

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092114.D
 Acq On : 6 Jan 2017 13:57
 Operator : UM/SJ
 Sample : PB95798BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BL

Quant Time: Jan 06 16:19:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	185111	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	768163	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	405011	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	754342	20.00	ng	0.00
75) Chrysene-d12	13.79	240	593912	20.00	ng	0.00
86) Perylene-d12	15.15	264	467592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	930973	83.98	ng	0.01
7) Phenol-d6	6.30	99	1000045	73.88	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1155680	83.66	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	225159	67.18	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1725649	87.71	ng	0.00
78) Terphenyl-d14	12.74	244	1821071	74.36	ng	0.00

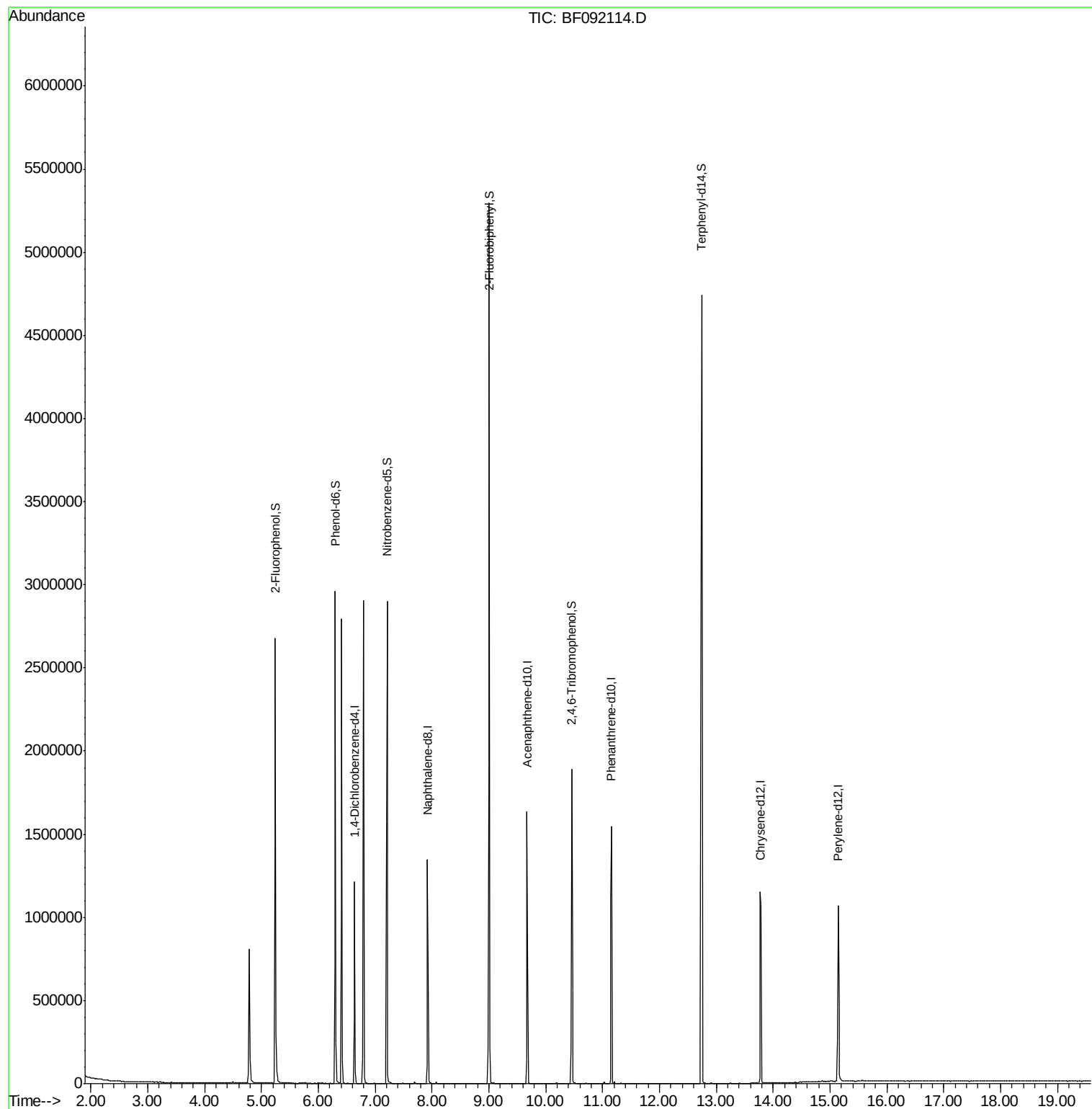
Target Compounds Qvalue

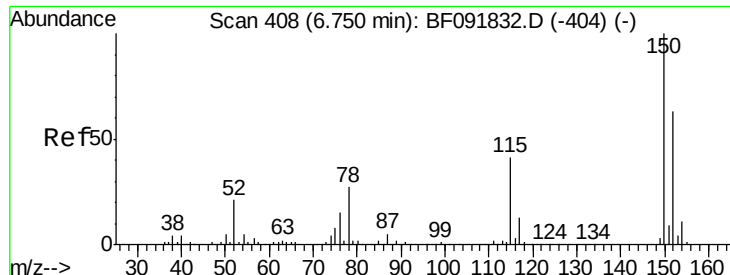
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

PB95798BL

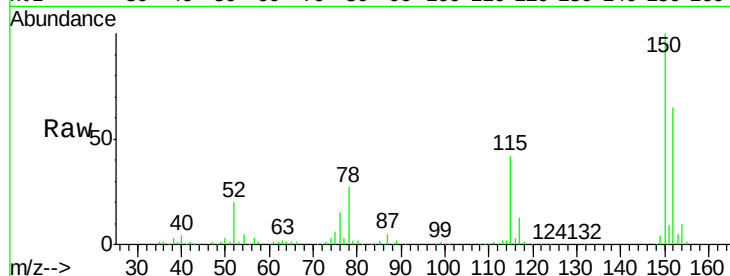
Tot Ion:152 Resp: 185111

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

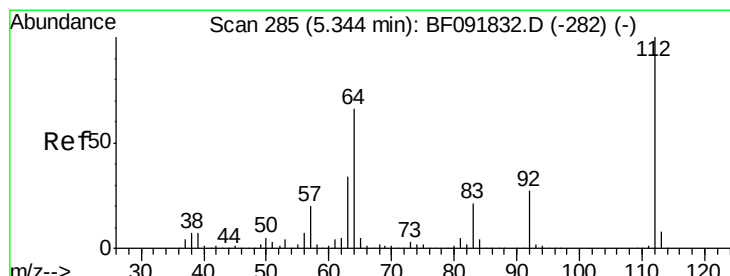
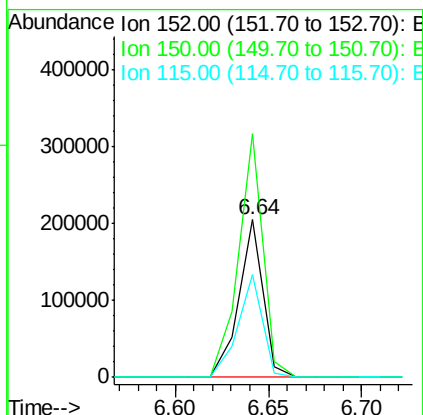
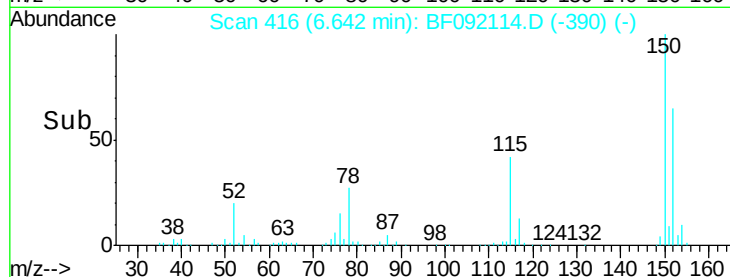
115 65.5 46.0 69.0



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: 83.98 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

