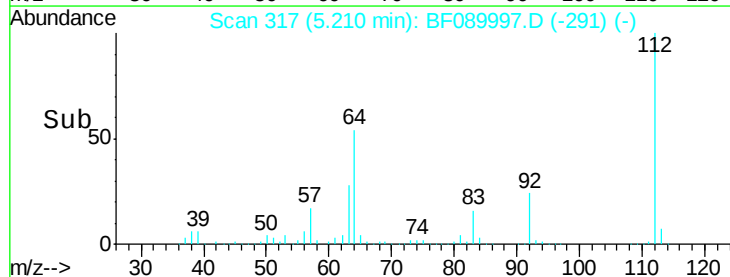
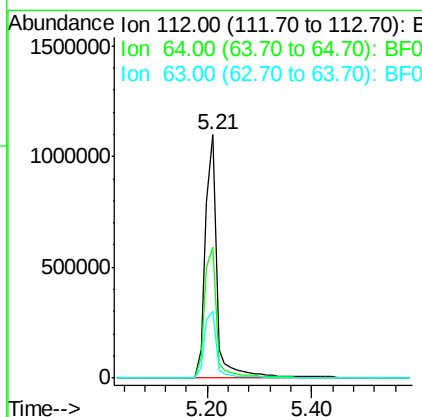
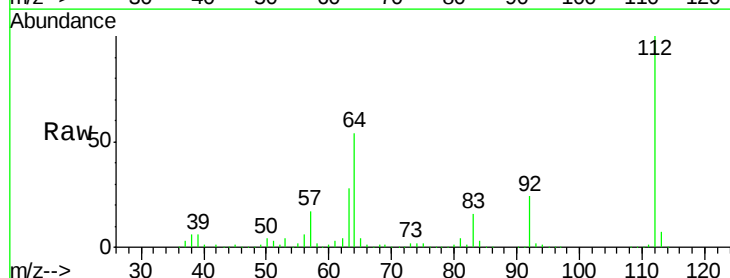
Instrument :
 BNA_F
 ClientSampleId :
 PB93246BL

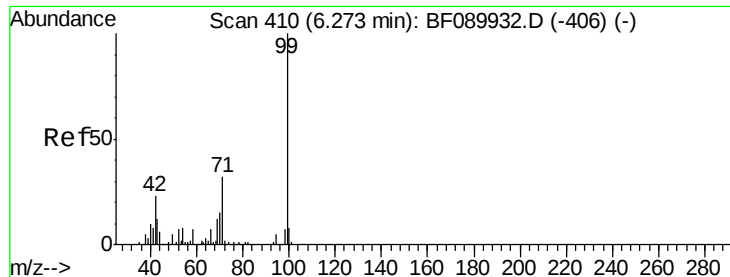
Tgt Ion:152 Resp: 232516
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.4 191.2
 115 57.2 46.3 69.5



#5
 2-Fluorophenol
 Concen: 117.34 ng
 RT: 5.21 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: BF089997.D
 Acq: 7 Sep 2016 9:40

Tgt Ion:112 Resp: 1704601
 Ion Ratio Lower Upper
 112 100
 64 53.7 41.1 61.7
 63 27.7 21.2 31.8





#7

Phenol-d6

Concen: 123.65 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089997.D

Acq: 7 Sep 2016 9:40

Instrument :

BNA_F

ClientSampleId :

