

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081679.D
 Acq On : 17 Sep 2015 15:07
 Operator : UM/IZ
 Sample : G3631-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM33

Quant Time: Sep 18 03:47:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46920	20.00	ng	-0.04
21) Naphthalene-d8	11.06	136	183794	20.00	ng	-0.06
38) Acenaphthene-d10	15.20	164	86014	20.00	ng	-0.06
63) Phenanthrene-d10	18.70	188	168924	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	139368	20.00	ng	-0.03
86) Perylene-d12	24.78	264	93136	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	168943	55.86	ng	-0.02
7) Phenol-d6	7.59	99	139015	34.73	ng	-0.06
23) Nitrobenzene-d5	9.48	82	382356	100.37	ng	-0.06
41) 2,4,6-Tribromophenol	17.11	330	117737	153.73	ng	-0.06
44) 2-Fluorobiphenyl	13.72	172	640840	95.48	ng	-0.06
78) Terphenyl-d14	22.08	244	592391	98.95	ng	-0.03

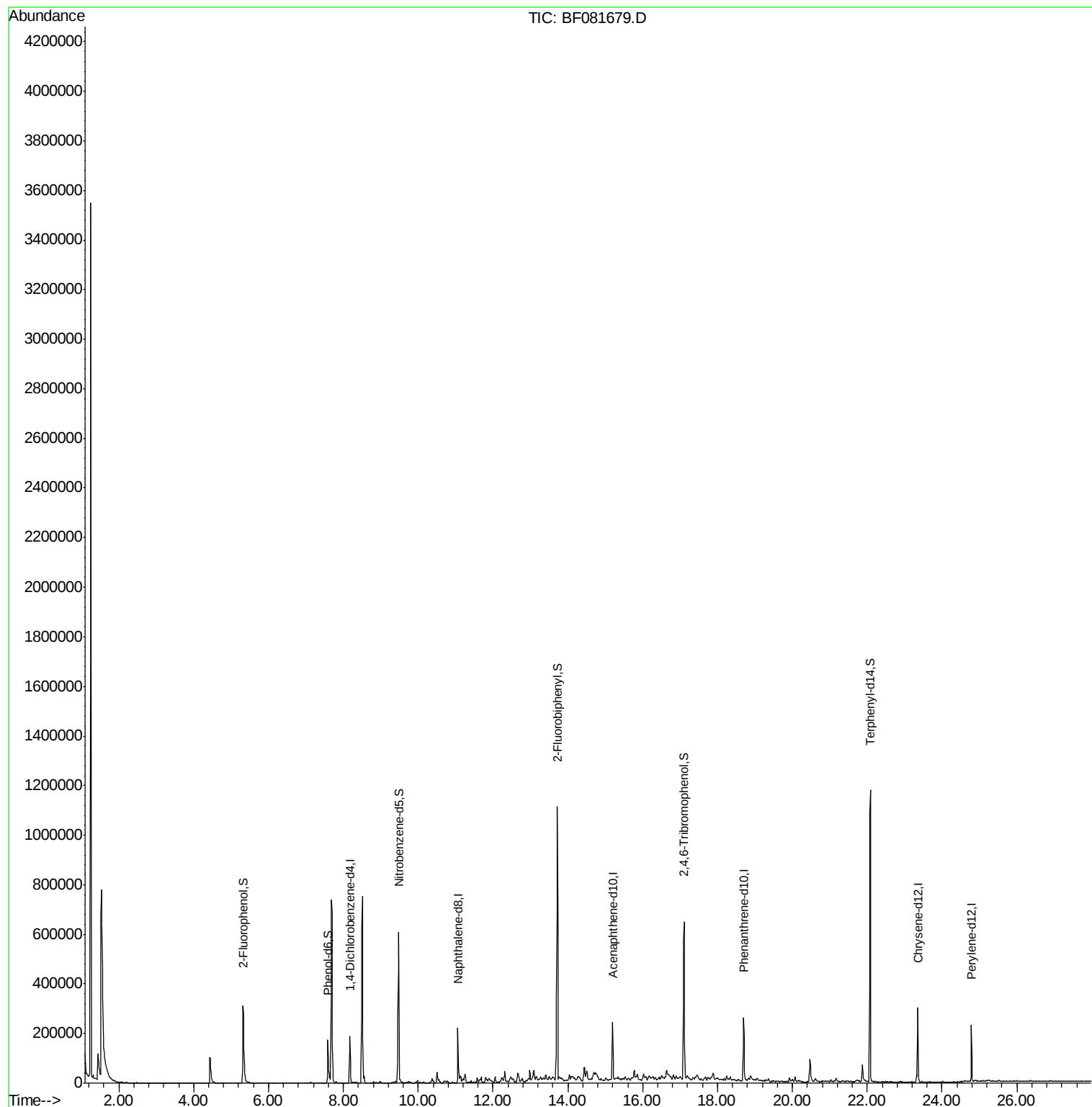
Target Compounds	Qvalue
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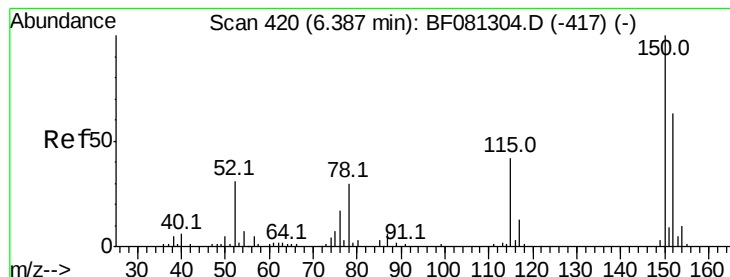
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

