

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
 Data File : BF081312.D
 Acq On : 1 Sep 2015 19:33
 Operator : UM/IZ
 Sample : PB85326BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BL

Quant Time: Sep 02 01:14:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	58199	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	222738	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	107787	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	211376	20.00	ng	0.00
75) Chrysene-d12	13.49	240	165983	20.00	ng	-0.01
86) Perylene-d12	14.80	264	133739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	459323	122.45	ng	0.02
7) Phenol-d6	6.06	99	666792	134.29	ng	0.00
23) Nitrobenzene-d5	6.96	82	346147	74.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	134194	139.82	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	669476	79.59	ng	0.00
78) Terphenyl-d14	12.47	244	552998	77.56	ng	0.00

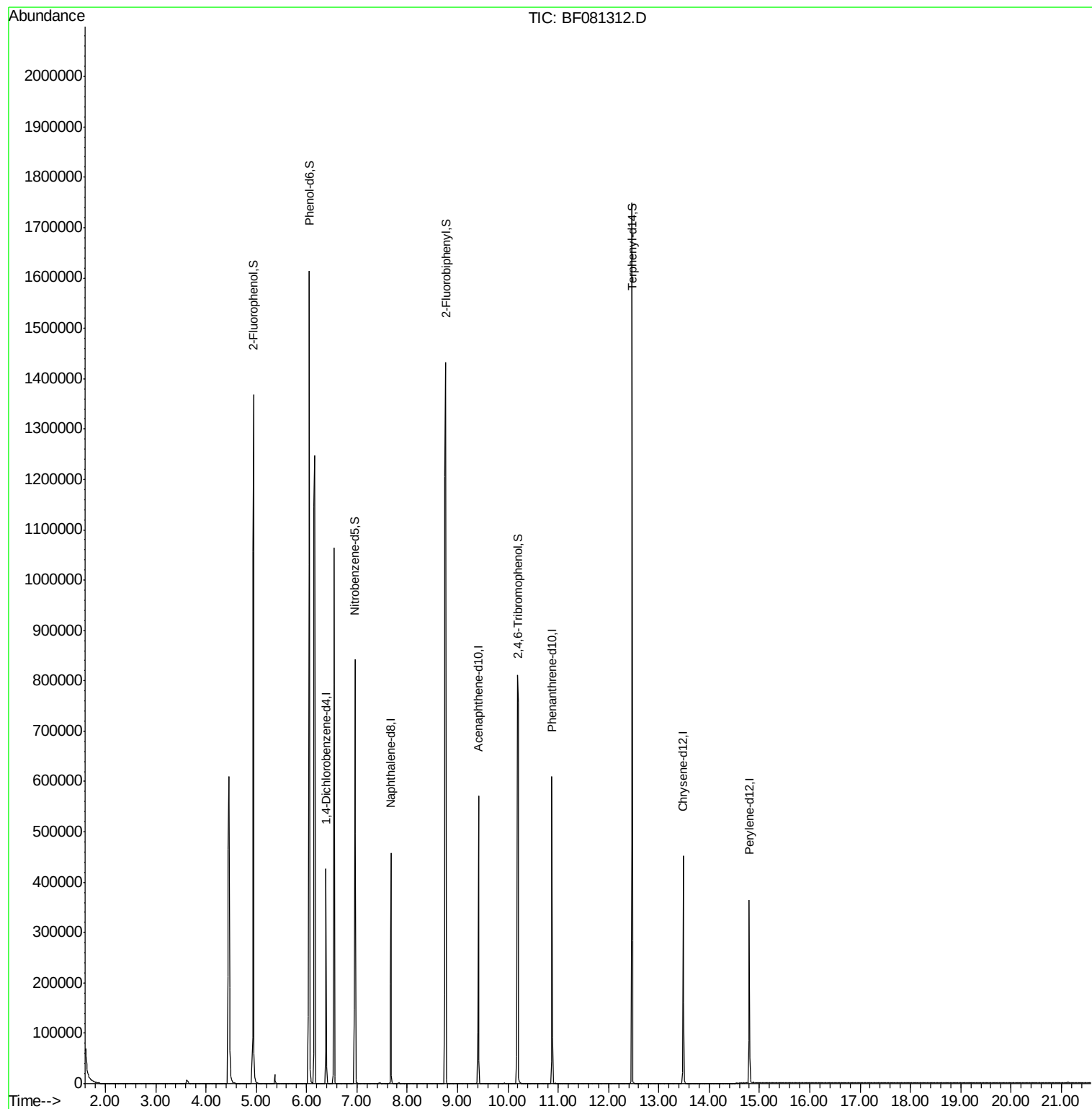
Target Compounds	Qvalue
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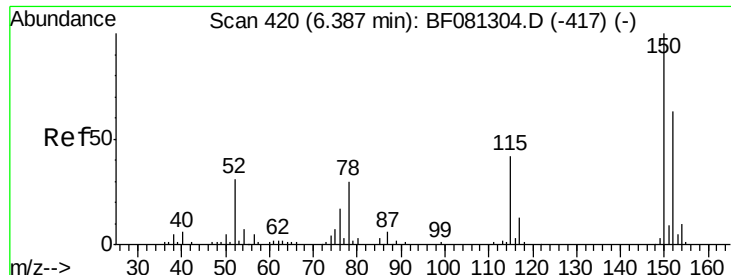
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081312.D

