

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089084.D
 Acq On : 18 Jul 2016 15:06
 Operator : UM/SJ
 Sample : PB92185BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BL

Quant Time: Jul 19 03:32:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	74957	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	293971	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	141760	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	285564	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	244886	20.00	ng	0.00
86) Perylene-d12	15.13	264	201092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	468799	93.73	ng	0.02
7) Phenol-d6	6.30	99	555623	85.98	ng	0.00
23) Nitrobenzene-d5	7.21	82	391247	69.75	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	123650	93.93	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	690326	76.92	ng	0.00
78) Terphenyl-d14	12.73	244	596084	54.22	ng	0.00

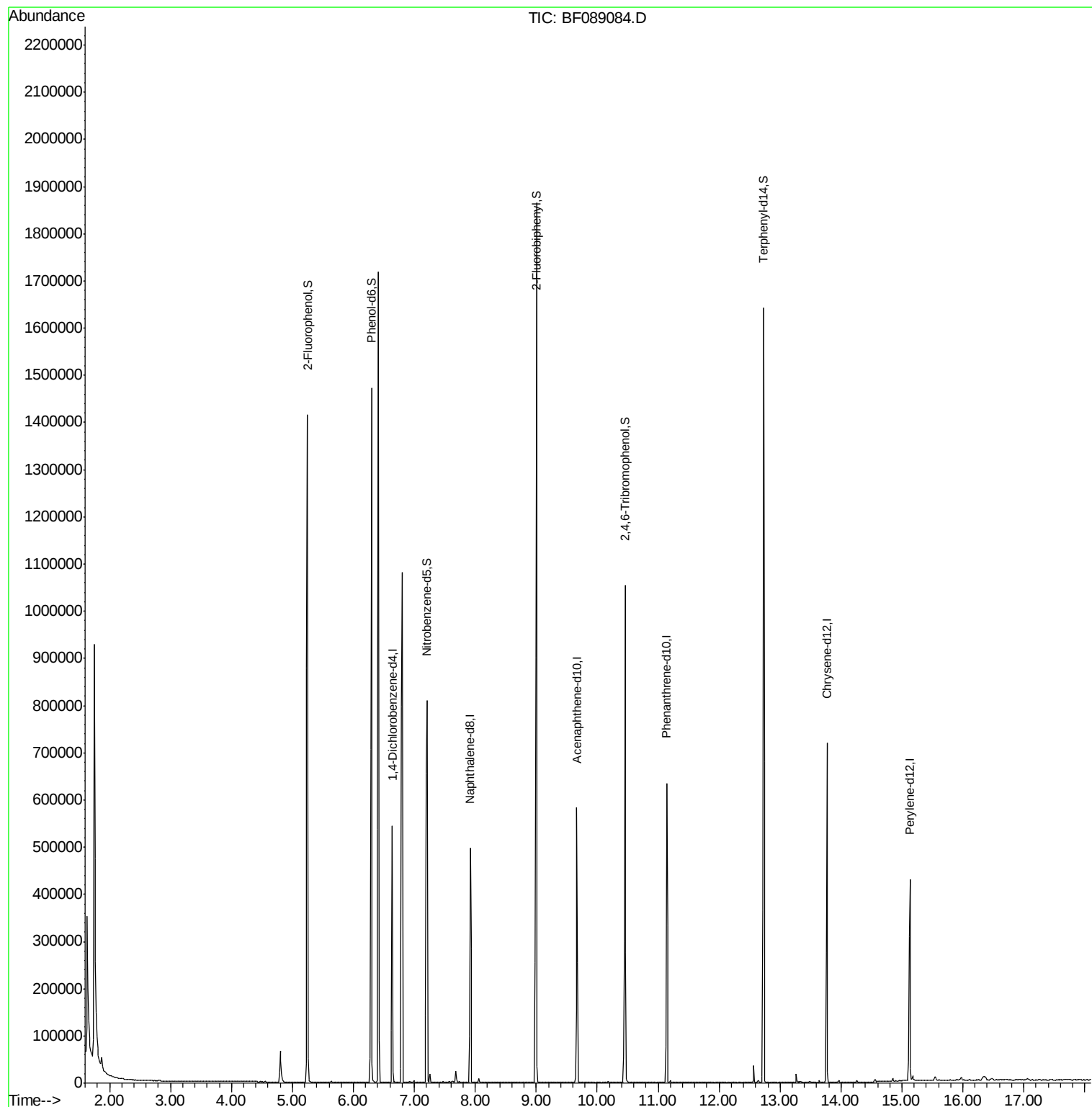
Target Compounds Qvalue

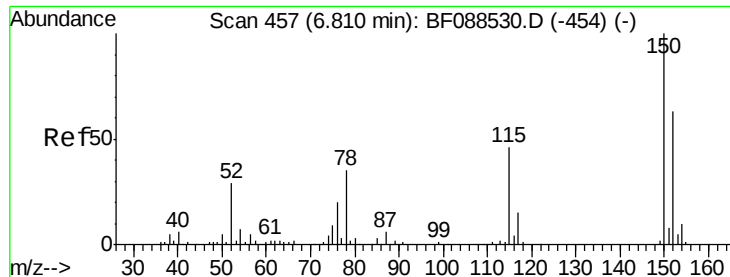
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 19 03:29:12 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

Instrument :

BNA_F

ClientSampleId :

PB92185BL

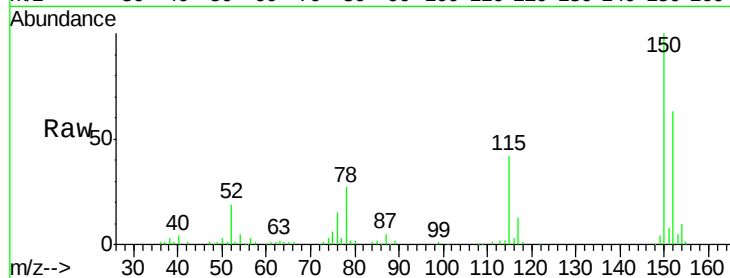
Tot Ion:152 Resp: 74957

Ion Ratio Lower Upper

152 100

150 158.7 123.8 185.6

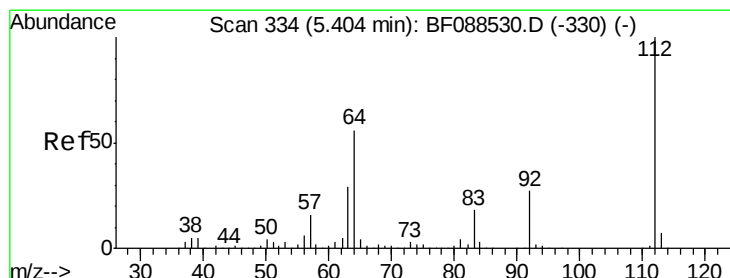
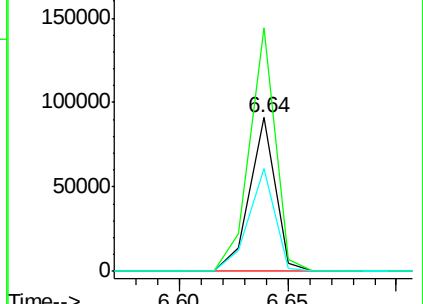
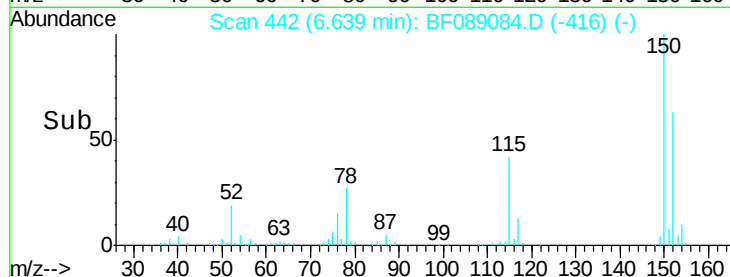
115 66.8 39.6 59.4#