Lab File: BF081679.D

Acq: 17 Sep 2015 15:07

Instrument :

BNA_F

ClientSampleId :

ERM33

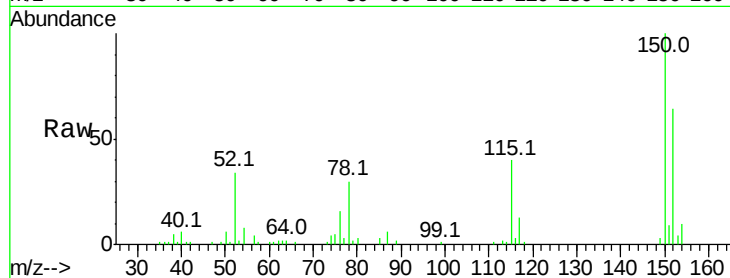
Tgt Ion:152 Resp: 46920

Ion Ratio Lower Upper

152 100

150 156.9 124.7 187.1

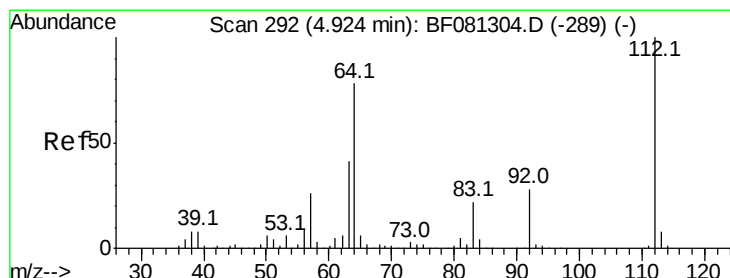
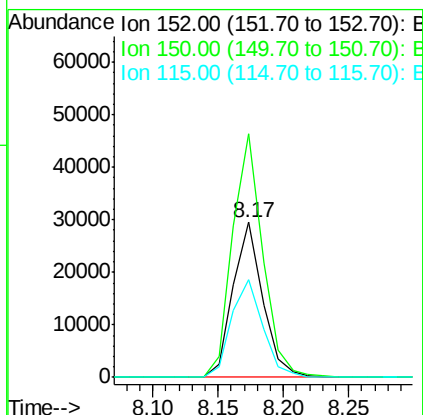
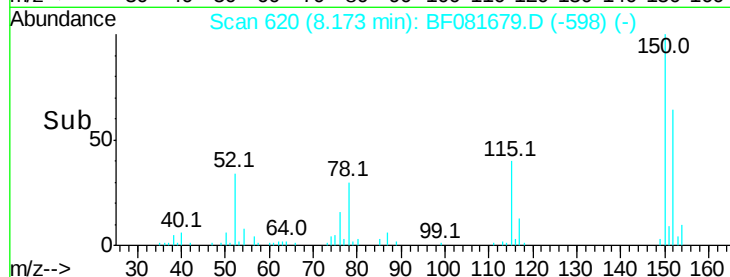
115 62.8 39.0 58.4#