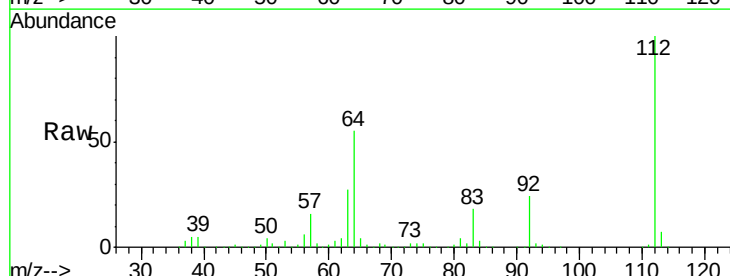
Tgt Ion:112 Resp: 930973

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

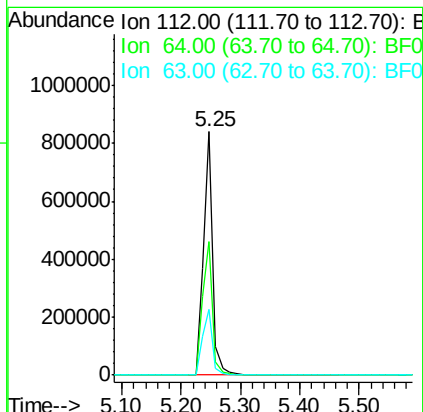
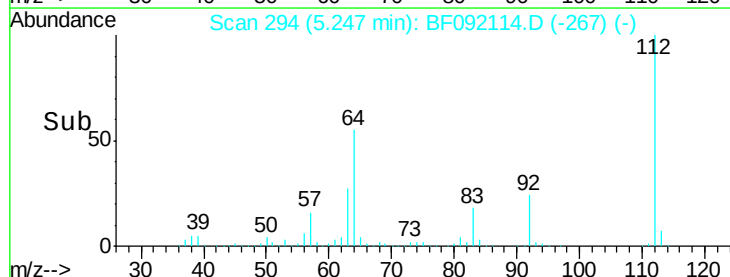
63 27.0 23.8 35.6

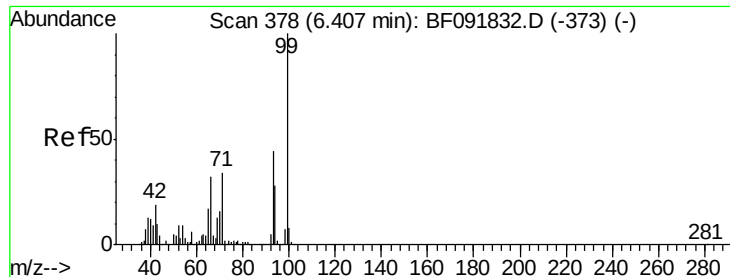


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 73.88 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Instrument :

BNA_F

ClientSampleId :

PB95798BL

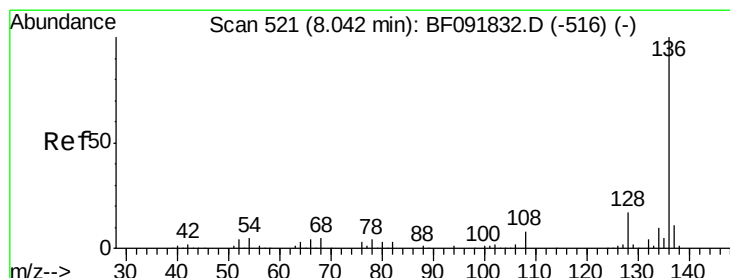
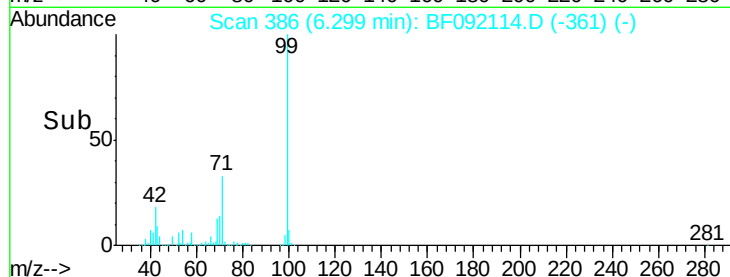
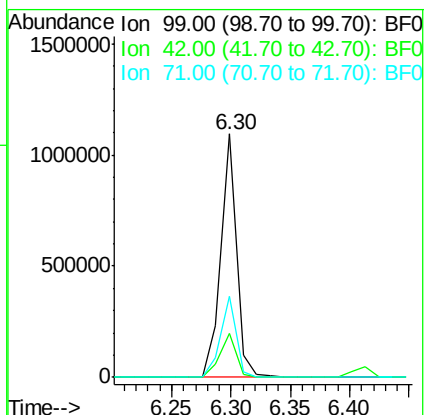
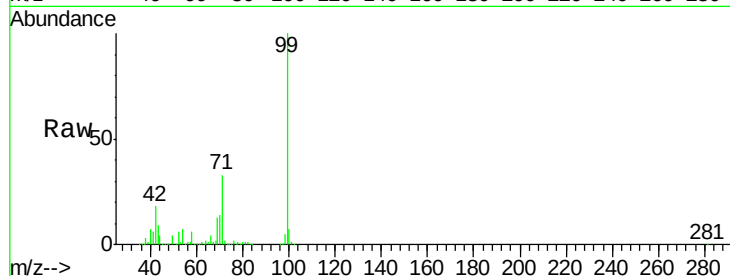
Tot Ion: 99 Resp: 1000045