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ClientSampleId :

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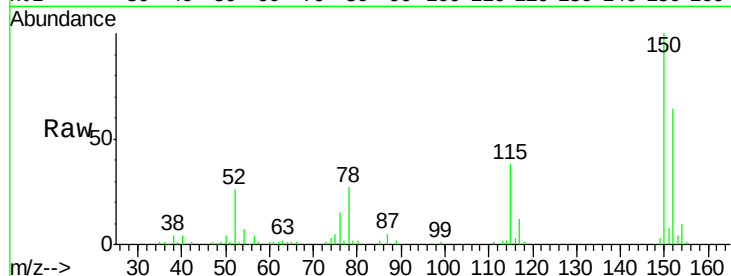
Tgt Ion:152 Resp: 58199

Ion Ratio Lower Upper

152 100

150 157.2 124.7 187.1

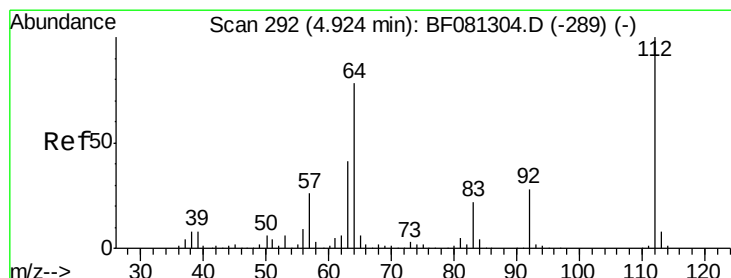
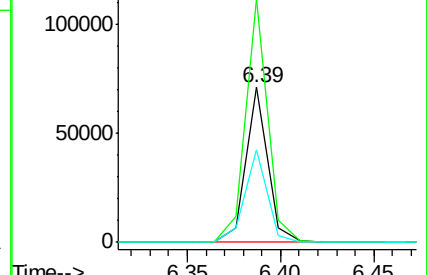
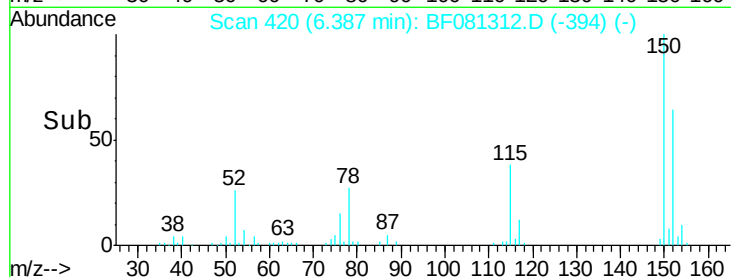
115 60.1 39.0 58.4#



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: 122.45 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081312.D