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: 55.86 ng

RT: 5.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF081679.D

Acq: 17 Sep 2015 15:07

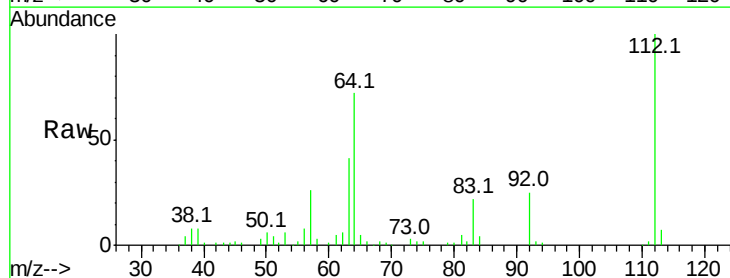
Tgt Ion:112 Resp: 168943

Ion Ratio Lower Upper

112 100

64 72.4 39.7 59.5#

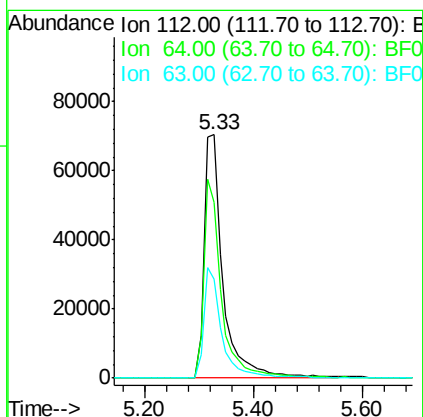
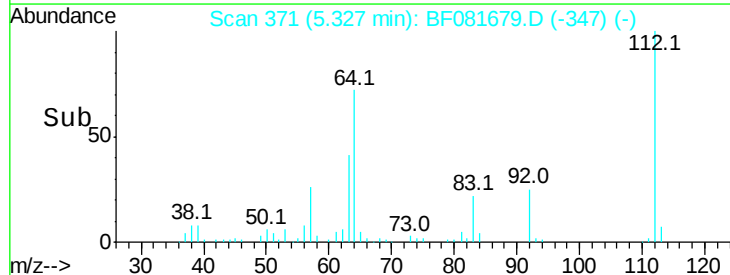
63 40.6 17.4 26.0#

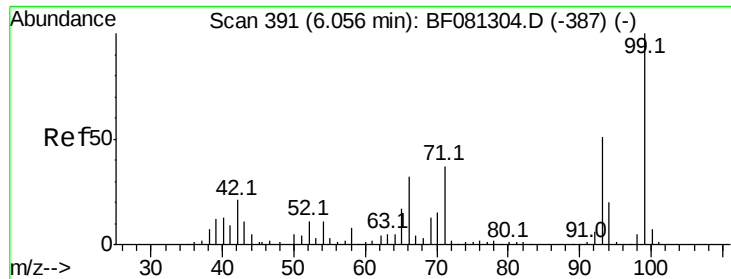


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.73 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081679.D

Acq: 17 Sep 2015 15:07

Instrument :

BNA_F

ClientSampleId :

ERM33

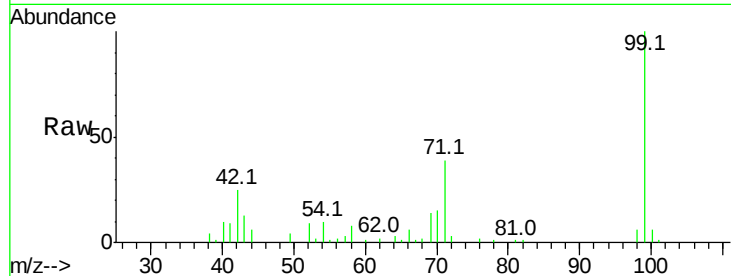
Tgt Ion: 99 Resp: 139015

Ion Ratio Lower Upper

99 100

42 24.9 13.7 20.5#

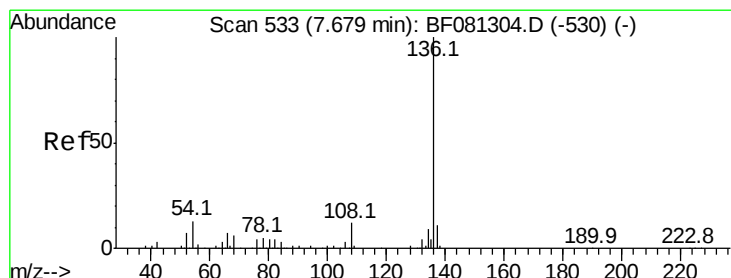
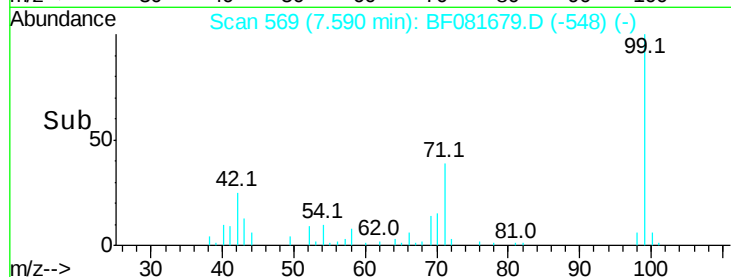
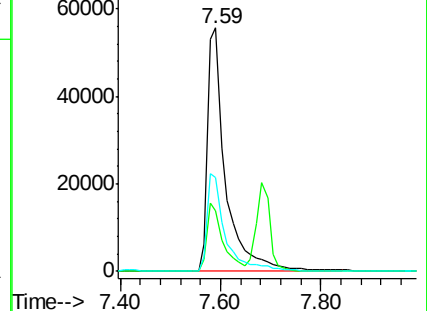
71 38.7 14.2 21.2#



