

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081175.D
 Acq On : 24 Aug 2015 18:27
 Operator : UM/IZ
 Sample : PB84980BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BL

Quant Time: Aug 25 11:12:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	64888	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	239924	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	116834	20.00	ng	-0.01
63) Phenanthrene-d10	11.03	188	215878	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	186138	20.00	ng	-0.01
86) Perylene-d12	14.99	264	138525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	445916	103.36	ng	0.02
7) Phenol-d6	6.18	99	614772	109.22	ng	-0.01
23) Nitrobenzene-d5	7.11	82	375071	71.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	102362	101.07	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	593151	66.52	ng	0.00
78) Terphenyl-d14	12.62	244	502351	57.86	ng	-0.01

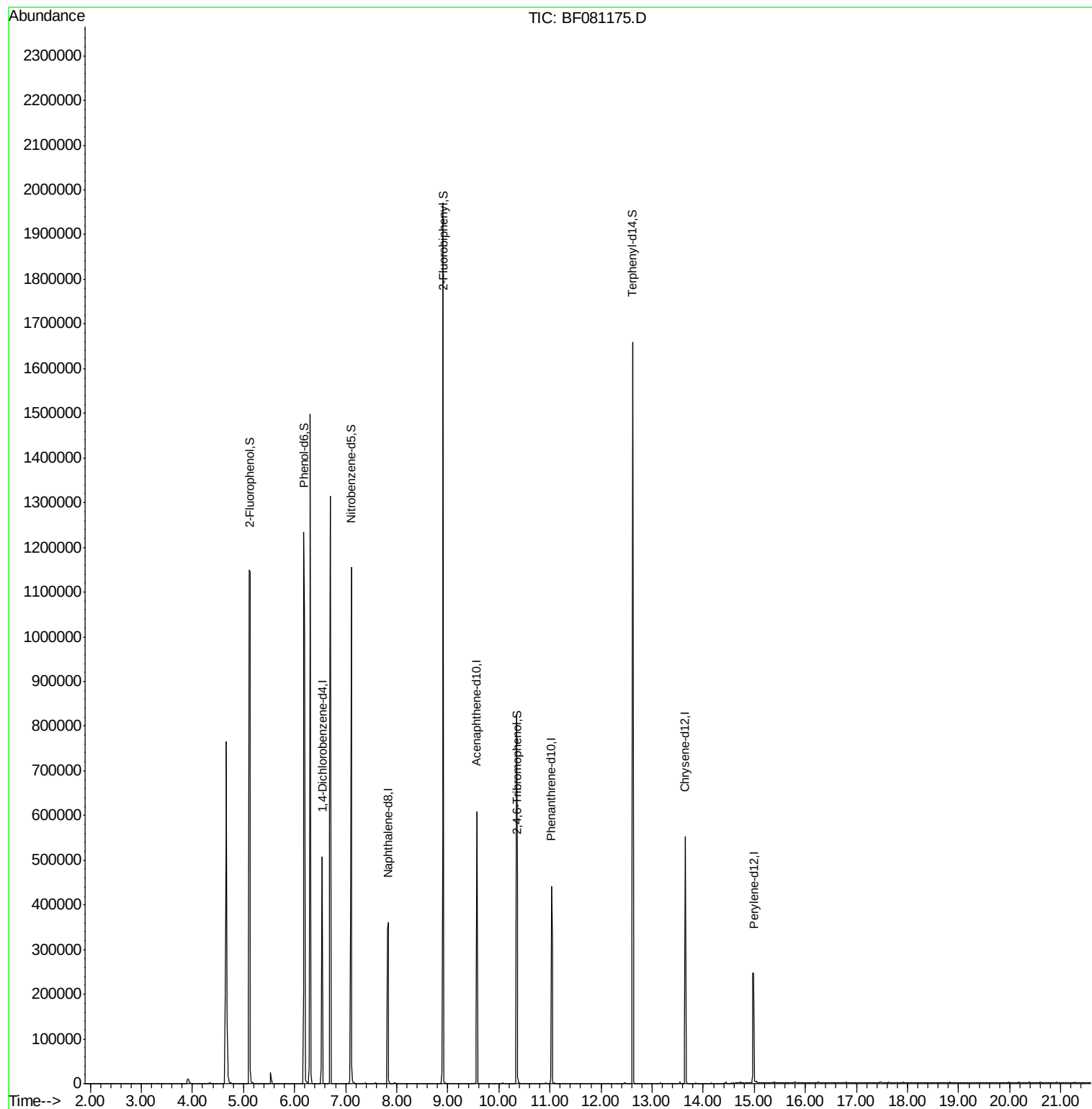
Target Compounds	Qvalue
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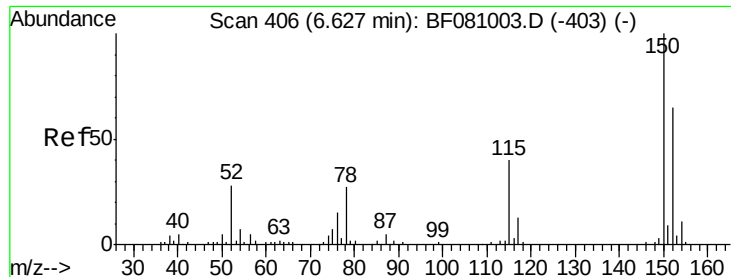
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 24 13:58:19 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB84980BL