PB93246BL

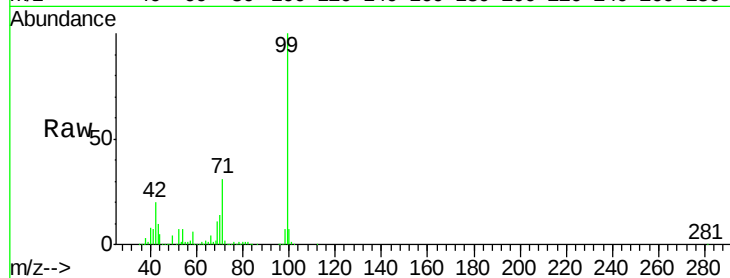
Tgt Ion: 99 Resp: 2182508

Ion Ratio Lower Upper

99 100

42 19.6 18.6 27.8

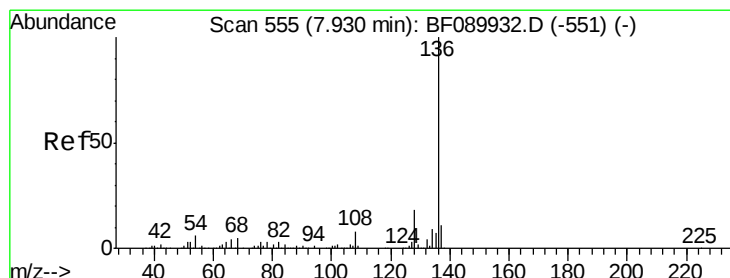
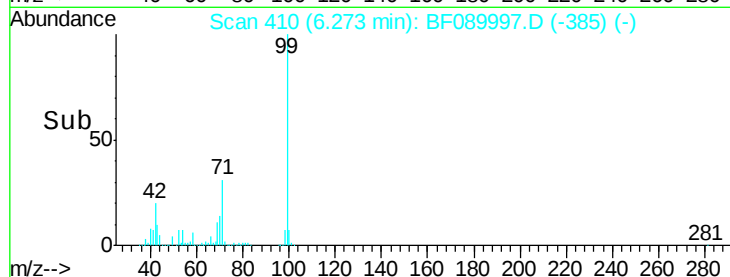
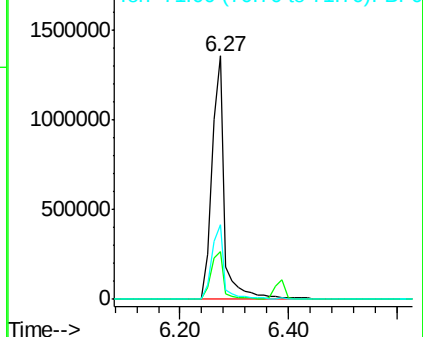
71 30.8 25.8 38.6



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: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF089997.D

Acq: 7 Sep 2016 9:40

Tgt Ion: 136 Resp: 913943

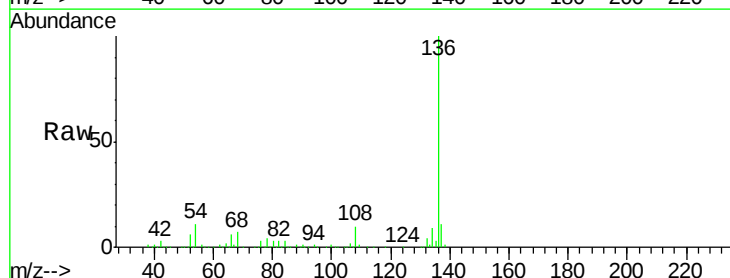
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 11.0 4.8 7.2#

68 7.2 3.7 5.5#

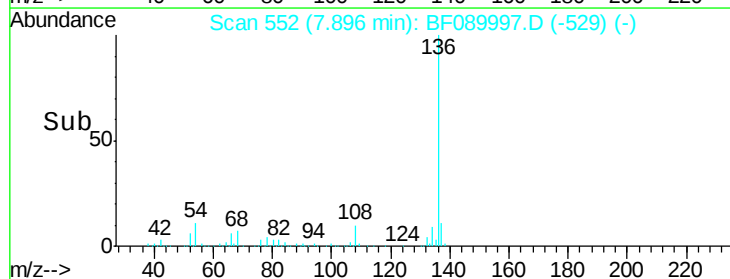
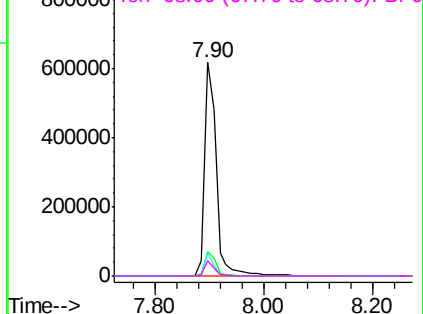


