

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092043.D
 Acq On : 30 Dec 2016 13:34
 Operator : UM/SJ
 Sample : PB95699BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BL

Quant Time: Dec 30 15:54:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	207475	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	690497	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	376916	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	663624	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	581866	20.00	ng	-0.05
86) Perylene-d12	15.21	264	532931	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1621805	130.52	ng	-0.02
7) Phenol-d6	6.35	99	2218394	146.23	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1198254	96.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	432431	138.63	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1813670	101.02	ng	-0.03
78) Terphenyl-d14	12.79	244	1957856	81.61	ng	-0.03

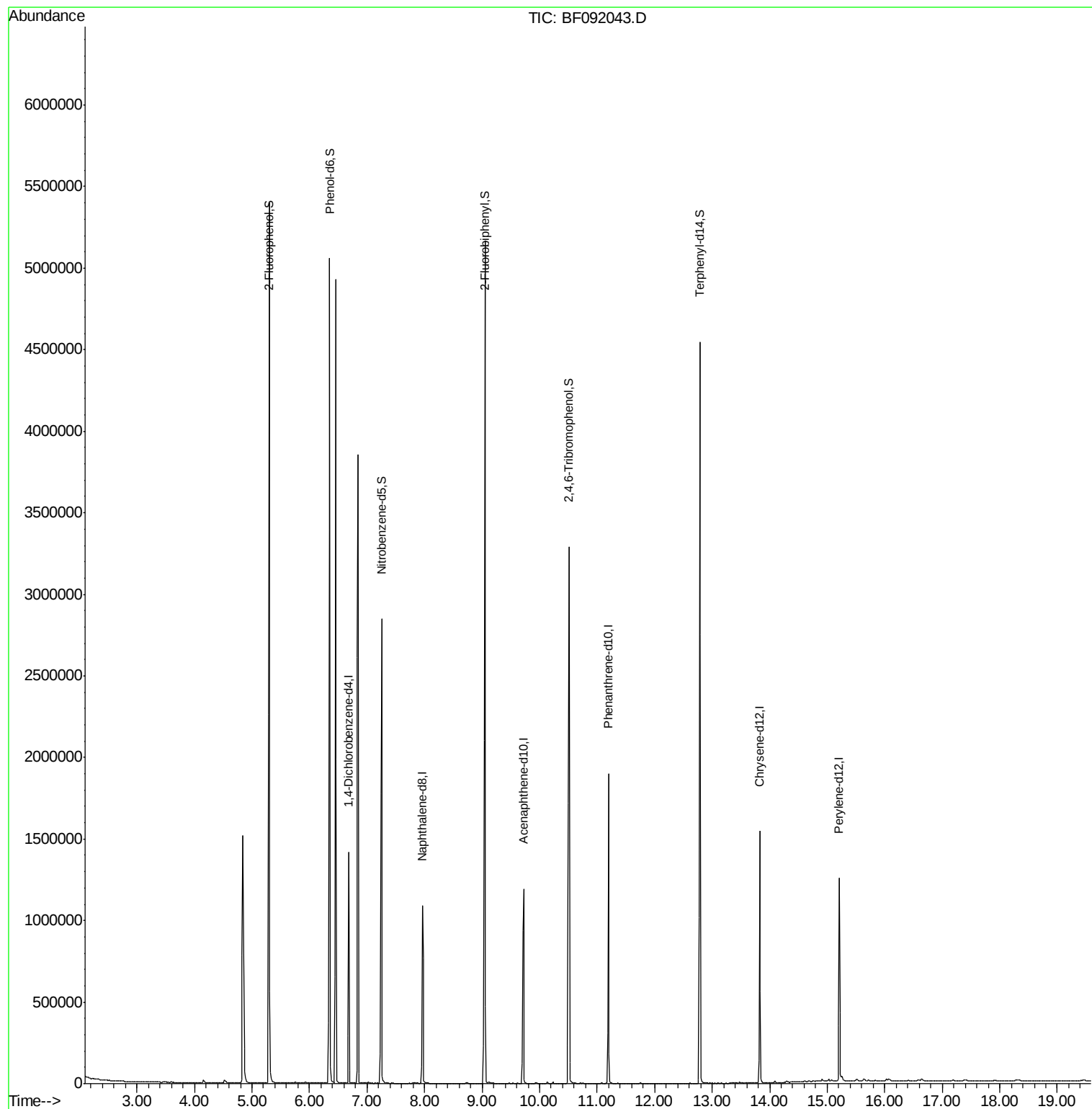
Target Compounds Qvalue

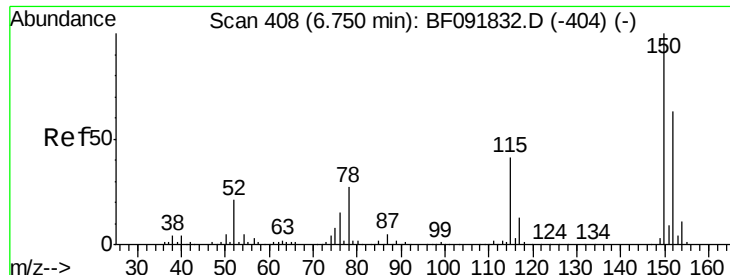
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 28 17:32:10 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

Instrument :

BNA_F

ClientSampleId :

PB95699BL

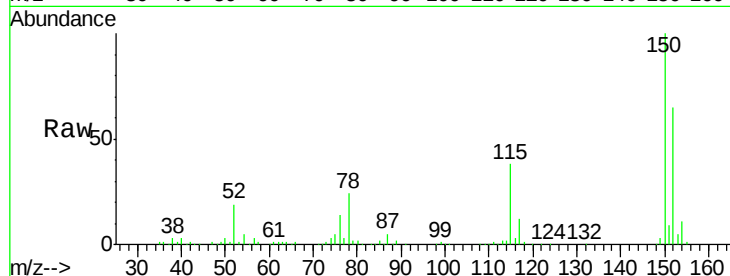
Tot Ion:152 Resp: 207475

Ion Ratio Lower Upper

152 100

150 155.0 124.9 187.3

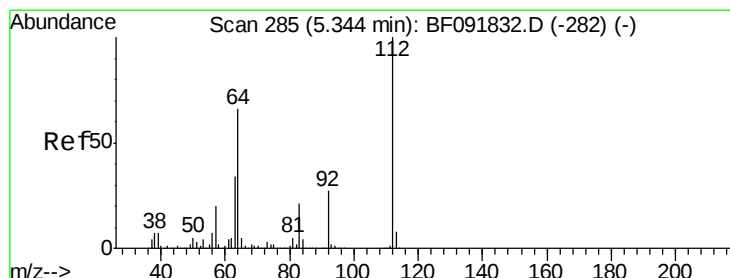
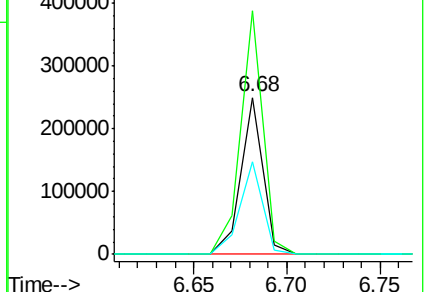
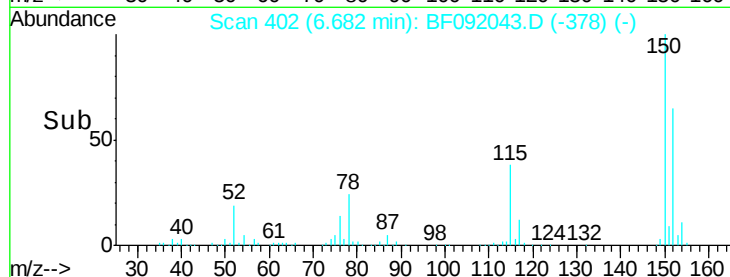
115 58.9 46.0 69.0



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: 130.52 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