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: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081679.D

Acq: 17 Sep 2015 15:07

Tgt Ion: 136 Resp: 183794

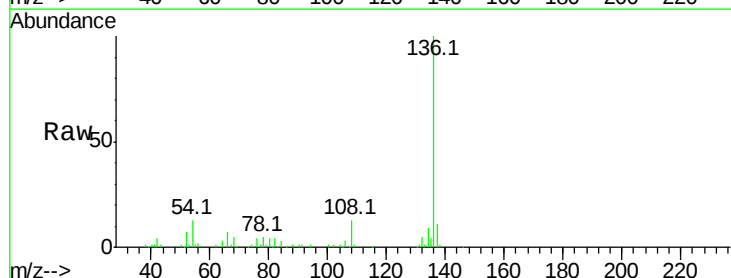
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.7 8.2 12.2#

68 5.3 5.8 8.6#

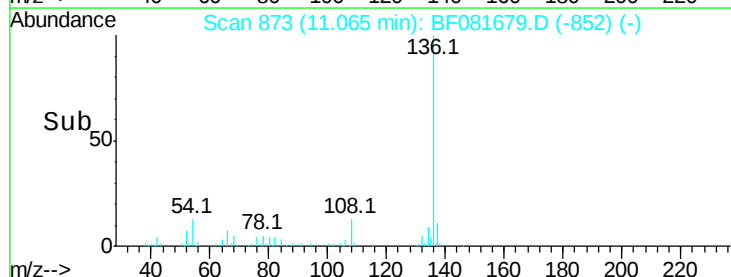
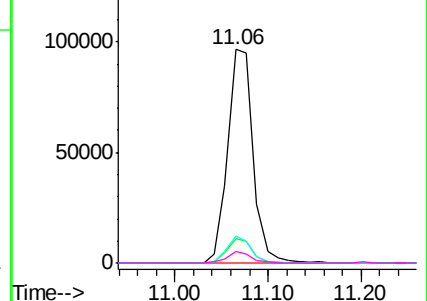


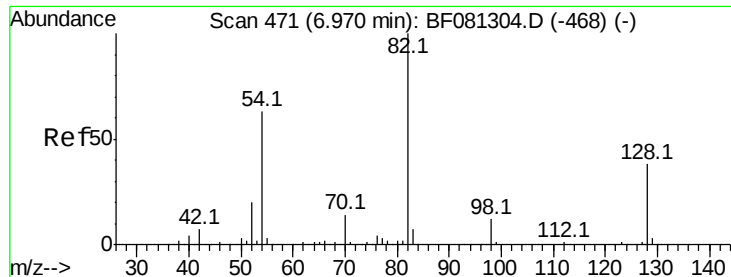
Abundance Ion 136.00 (135.70 to 136.70): E