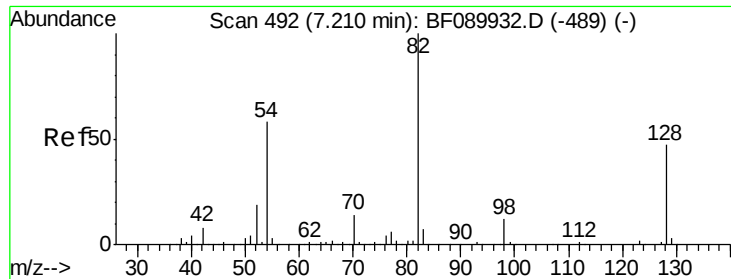
Abundance Ion 136.00 (135.70 to 136.70): E

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

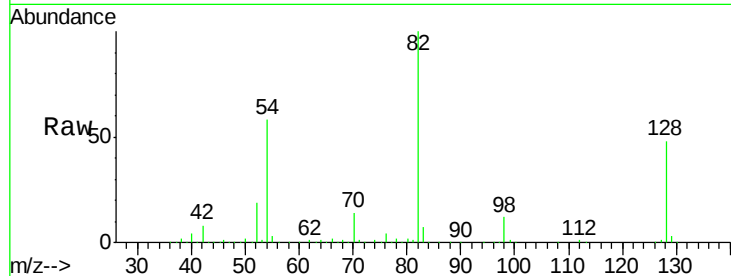




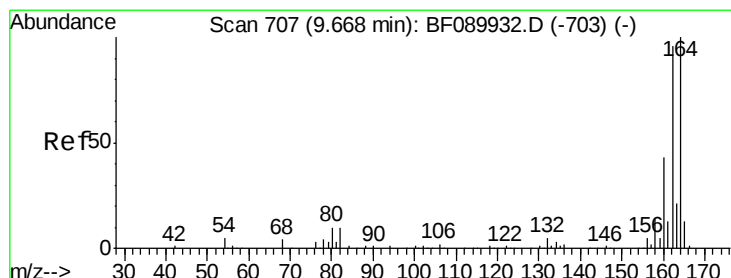
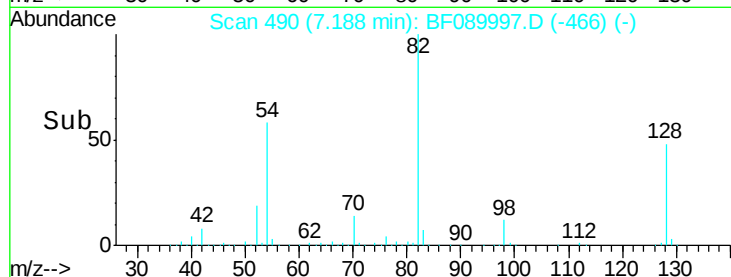
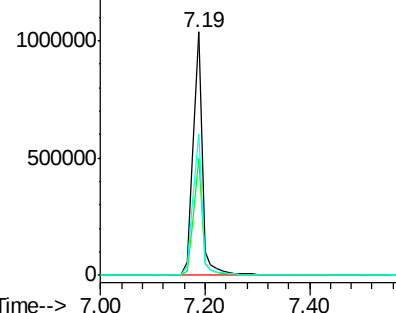
#23
 Nitrobenzene-d5
 Concen: 80.38 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF089997.D
 Acq: 7 Sep 2016 9:40

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BL

Tgt Ion: 82 Resp: 1266618
 Ion Ratio Lower Upper
 82 100
 128 47.9 37.8 56.8
 54 58.2 46.9 70.3

