

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081558.D
 Acq On : 9 Sep 2015 18:07
 Operator : UM/IZ
 Sample : PB85436BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BL

Quant Time: Sep 10 04:54:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	49842	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	197414	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	93229	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	196312	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	174790	20.00	ng	-0.01
86) Perylene-d12	14.73	264	125136	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	380636	118.49	ng	0.02
7) Phenol-d6	6.00	99	485023	114.06	ng	-0.01
23) Nitrobenzene-d5	6.91	82	344860	84.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	110491	133.10	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	595934	81.91	ng	0.00
78) Terphenyl-d14	12.41	244	588821	78.42	ng	0.00

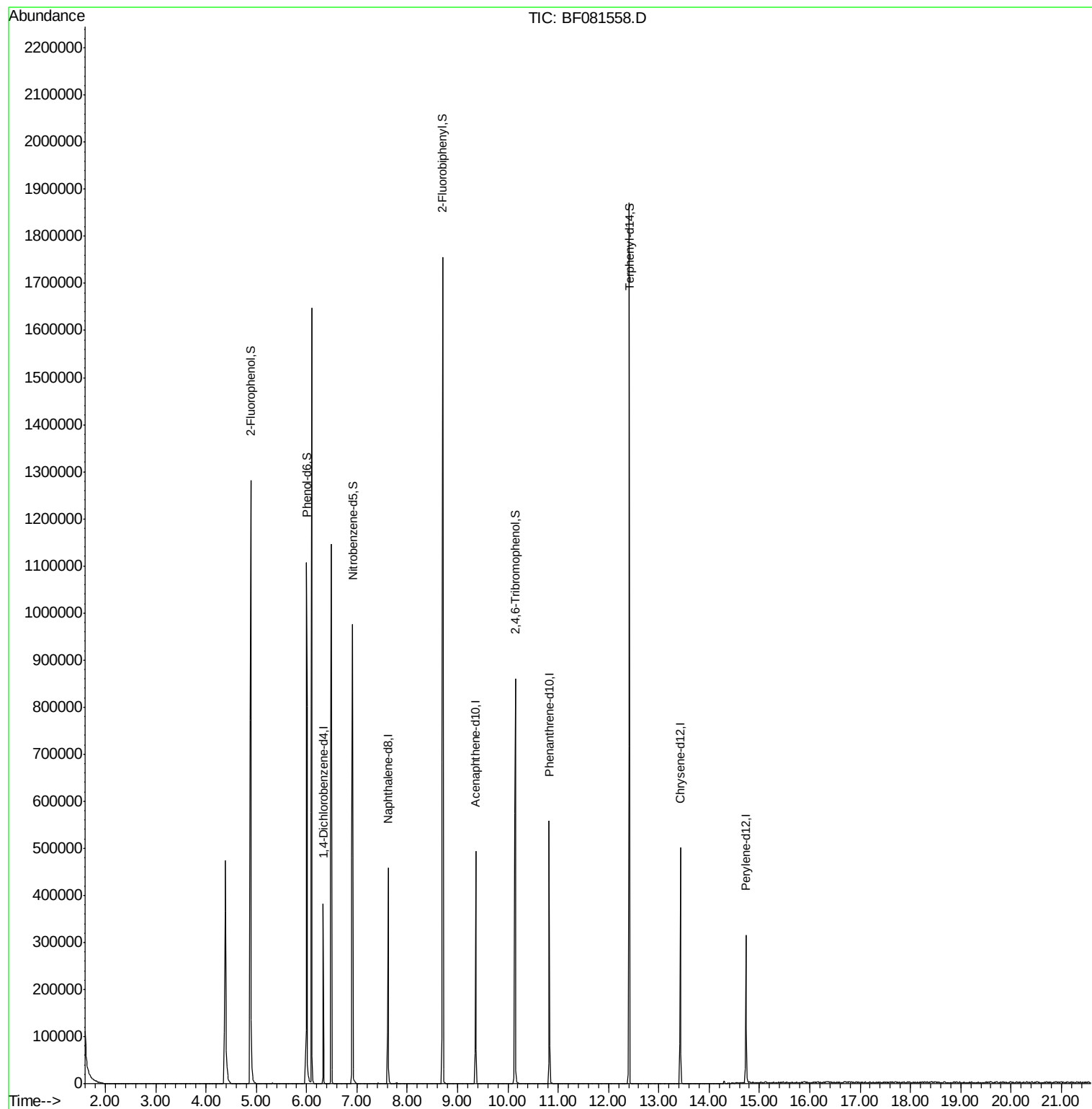
Target Compounds	Qvalue
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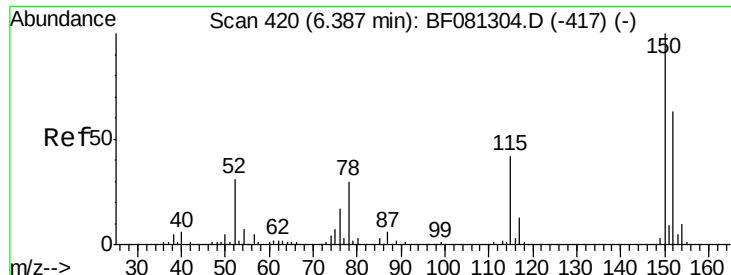
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

