

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091328.D
 Acq On : 29 Nov 2016 15:44
 Operator : UM/SJ
 Sample : PB94895BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94895BL

Quant Time: Nov 29 16:32:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	173196	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	741020	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	396239	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	732168	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	569805	20.00	ng	-0.03
86) Perylene-d12	15.44	264	402780	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1357204	128.01	ng	0.00
7) Phenol-d6	6.49	99	1478828	113.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	1025671	77.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	416230	110.96	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1780736	81.37	ng	-0.02
78) Terphenyl-d14	12.97	244	1872576	71.43	ng	-0.02

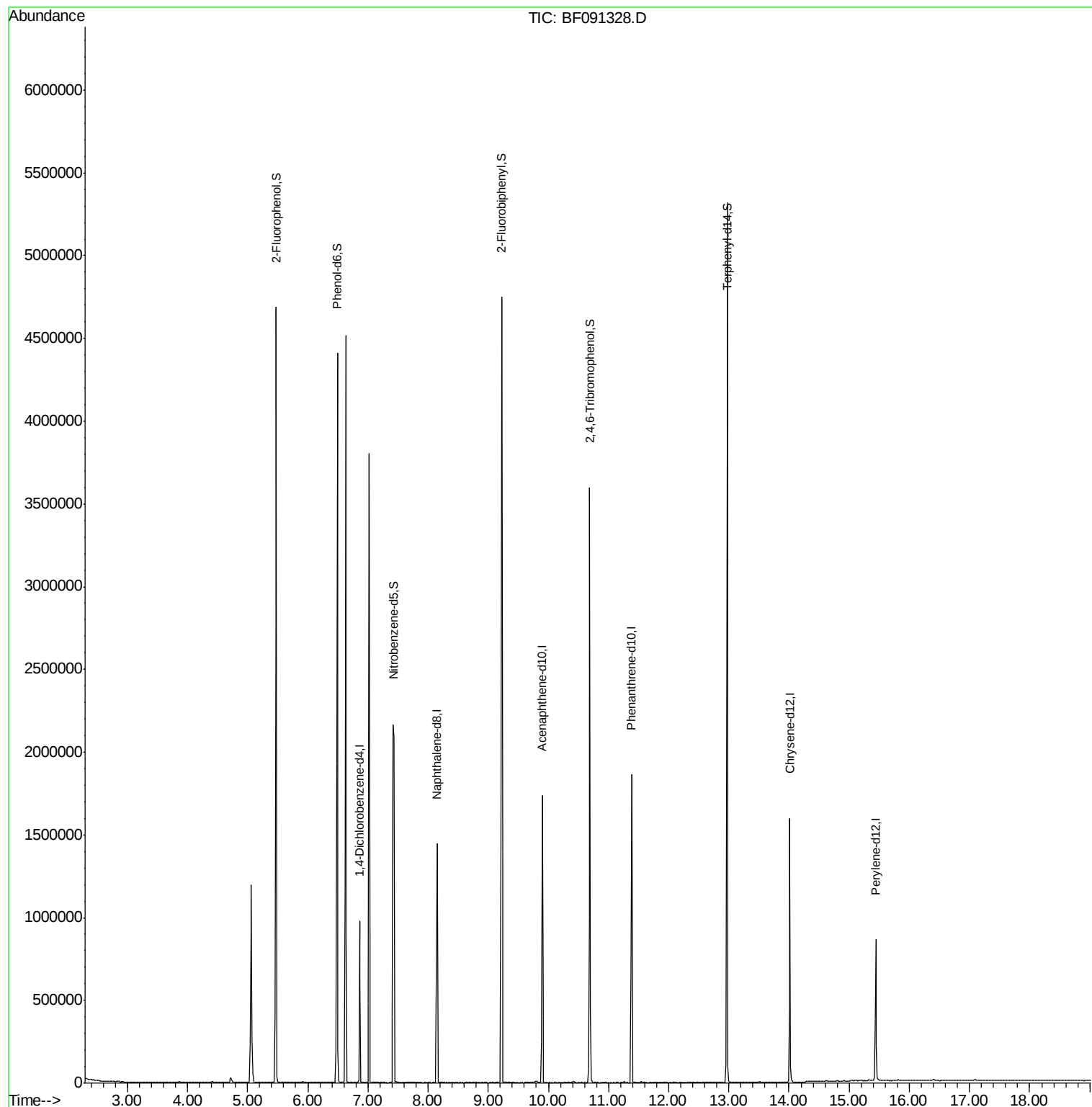
Target Compounds	Qvalue
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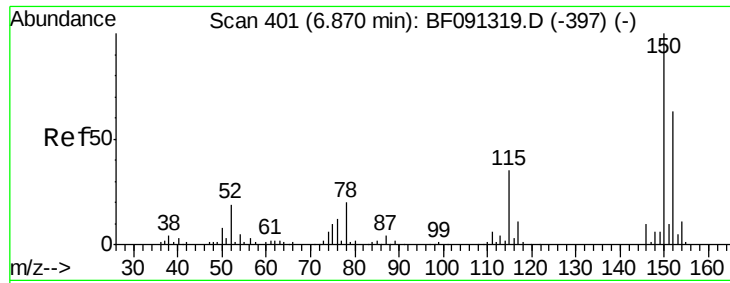
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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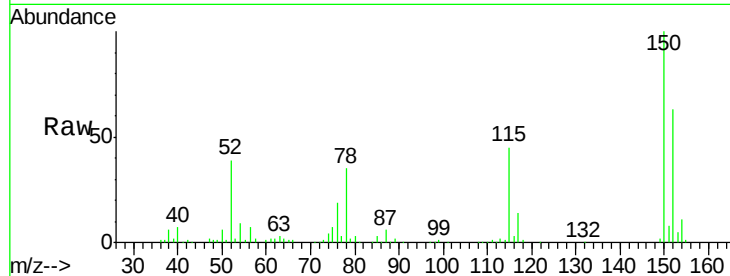