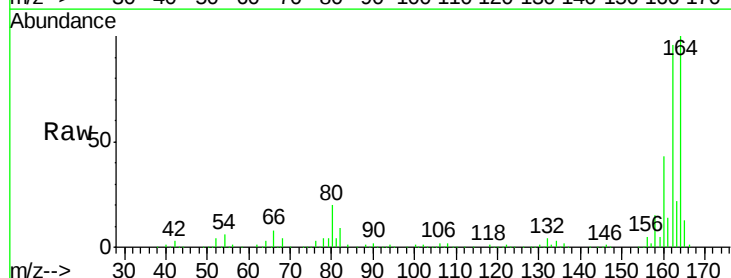


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

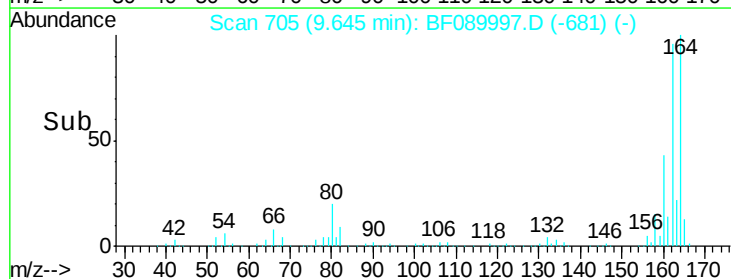
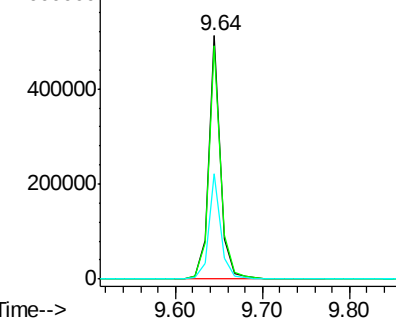


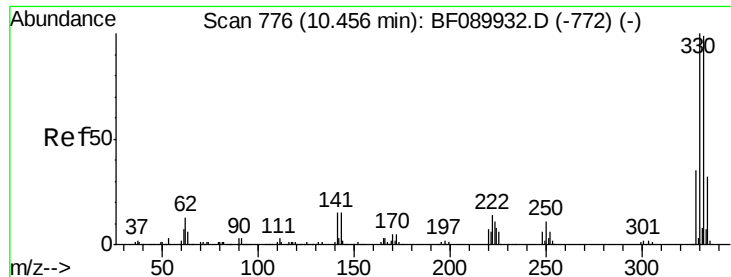
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF089997.D
 Acq: 7 Sep 2016 9:40

Tgt Ion: 164 Resp: 486274
 Ion Ratio Lower Upper
 164 100
 162 95.7 77.1 115.7
 160 43.5 35.3 52.9



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

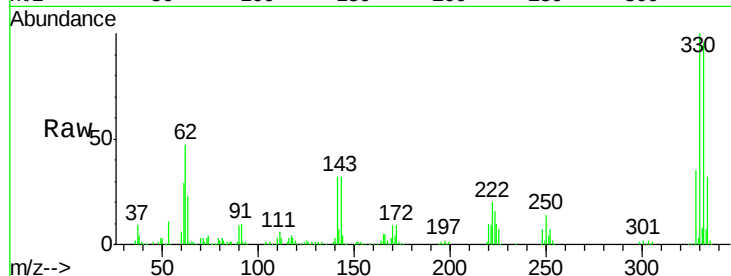




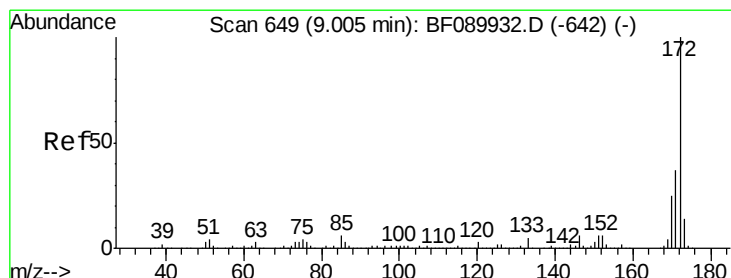
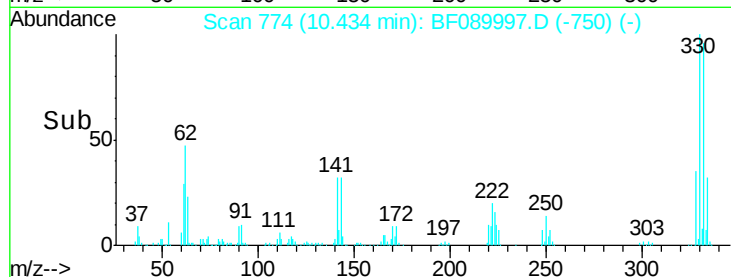
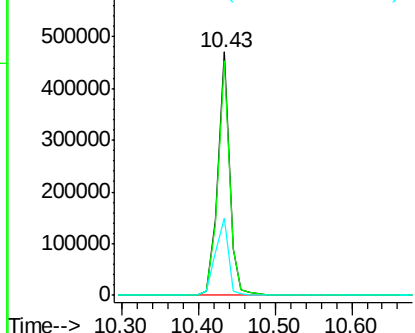
#41
 2,4,6-Tribromophenol
 Concen: 105.77 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF089997.D
 Acq: 7 Sep 2016 9:40