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

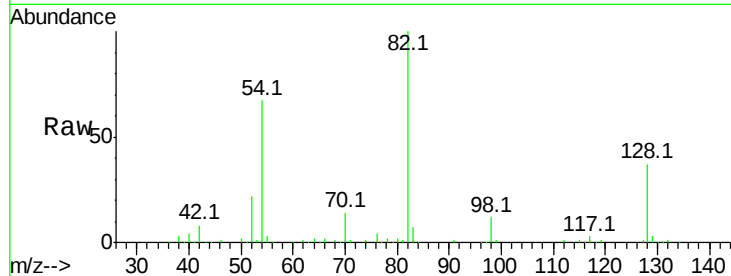




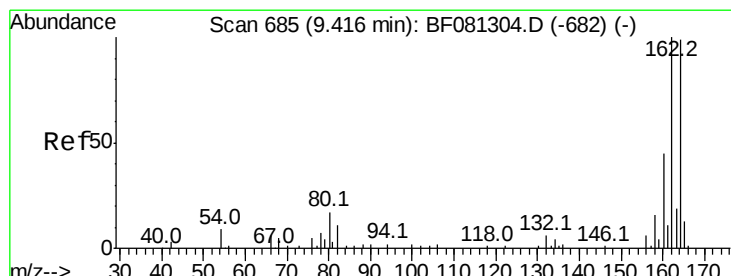
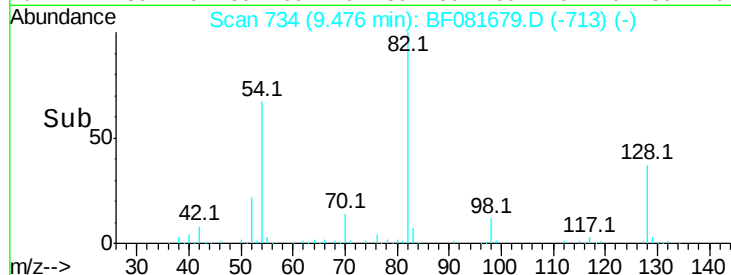
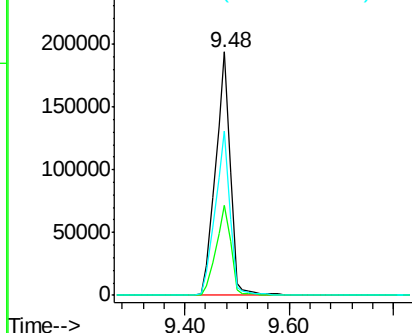
#23
 Nitrobenzene-d5
 Concen: 100.37 ng
 RT: 9.48 min Scan# 734
 Delta R.T. -0.06 min
 Lab File: BF081679.D
 Acq: 17 Sep 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 ERM33

Tgt Ion: 82 Resp: 382356
 Ion Ratio Lower Upper
 82 100
 128 37.0 51.0 76.6#
 54 67.2 47.5 71.3

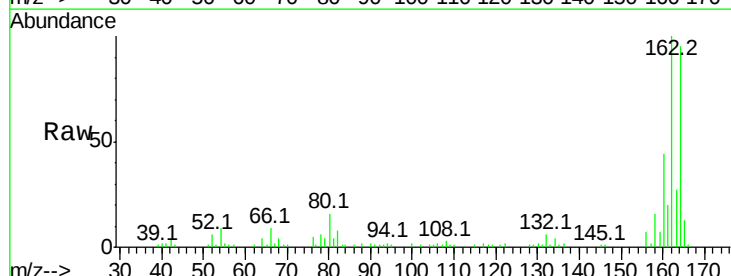


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

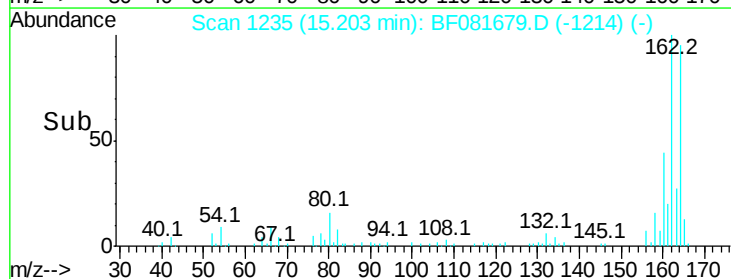
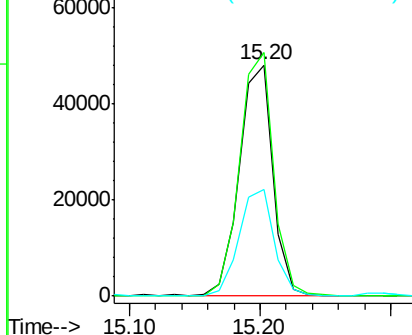


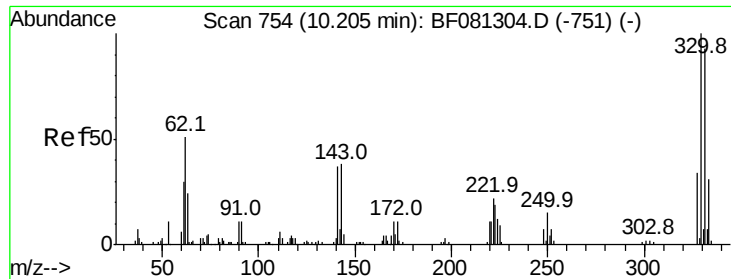
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1235
 Delta R.T. -0.06 min
 Lab File: BF081679.D
 Acq: 17 Sep 2015 15:07

Tgt Ion:164 Resp: 86014
 Ion Ratio Lower Upper
 164 100
 162 105.4 75.2 112.8
 160 46.4 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

