

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093742.D
 Acq On : 18 Mar 2017 9:54
 Operator : SJ/MA
 Sample : I2263-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-03132017

Quant Time: Mar 20 01:22:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	196189	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	723176	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	344271	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	660540	20.00	ng	0.00
75) Chrysene-d12	13.99	240	544643	20.00	ng	-0.01
86) Perylene-d12	15.40	264	435437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	693379	58.92	ng	0.00
7) Phenol-d6	6.47	99	596657	40.91	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1169088	97.03	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	343754	152.57	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2100968	115.16	ng	0.00
78) Terphenyl-d14	12.95	244	1655366	65.42	ng	0.00

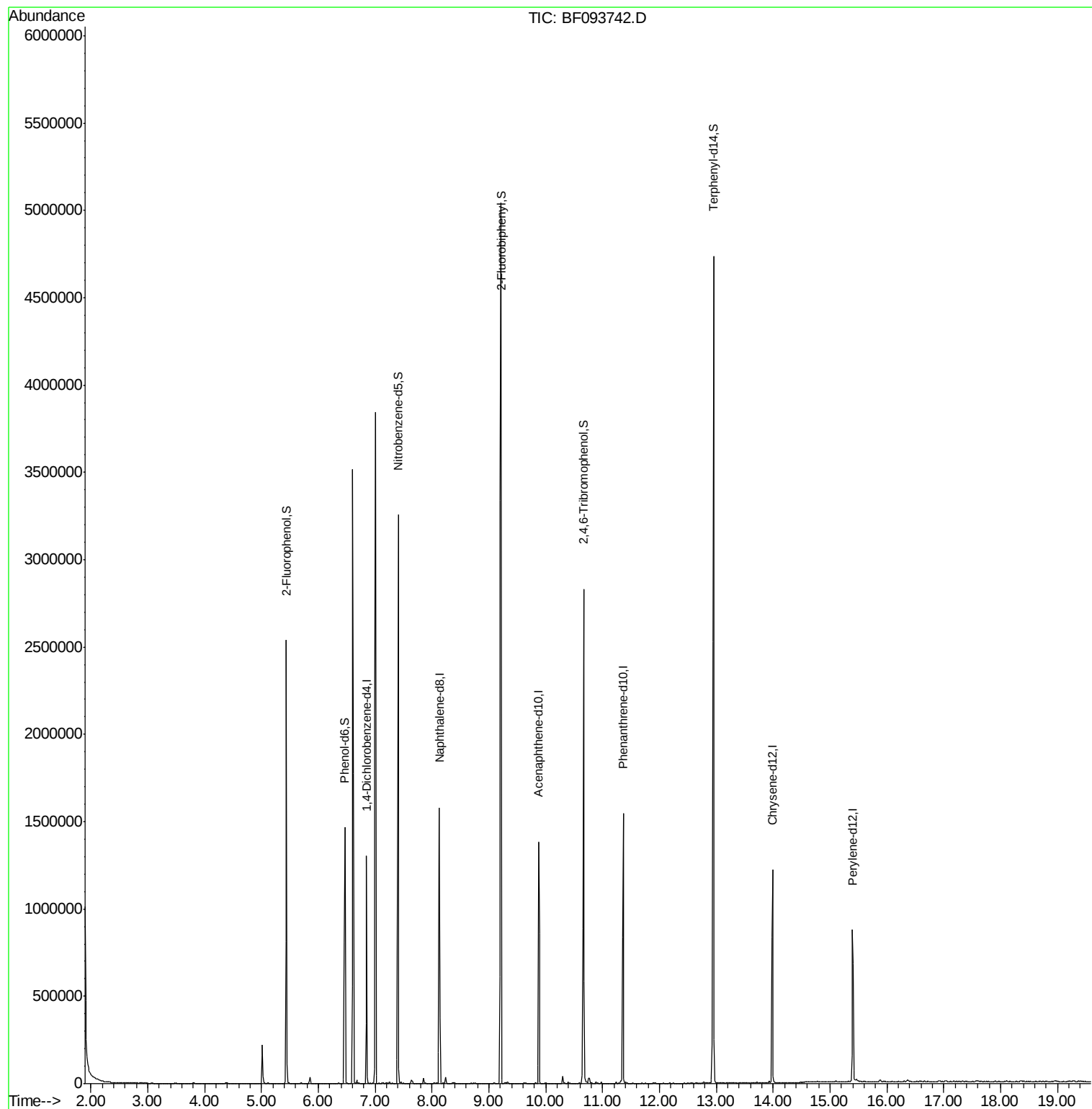
Target Compounds	Qvalue
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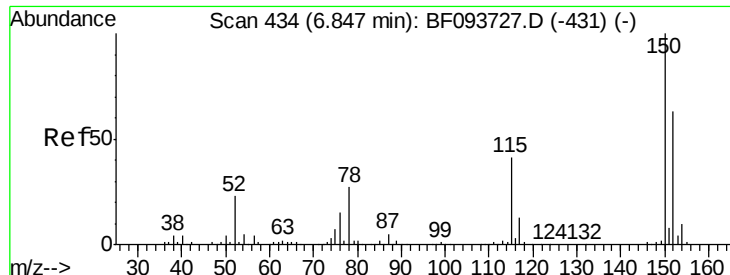
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

