

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090528.D
 Acq On : 12 Oct 2016 4:36
 Operator : UM/SJ
 Sample : U4S3S&C
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-03-C

Quant Time: Oct 12 05:54:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

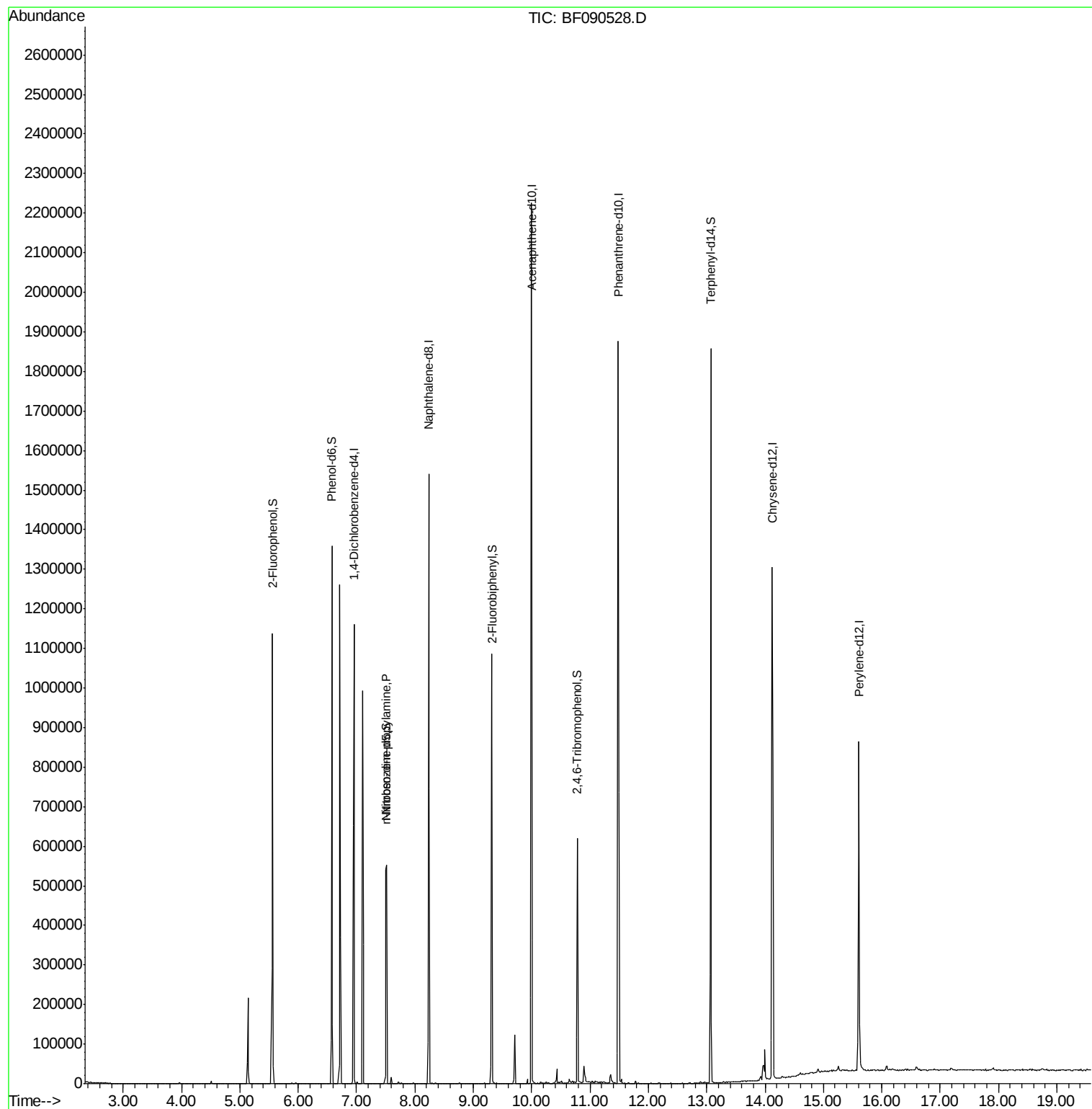
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	216321	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	824829	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	443063	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	718240	20.00	ng	0.00
75) Chrysene-d12	14.12	240	533800	20.00	ng	-0.01
86) Perylene-d12	15.61	264	386662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	303060	21.80	ng	0.00
7) Phenol-d6	6.58	99	425331	24.24	ng	-0.01
23) Nitrobenzene-d5	7.51	82	285436	18.77	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	64924	14.78	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	510029	19.34	ng	0.00
78) Terphenyl-d14	13.07	244	531254	24.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	35942	3.21	ng	Qvalue # 66