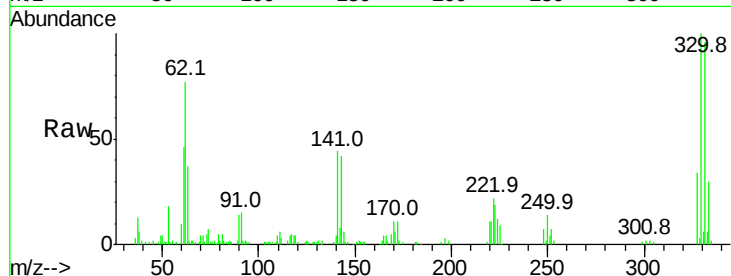




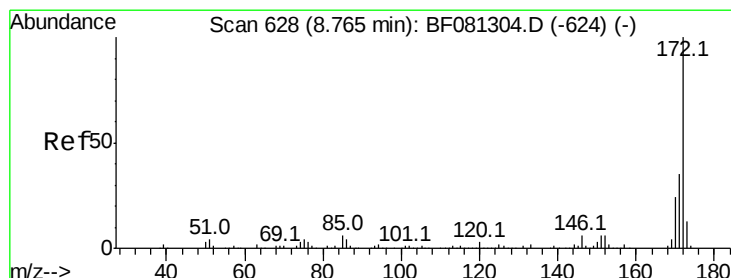
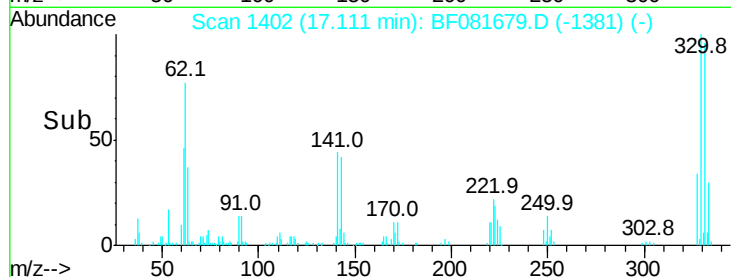
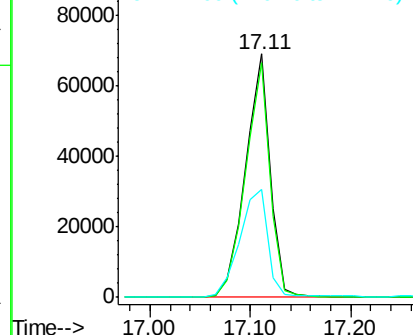
#41
 2,4,6-Tribromophenol
 Concen: 153.73 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF081679.D
 Acq: 17 Sep 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 ERM33

Tgt Ion:330 Resp: 117737
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 51.5 29.7 44.5#

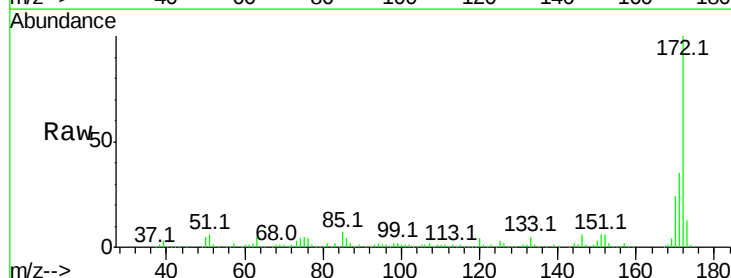


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

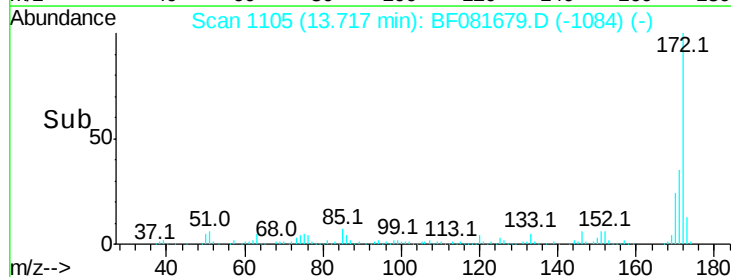
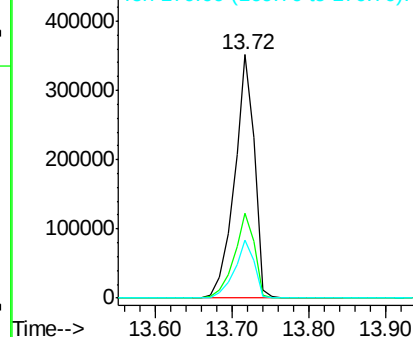