Instrument :

BNA_F

ClientSampleId :

FB-03132017

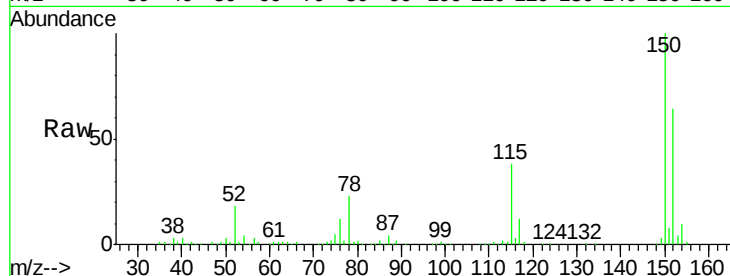
Tgt Ion:152 Resp: 196189

Ion Ratio Lower Upper

152 100

150 155.2 126.2 189.2

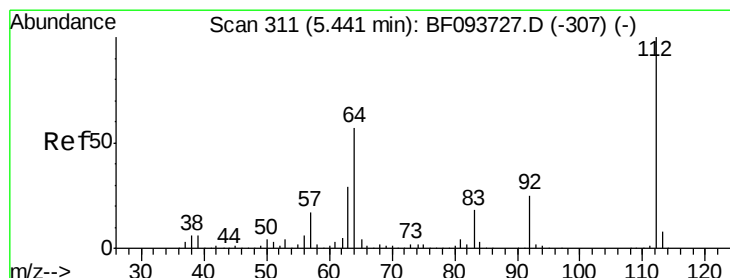
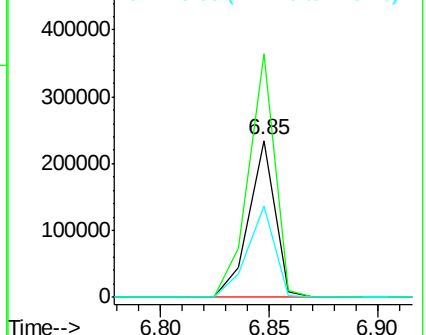
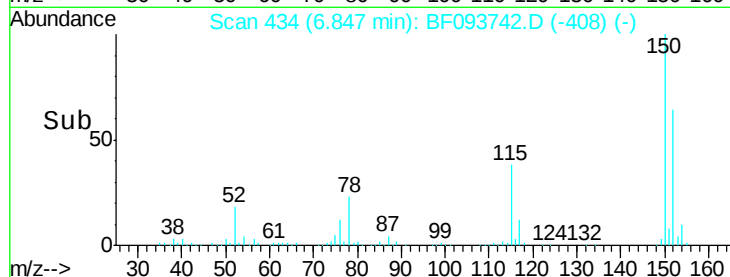
115 58.3 52.2 78.2



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: 58.92 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