Acq: 1 Sep 2015 19:33

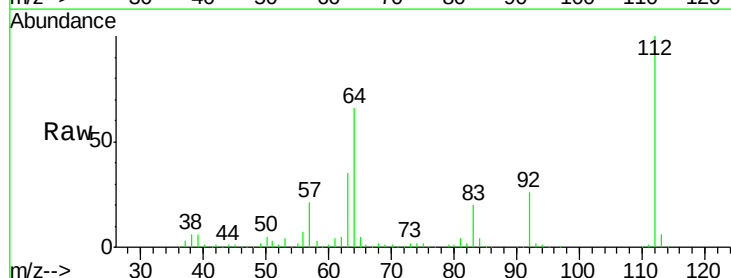
Tgt Ion:112 Resp: 459323

Ion Ratio Lower Upper

112 100

64 66.1 39.7 59.5#

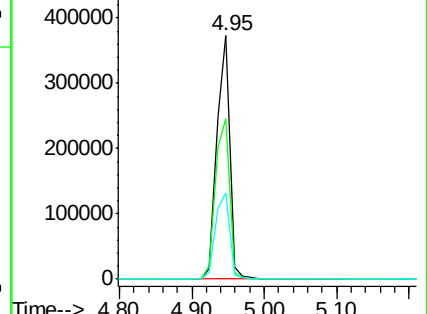
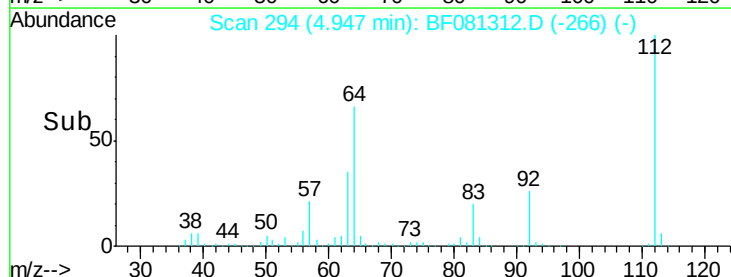
63 35.2 17.4 26.0#

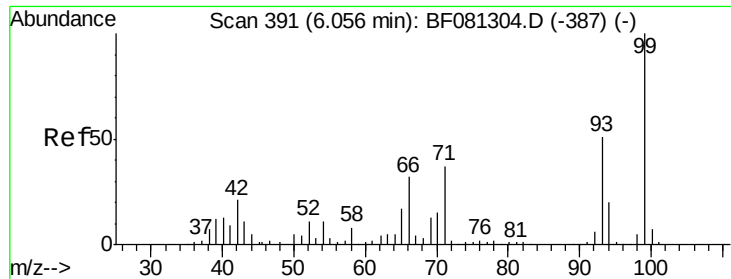


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.29 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081312.D

Acq: 1 Sep 2015 19:33

Instrument :

BNA_F

ClientSampleId :

PB85326BL

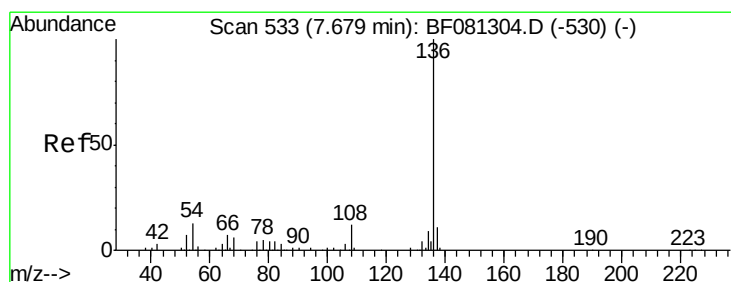
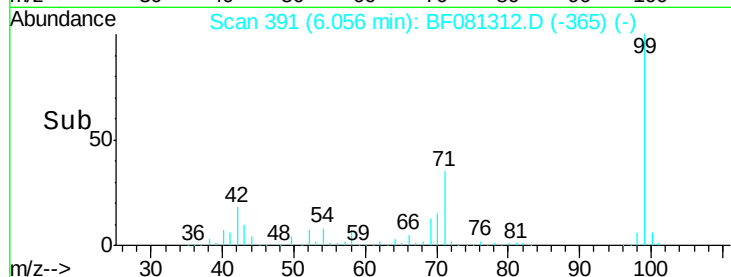
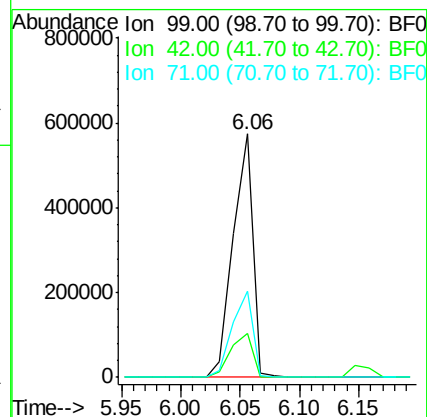
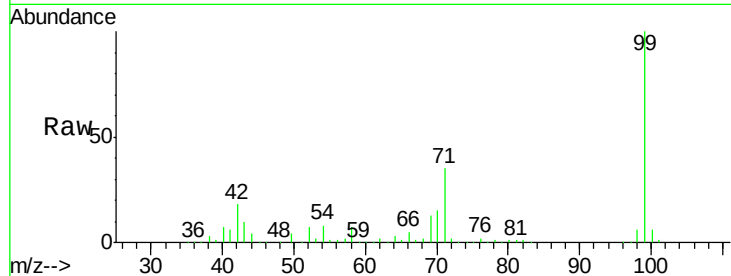
Tgt Ion: 99 Resp: 666792