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BNA_F

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PB85436BL

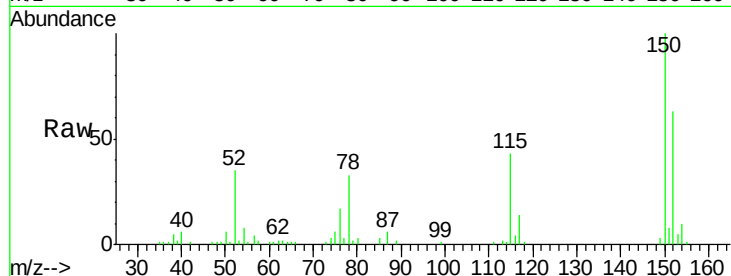
Tgt Ion:152 Resp: 49842

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

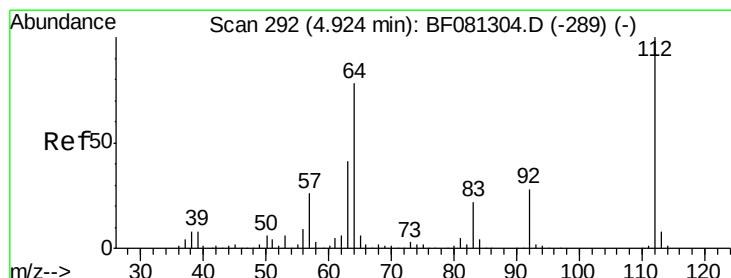
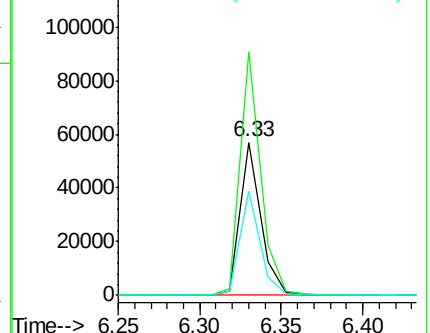
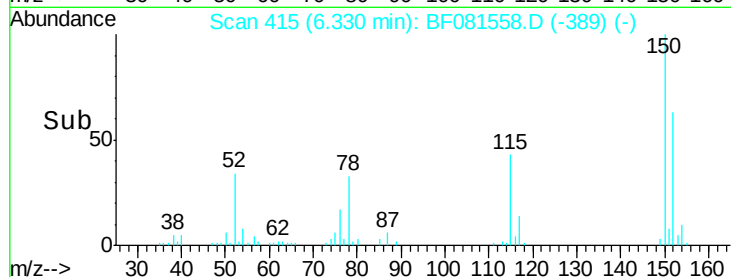
115 68.0 39.0 58.4#



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: 118.49 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

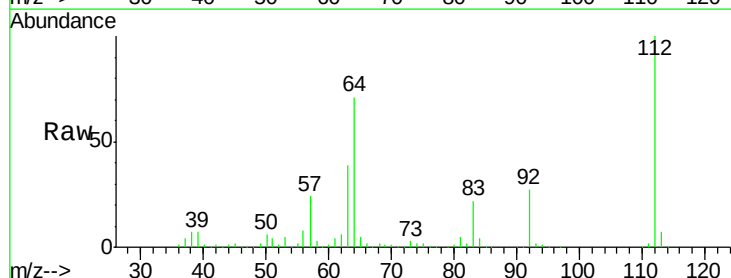
Tgt Ion:112 Resp: 380636

Ion Ratio Lower Upper

112 100

64 70.6 39.7 59.5#

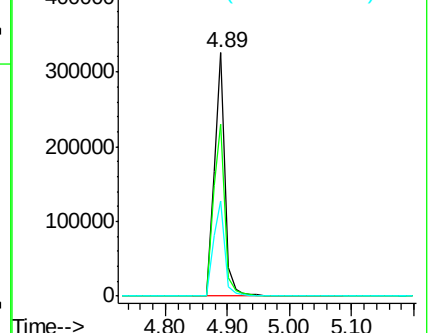
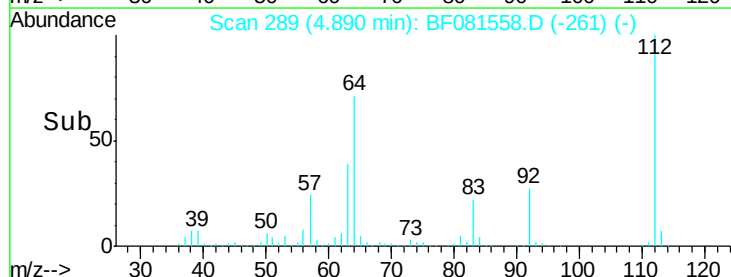
63 38.9 17.4 26.0#