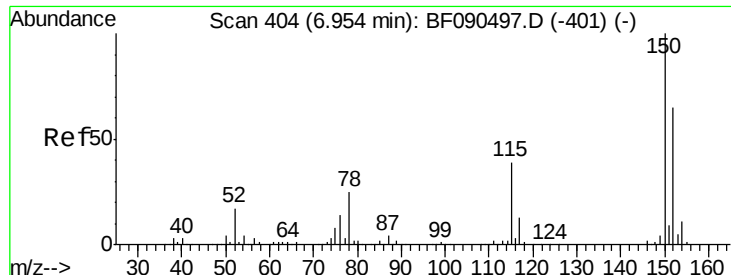
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090528.D

Acq: 12 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

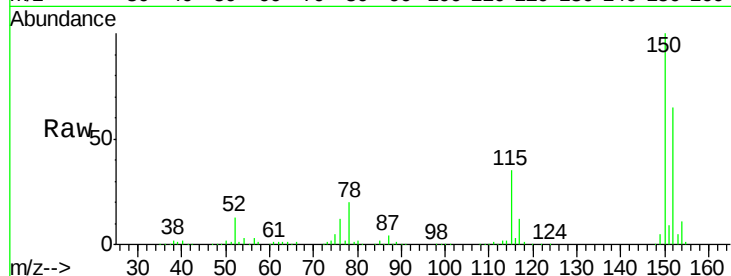
Tgt Ion:152 Resp: 216321

Ion Ratio Lower Upper

152 100

150 154.8 124.6 186.8

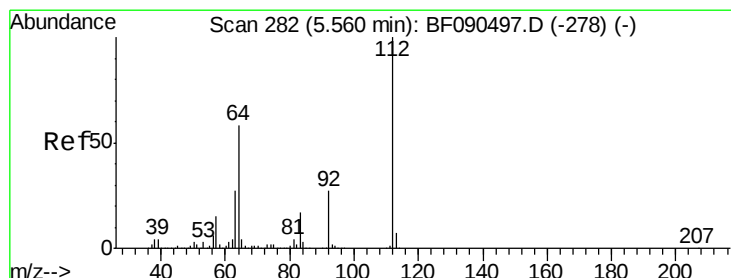
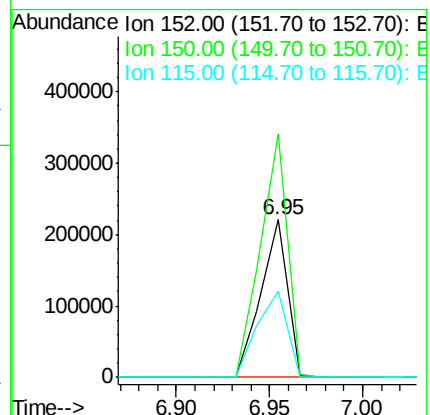
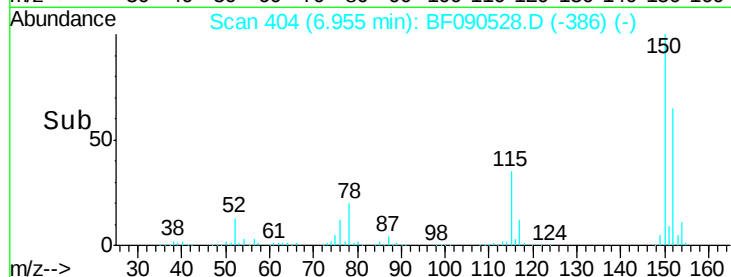
115 54.7 46.2 69.4



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



#5

2-Fluorophenol

Concen: 21.80 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090528.D

Acq: 12 Oct 2016 4:36

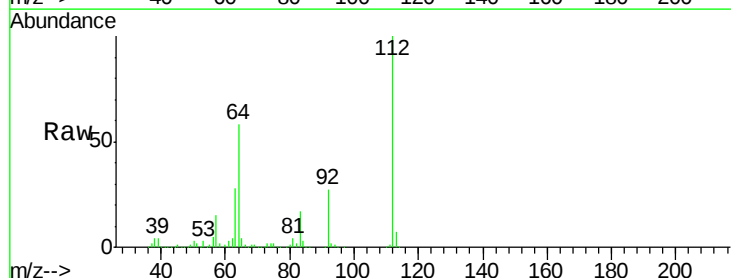
Tgt Ion:112 Resp: 303060

Ion Ratio Lower Upper

112 100

64 58.3 57.9 86.9

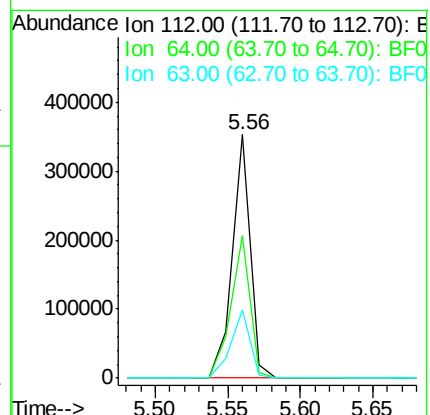
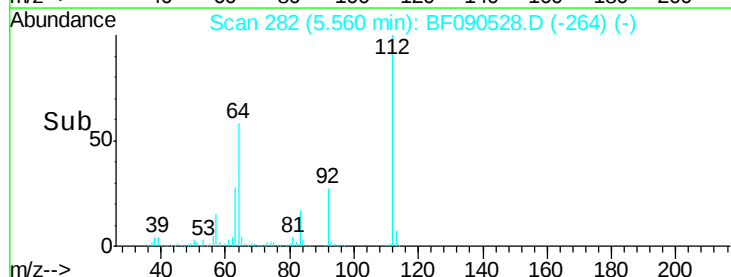
63 28.0 29.6 44.4#