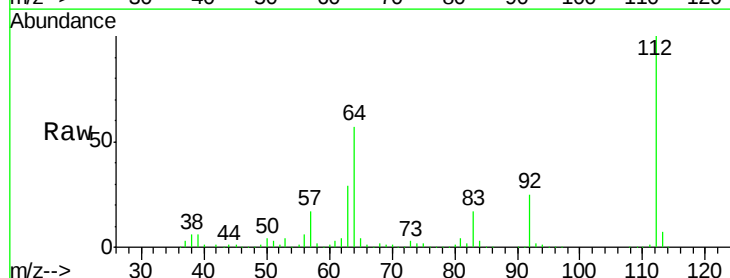
Tgt Ion:112 Resp: 693379

Ion Ratio Lower Upper

112 100

64 56.5 46.0 69.0

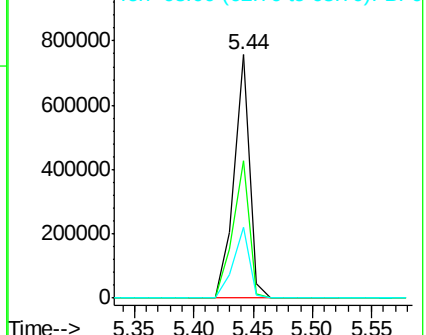
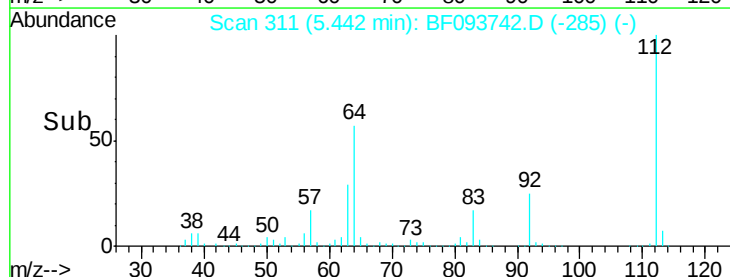
63 29.0 23.4 35.0

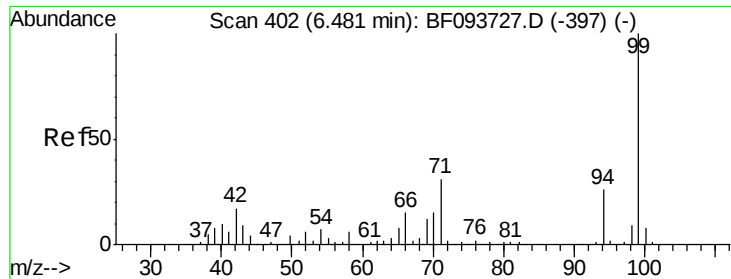


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.91 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

Instrument :

BNA_F

ClientSampleId :

FB-03132017

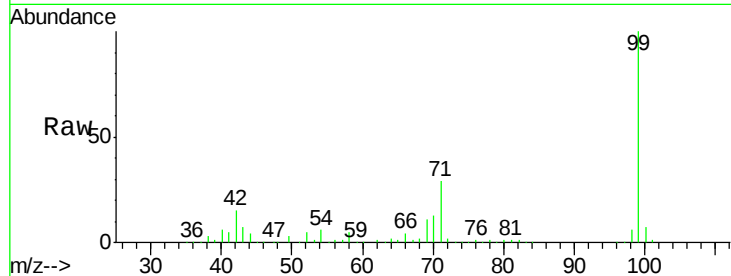
Tgt Ion: 99 Resp: 596657

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

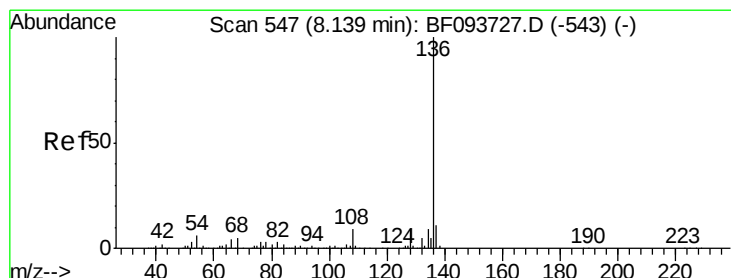
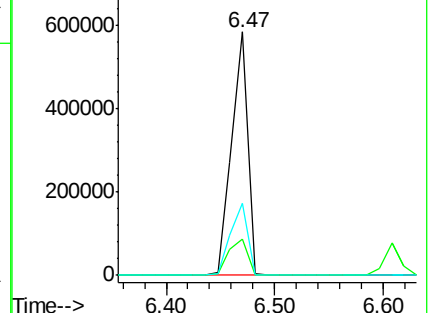
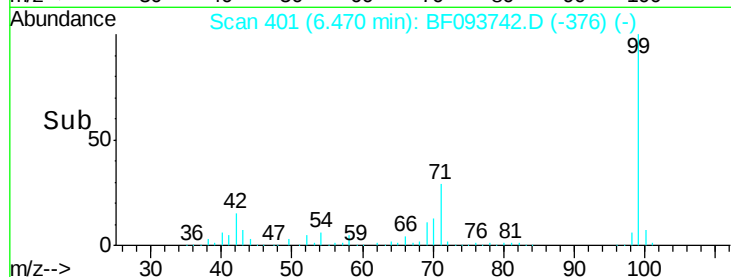
71 29.4 24.5 36.7