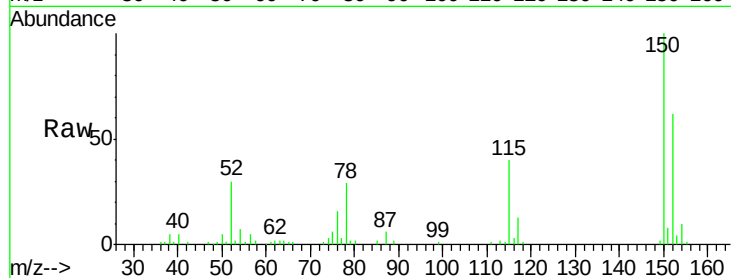
Tgt Ion:152 Resp: 64888

Ion Ratio Lower Upper

152 100

150 162.2 123.8 185.6

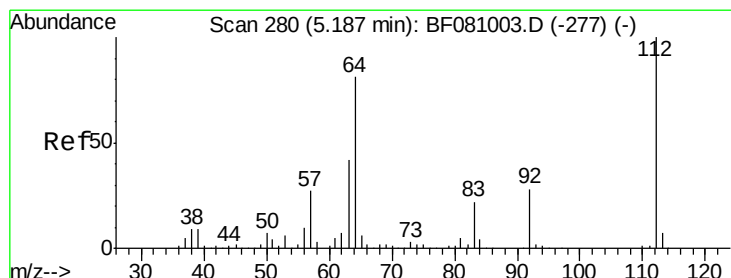
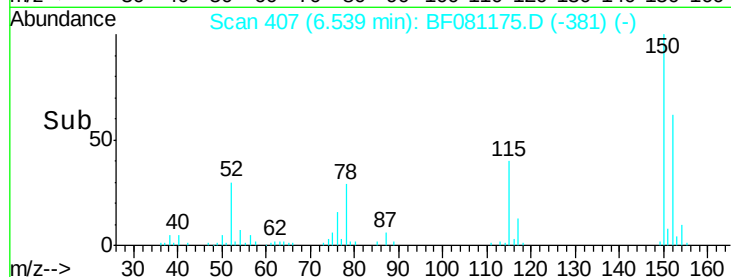
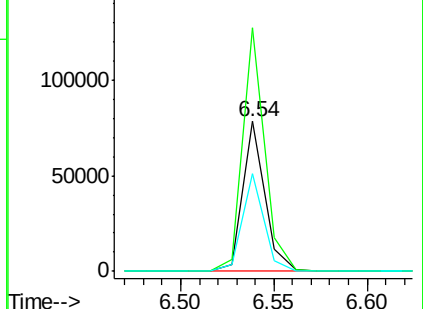
115 64.8 52.1 78.1



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: 103.36 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