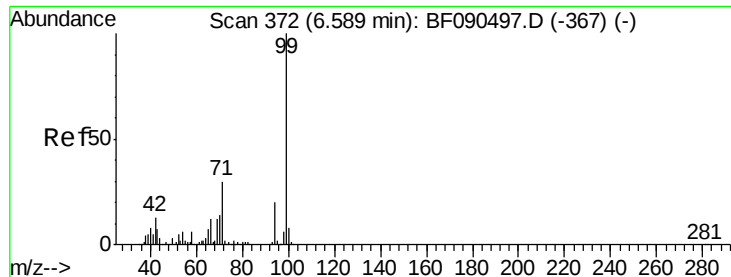


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.24 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090528.D

Acq: 12 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

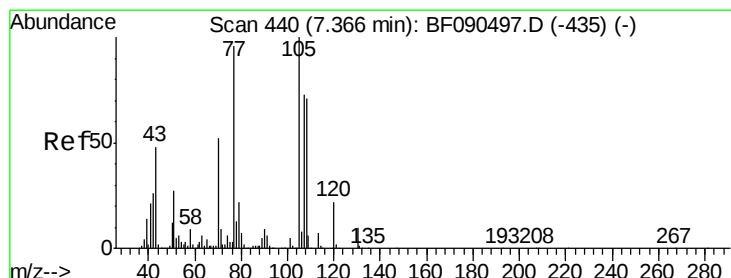
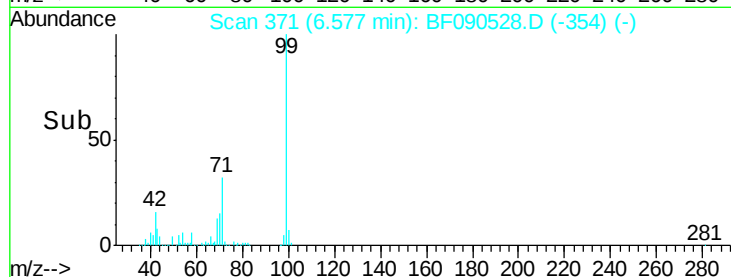
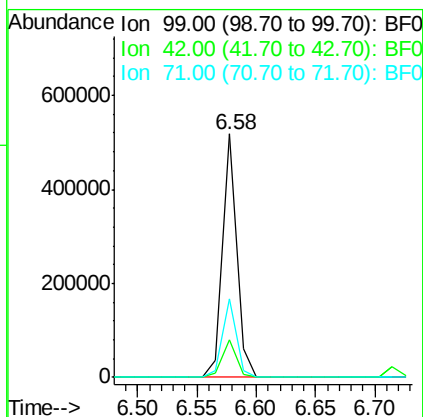
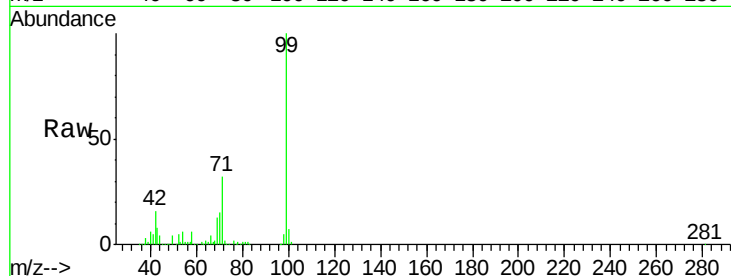
Tgt Ion: 99 Resp: 425331