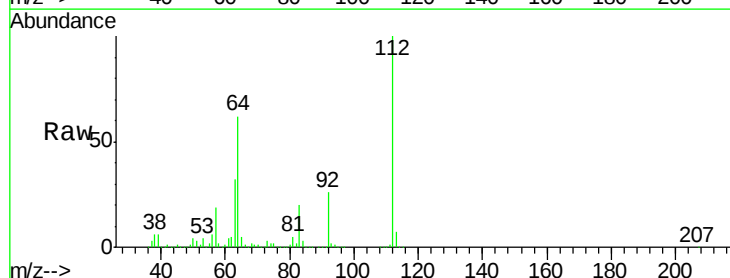
Tgt Ion:112 Resp: 1621805

Ion Ratio Lower Upper

112 100

64 61.9 46.1 69.1

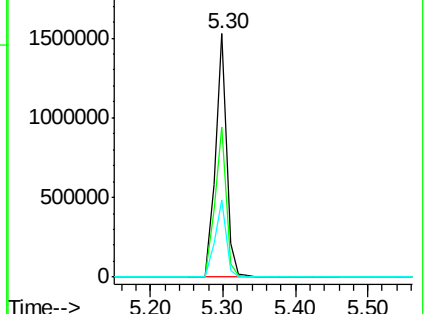
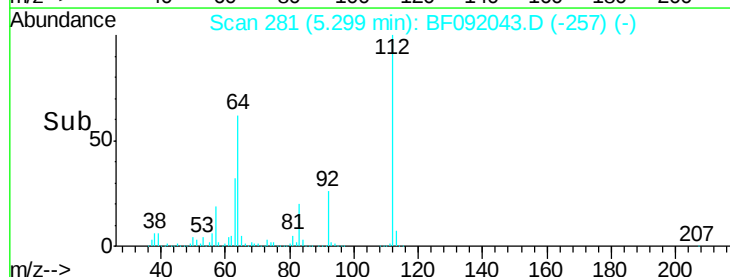
63 31.8 23.8 35.6

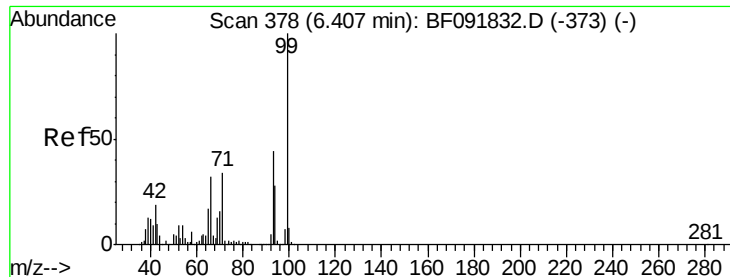


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.23 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

Instrument :

BNA_F

ClientSampleId :

PB95699BL

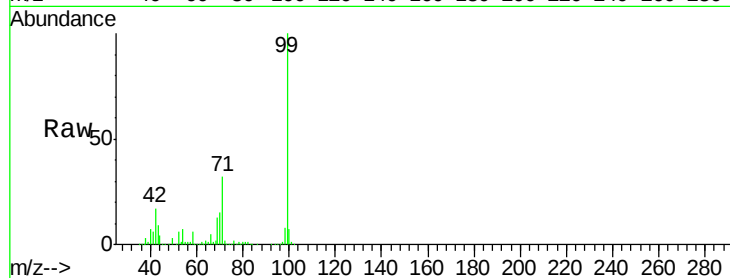
Tot Ion: 99 Resp: 2218394

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

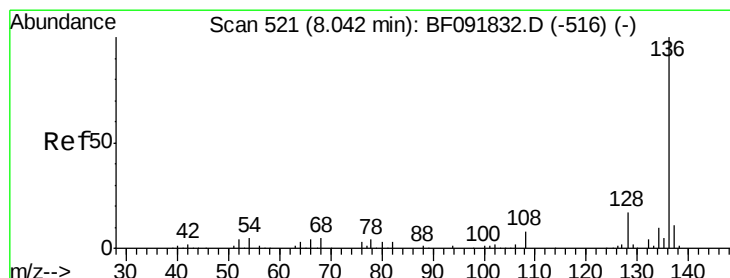
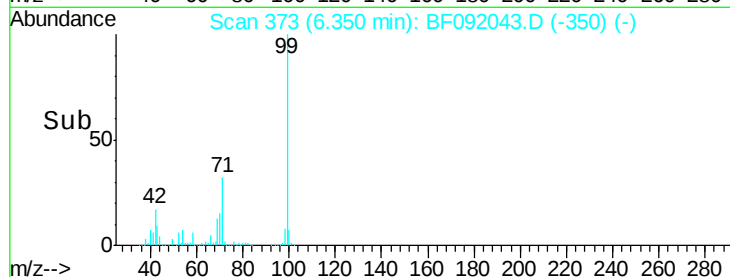
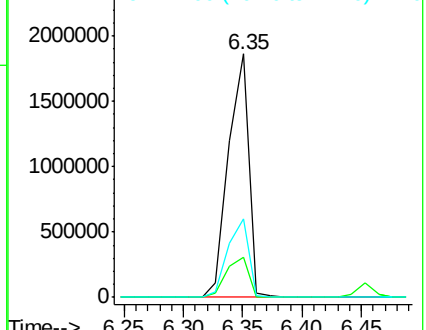
71 32.2 27.5 41.3