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 33.0 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092114.D

Acq: 6 Jan 2017 13:57

Tgt Ion: 136 Resp: 768163

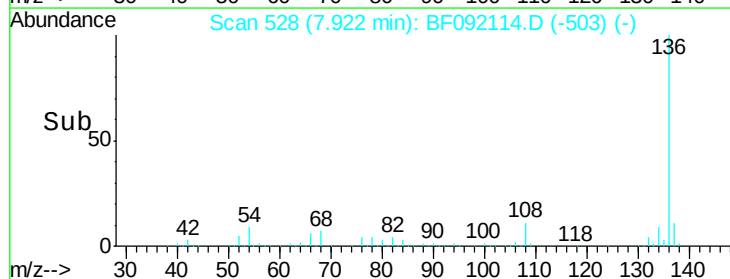
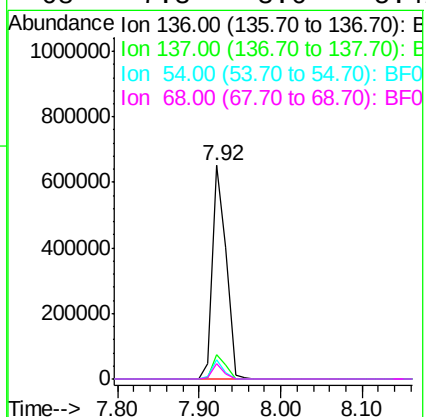
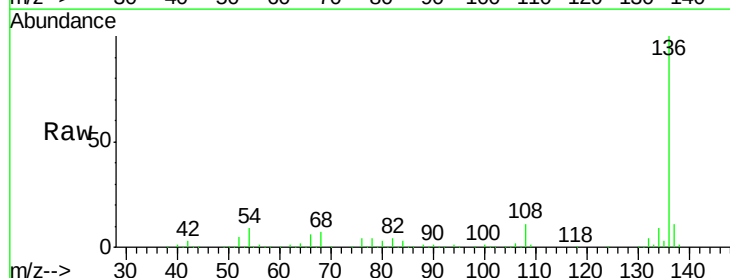
Ion Ratio Lower Upper