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: 93.73 ng

RT: 5.24 min Scan# 320

Delta R.T. 0.02 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

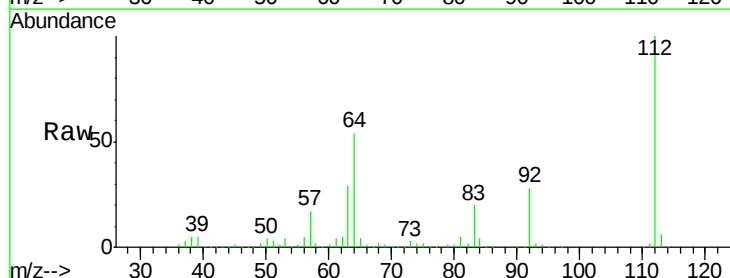
Tgt Ion:112 Resp: 468799

Ion Ratio Lower Upper

112 100

64 54.2 42.2 63.2

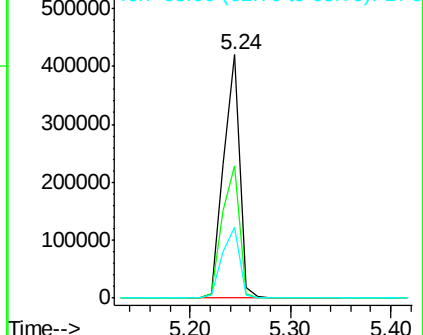
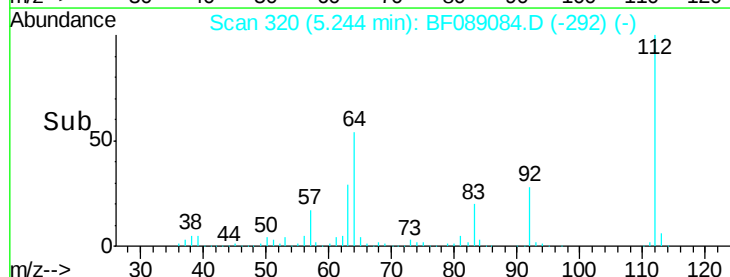
63 29.1 21.8 32.8

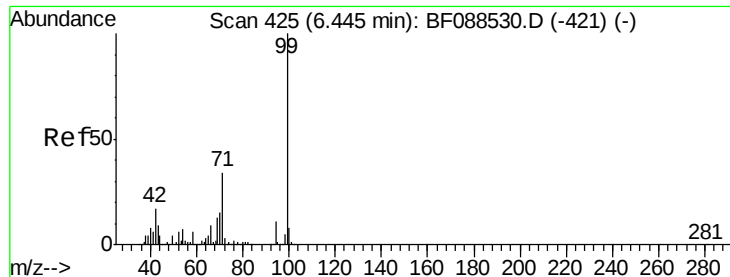


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.98 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

Instrument :

BNA_F

ClientSampleId :

PB92185BL

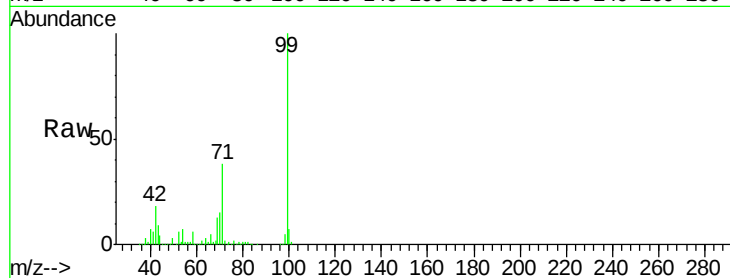
Tot Ion: 99 Resp: 555623

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.2#

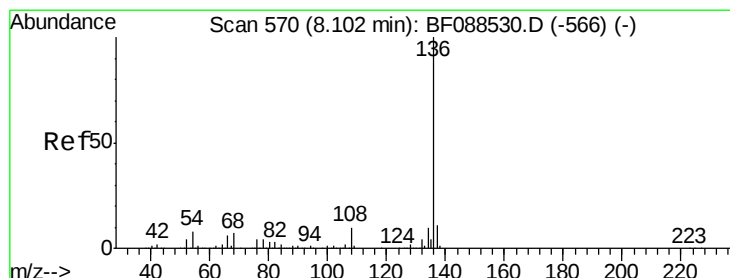
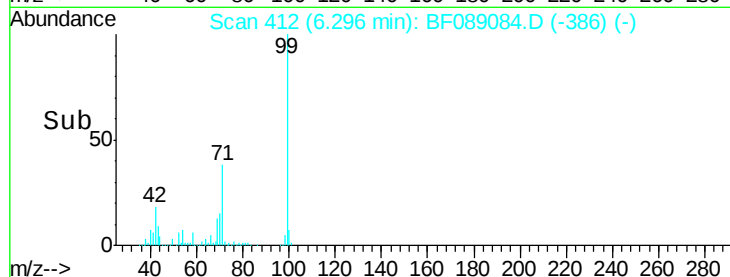
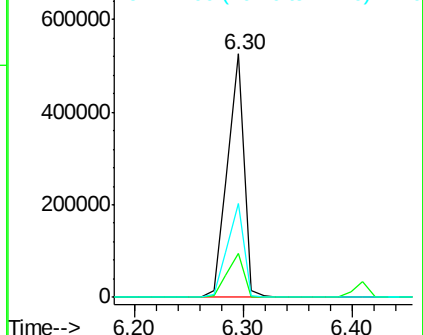
71 38.3 23.4 35.0#