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: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

Tgt Ion: 136 Resp: 690497

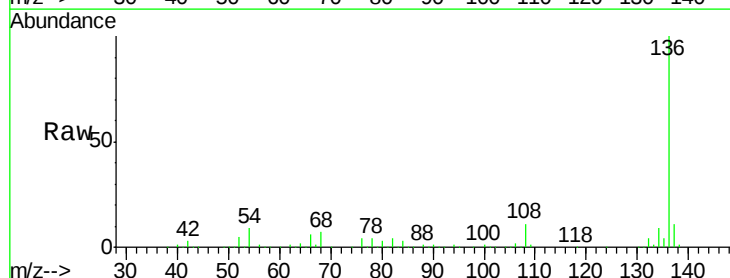
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.1 4.5 6.7#

68 6.9 3.6 5.4#

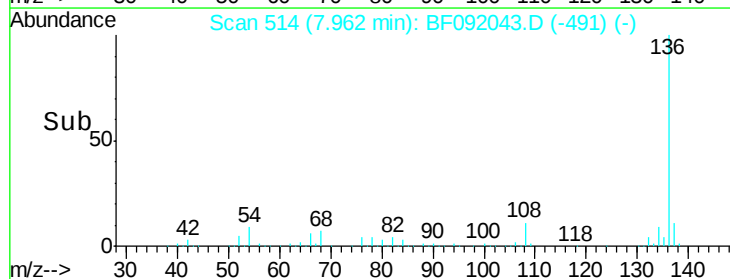
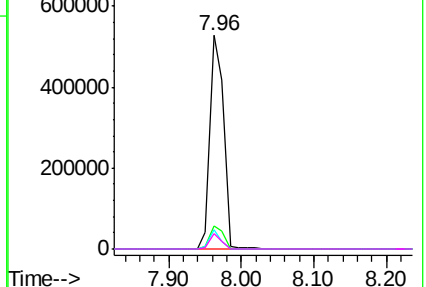


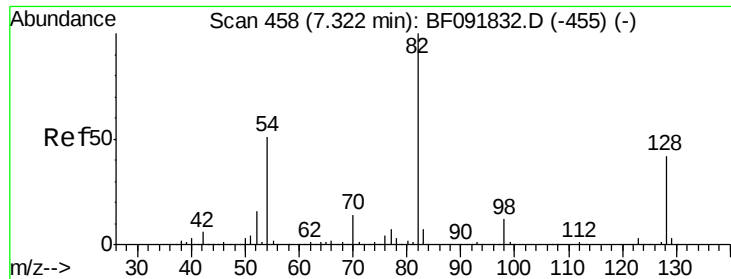
Abundance Ion 136.00 (135.70 to 136.70): E