#1

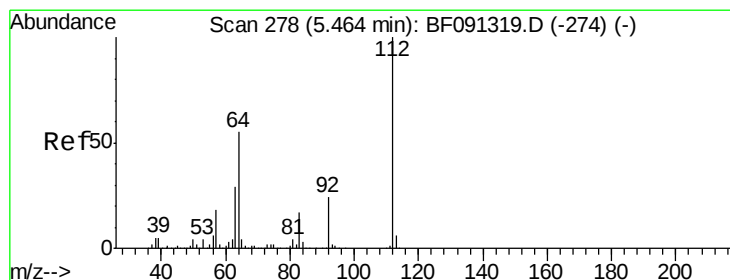
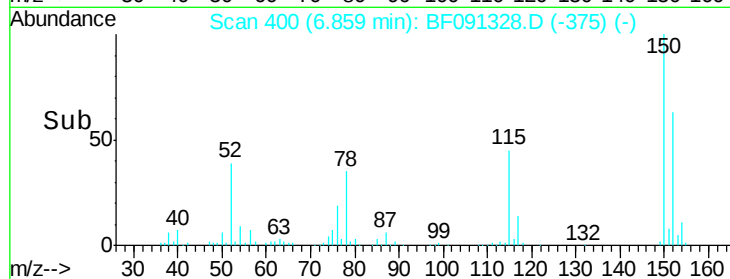
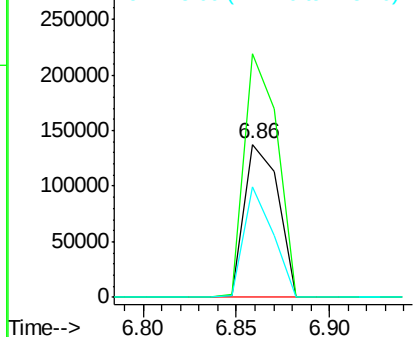
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091328.D
Acq: 29 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94895BL

Tgt Ion:152 Resp: 173196
Ion Ratio Lower Upper
152 100
150 159.2 122.5 183.7
115 72.1 51.8 77.8



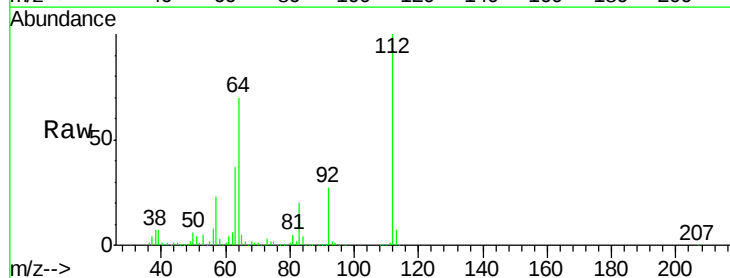
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



