

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091345.D
 Acq On : 30 Nov 2016 10:59
 Operator : UM/SJ
 Sample : PB94951BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BL

Quant Time: Nov 30 17:49:12 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	162492	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	693700	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	377007	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	665703	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	519632	20.00	ng	-0.03
86) Perylene-d12	15.44	264	365908	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	600478	60.37	ng	0.00
7) Phenol-d6	6.48	99	722876	59.04	ng	-0.02
23) Nitrobenzene-d5	7.42	82	830105	67.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	229857	64.40	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1497052	71.90	ng	-0.02
78) Terphenyl-d14	12.97	244	1745583	73.01	ng	-0.02

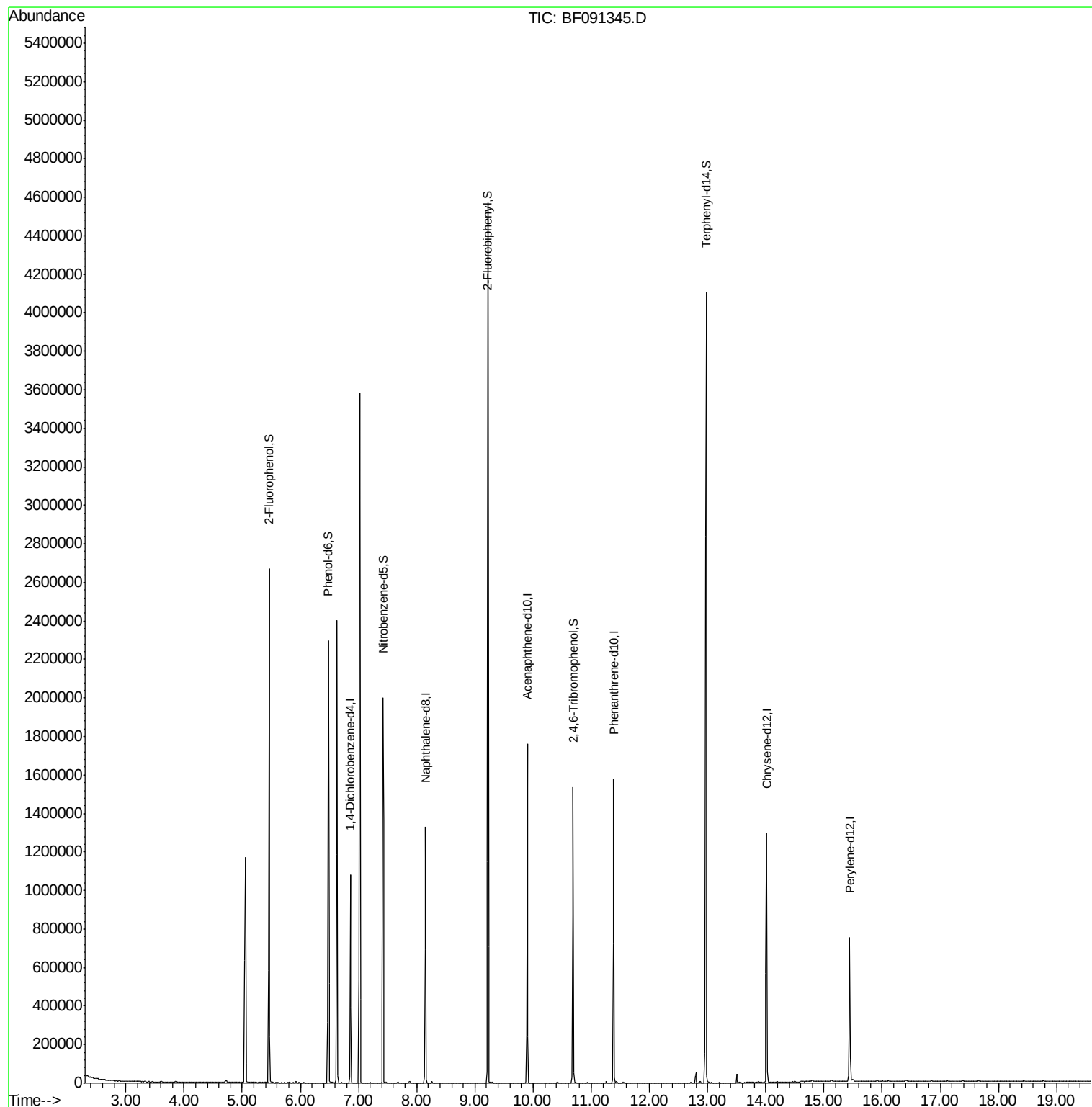
Target Compounds Qvalue

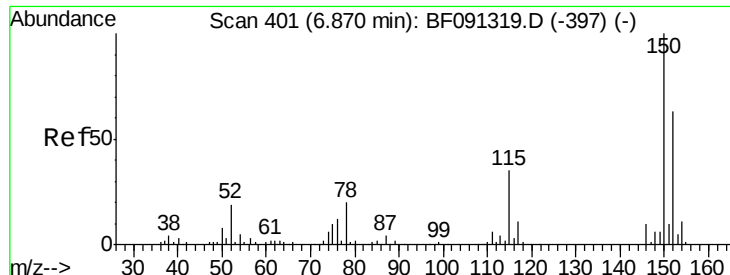
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091345.D

Acq: 30 Nov 2016 10:59

Instrument :

BNA_F

ClientSampleId :

PB94951BL

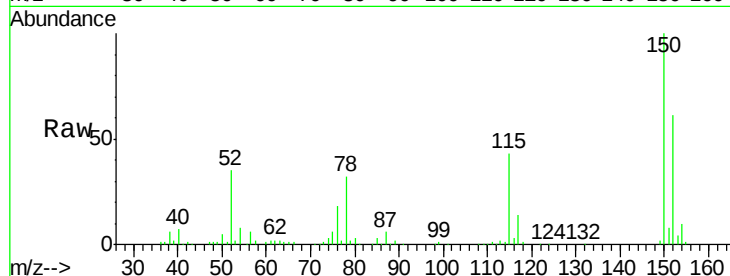
Tot Ion:152 Resp: 162492

Ion Ratio Lower Upper

152 100

150 163.2 122.5 183.7

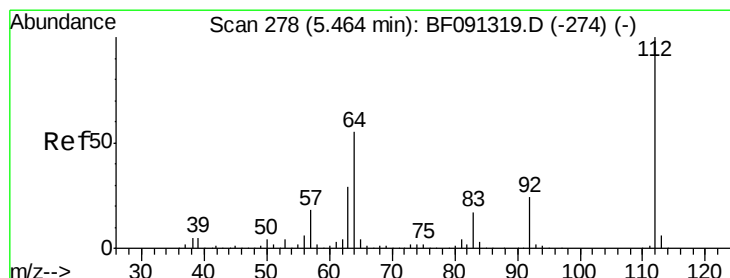
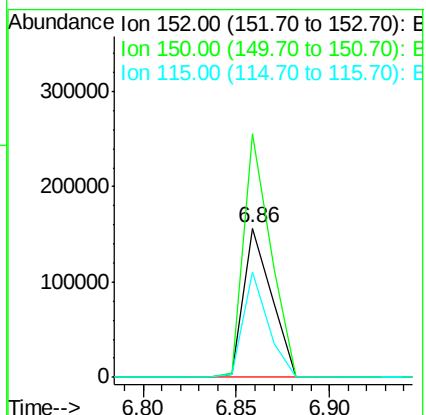
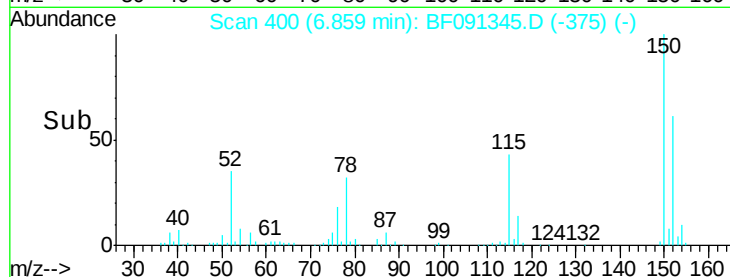
115 70.5 51.8 77.8



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: 60.37 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091345.D