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

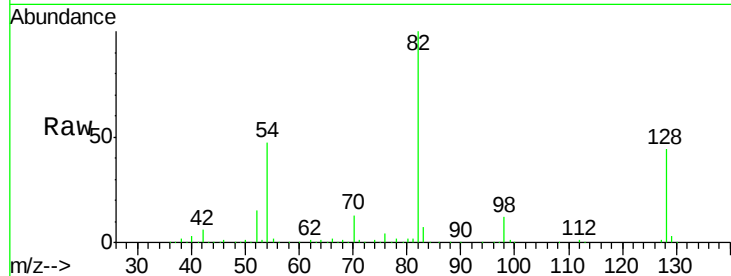




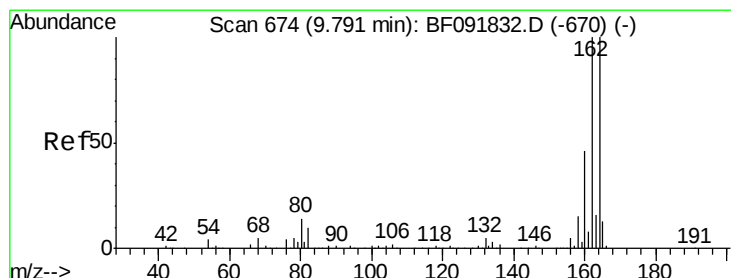
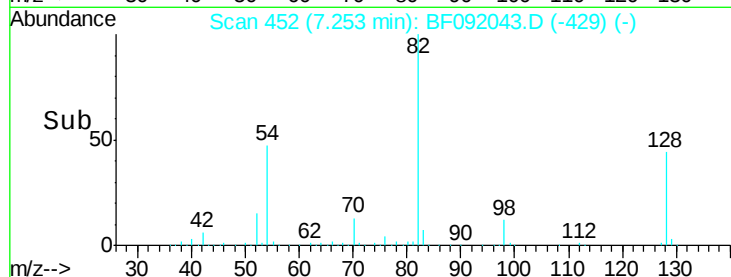
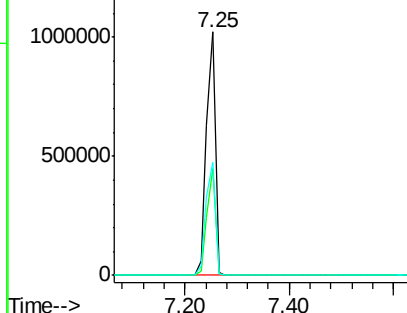
#23
Nitrobenzene-d5
Concen: 96.50 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092043.D
Acq: 30 Dec 2016 13:34

Instrument :
BNA_F
ClientSampleId :
PB95699BL

Tot Ion: 82 Resp: 1198254
Ion Ratio Lower Upper
82 100
128 44.0 34.6 52.0
54 46.7 39.5 59.3

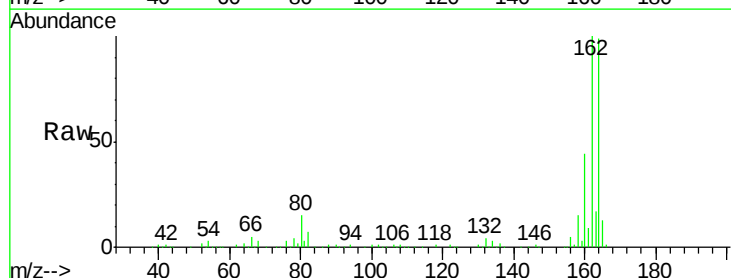


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

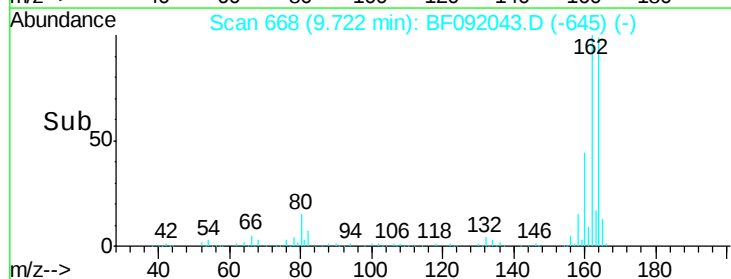
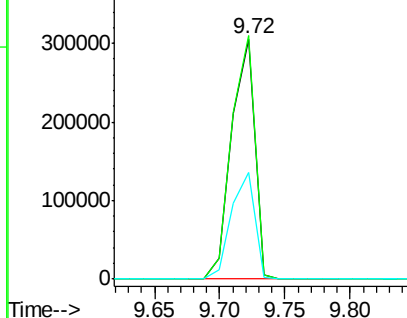


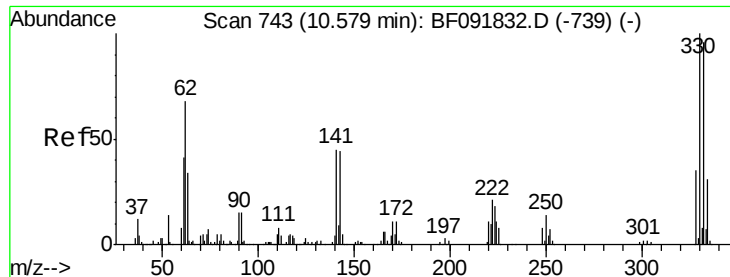
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092043.D
Acq: 30 Dec 2016 13:34

Tgt Ion:164 Resp: 376916
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 44.6 36.9 55.3