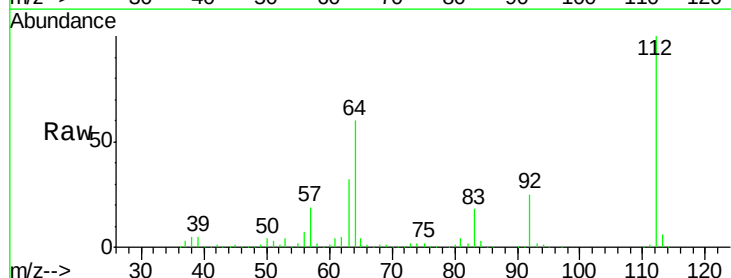
Tgt Ion:112 Resp: 445916

Ion Ratio Lower Upper

112 100

64 59.5 66.9 100.3#

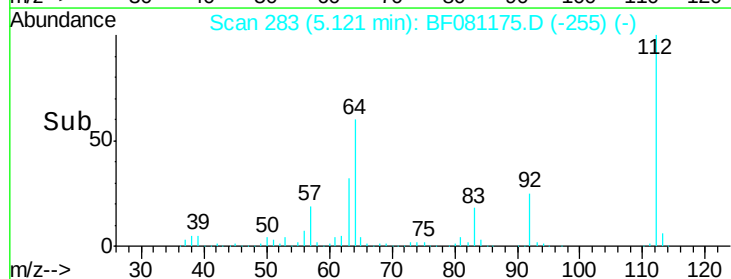
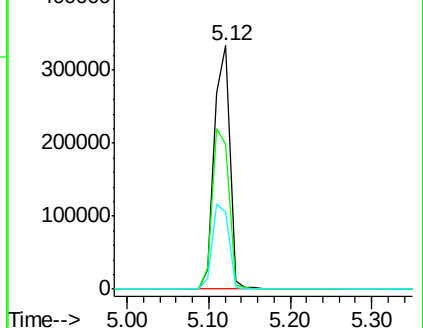
63 31.7 38.1 57.1#

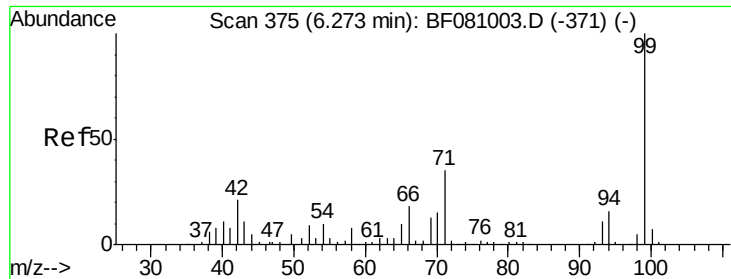


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.22 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB84980BL

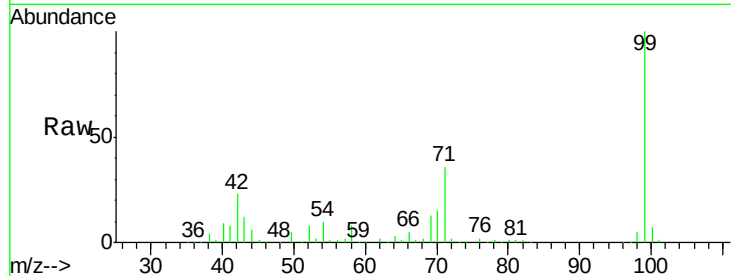
Tgt Ion: 99 Resp: 614772

Ion Ratio Lower Upper

99 100

42 23.2 19.6 29.4

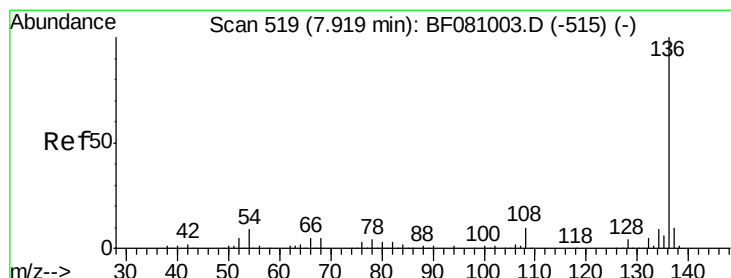
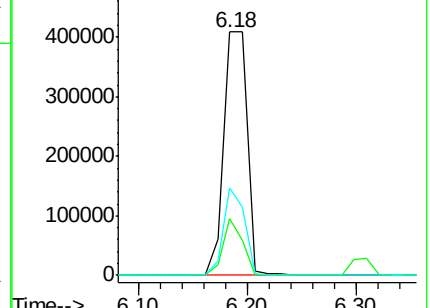
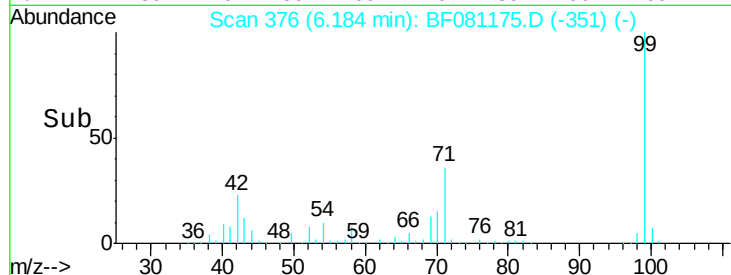
71 36.1 31.2 46.8