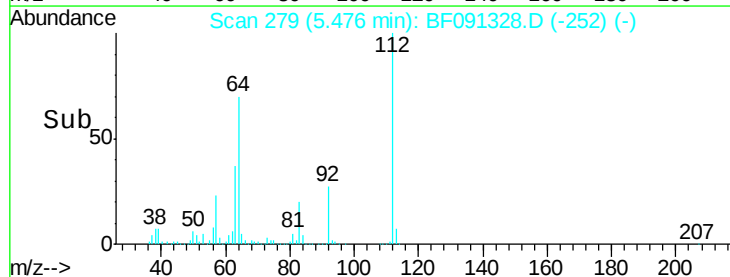
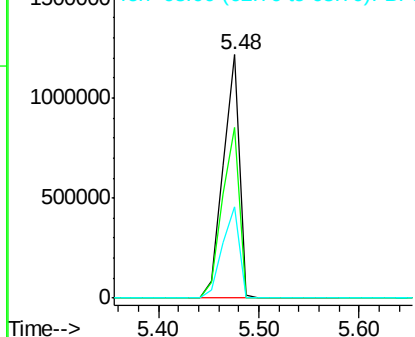
#5

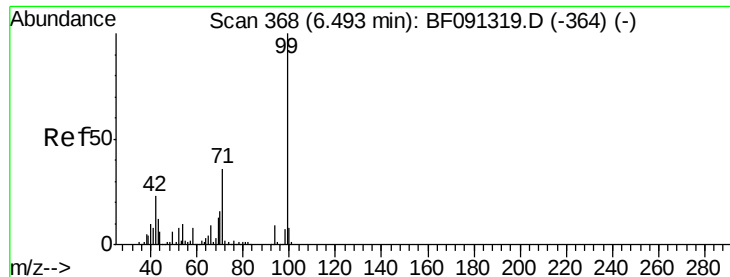
2-Fluorophenol
Concen: 128.01 ng
RT: 5.48 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF091328.D
Acq: 29 Nov 2016 15:44

Tgt Ion:112 Resp: 1357204
Ion Ratio Lower Upper
112 100
64 70.0 61.5 92.3
63 37.5 33.3 49.9



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: 113.31 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091328.D

Acq: 29 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

PB94895BL

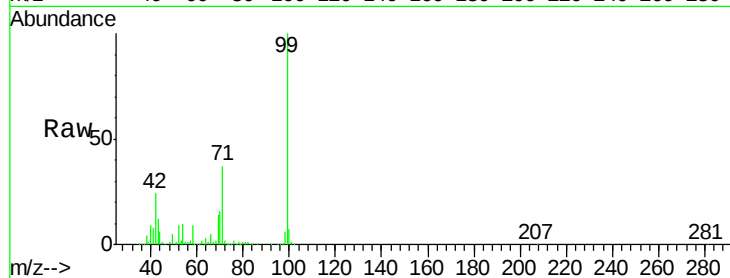
Tgt Ion: 99 Resp: 1478828

Ion Ratio Lower Upper

99 100

42 24.3 20.6 31.0

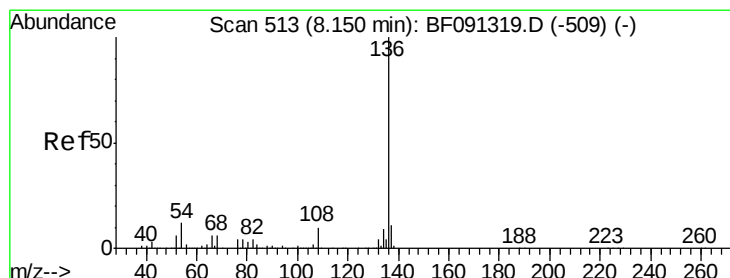
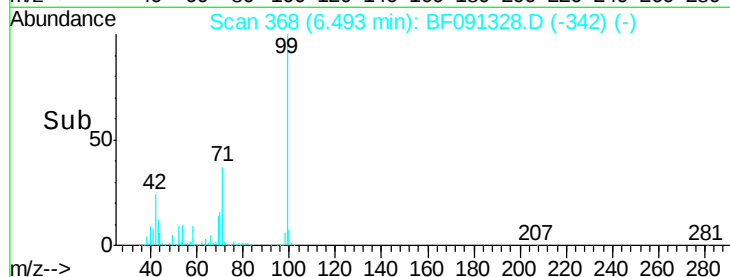
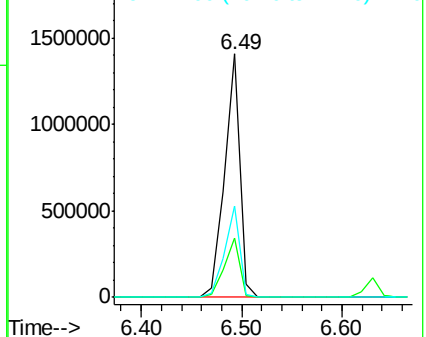
71 37.4 29.9 44.9