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: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

Tgt Ion: 136 Resp: 723176

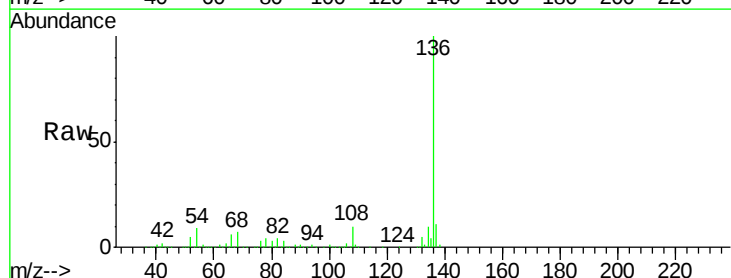
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 9.1 4.9 7.3#

68 7.1 4.1 6.1#

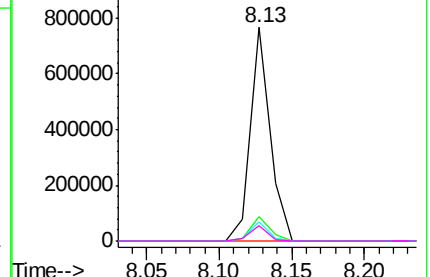
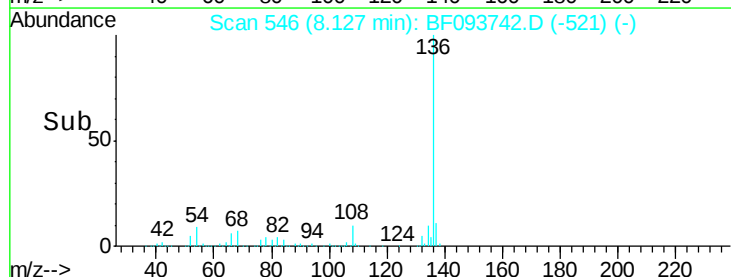


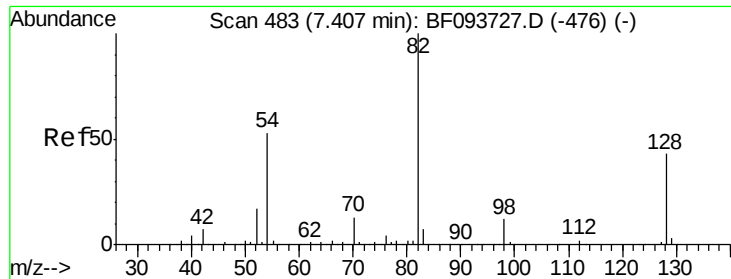
Abundance Ion 136.00 (135.70 to 136.70): E