Acq: 30 Nov 2016 10:59

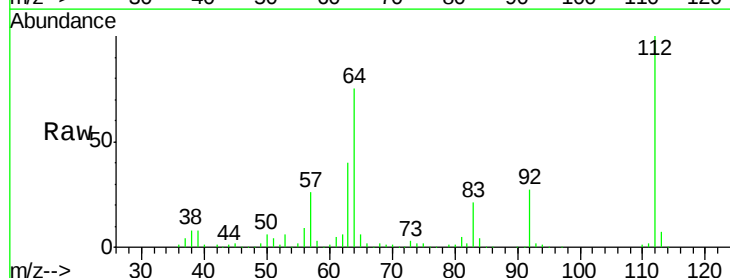
Tgt Ion:112 Resp: 600478

Ion Ratio Lower Upper

112 100

64 74.7 61.5 92.3

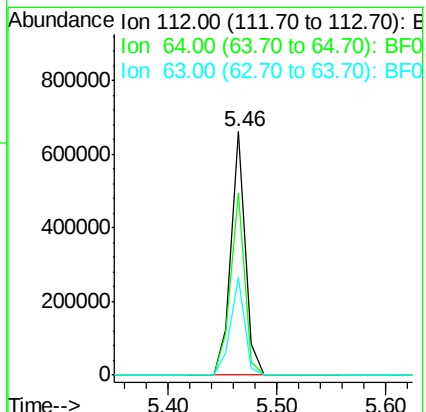
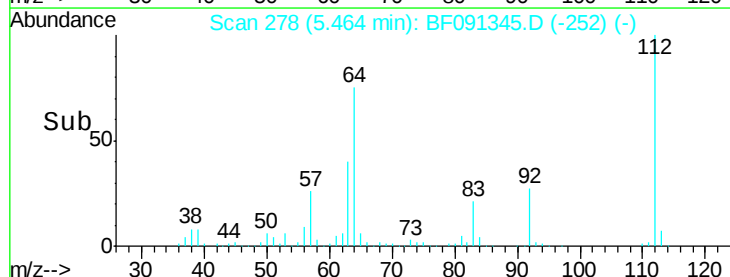
63 40.1 33.3 49.9

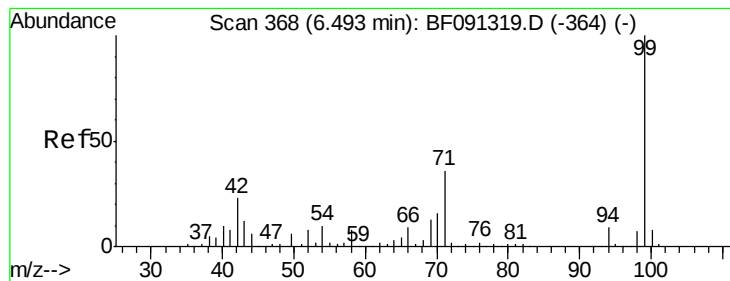


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.04 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091345.D

Acq: 30 Nov 2016 10:59

Instrument :

BNA_F

ClientSampleId :

PB94951BL

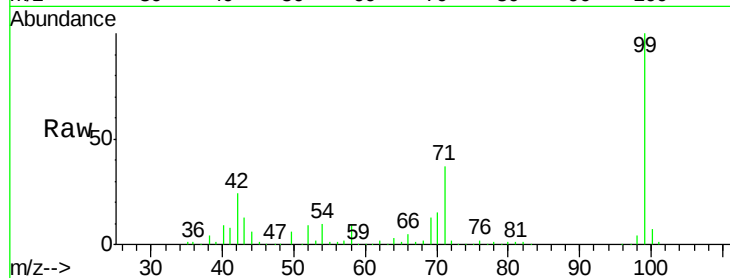
Tot Ion: 99 Resp: 722876

Ion Ratio Lower Upper

99 100

42 24.1 20.6 31.0

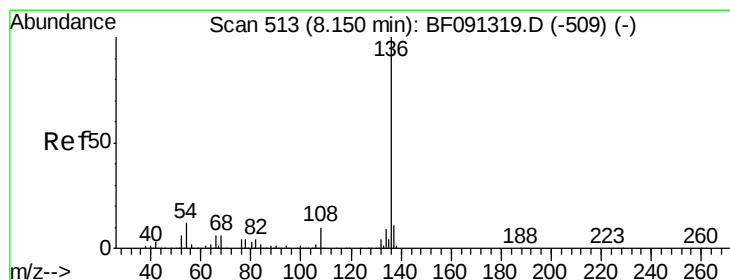
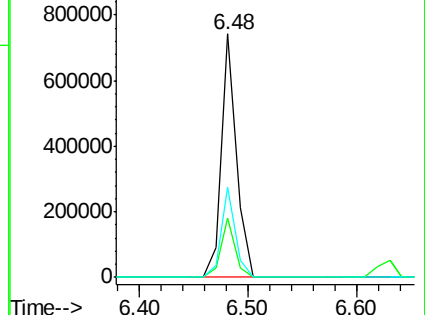
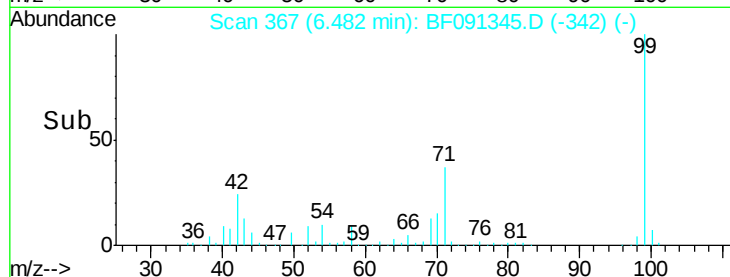
71 37.0 29.9 44.9