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

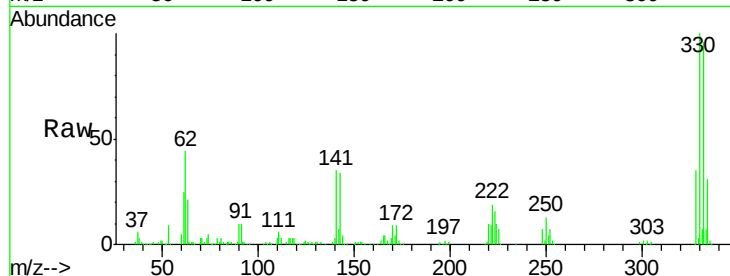




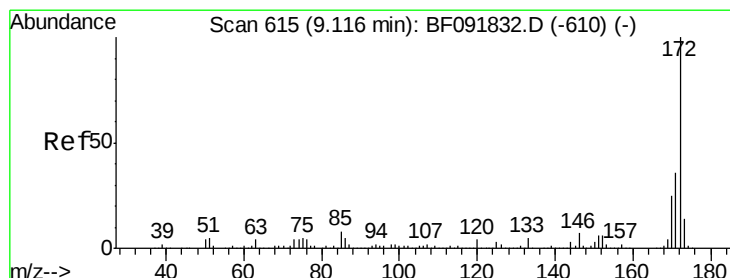
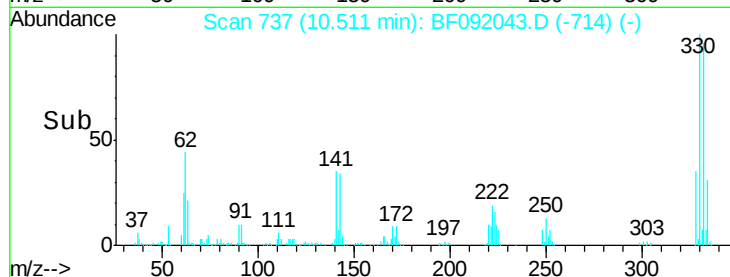
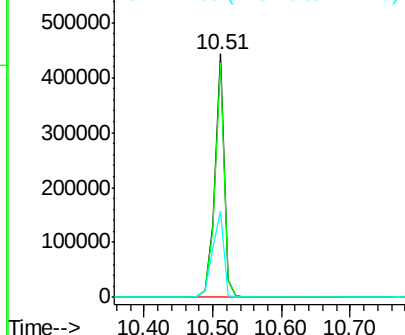
#41
 2,4,6-Tribromophenol
 Concen: 138.63 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	42.0	34.1	51.1

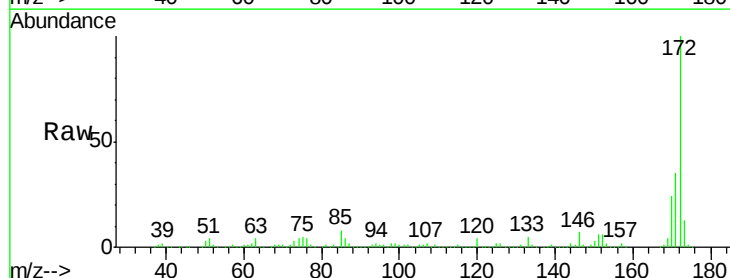


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

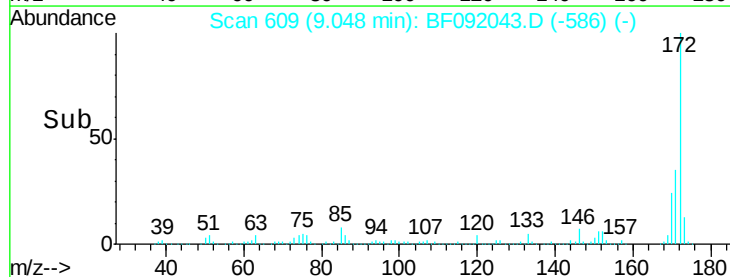
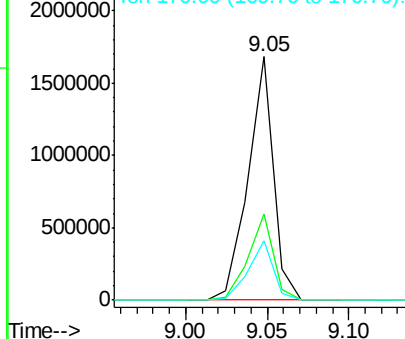