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: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091328.D

Acq: 29 Nov 2016 15:44

Tgt Ion: 136 Resp: 741020

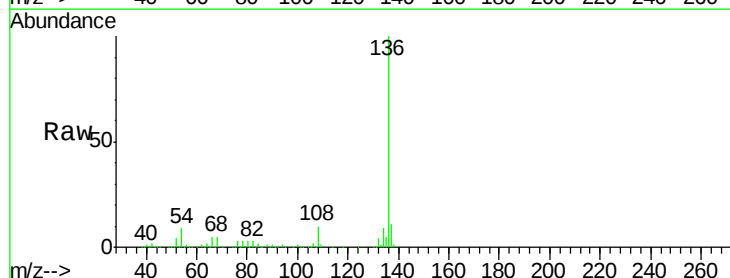
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.3 9.1 13.7

68 4.8 5.9 8.9#

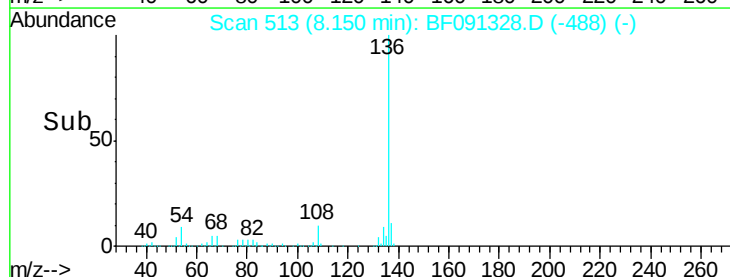
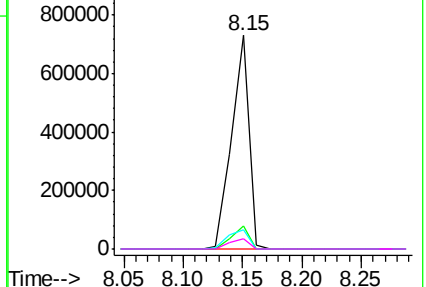


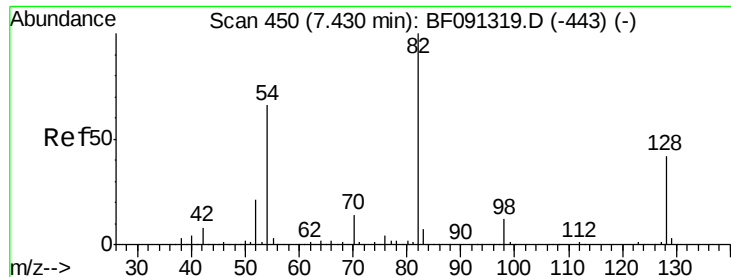
Abundance Ion 136.00 (135.70 to 136.70): E

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

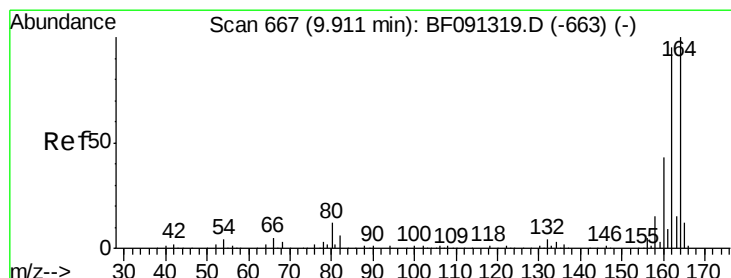
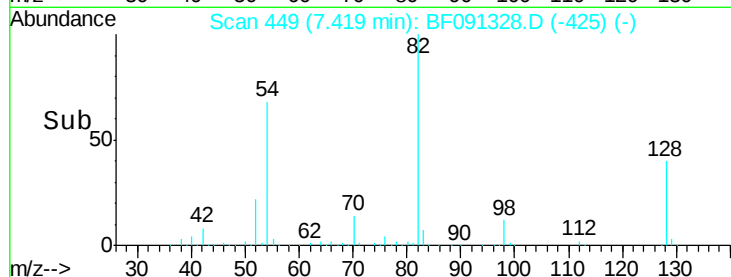
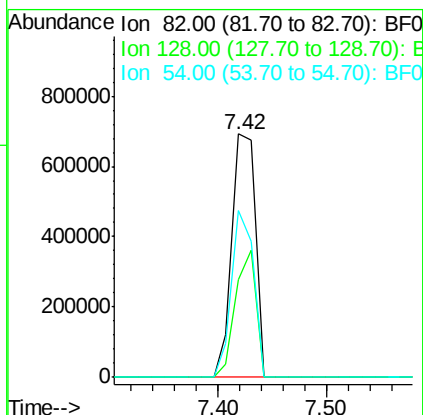
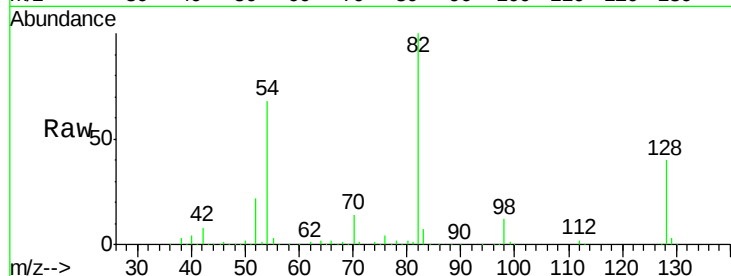