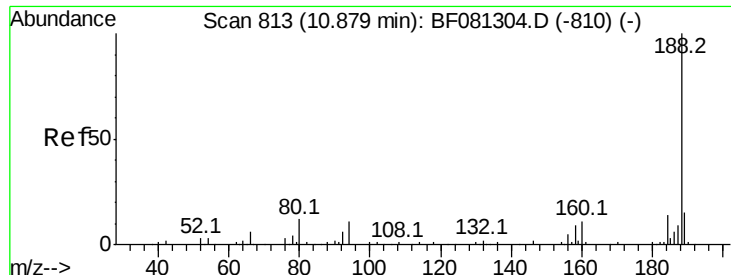
#44
 2-Fluorobiphenyl
 Concen: 95.48 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081679.D
 Acq: 17 Sep 2015 15:07

Tgt Ion:172 Resp: 640840
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 23.8 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

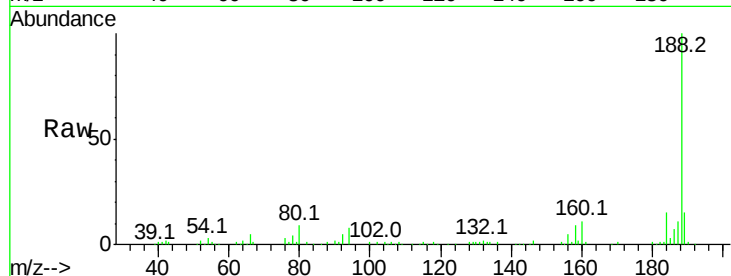




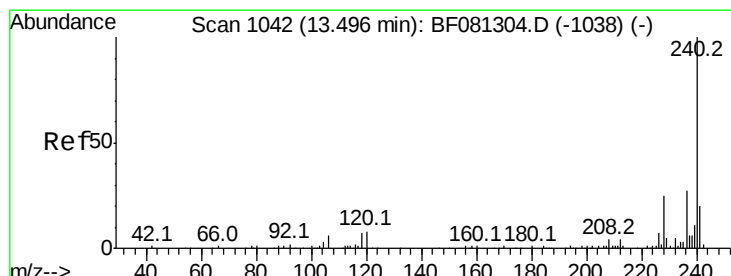
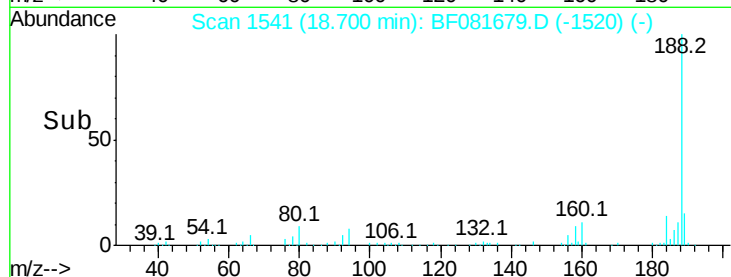
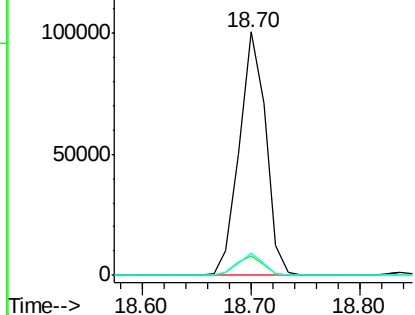
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Instrument :
BNA_F
ClientSampled :
ERM33

Tgt Ion:188 Resp: 168924
Ion Ratio Lower Upper
188 100
94 7.9 11.1 16.7#
80 9.3 11.0 16.4#

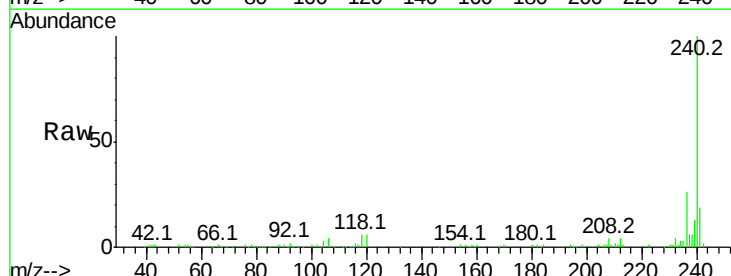


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

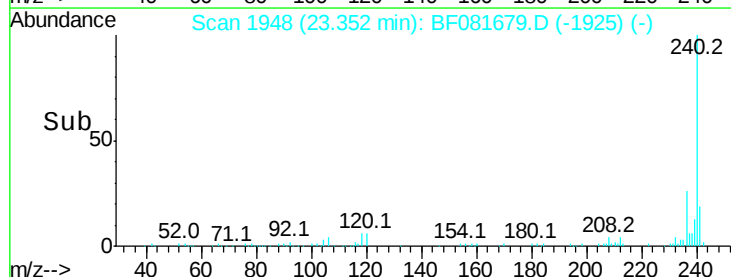
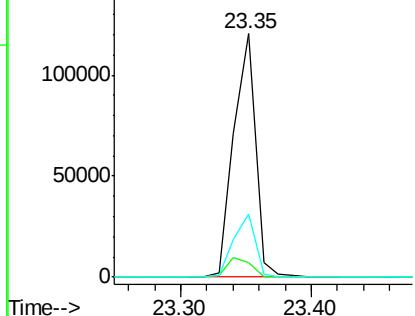