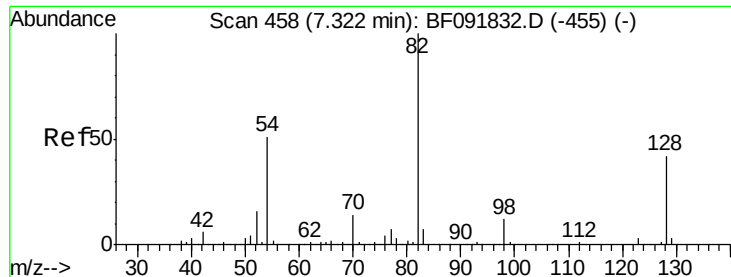
136 100

137 11.2 8.4 12.6

54 9.3 4.5 6.7#

68 7.3 3.6 5.4#

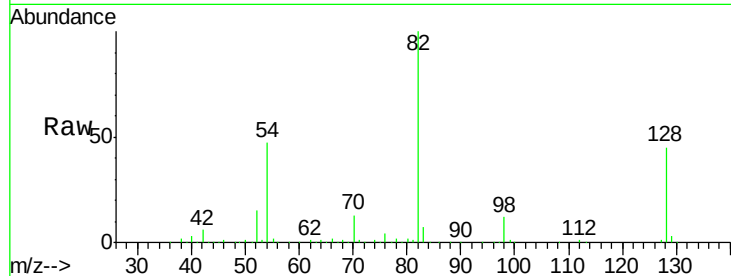




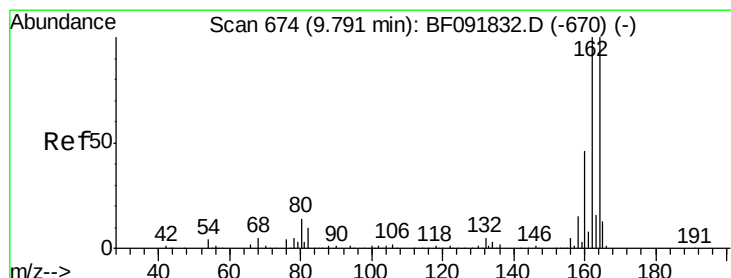
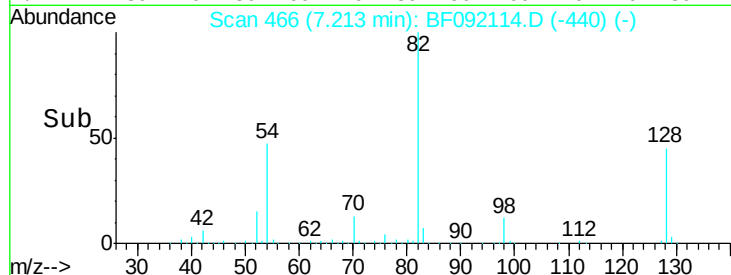
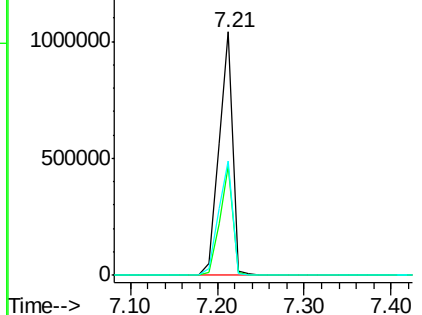
#23
 Nitrobenzene-d5
 Concen: 83.66 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092114.D
 Acq: 6 Jan 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BL

Tot Ion: 82 Resp: 1155680
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 52.0
 54 46.9 39.5 59.3

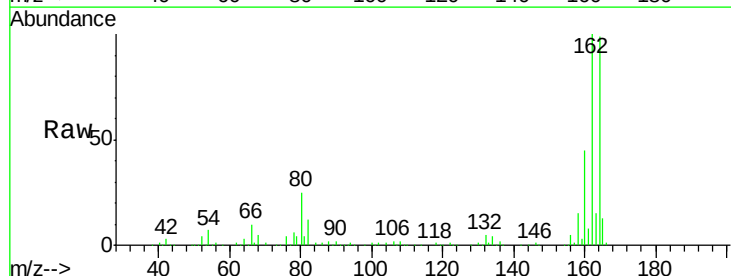


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

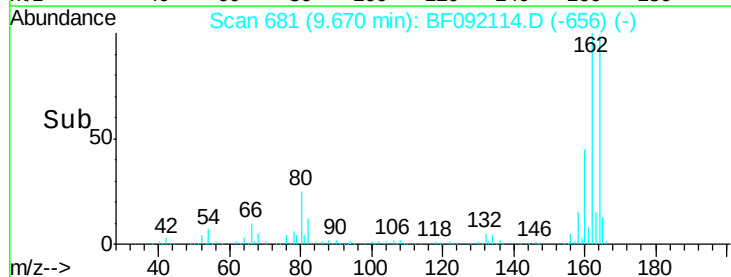
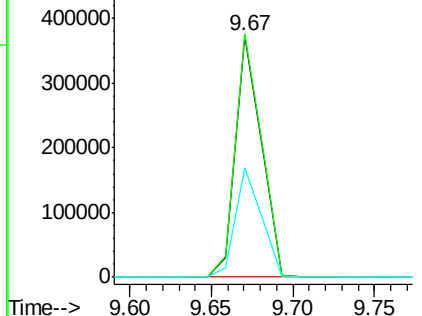


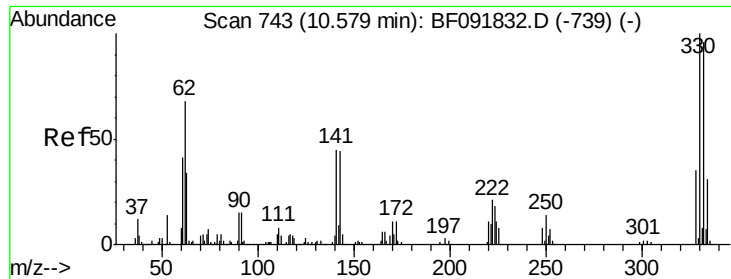
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092114.D
 Acq: 6 Jan 2017 13:57

Tgt Ion: 164 Resp: 405011
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.2 120.2
 160 45.0 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