#23
 Nitrobenzene-d5
 Concen: 77.57 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF091328.D
 Acq: 29 Nov 2016 15:44

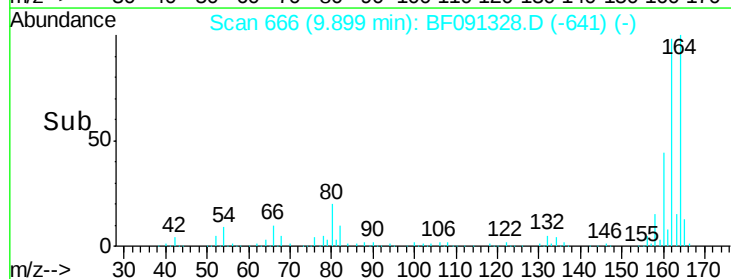
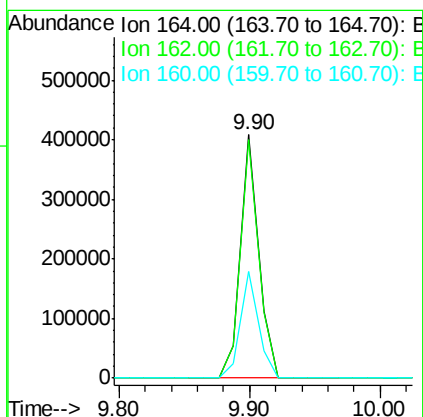
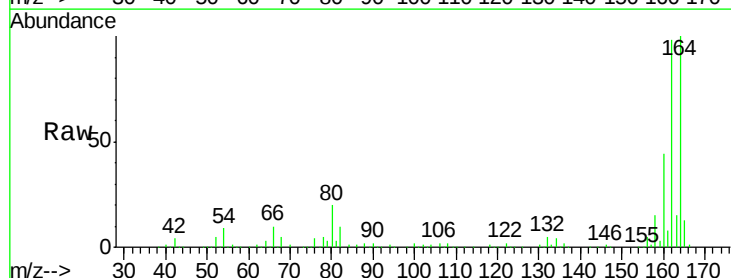
Instrument :
 BNA_F
 ClientSampleId :
 PB94895BL

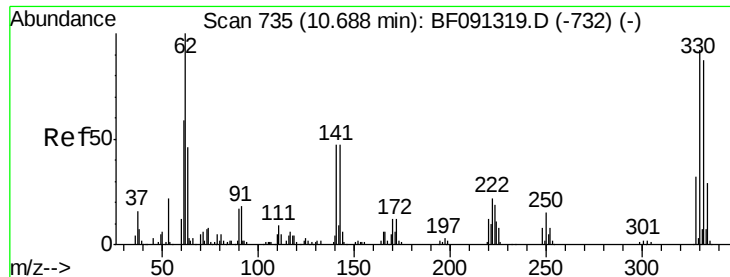
Tgt Ion: 82 Resp: 1025671
 Ion Ratio Lower Upper
 82 100
 128 39.9 31.8 47.6
 54 68.5 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091328.D
 Acq: 29 Nov 2016 15:44

Tgt Ion: 164 Resp: 396239
 Ion Ratio Lower Upper
 164 100
 162 97.8 82.6 124.0
 160 43.6 36.7 55.1