Ion Ratio Lower Upper

99 100

42 15.6 20.0 30.0#

71 32.4 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 3.21 ng

RT: 7.50 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF090528.D

Acq: 12 Oct 2016 4:36

Tgt Ion: 70 Resp: 35942

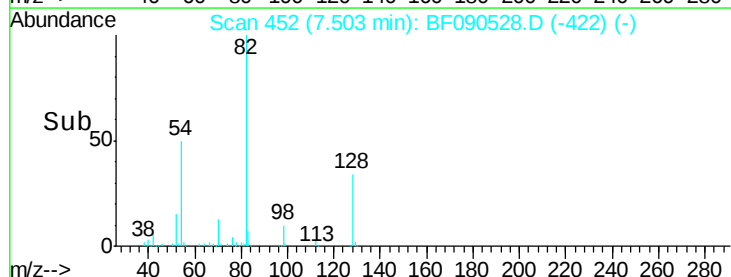
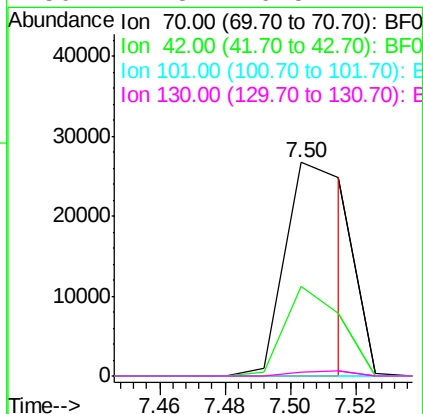
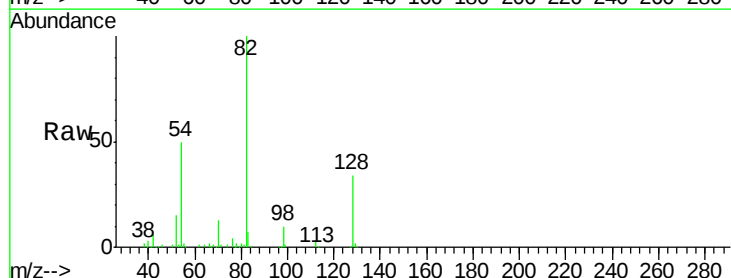
Ion Ratio Lower Upper

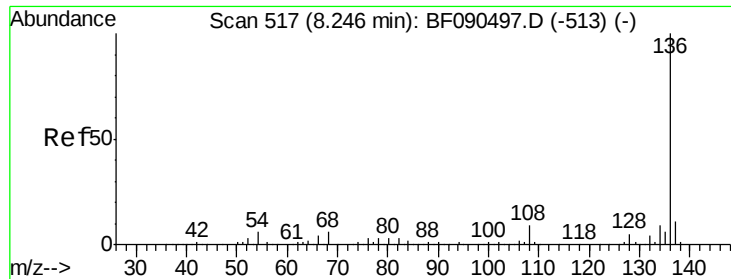
70 100

42 42.3 55.4 83.2#

101 0.0 7.6 11.4#

130 1.8 16.5 24.7#

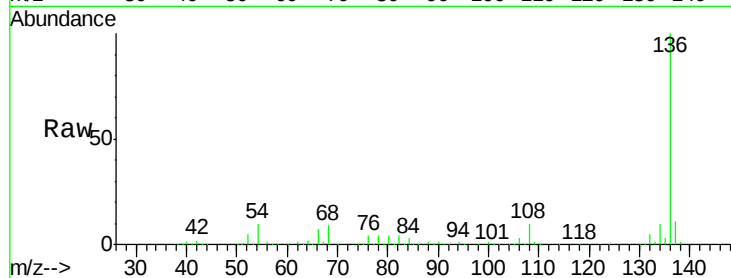




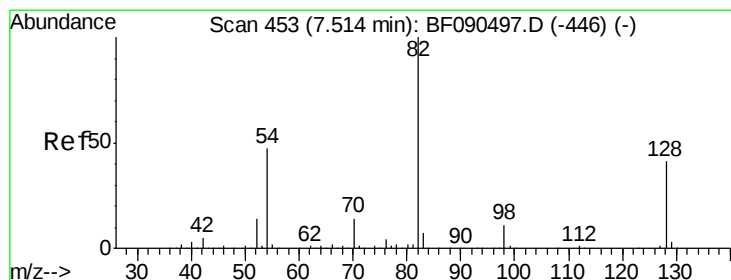
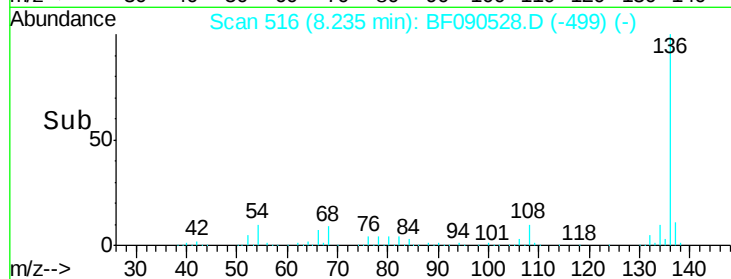
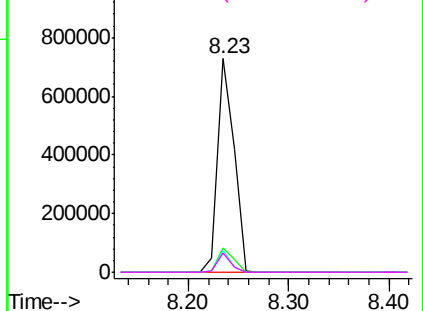
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090528.D
Acq: 12 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-03-C

Tgt Ion:	136	Resp:	824829
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	10.1	6.6	10.0#
68	8.9	5.0	7.6#