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

71 35.2 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081312.D

Acq: 1 Sep 2015 19:33

Tgt Ion: 136 Resp: 222738

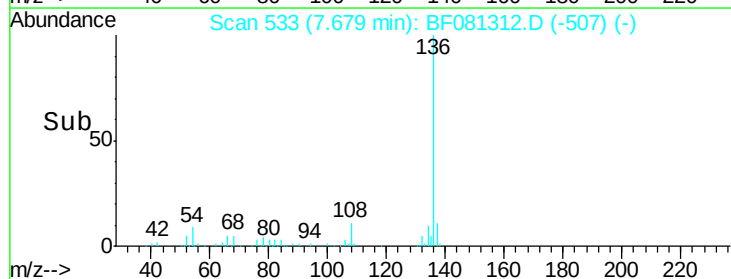
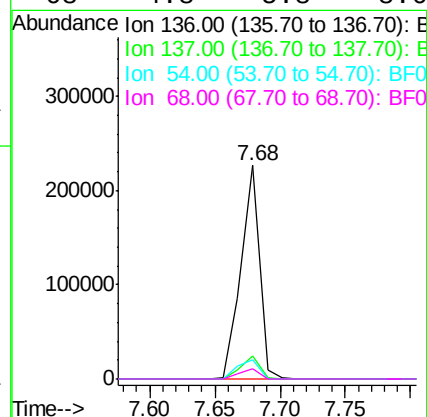
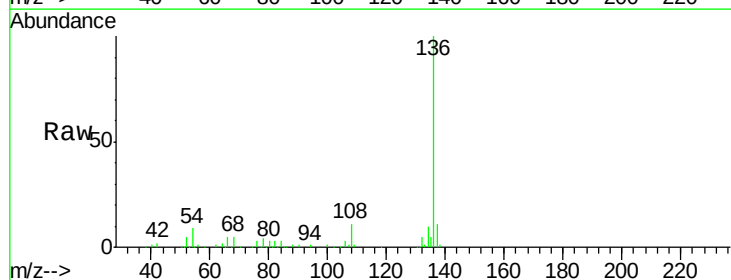
Ion Ratio Lower Upper

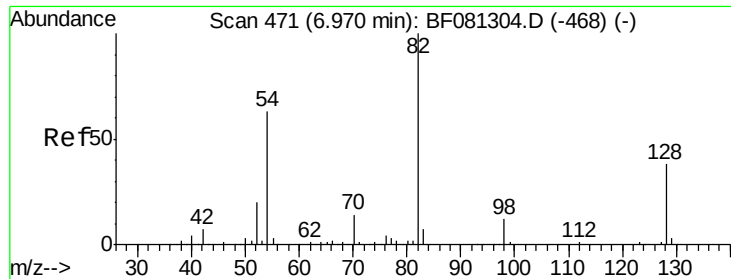
136 100

137 10.6 9.0 13.6

54 9.2 8.2 12.2

68 4.8 5.8 8.6#

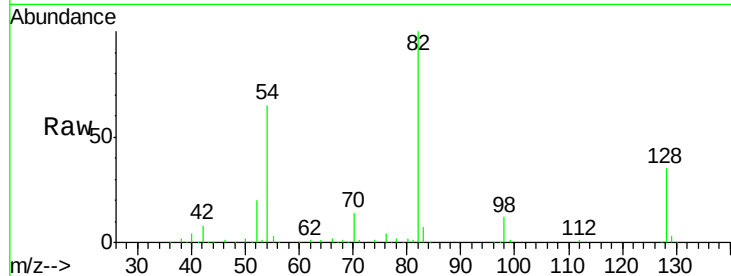




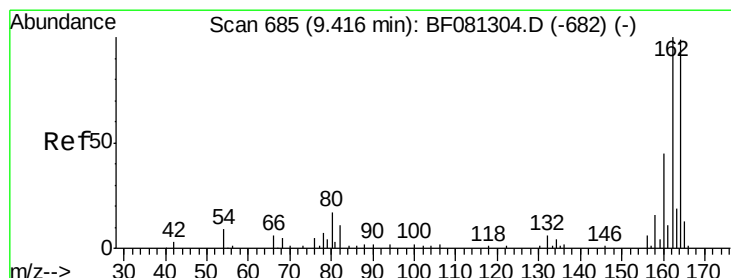
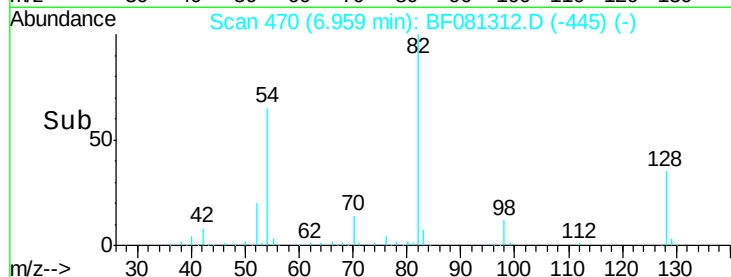
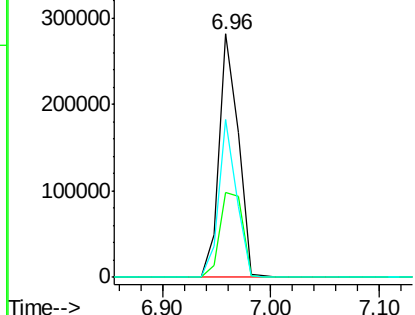
#23
 Nitrobenzene-d5
 Concen: 74.98 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081312.D
 Acq: 1 Sep 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BL