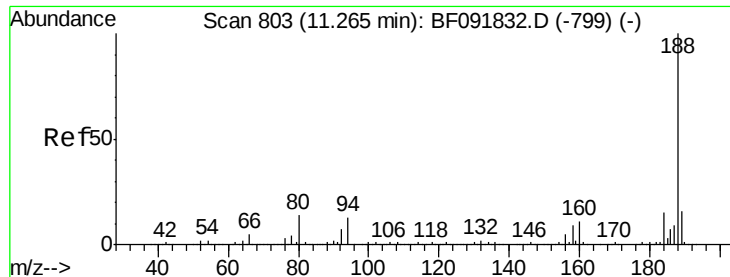
#44
 2-Fluorobiphenyl
 Concen: 101.02 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.5	20.2	30.4



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

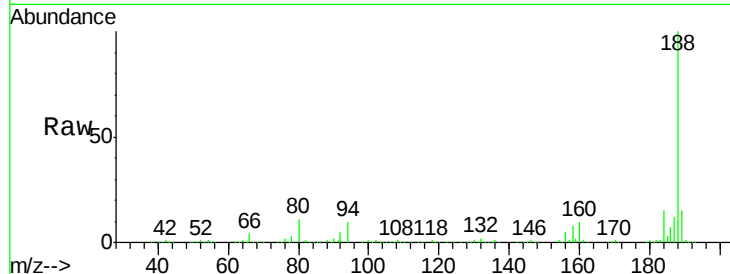




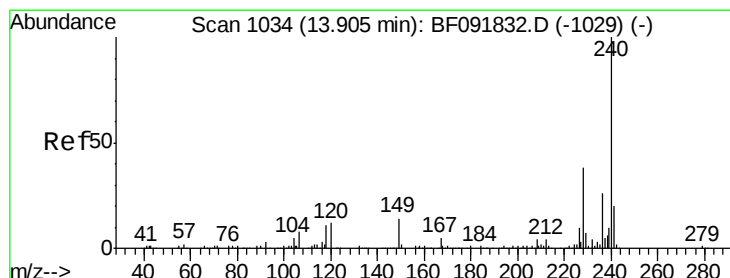
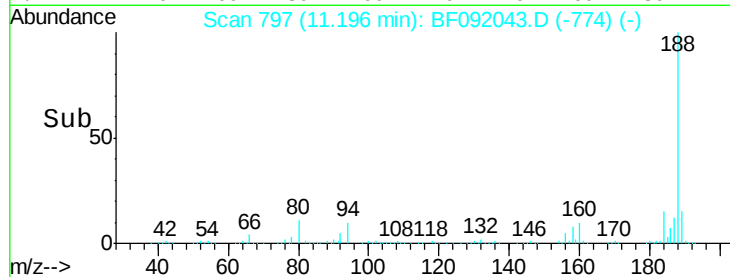
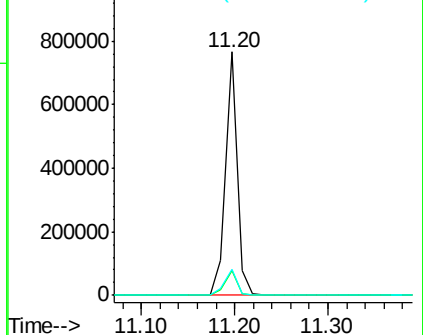
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Instrument :
 BNA_F
 ClientSampleID :
 PB95699BL

Tot Ion:188 Resp: 663624
 Ion Ratio Lower Upper
 188 100
 94 10.0 10.0 15.0#
 80 10.9 11.2 16.8#