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BL

Tgt Ion:330 Resp: 507428
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.6 117.8
 141 34.4 23.3 34.9

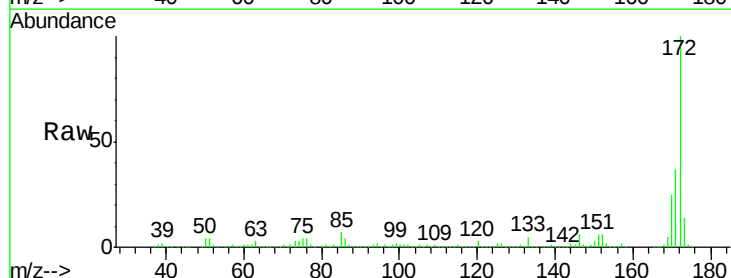


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

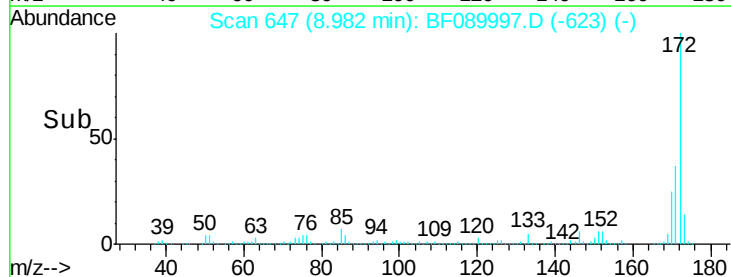
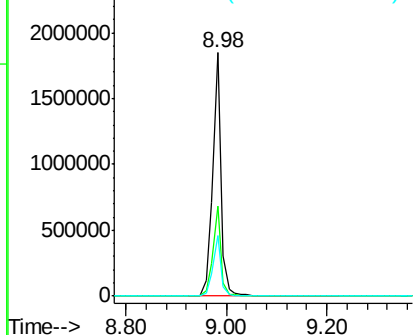


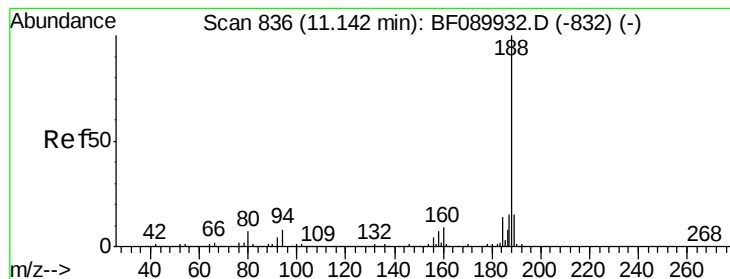
#44
 2-Fluorobiphenyl
 Concen: 71.76 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089997.D
 Acq: 7 Sep 2016 9:40

Tgt Ion:172 Resp: 2125653
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 25.1 20.1 30.1



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: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF089997.D

Acq: 7 Sep 2016 9:40

Instrument :

BNA_F

ClientSampleId :