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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089084.D

Acq: 18 Jul 2016 15:06

Tgt Ion: 136 Resp: 293971

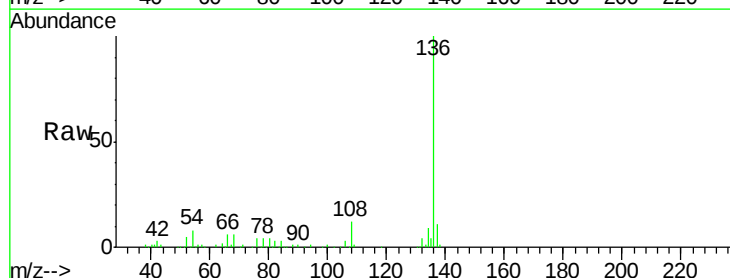
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.3 6.6 10.0

68 6.3 5.1 7.7

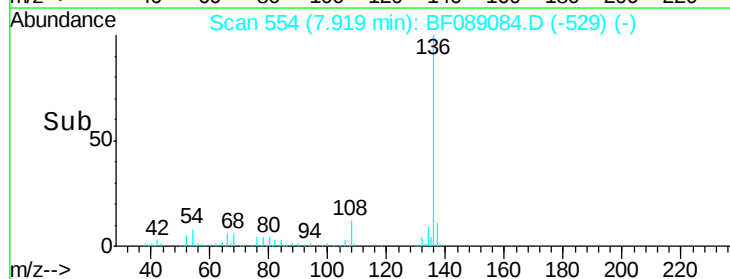
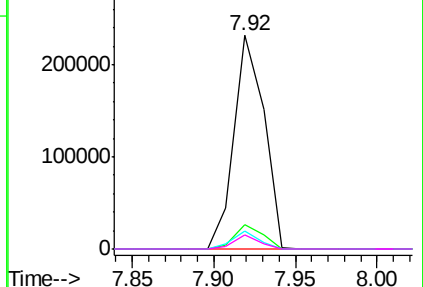


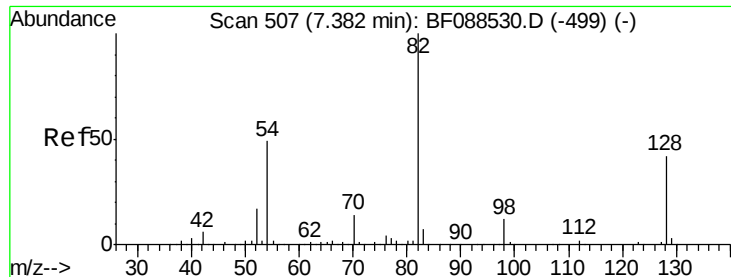
Abundance Ion 136.00 (135.70 to 136.70): E