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: BF091345.D

Acq: 30 Nov 2016 10:59

Tgt Ion: 136 Resp: 693700

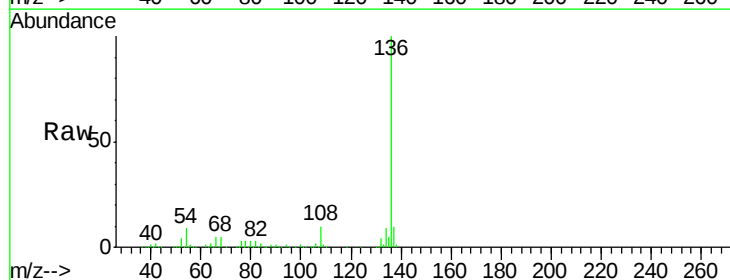
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 9.0 9.1 13.7#

68 4.5 5.9 8.9#

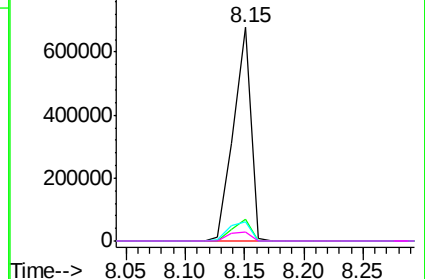
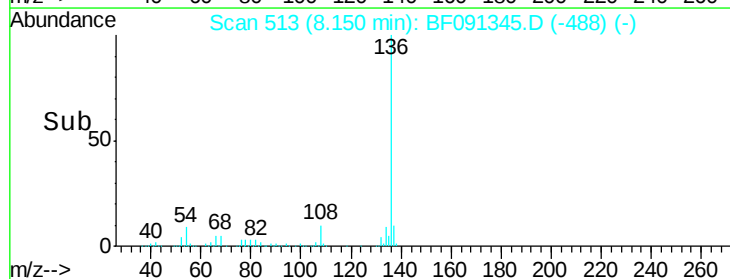


Abundance Ion 136.00 (135.70 to 136.70): E

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

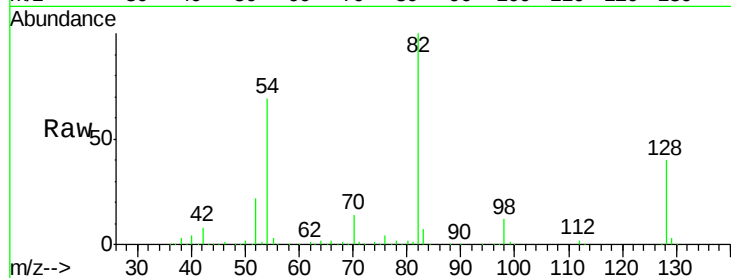




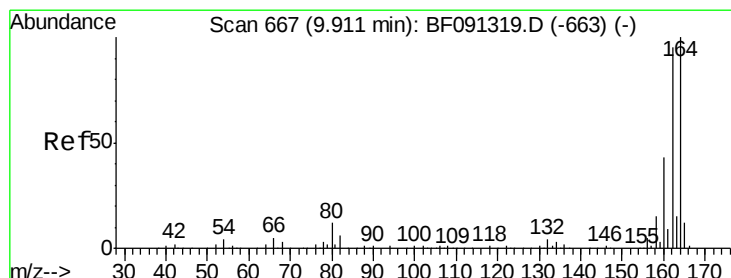
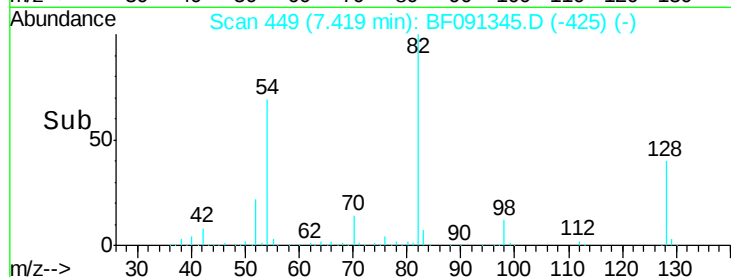
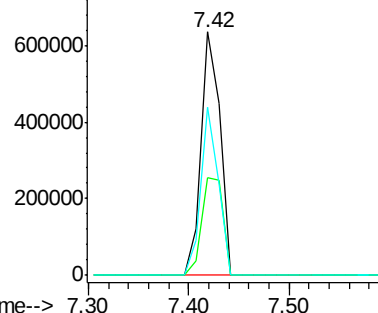
#23
 Nitrobenzene-d5
 Concen: 67.06 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF091345.D
 Acq: 30 Nov 2016 10:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BL