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: 7.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

Tgt Ion: 136 Resp: 239924

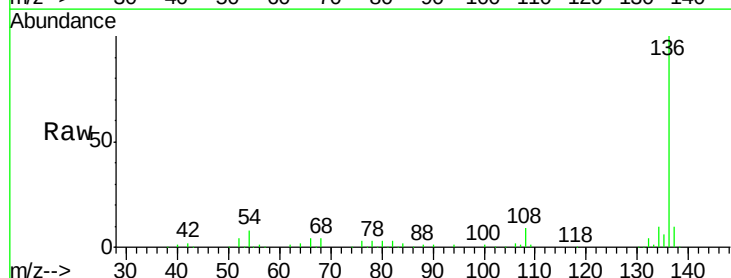
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.2

54 7.9 7.7 11.5

68 4.4 3.4 5.2

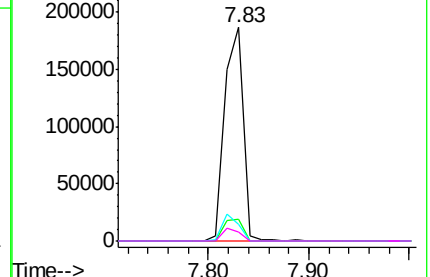
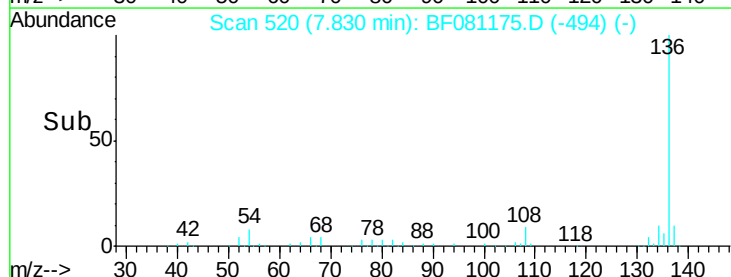


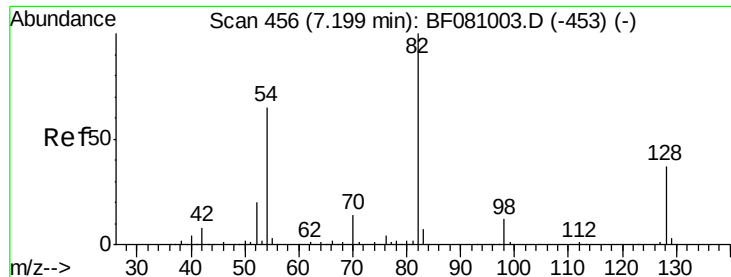
Abundance Ion 136.00 (135.70 to 136.70): E