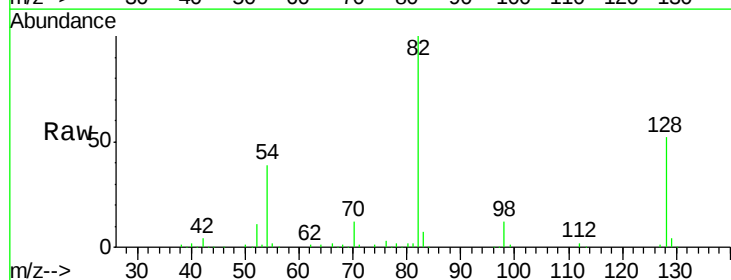


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

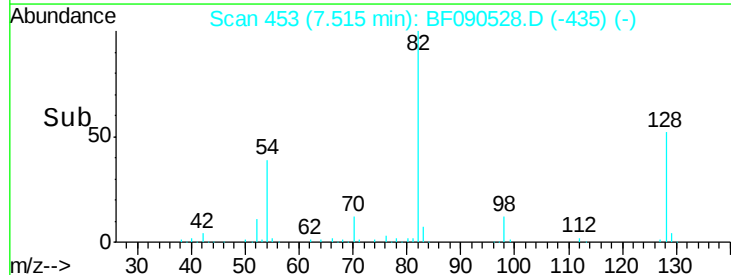
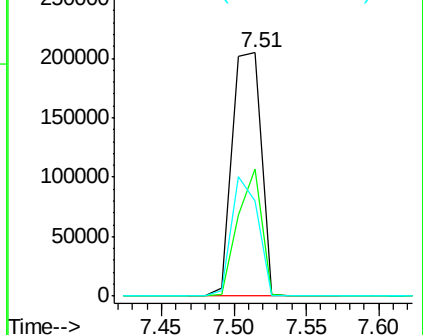


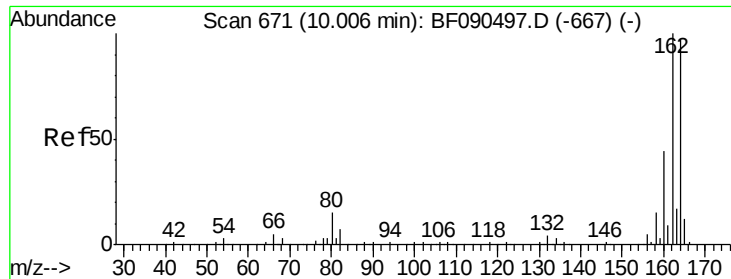
#23
Nitrobenzene-d5
Concen: 18.77 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090528.D
Acq: 12 Oct 2016 4:36

Tgt Ion:	82	Resp:	285436
Ion Ratio	Lower	Upper	
82	100		
128	52.2	40.0	60.0
54	39.2	42.6	64.0#



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

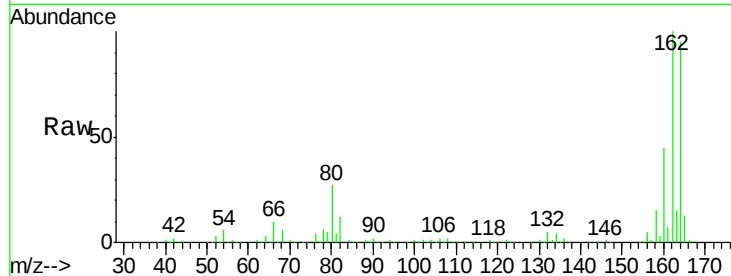




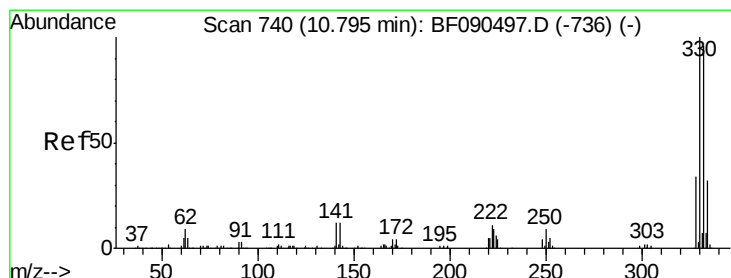
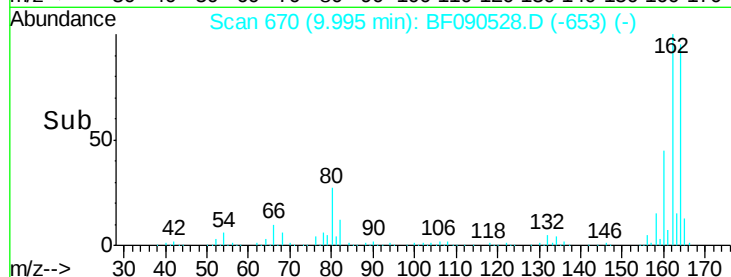
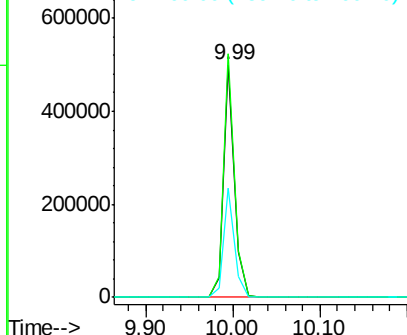
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090528.D
 Acq: 12 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-03-C