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

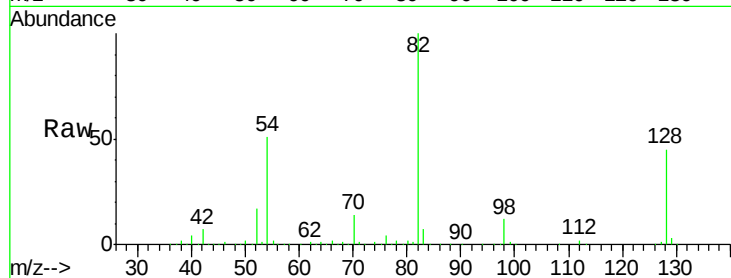




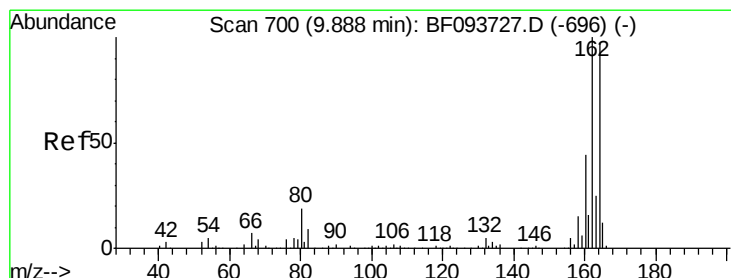
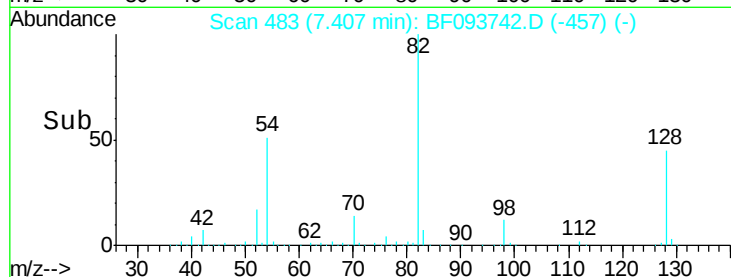
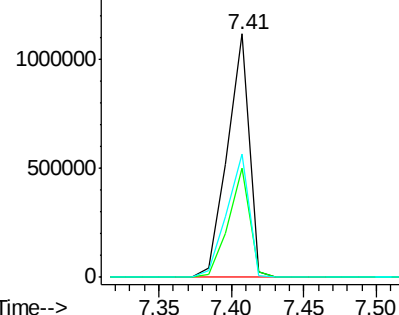
#23
 Nitrobenzene-d5
 Concen: 97.03 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Instrument :
 BNA_F
 ClientSampleId :
 FB-03132017

Tgt Ion: 82 Resp: 1169088
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.0 51.0
 54 50.7 42.2 63.2

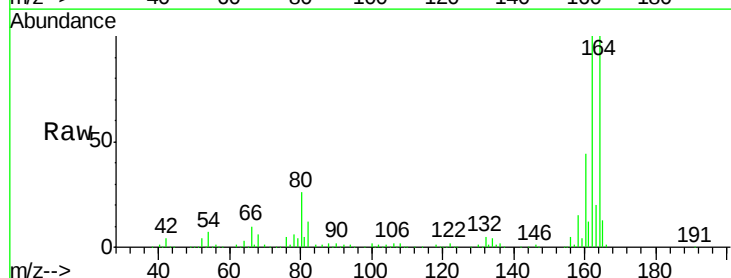


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

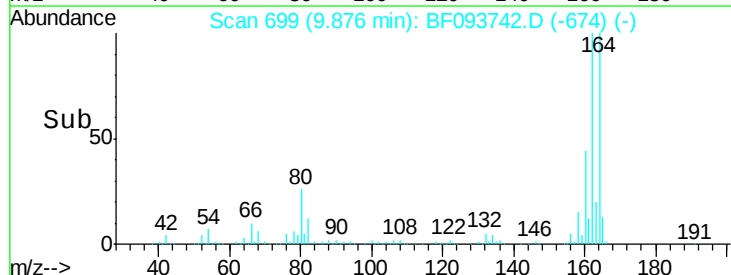
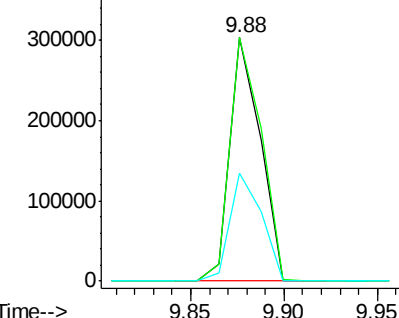


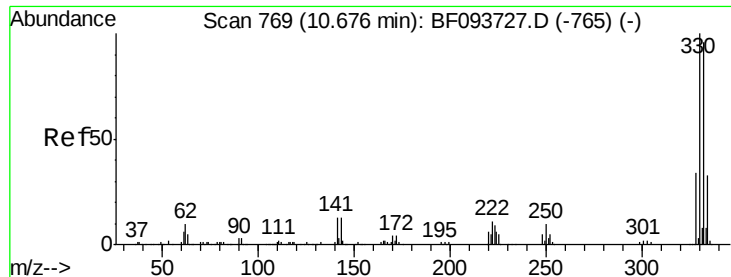
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Tgt Ion: 164 Resp: 344271
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.6 123.8
 160 44.5 36.2 54.2



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

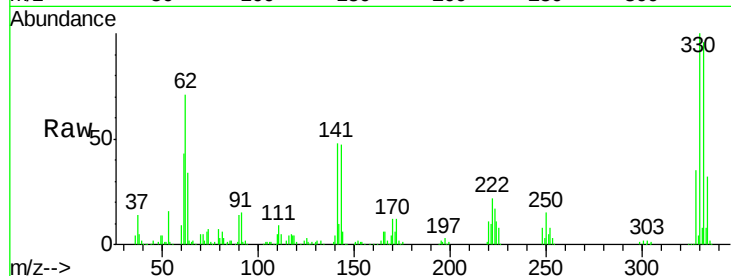




#41
 2,4,6-Tribromophenol
 Concen: 152.57 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Instrument :
 BNA_F
 ClientSampleId :
 FB-03132017