Tot Ion: 82 Resp: 830105
 Ion Ratio Lower Upper
 82 100
 128 40.0 31.8 47.6
 54 69.1 49.1 73.7

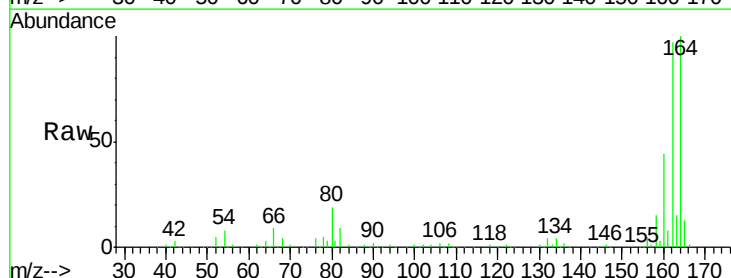


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

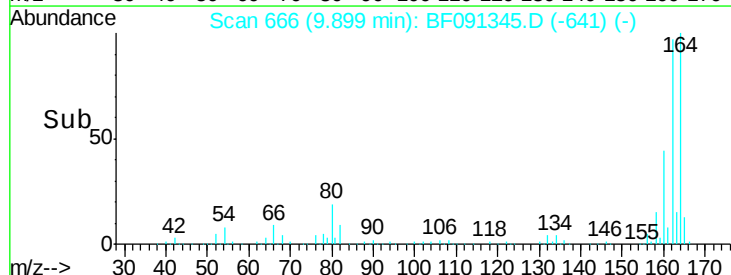
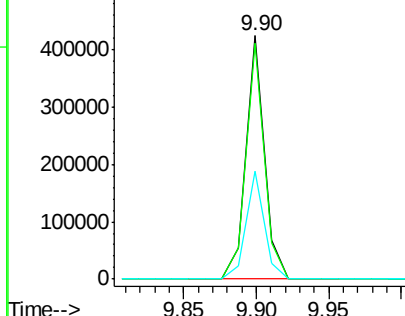


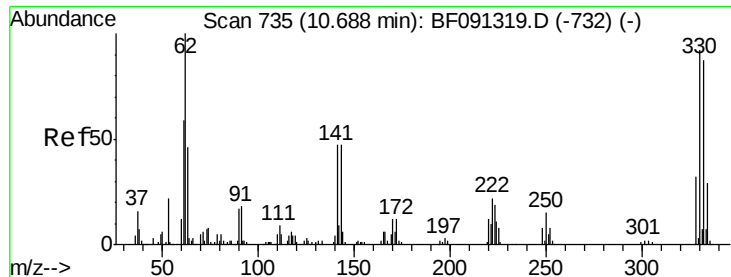
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091345.D
 Acq: 30 Nov 2016 10:59

Tgt Ion: 164 Resp: 377007
 Ion Ratio Lower Upper
 164 100
 162 96.9 82.6 124.0
 160 44.1 36.7 55.1