Tgt Ion:164 Resp: 443063
 Ion Ratio Lower Upper
 164 100
 162 104.7 80.1 120.1
 160 46.8 36.3 54.5

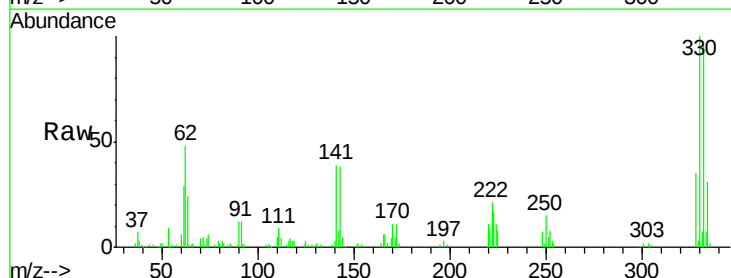


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

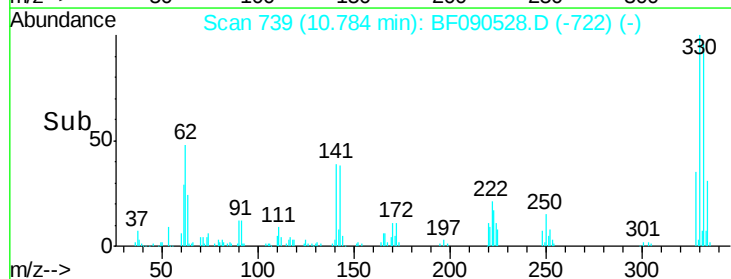
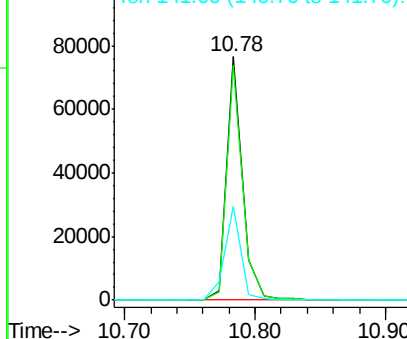


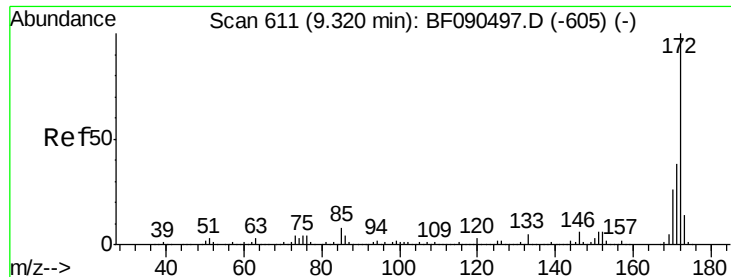
#41
 2,4,6-Tribromophenol
 Concen: 14.78 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090528.D
 Acq: 12 Oct 2016 4:36

Tgt Ion:330 Resp: 64924
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 39.7 26.9 40.3



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

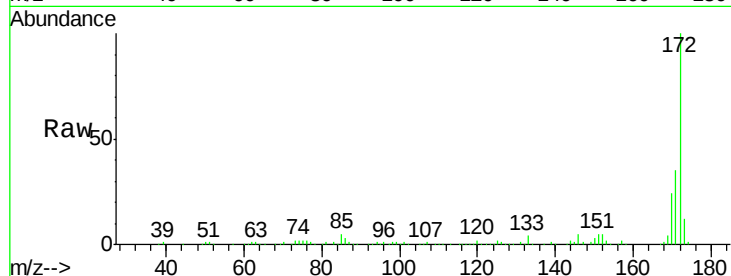




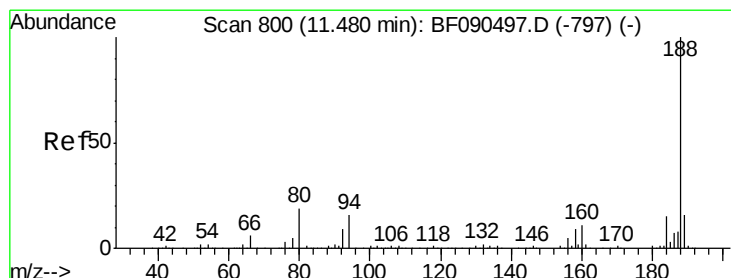
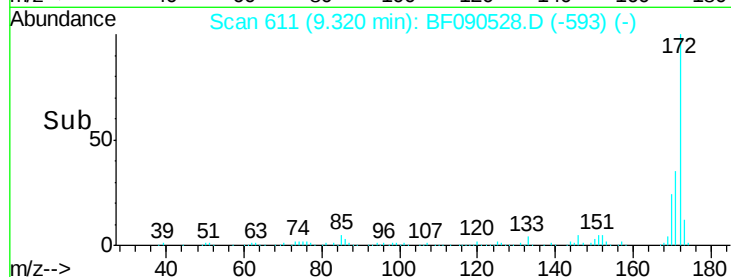
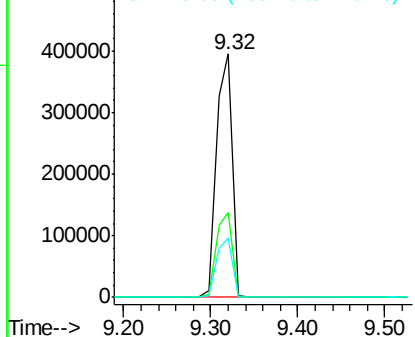
#44
 2-Fluorobiphenyl
 Concen: 19.34 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090528.D
 Acq: 12 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-03-C