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

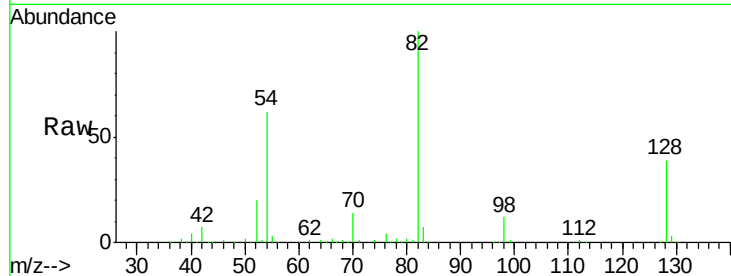




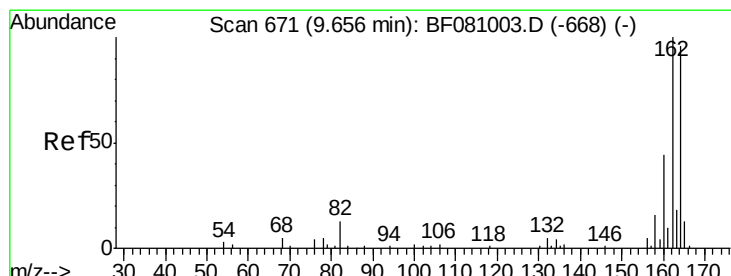
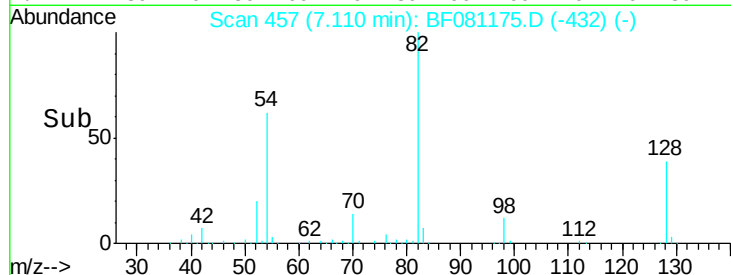
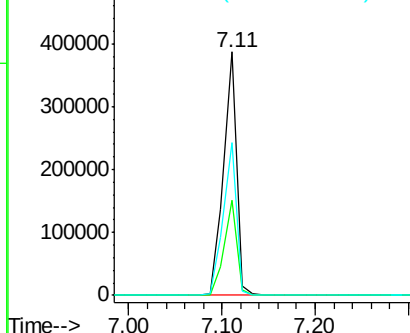
#23
 Nitrobenzene-d5
 Concen: 71.41 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BL

Tgt Ion: 82 Resp: 375071
 Ion Ratio Lower Upper
 82 100
 128 38.9 28.6 42.8
 54 62.5 55.1 82.7

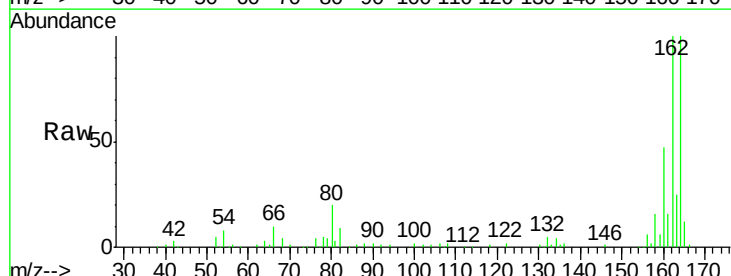


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

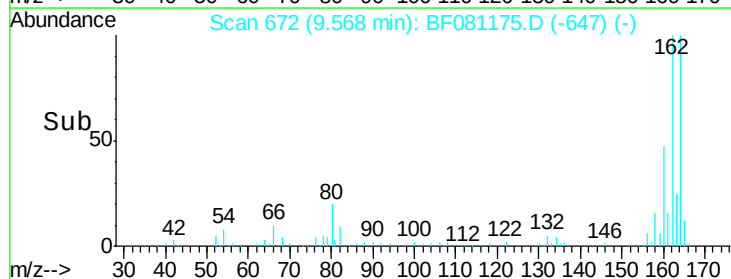
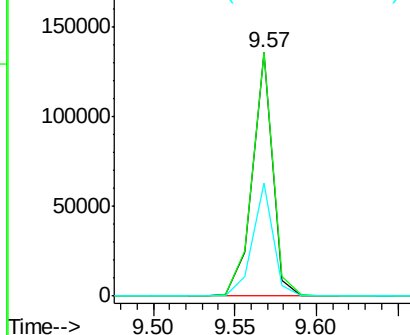


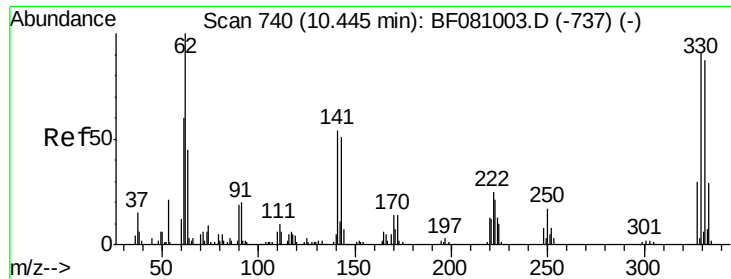
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Tgt Ion: 164 Resp: 116834
 Ion Ratio Lower Upper
 164 100
 162 100.1 83.8 125.8
 160 46.6 39.8 59.8