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

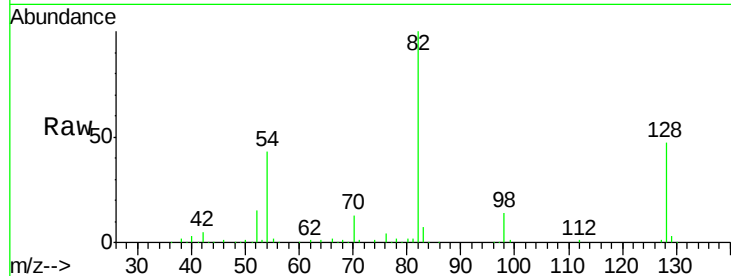




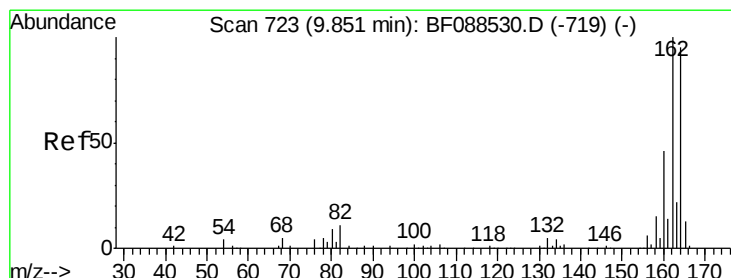
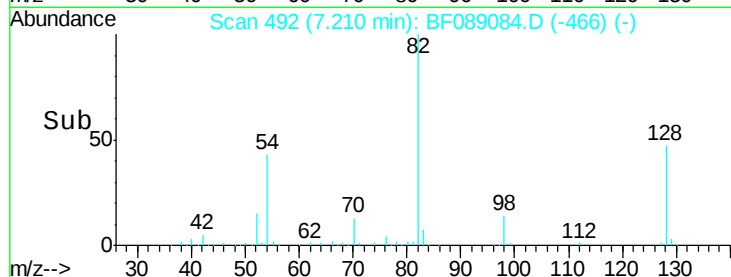
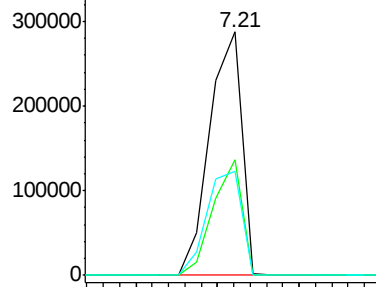
#23
 Nitrobenzene-d5
 Concen: 69.75 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Instrument :
 BNA_F
 ClientSampled :
 PB92185BL

Tot Ion	82	Resp	391247
Ion Ratio	100	Lower	Upper
128	47.4	35.9	53.9
54	42.8	40.9	61.3

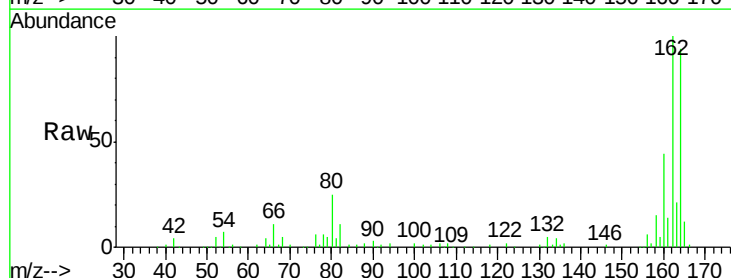


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

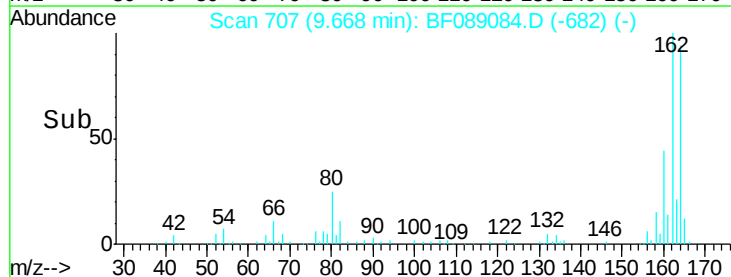
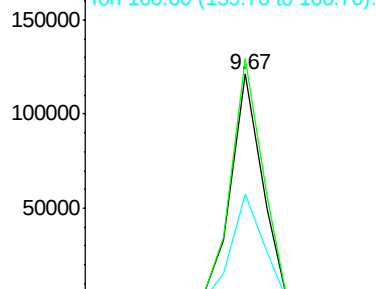


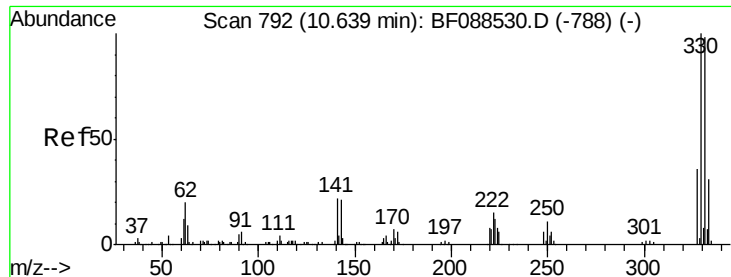
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Tgt Ion	164	Resp	141760
Ion Ratio	100	Lower	Upper
162	106.9	85.4	128.2
160	47.2	39.5	59.3