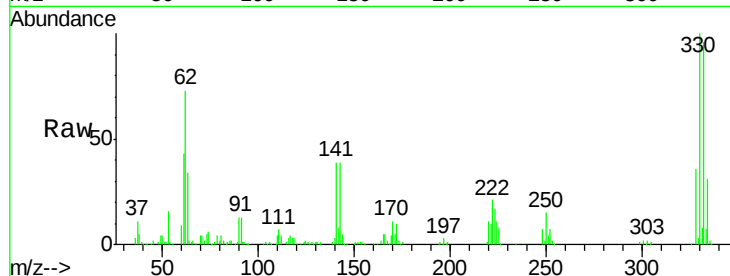




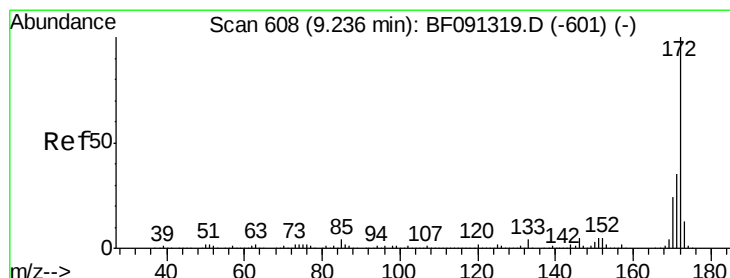
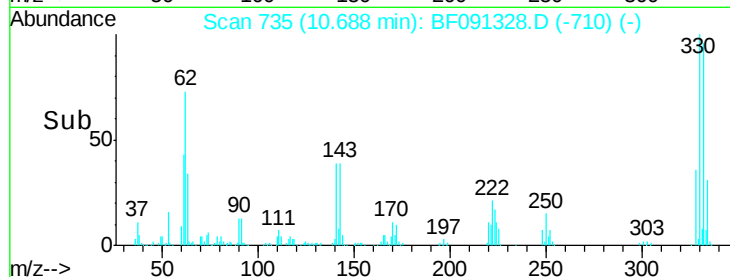
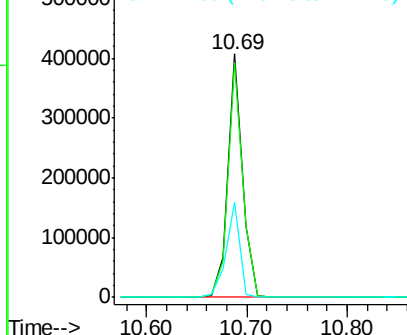
#41
 2,4,6-Tribromophenol
 Concen: 110.96 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091328.D
 Acq: 29 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampled :
 PB94895BL

Tgt Ion:330 Resp: 416230
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 36.0 33.6 50.4

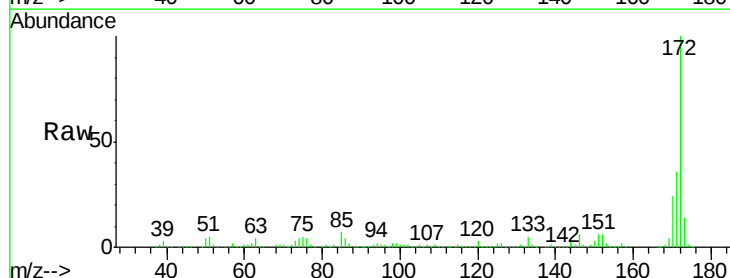


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

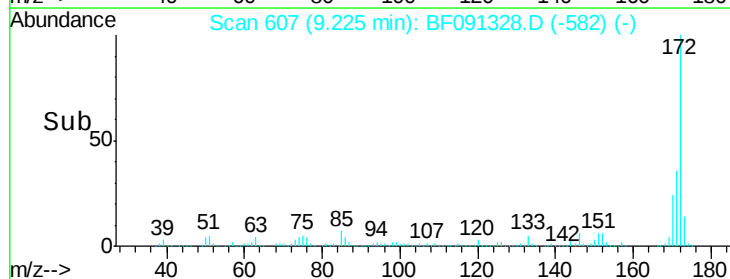
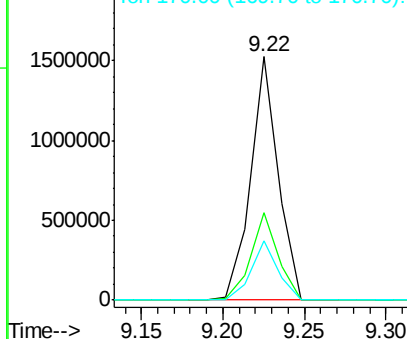