Tgt Ion: 82 Resp: 346147
 Ion Ratio Lower Upper
 82 100
 128 35.0 51.0 76.6#
 54 65.0 47.5 71.3

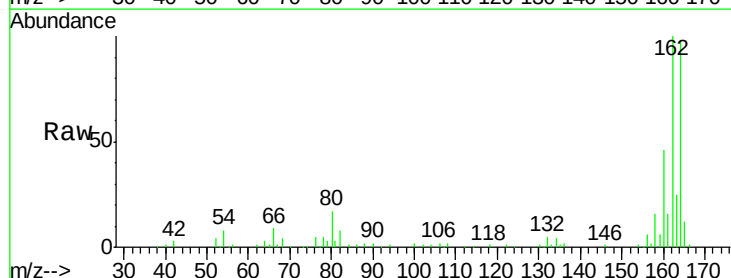


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

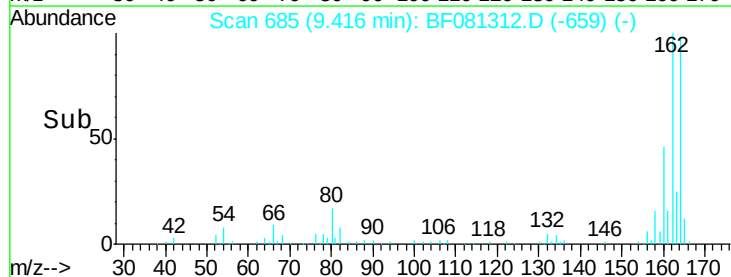
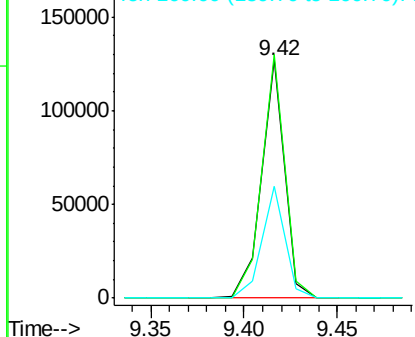


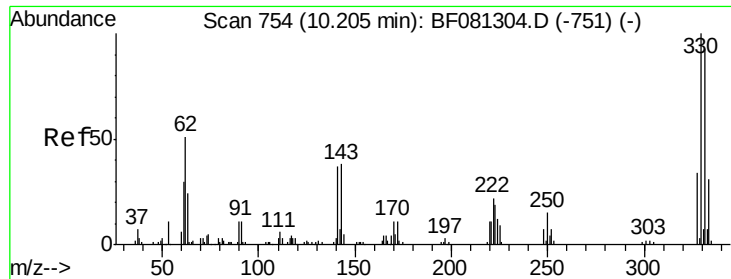
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081312.D
 Acq: 1 Sep 2015 19:33

Tgt Ion: 164 Resp: 107787
 Ion Ratio Lower Upper
 164 100
 162 102.3 75.2 112.8
 160 46.9 31.5 47.3