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

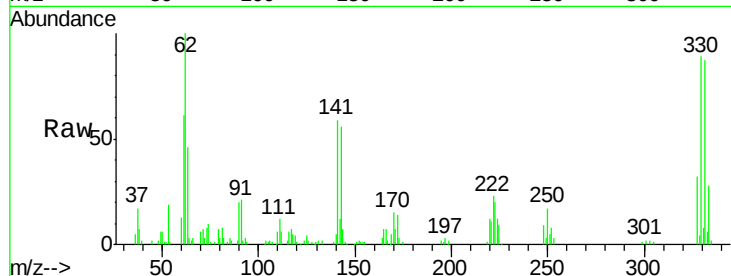




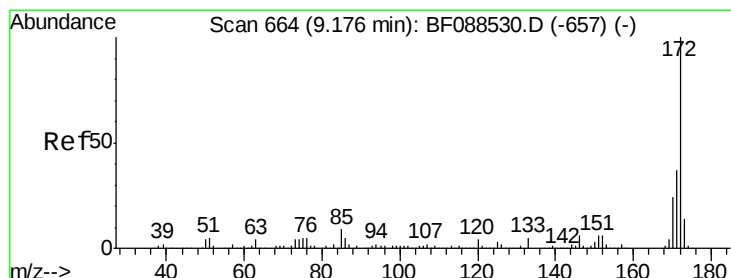
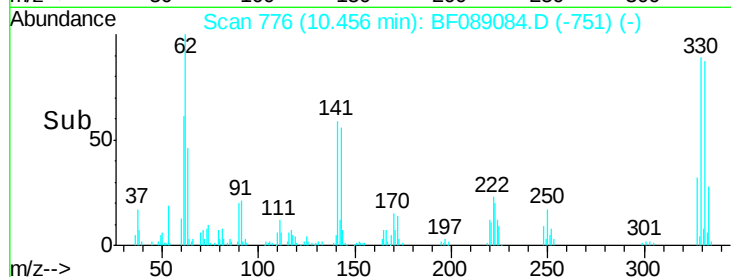
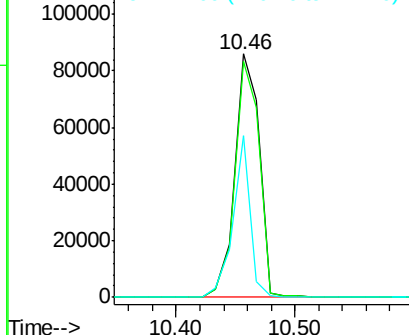
#41
 2,4,6-Tribromophenol
 Concen: 93.93 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	46.3	0.0	0.0#

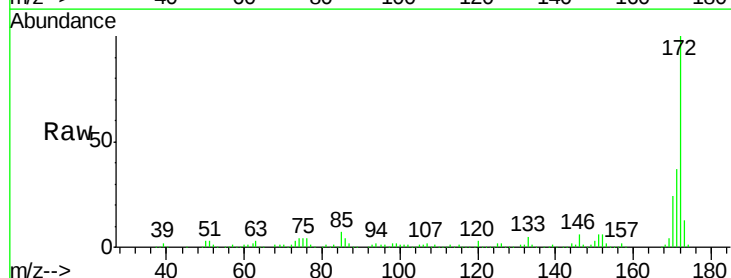


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

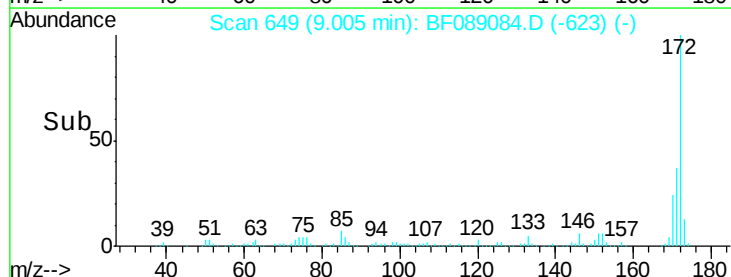
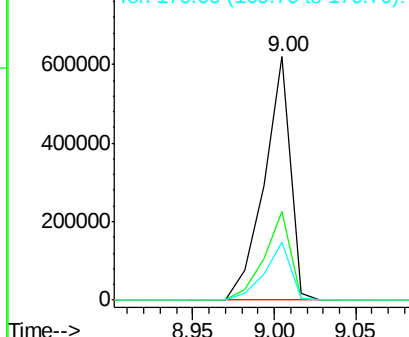