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	42.3	31.4	47.2

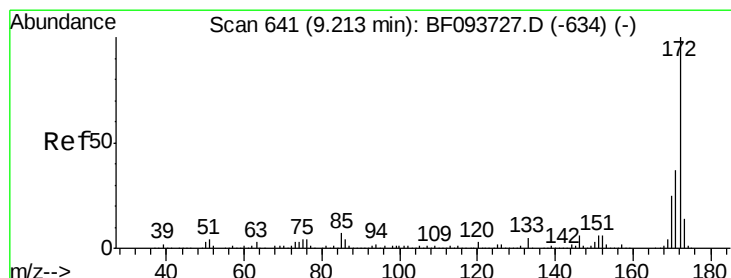
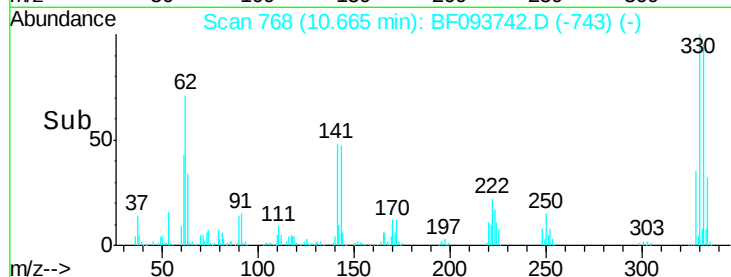
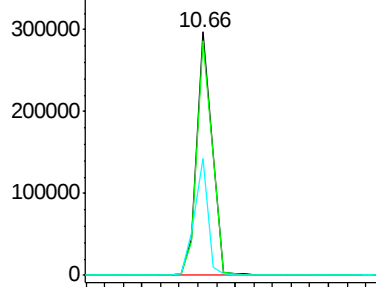


Abundance

Ion 329.80 (329.50 to 330.50): E

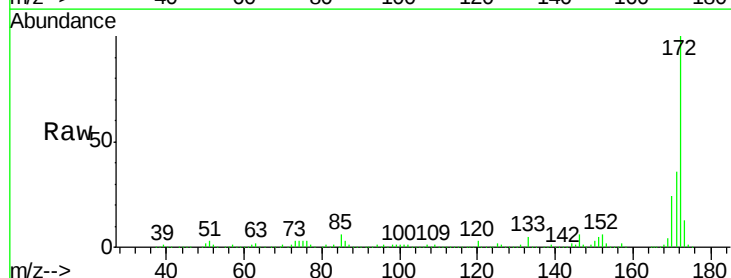
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 115.16 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.5	19.8	29.8

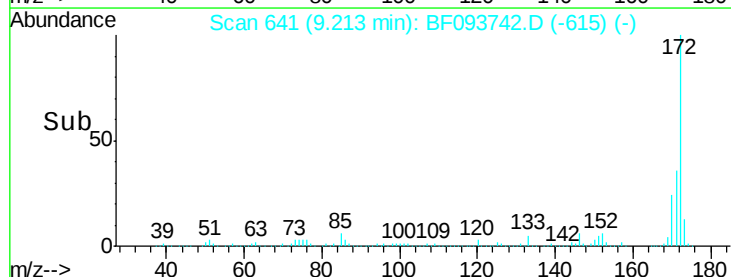
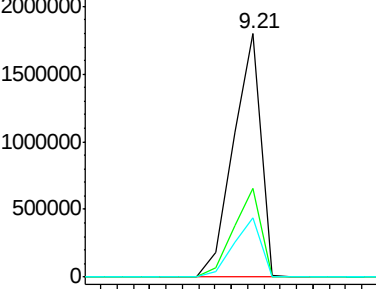