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

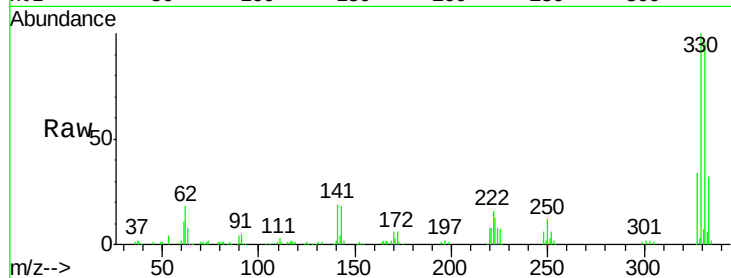




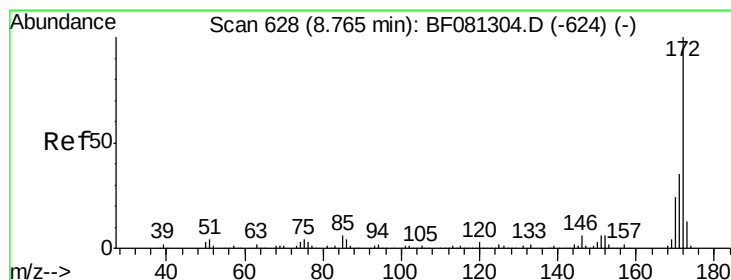
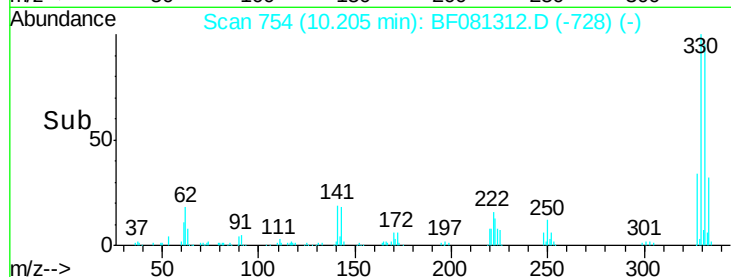
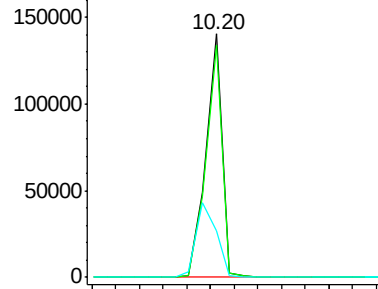
#41
 2,4,6-Tribromophenol
 Concen: 139.82 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081312.D
 Acq: 1 Sep 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BL

Tgt Ion:330 Resp: 134194
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 37.8 29.7 44.5

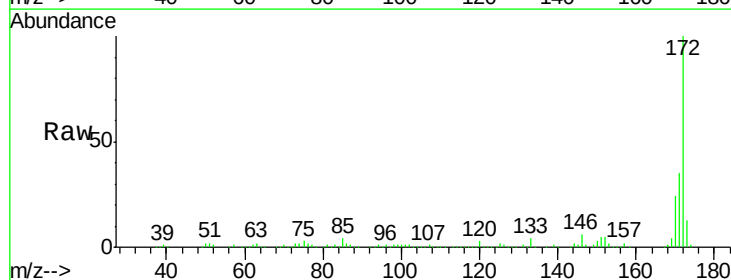


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

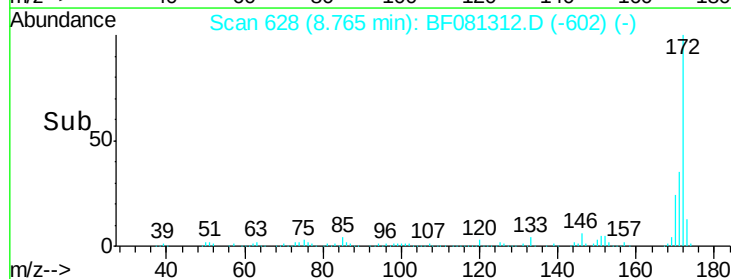
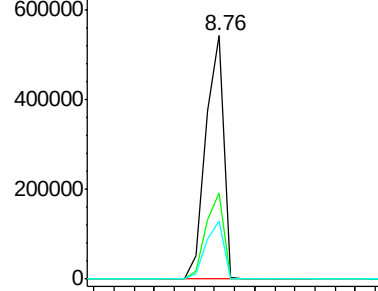


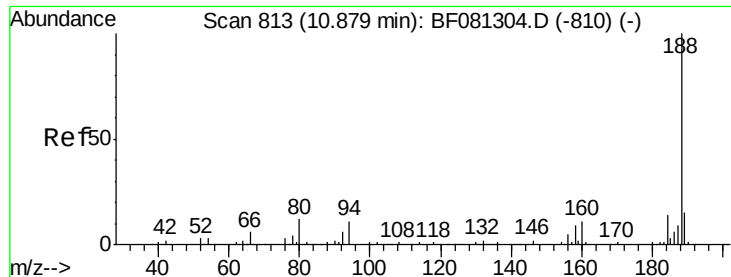
#44
 2-Fluorobiphenyl
 Concen: 79.59 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081312.D
 Acq: 1 Sep 2015 19:33

Tgt Ion:172 Resp: 669476
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.1 17.4 26.2