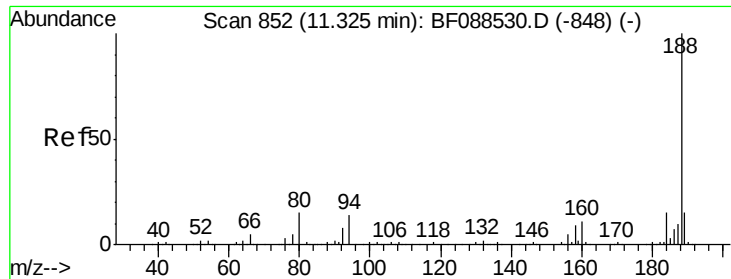
#44
 2-Fluorobiphenyl
 Concen: 76.92 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	23.9	19.2	28.8



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

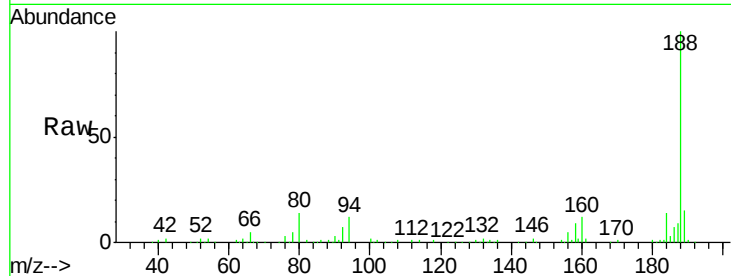




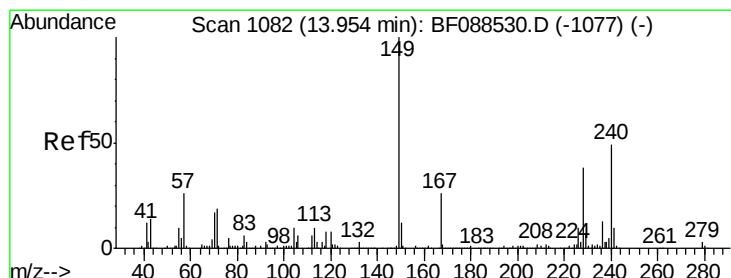
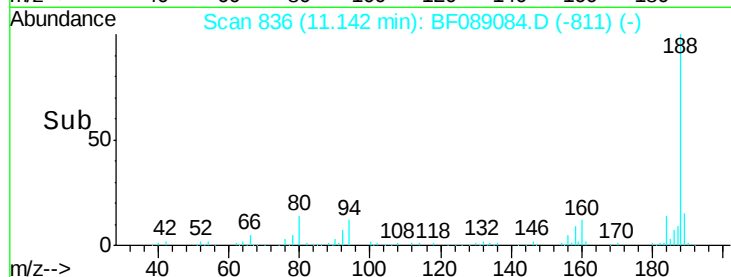
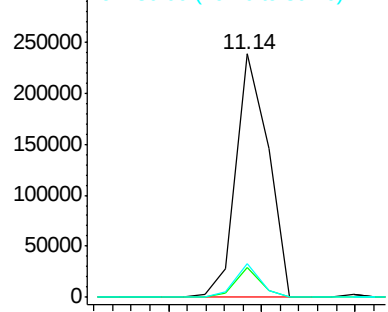
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF089084.D
Acq: 18 Jul 2016 15:06

Instrument :
BNA_F
ClientSampleId :
PB92185BL

Tot Ion:188 Resp: 285564
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.6
80 13.9 10.0 15.0

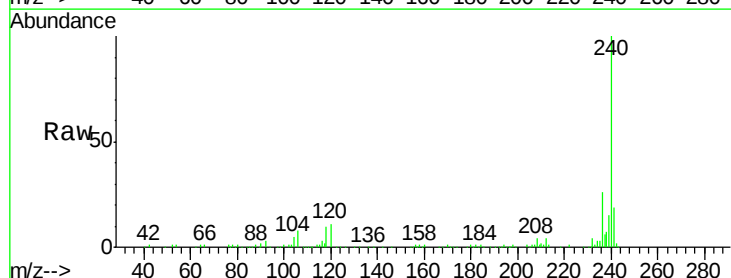


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

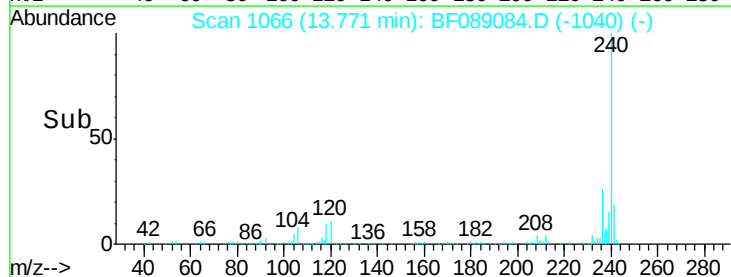
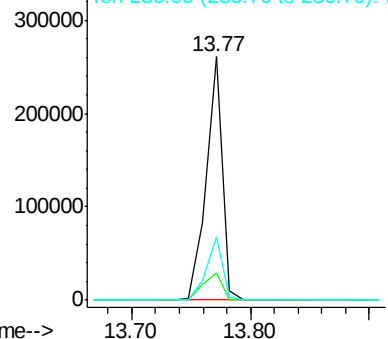