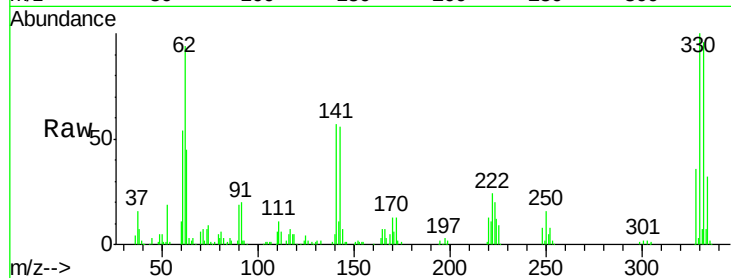




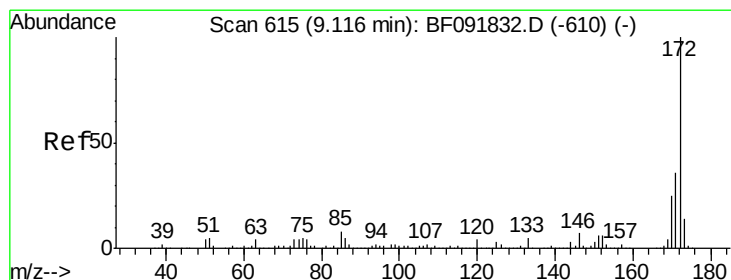
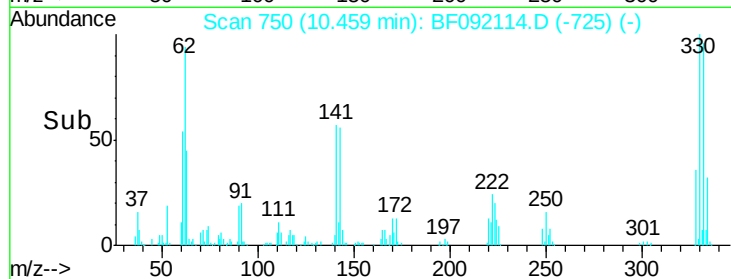
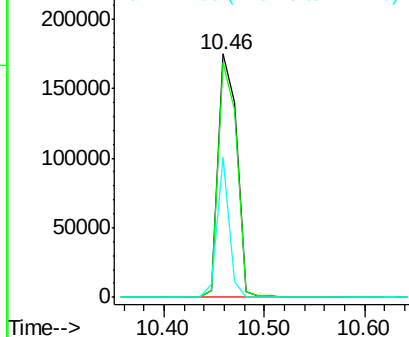
#41
 2,4,6-Tribromophenol
 Concen: 67.18 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092114.D
 Acq: 6 Jan 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	37.3	34.1	51.1

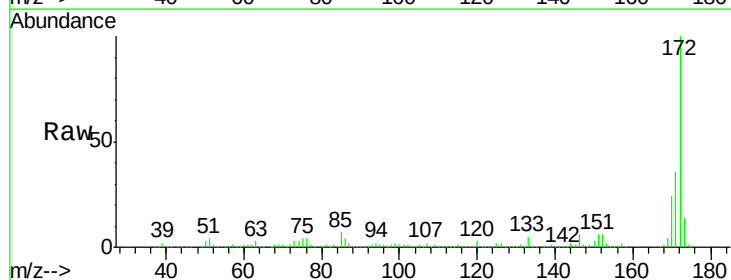


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

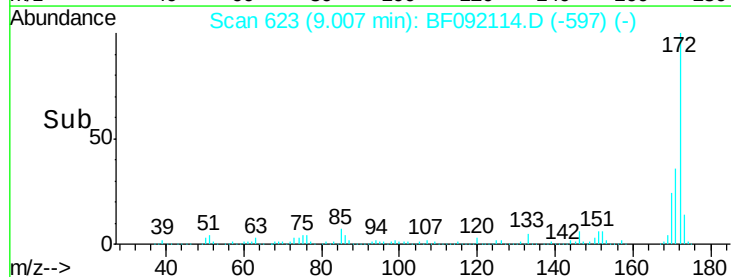
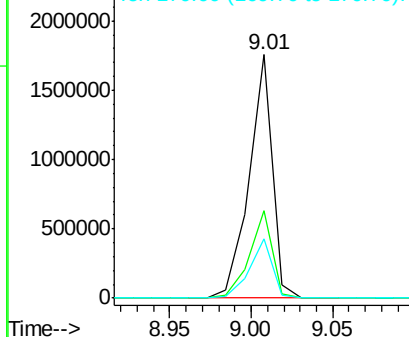