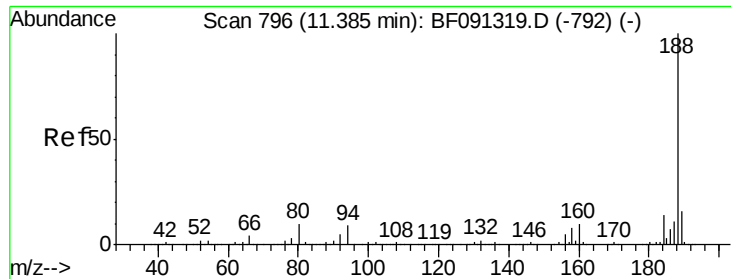
#44
 2-Fluorobiphenyl
 Concen: 81.37 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091328.D
 Acq: 29 Nov 2016 15:44

Tgt Ion:172 Resp: 1780736
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 19.7 29.5



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

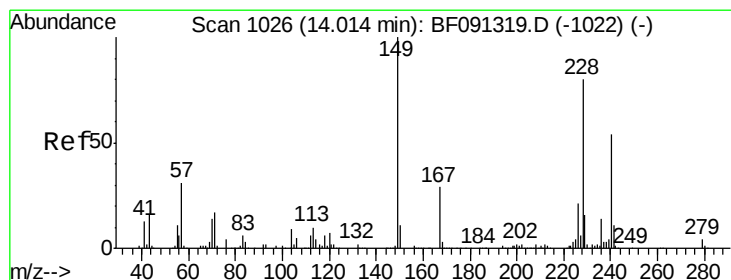
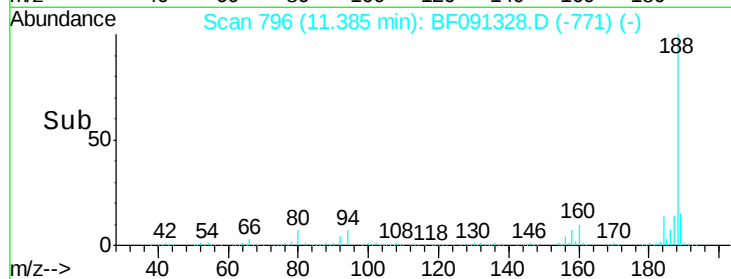
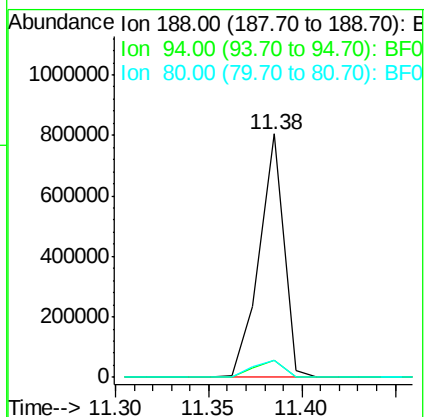
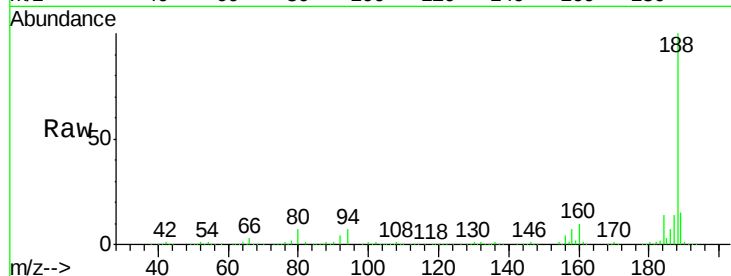




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091328.D
Acq: 29 Nov 2016 15:44