Tgt Ion:172 Resp: 510029
 Ion Ratio Lower Upper
 172 100
 171 35.1 31.8 47.8
 170 24.1 21.7 32.5

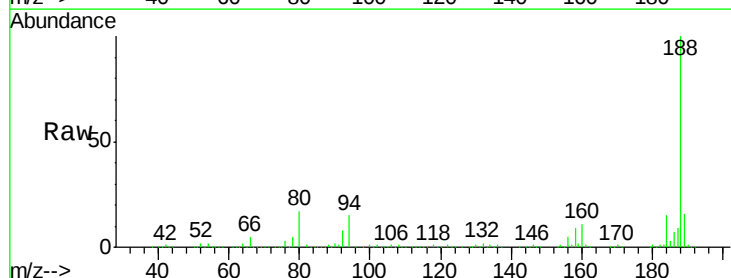


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

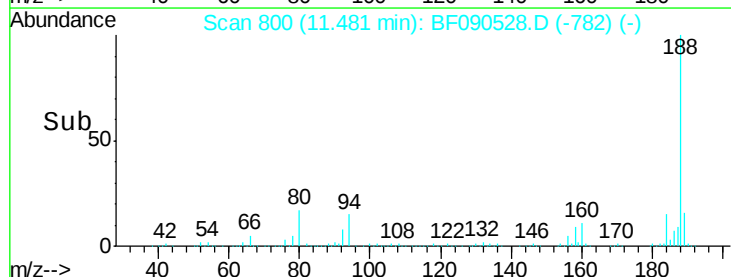
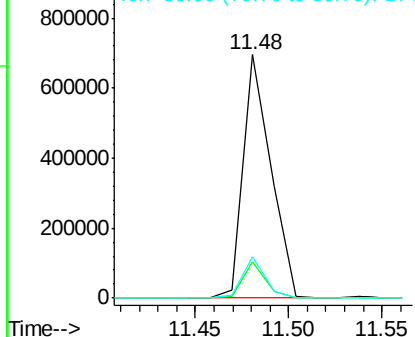


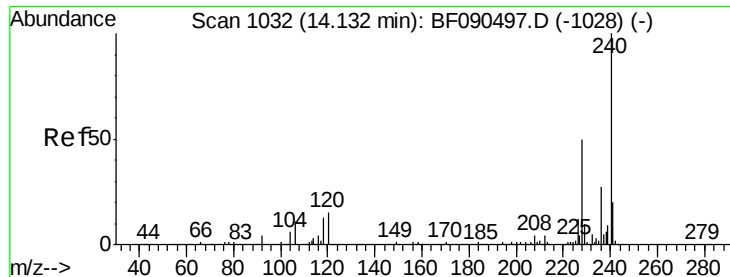
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF090528.D
 Acq: 12 Oct 2016 4:36

Tgt Ion:188 Resp: 718240
 Ion Ratio Lower Upper
 188 100
 94 14.9 8.2 12.2#
 80 17.1 8.8 13.2#



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: 14.12 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF090528.D