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

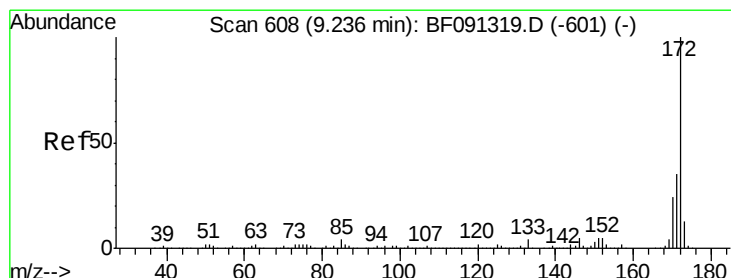
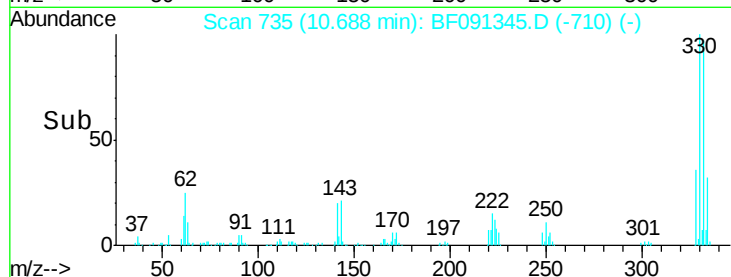
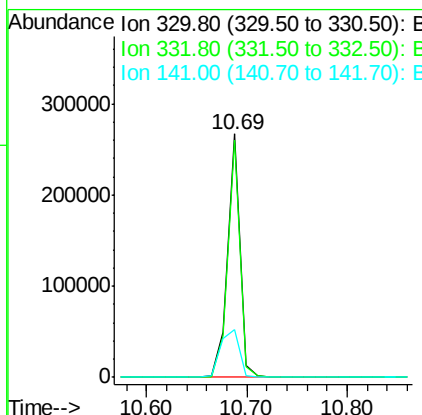
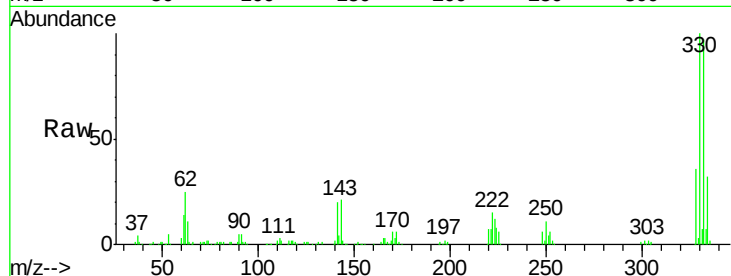




#41
 2,4,6-Tribromophenol
 Concen: 64.40 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091345.D
 Acq: 30 Nov 2016 10:59

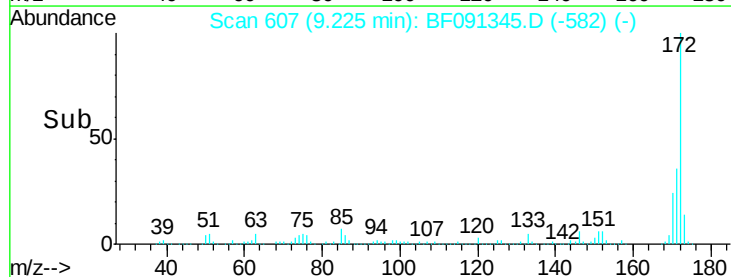
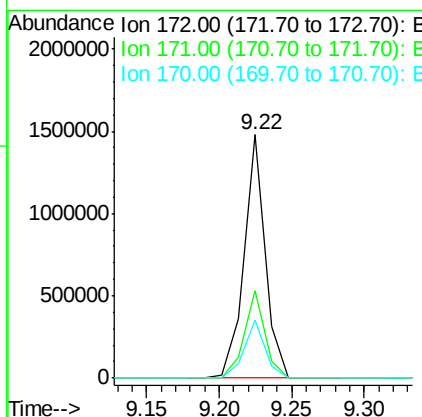
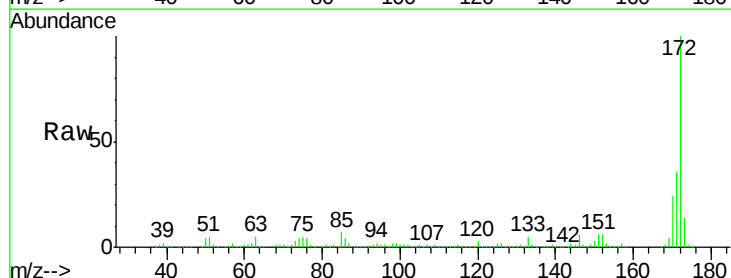
Instrument :
 BNA_F
 ClientSampleId :
 PB94951BL

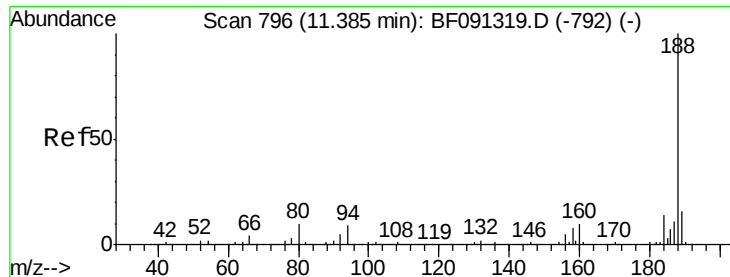
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	29.7	33.6	50.4