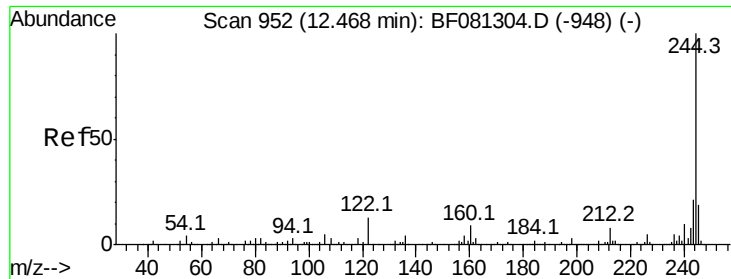
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081679.D
Acq: 17 Sep 2015 15:07

Tgt Ion:240 Resp: 139368
Ion Ratio Lower Upper
240 100
120 6.0 16.2 24.2#
236 25.8 18.4 27.6



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

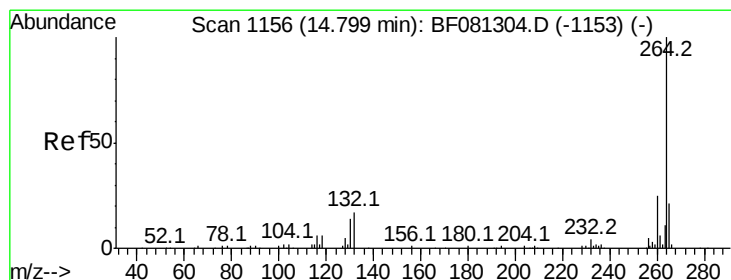
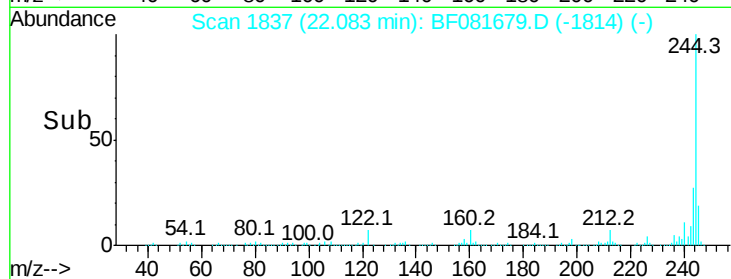
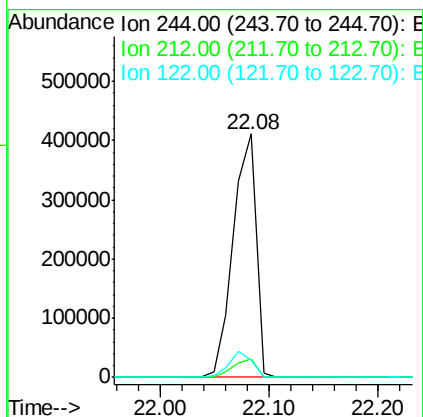
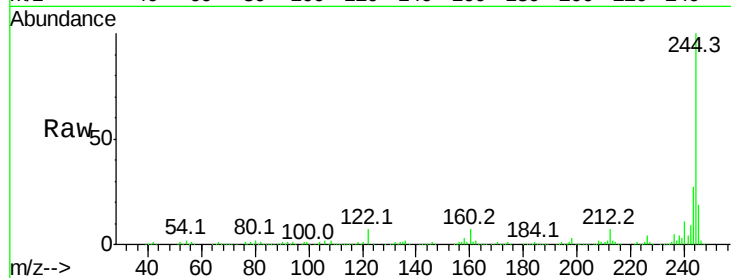




#78
 Terphenyl-d14
 Concen: 98.95 ng
 RT: 22.08 min Scan# 1837
 Delta R.T. -0.03 min
 Lab File: BF081679.D
 Acq: 17 Sep 2015 15:07

Instrument :
 BNA_F
 ClientSampled :
 ERM33

Tgt Ion:244 Resp: 592391
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 6.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.78 min Scan# 2073
 Delta R.T. -0.03 min
 Lab File: BF081679.D
 Acq: 17 Sep 2015 15:07

Tgt Ion:264 Resp: 93136
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.5 17.2 25.8