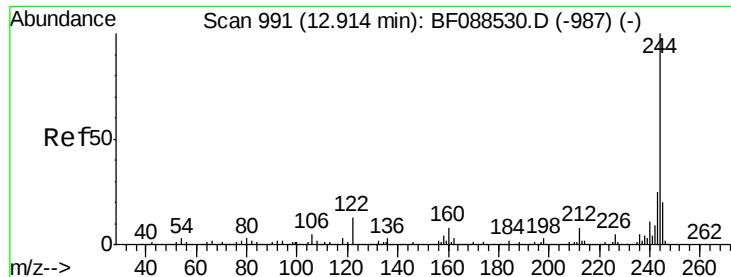
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF089084.D
Acq: 18 Jul 2016 15:06

Tgt Ion:240 Resp: 244886
Ion Ratio Lower Upper
240 100
120 11.1 6.8 10.2#
236 26.1 20.2 30.2



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

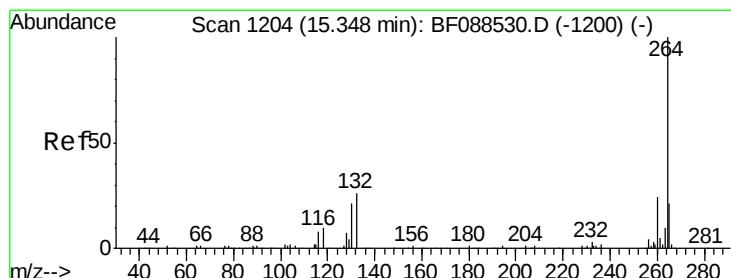
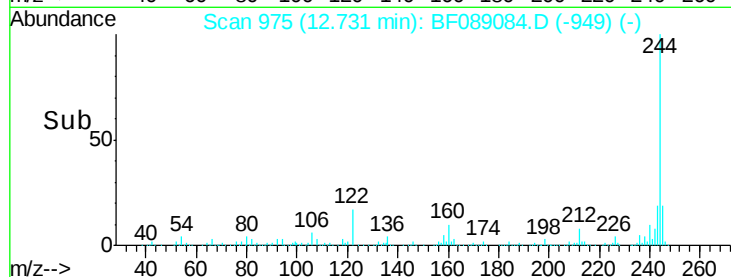
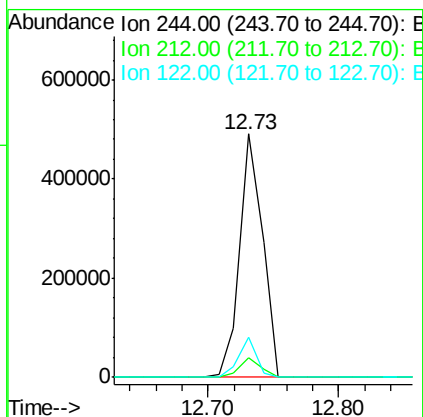
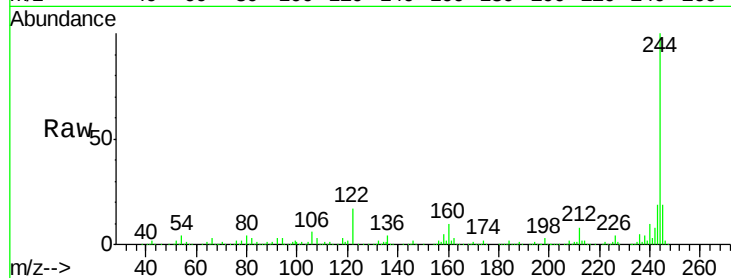




#78
 Terphenyl-d14
 Concen: 54.22 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92185BL

Tot Ion:244 Resp: 596084
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 16.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF089084.D
 Acq: 18 Jul 2016 15:06

Tgt Ion:264 Resp: 201092
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.5 16.9 25.3