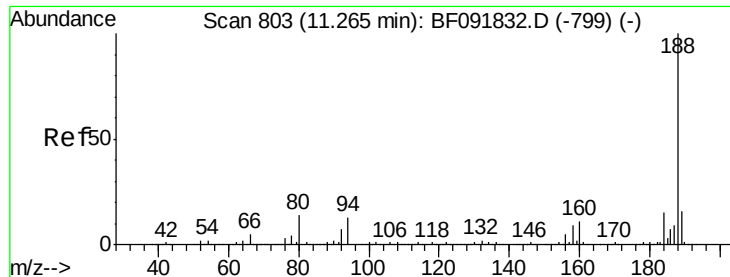
#44
 2-Fluorobiphenyl
 Concen: 87.71 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092114.D
 Acq: 6 Jan 2017 13:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

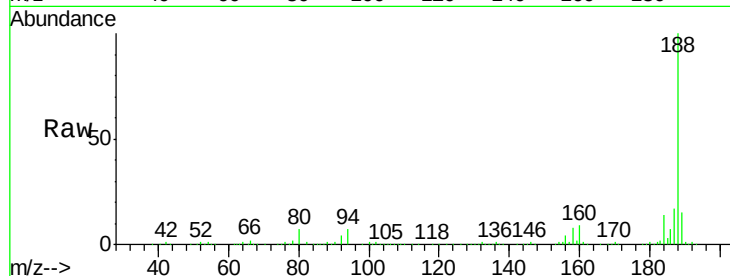




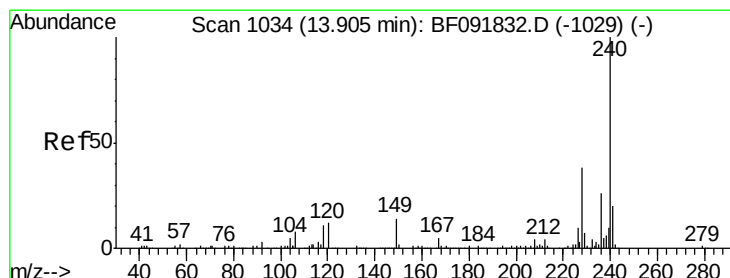
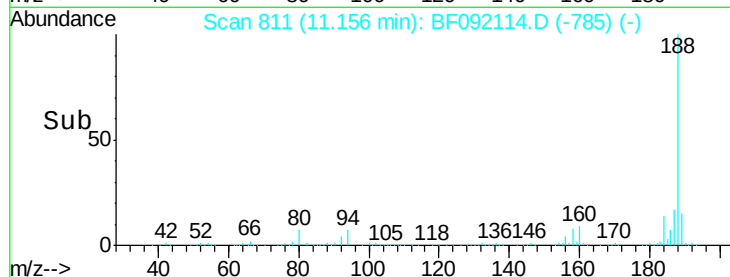
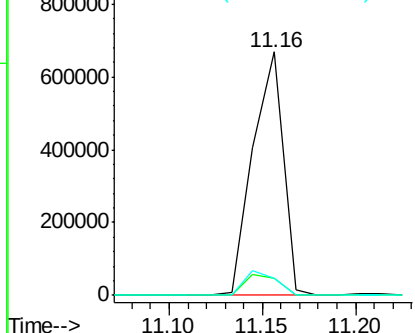
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092114.D
Acq: 6 Jan 2017 13:57

Instrument :
BNA_F
ClientSampleId :
PB95798BL

Tot Ion:188 Resp: 754342
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.1 11.2 16.8#

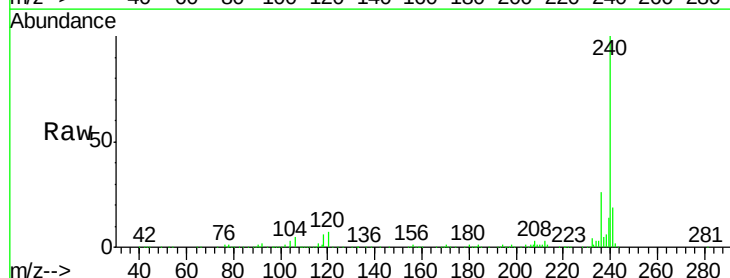


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

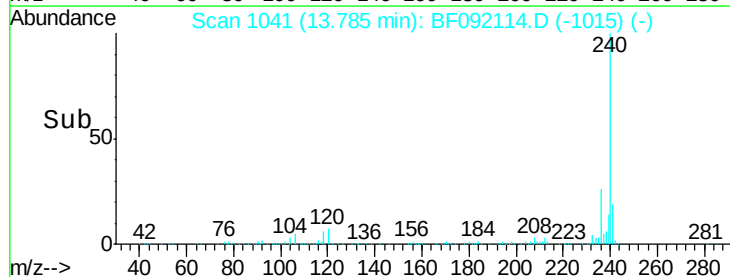
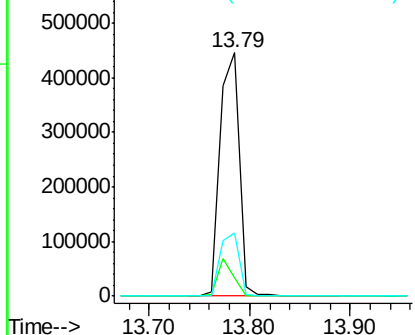