#44
 2-Fluorobiphenyl
 Concen: 71.90 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091345.D
 Acq: 30 Nov 2016 10:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.0	19.7	29.5

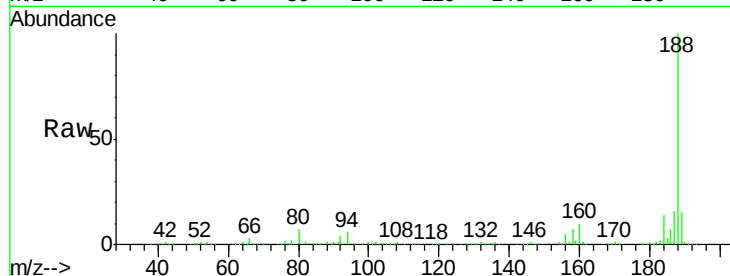




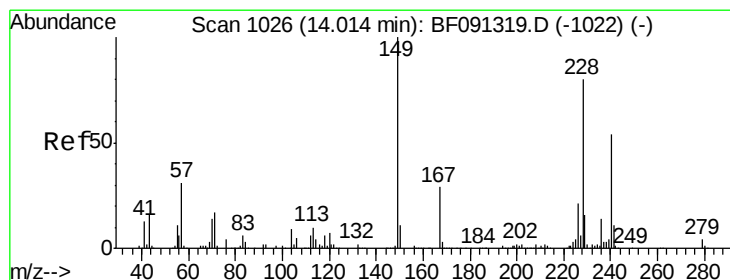
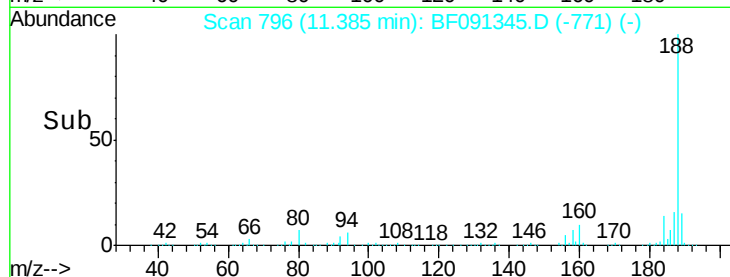
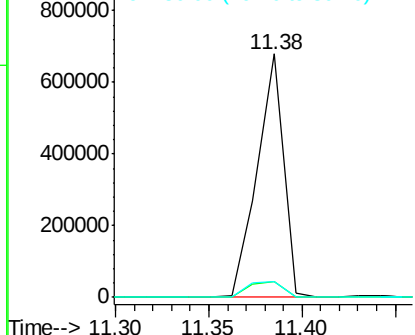
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091345.D
Acq: 30 Nov 2016 10:59

Instrument :
BNA_F
ClientSampleId :
PB94951BL

Tot Ion:188 Resp: 665703
Ion Ratio Lower Upper
188 100
94 6.3 9.2 13.8#
80 6.7 10.5 15.7#

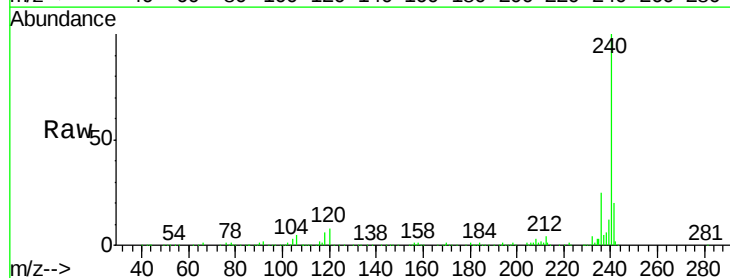


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

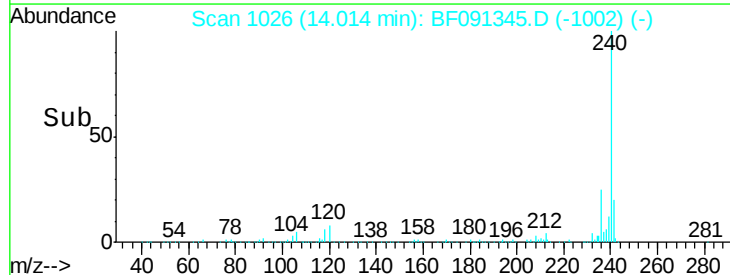
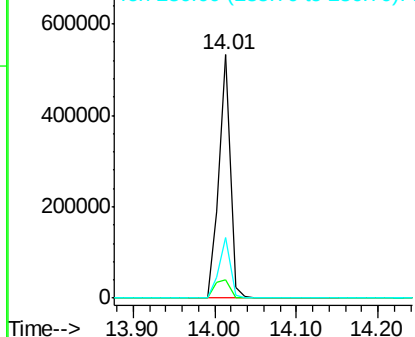