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

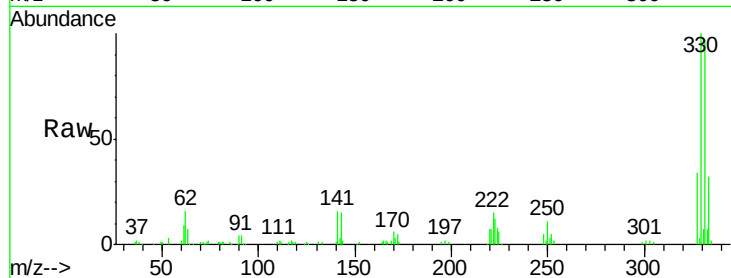




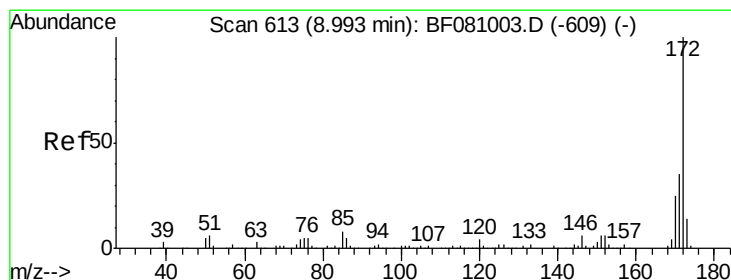
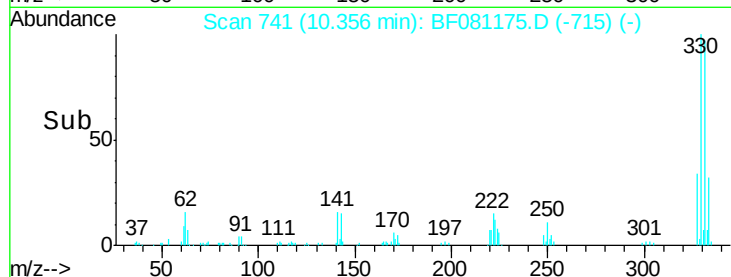
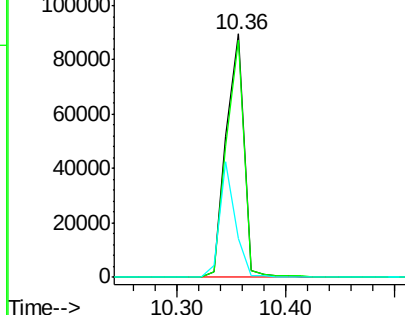
#41
 2,4,6-Tribromophenol
 Concen: 101.07 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BL

Tgt Ion:330 Resp: 102362
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 42.2 44.9 67.3#

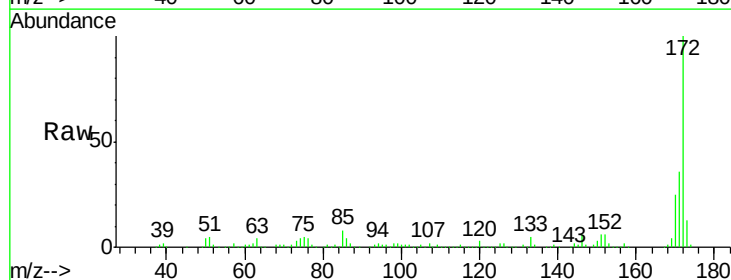


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

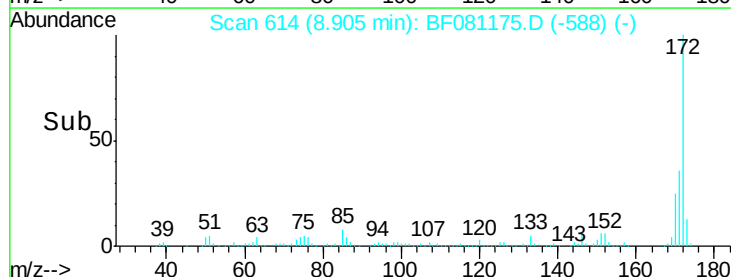
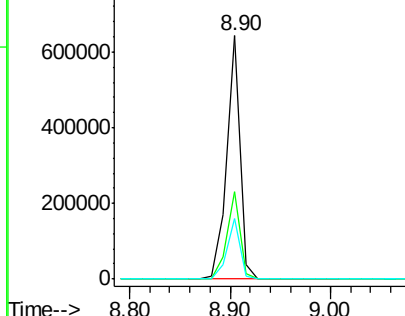


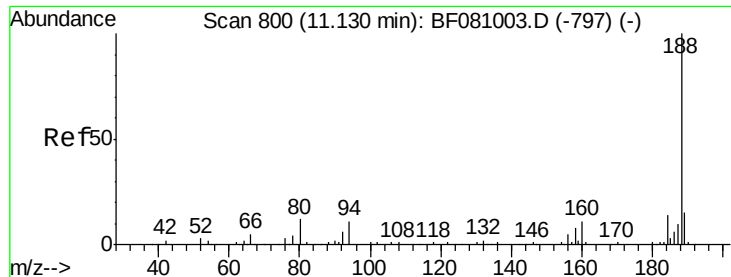
#44
 2-Fluorobiphenyl
 Concen: 66.52 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Tgt Ion:172 Resp: 593151
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.7 19.4 29.2