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

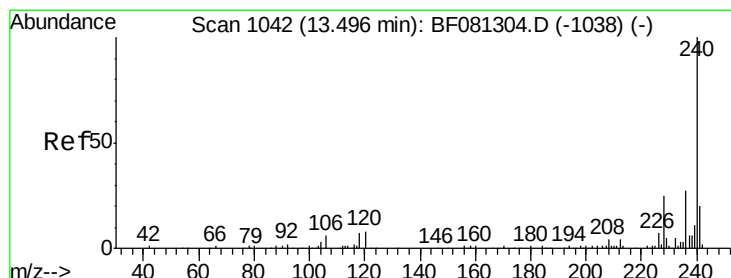
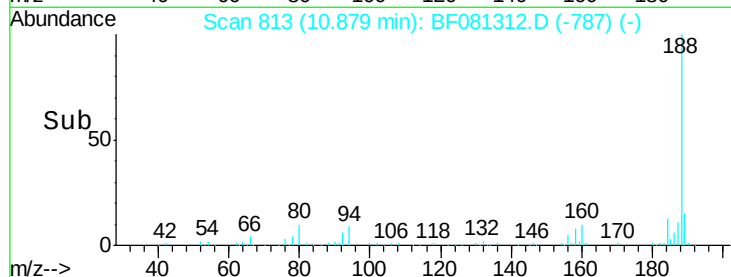
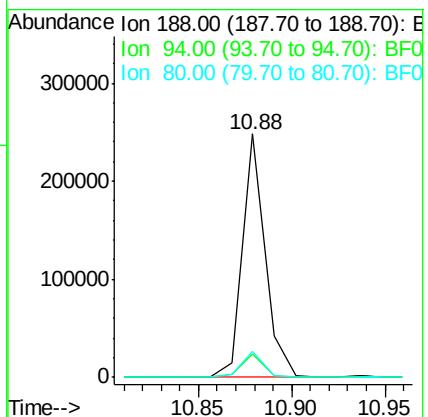
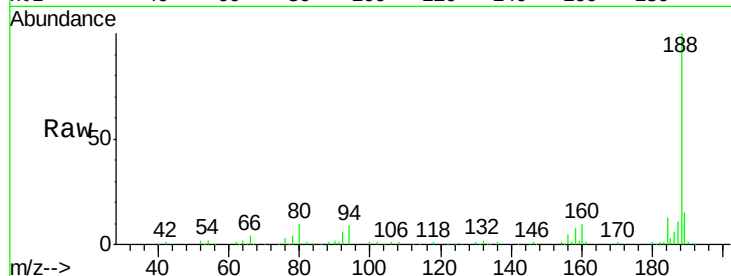




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081312.D
Acq: 1 Sep 2015 19:33

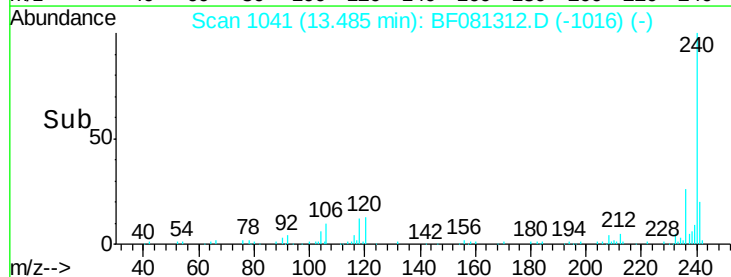
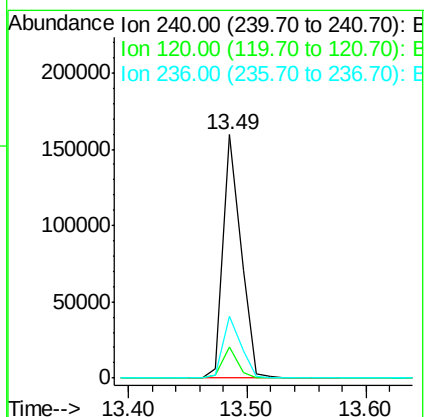
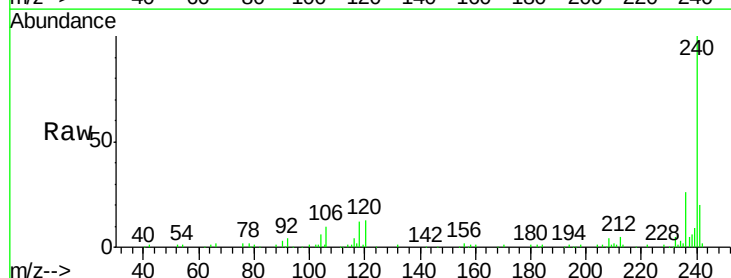
Instrument :
BNA_F
ClientSampleId :
PB85326BL