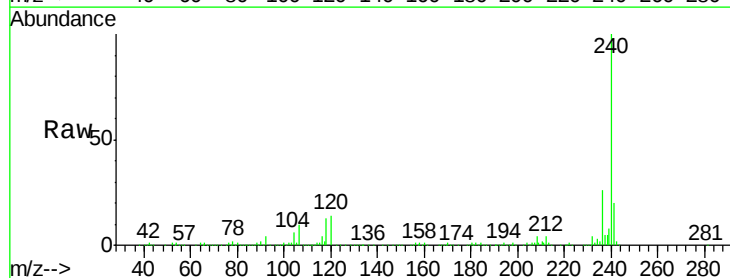


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

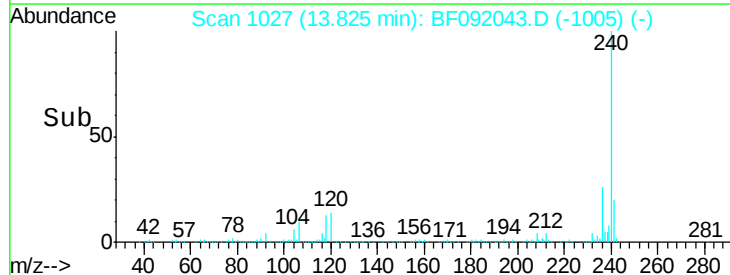
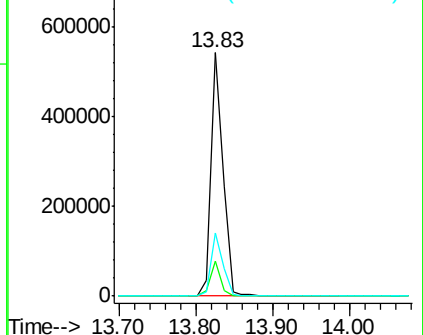


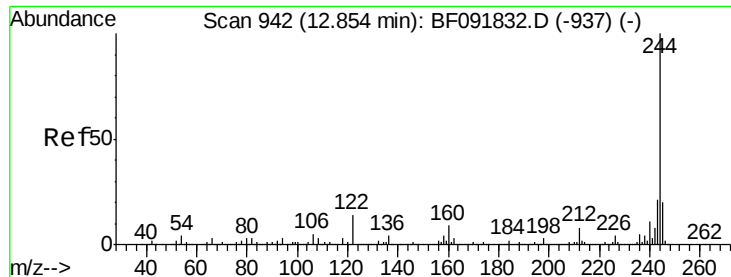
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.05 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Tgt Ion:240 Resp: 581866
 Ion Ratio Lower Upper
 240 100
 120 14.4 12.9 19.3
 236 25.7 20.9 31.3



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

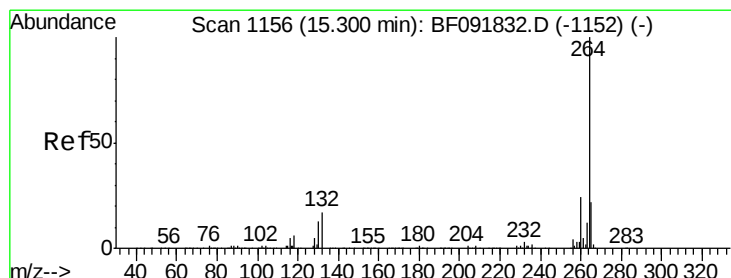
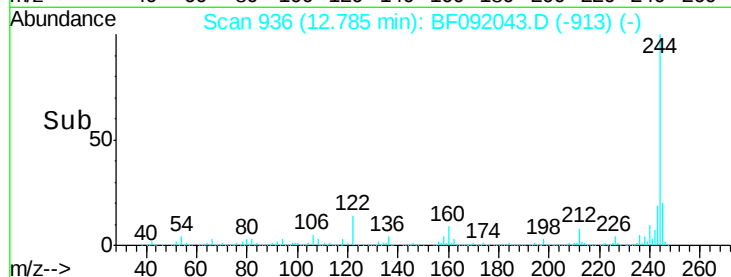
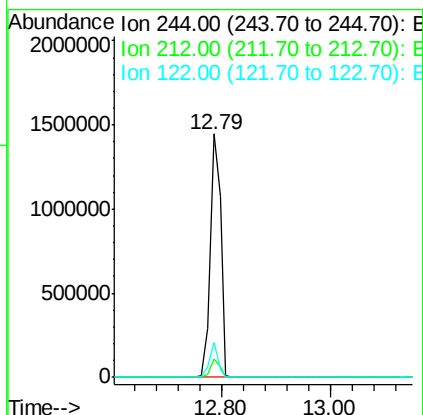
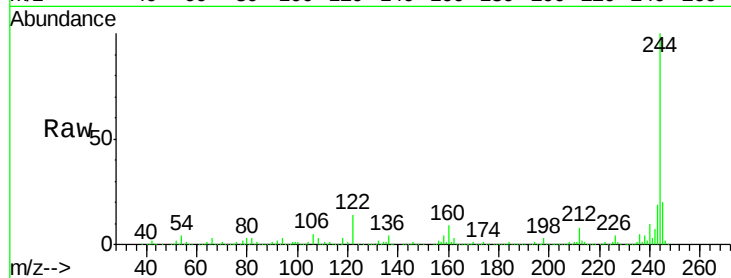




#78
 Terphenyl-d14
 Concen: 81.61 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BL

Tot Ion:244 Resp: 1957856
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.05 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Tgt Ion:264 Resp: 532931
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.0