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091345.D
Acq: 30 Nov 2016 10:59

Tgt Ion:240 Resp: 519632
Ion Ratio Lower Upper
240 100
120 7.7 12.1 18.1#
236 25.0 21.0 31.6



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: 73.01 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091345.D

Acq: 30 Nov 2016 10:59

Instrument :

BNA_F

ClientSampleId :

PB94951BL

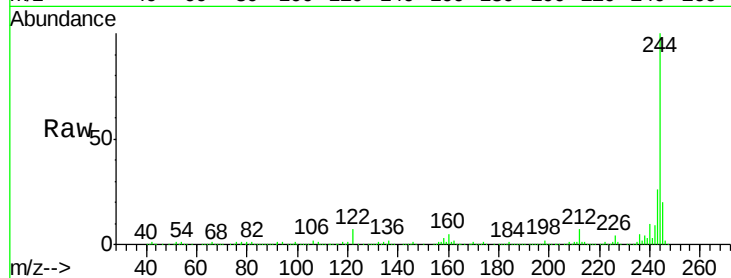
Tot Ion:244 Resp: 1745583

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7

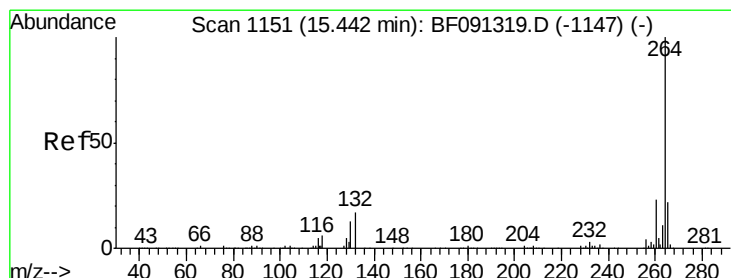
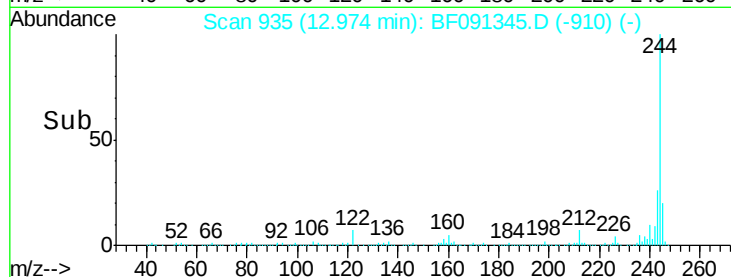
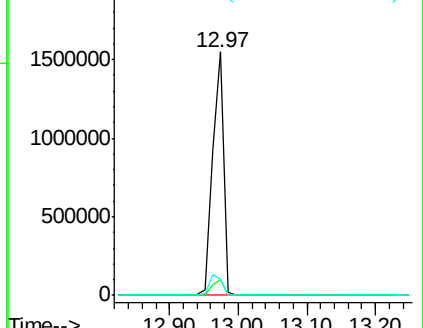
122 6.5 9.5 14.3#



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: 15.44 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF091345.D

Acq: 30 Nov 2016 10:59

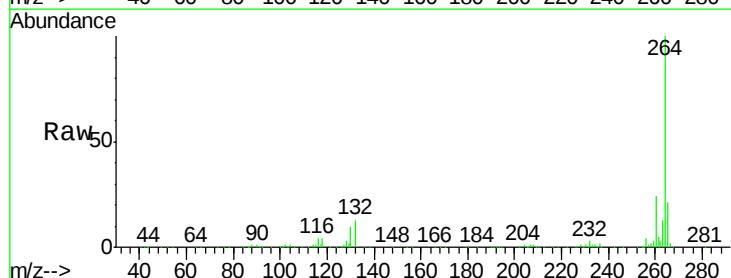
Tgt Ion:264 Resp: 365908

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.4 17.0 25.6



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