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

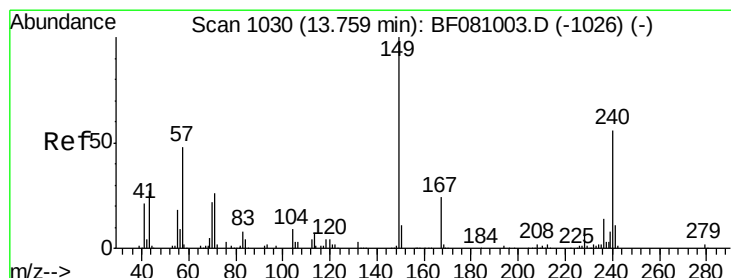
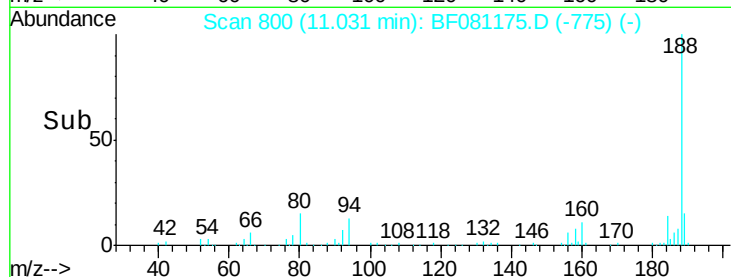
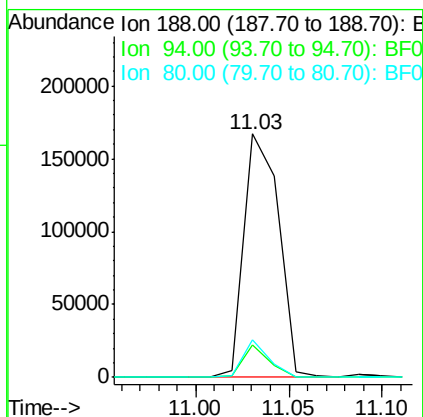
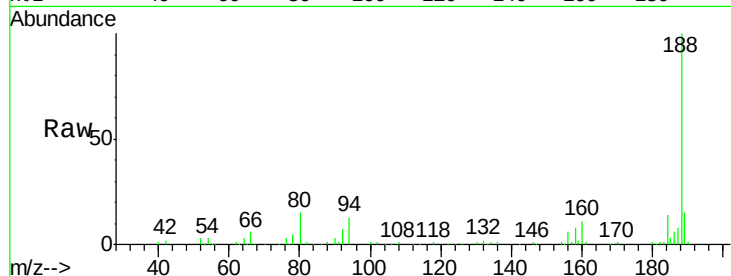




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081175.D
Acq: 24 Aug 2015 18:27

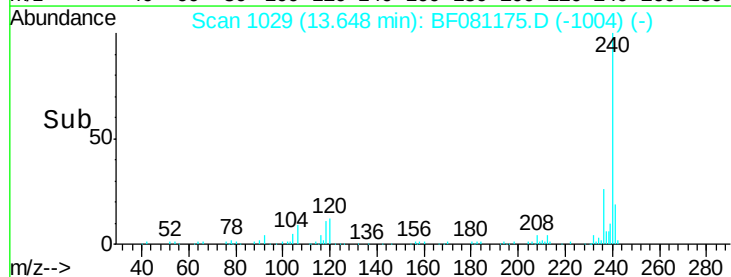
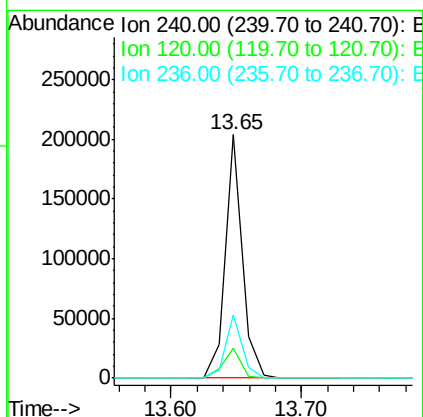
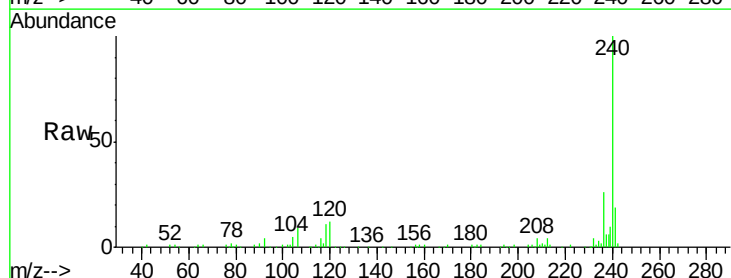
Instrument :
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PB84980BL