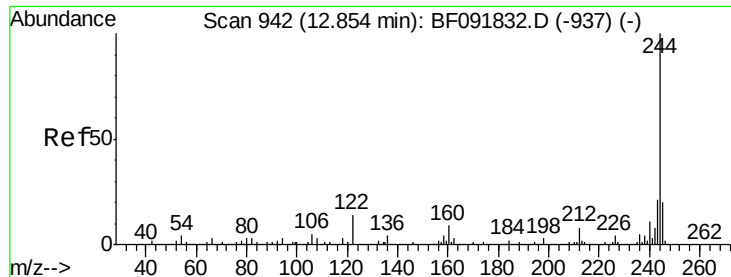
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092114.D
Acq: 6 Jan 2017 13:57

Tgt Ion:240 Resp: 593912
Ion Ratio Lower Upper
240 100
120 7.3 12.9 19.3#
236 25.8 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

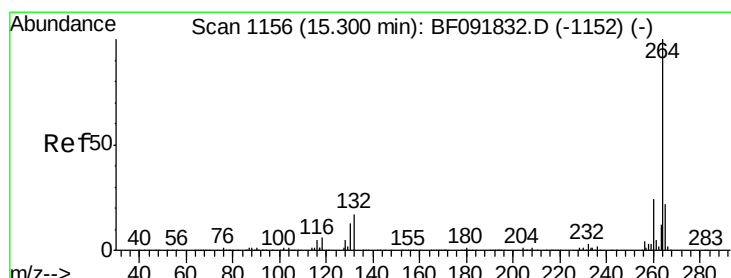
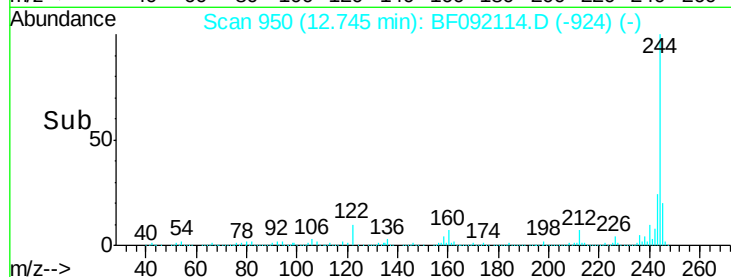
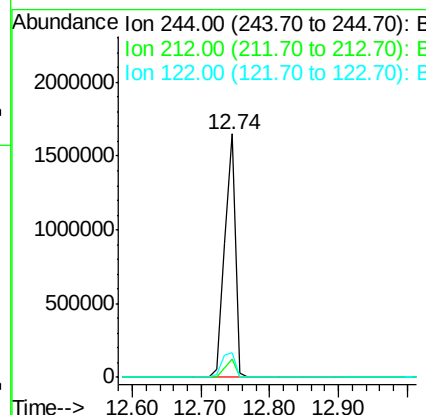
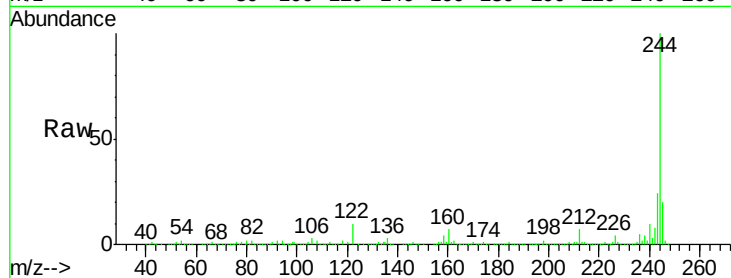




#78
 Terphenyl-d14
 Concen: 74.36 ng
 RT: 12.74 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092114.D
 Acq: 6 Jan 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BL

Tot Ion:244 Resp: 1821071
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092114.D
 Acq: 6 Jan 2017 13:57

Tgt Ion:264 Resp: 467592
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 17.4 26.0