Acq: 12 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

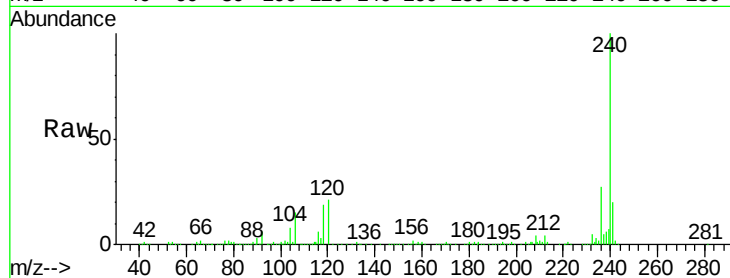
Tgt Ion:240 Resp: 533800

Ion Ratio Lower Upper

240 100

120 21.2 8.6 13.0#

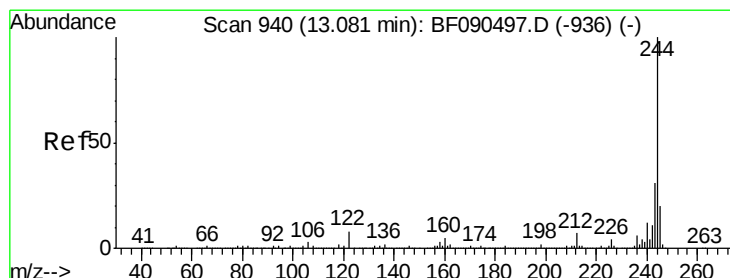
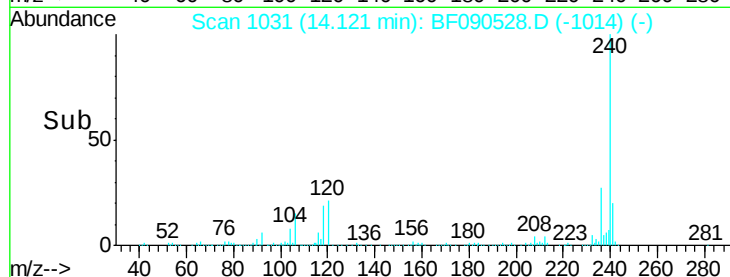
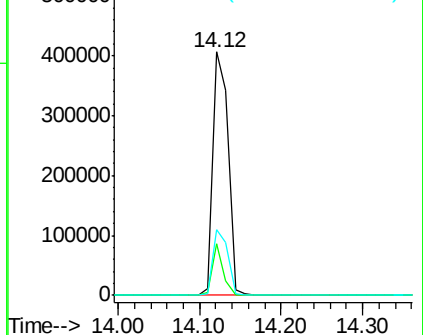
236 26.9 21.6 32.4



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: 24.32 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090528.D

Acq: 12 Oct 2016 4:36

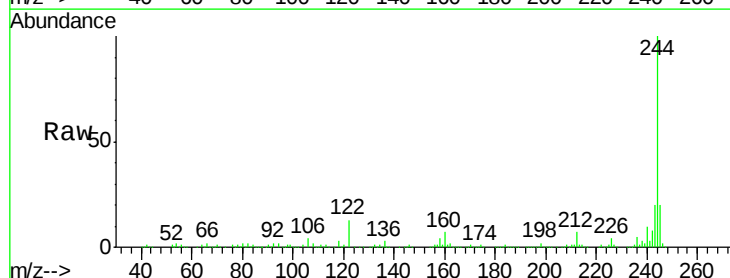
Tgt Ion:244 Resp: 531254

Ion Ratio Lower Upper

244 100

212 6.8 6.8 10.2#

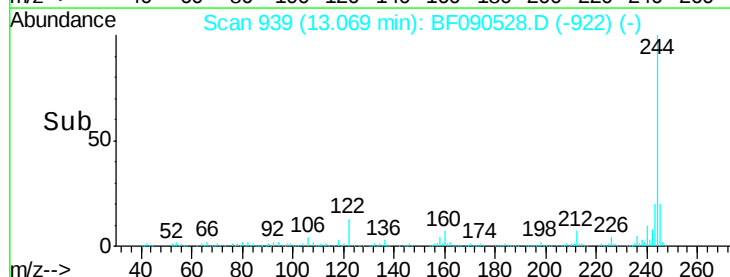
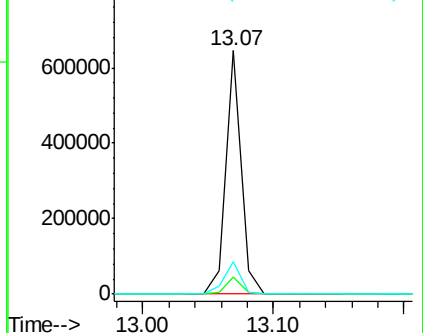
122 13.1 13.3 19.9#

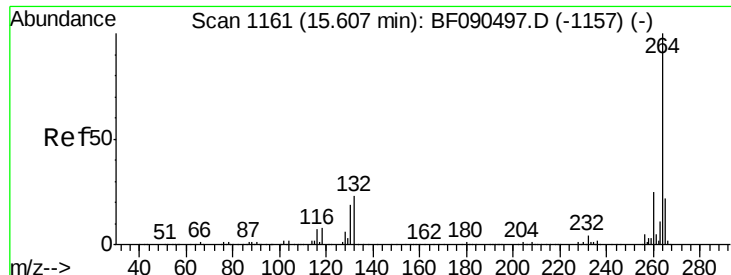


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

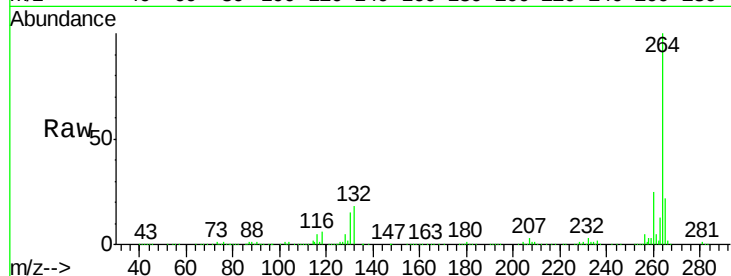




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090528.D
Acq: 12 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-03-C

Tgt Ion: 264 Resp: 386662
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 21.9 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