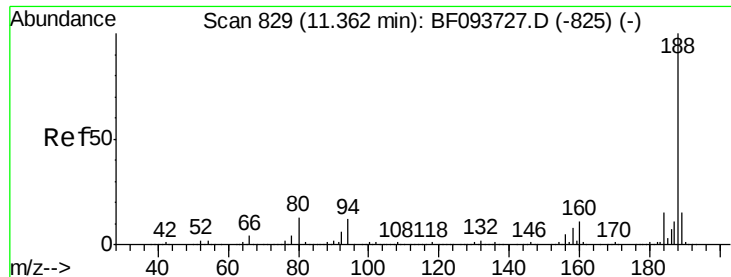
Abundance

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

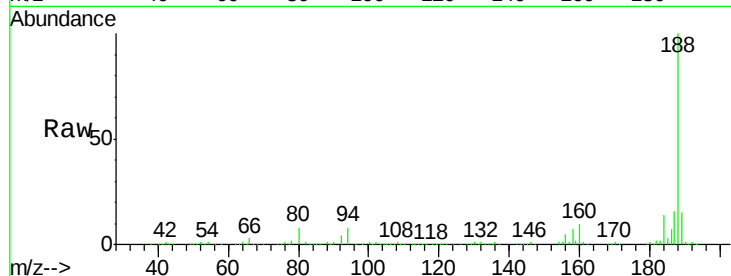




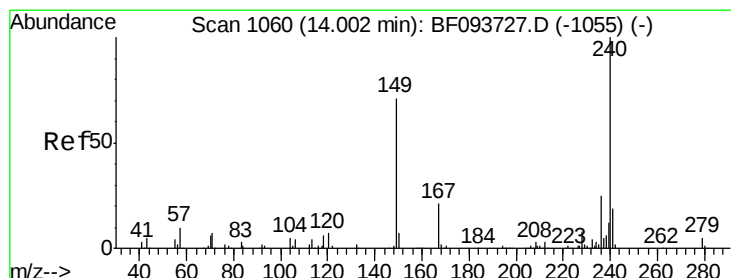
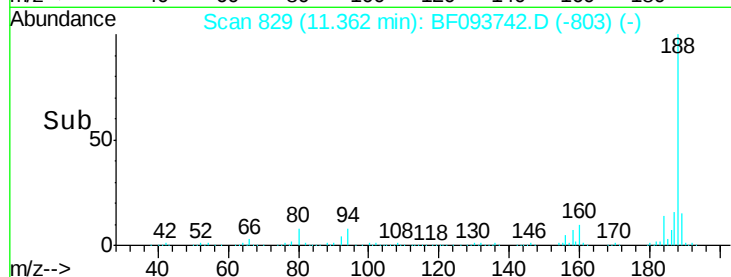
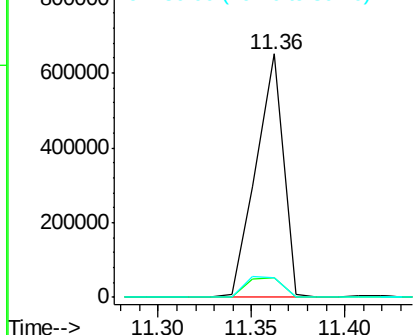
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093742.D
Acq: 18 Mar 2017 9:54

Instrument :
BNA_F
ClientSampleId :
FB-03132017

Tgt Ion:188 Resp: 660540
Ion Ratio Lower Upper
188 100
94 7.9 9.4 14.2#
80 8.1 10.2 15.2#

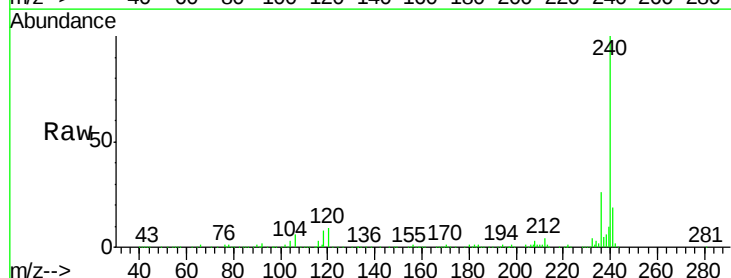


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

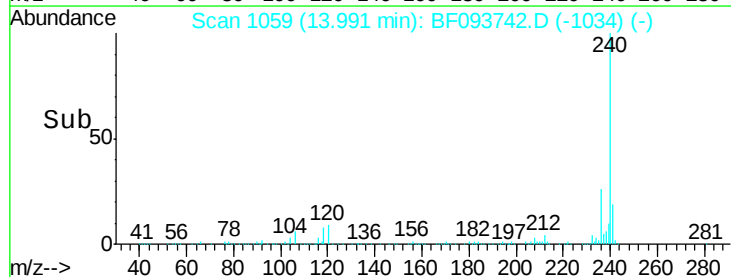
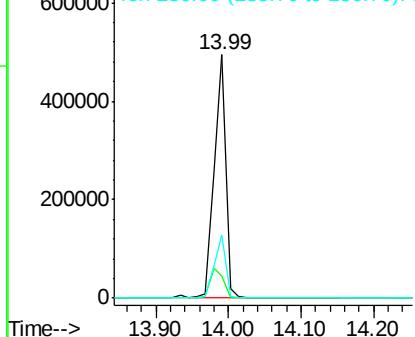