PB93246BL

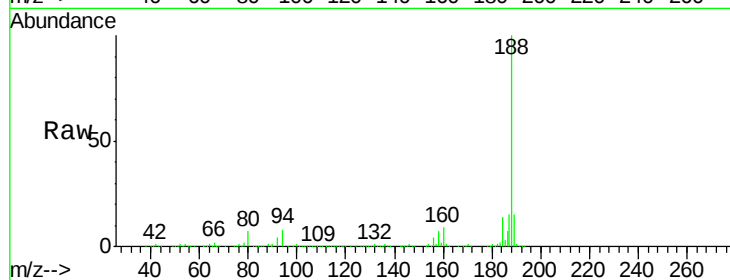
Tgt Ion:188 Resp: 997906

Ion Ratio Lower Upper

188 100

94 7.5 5.9 8.9

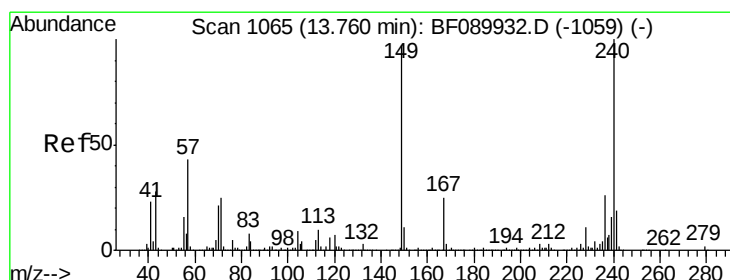
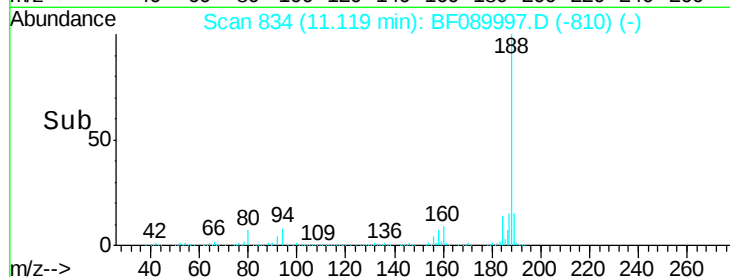
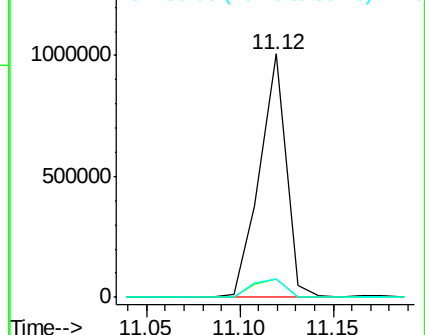
80 7.3 5.8 8.8



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: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF089997.D

Acq: 7 Sep 2016 9:40

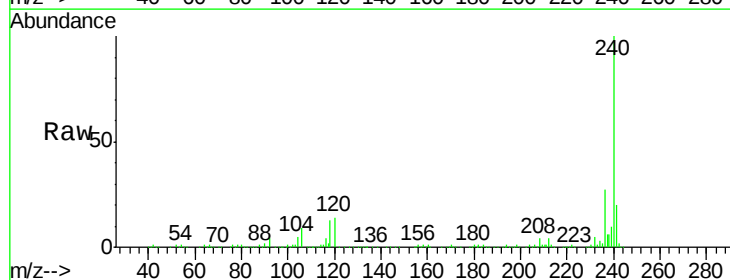
Tgt Ion:240 Resp: 763260

Ion Ratio Lower Upper

240 100

120 14.3 5.7 8.5#

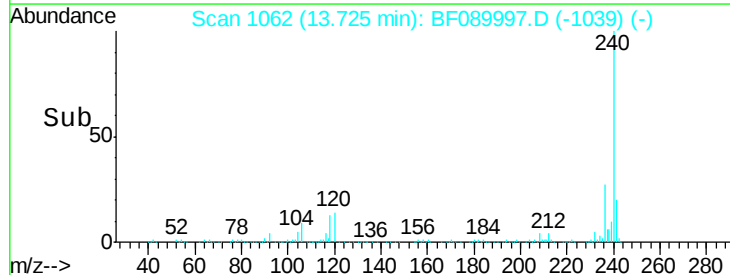
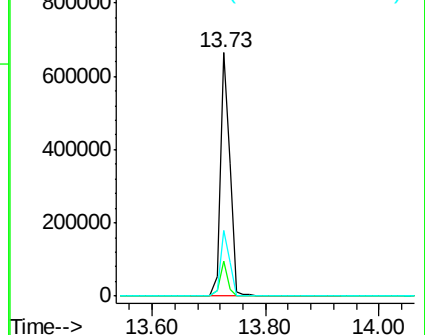
236 26.8 21.3 31.9