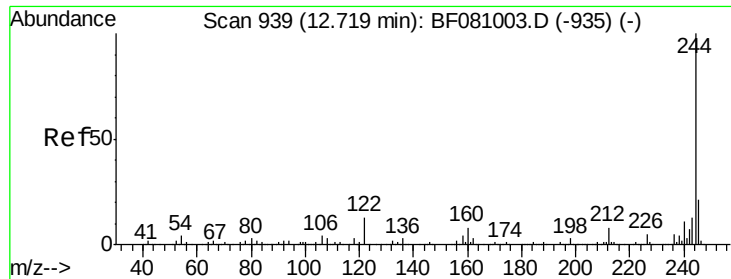
Tgt Ion:188 Resp: 215878
Ion Ratio Lower Upper
188 100
94 13.3 8.2 12.2#
80 15.3 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF081175.D
Acq: 24 Aug 2015 18:27

Tgt Ion:240 Resp: 186138
Ion Ratio Lower Upper
240 100
120 12.1 5.6 8.4#
236 25.9 20.6 30.8

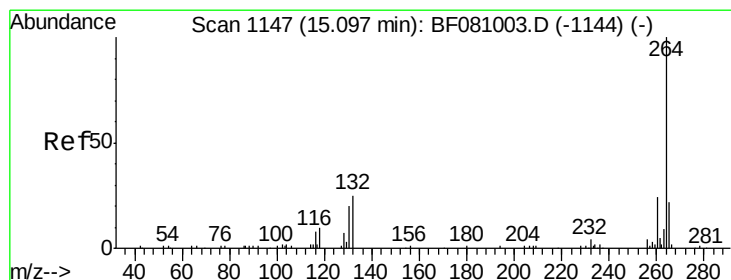
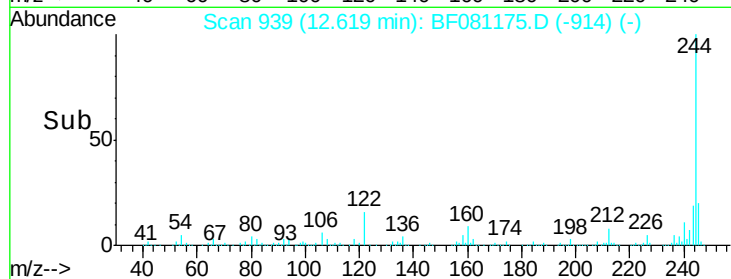
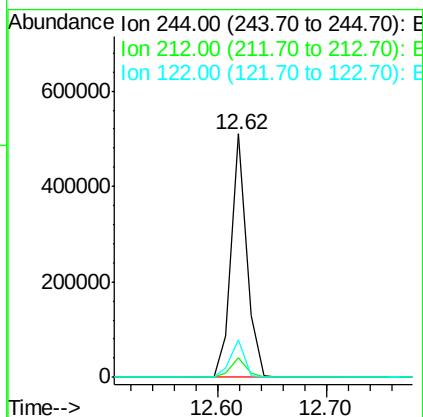
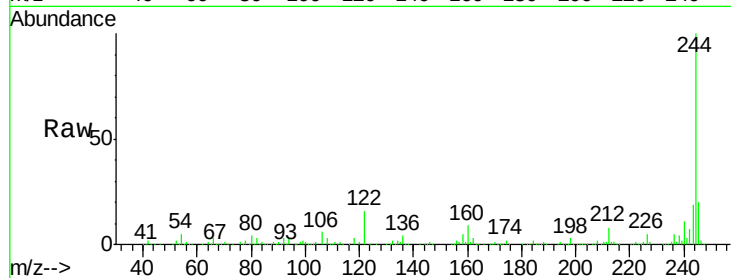




#78
 Terphenyl-d14
 Concen: 57.86 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	15.5	8.2	12.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	19.6	17.5	26.3