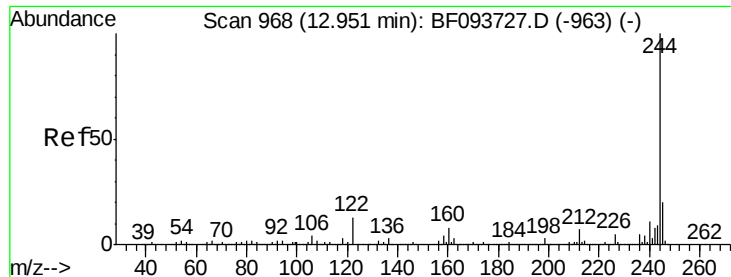
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093742.D
Acq: 18 Mar 2017 9:54

Tgt Ion:240 Resp: 544643
Ion Ratio Lower Upper
240 100
120 9.4 5.8 8.8#
236 25.9 20.5 30.7



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

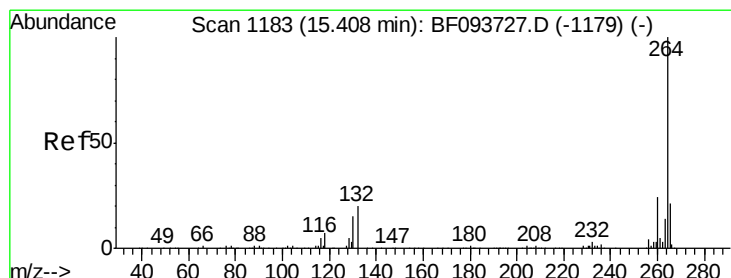
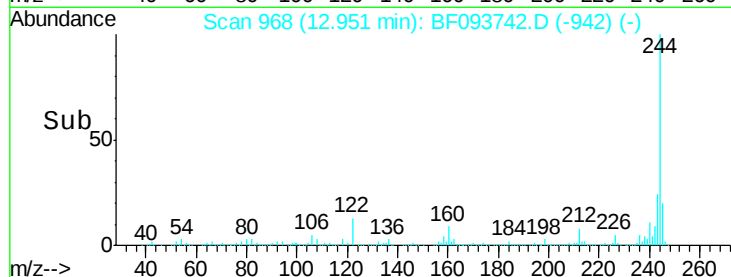
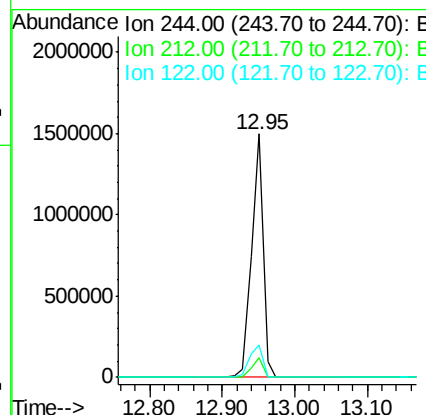
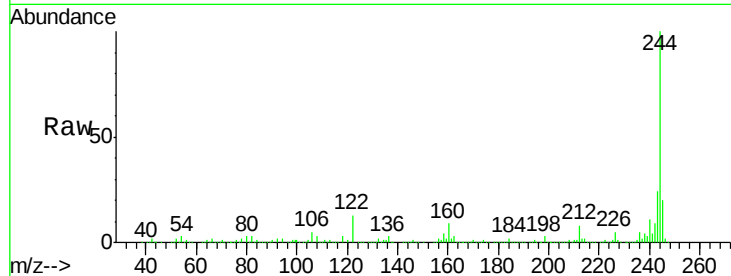




#78
 Terphenyl-d14
 Concen: 65.42 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Instrument :
 BNA_F
 ClientSampleId :
 FB-03132017

Tgt Ion:244 Resp: 1655366
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Tgt Ion:264 Resp: 435437
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.4 17.2 25.8