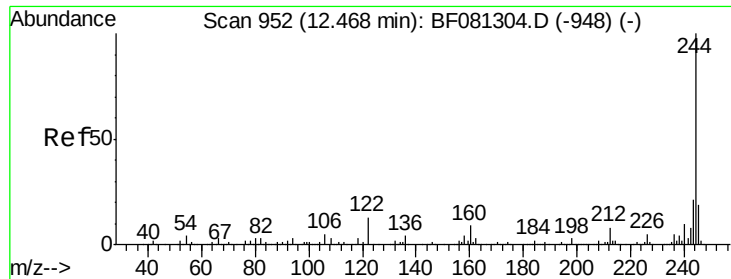
Tgt Ion:188 Resp: 211376
Ion Ratio Lower Upper
188 100
94 9.4 11.1 16.7#
80 10.5 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081312.D
Acq: 1 Sep 2015 19:33

Tgt Ion:240 Resp: 165983
Ion Ratio Lower Upper
240 100
120 12.9 16.2 24.2#
236 25.7 18.4 27.6

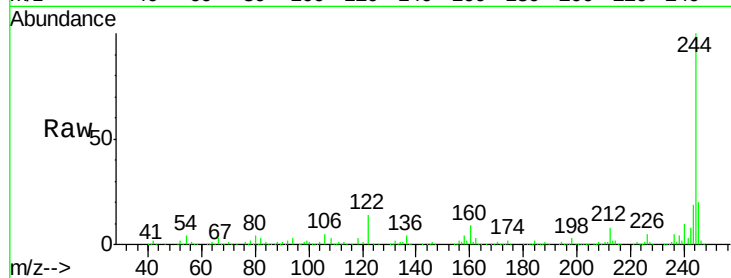




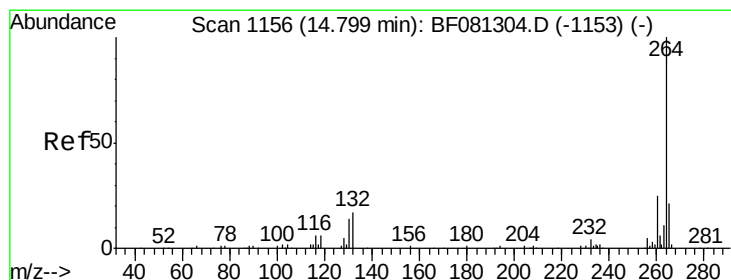
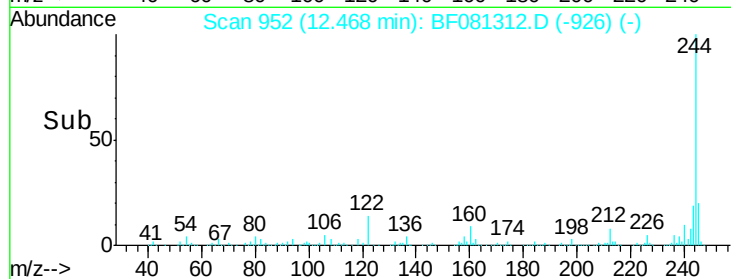
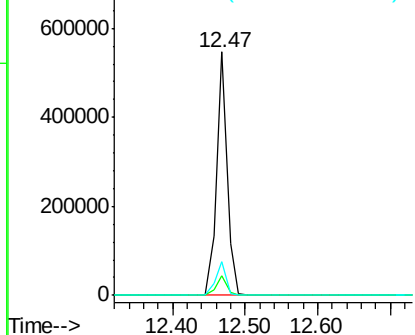
#78
 Terphenyl-d14
 Concen: 77.56 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081312.D
 Acq: 1 Sep 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BL

Tgt Ion:244 Resp: 552998
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 13.8 17.4 26.2#

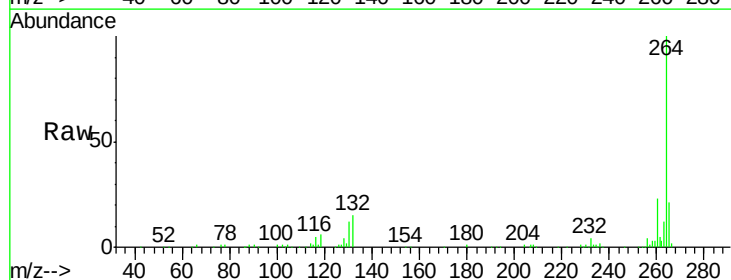


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081312.D
 Acq: 1 Sep 2015 19:33

Tgt Ion:264 Resp: 133739
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.3 17.2 25.8



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