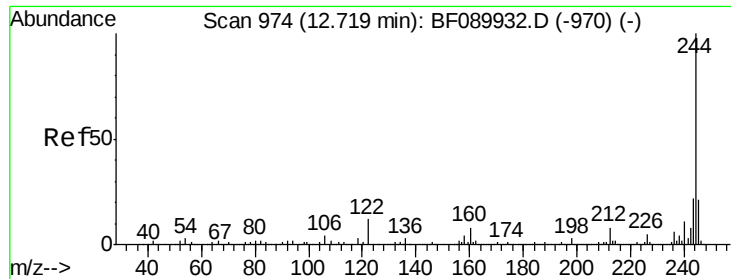


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

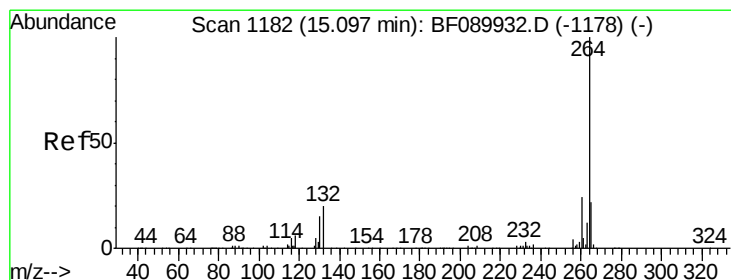
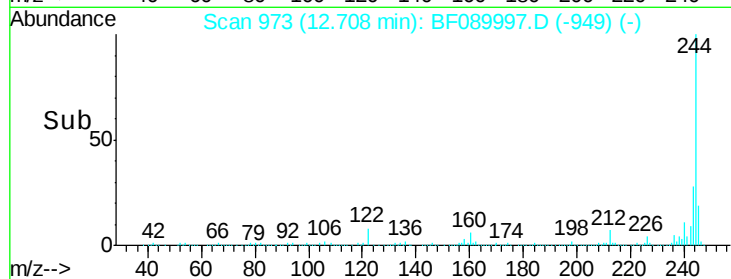
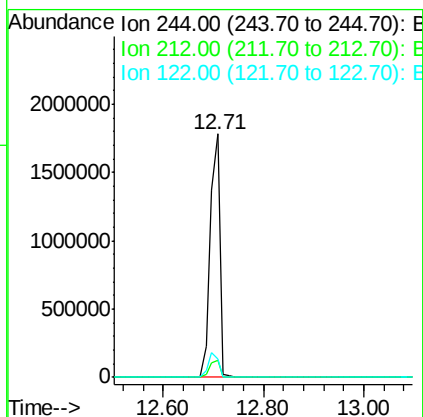
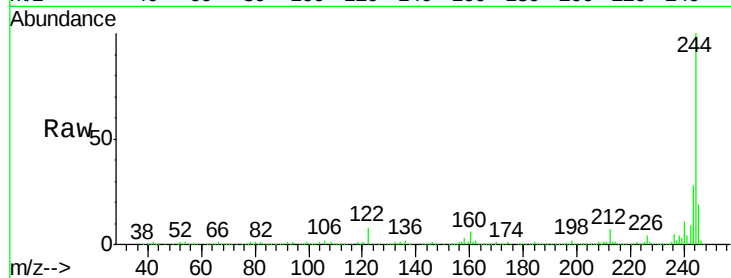




#78
 Terphenyl-d14
 Concen: 76.95 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF089997.D
 Acq: 7 Sep 2016 9:40

Instrument :
 BNA_F
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 PB93246BL

Tgt Ion:244 Resp: 2377675
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 7.5 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF089997.D
 Acq: 7 Sep 2016 9:40

Tgt Ion:264 Resp: 637634
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 21.5 17.4 26.2