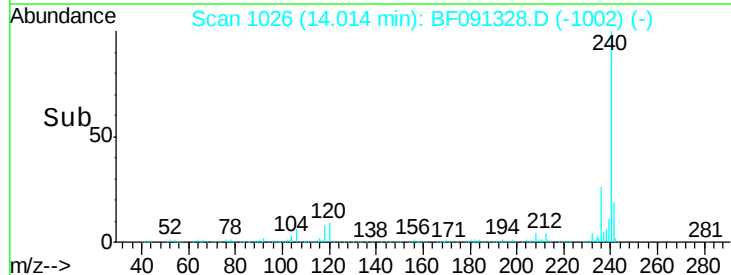
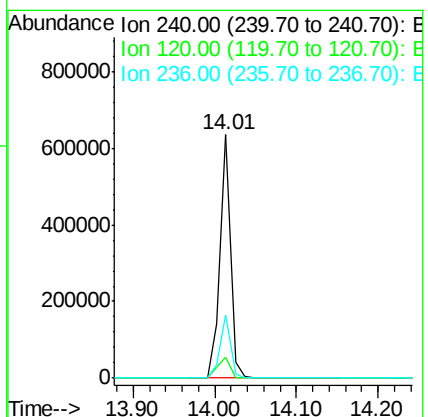
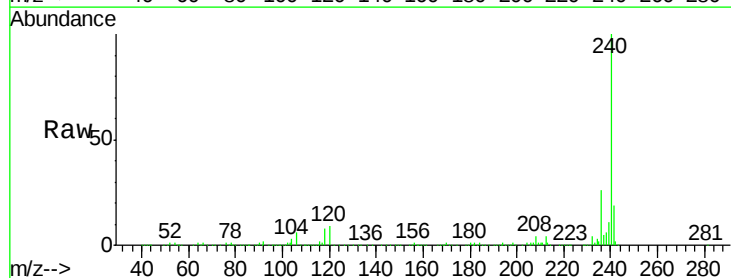
Instrument :
BNA_F
ClientSampled :
PB94895BL

Tgt Ion:188 Resp: 732168
Ion Ratio Lower Upper
188 100
94 6.9 9.2 13.8#
80 7.0 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091328.D
Acq: 29 Nov 2016 15:44

Tgt Ion:240 Resp: 569805
Ion Ratio Lower Upper
240 100
120 8.6 12.1 18.1#
236 25.7 21.0 31.6

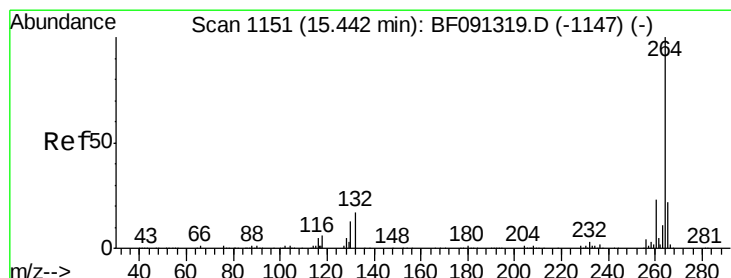
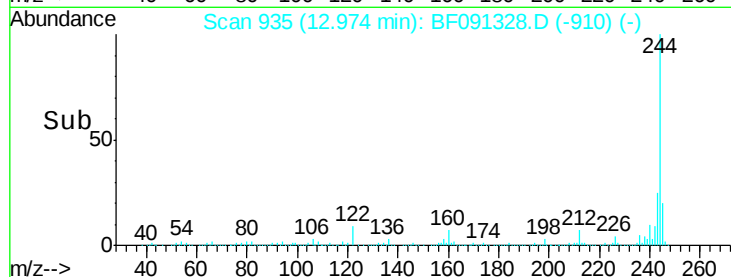
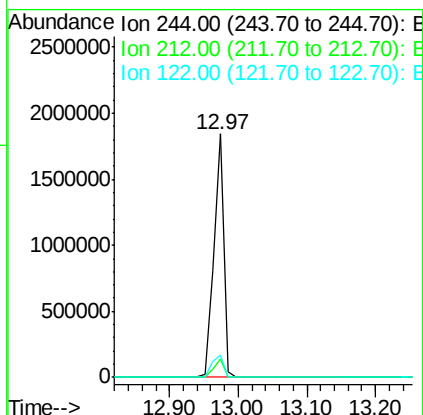
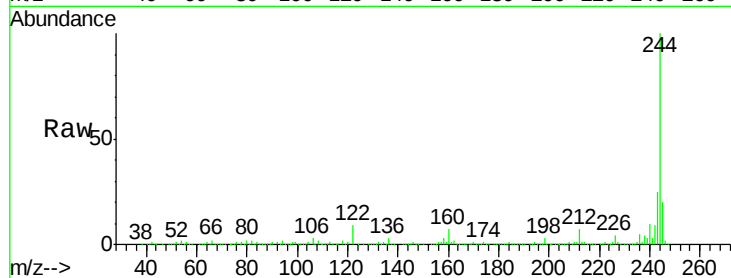




#78
 Terphenyl-d14
 Concen: 71.43 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091328.D
 Acq: 29 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94895BL

Tgt Ion:244 Resp: 1872576
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 9.2 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091328.D
 Acq: 29 Nov 2016 15:44

Tgt Ion:264 Resp: 402780
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.4 17.0 25.6