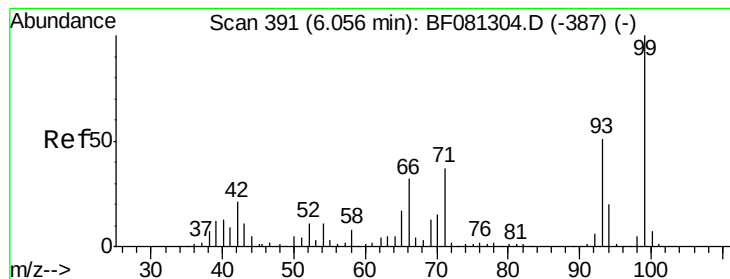


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.06 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB85436BL

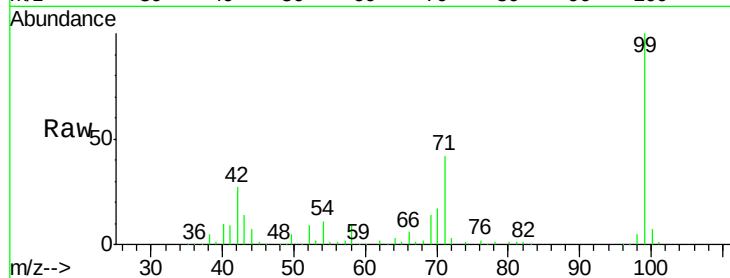
Tgt Ion: 99 Resp: 485023

Ion Ratio Lower Upper

99 100

42 26.8 13.7 20.5#

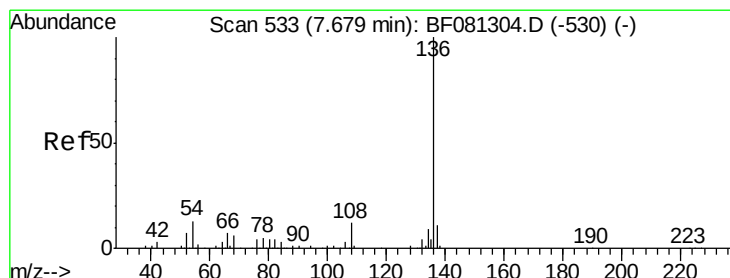
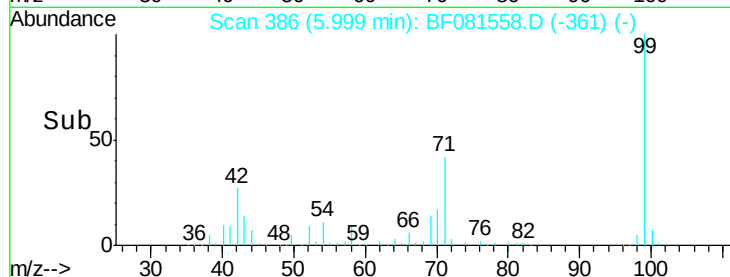
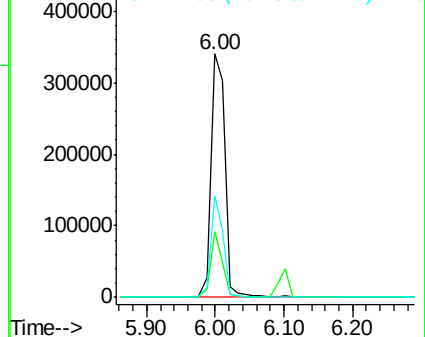
71 41.8 14.2 21.2#



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: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081558.D

Acq: 9 Sep 2015 18:07

Tgt Ion: 136 Resp: 197414

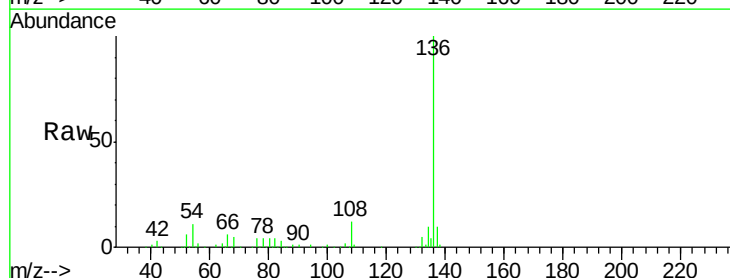
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.6

54 10.8 8.2 12.2

68 4.8 5.8 8.6#

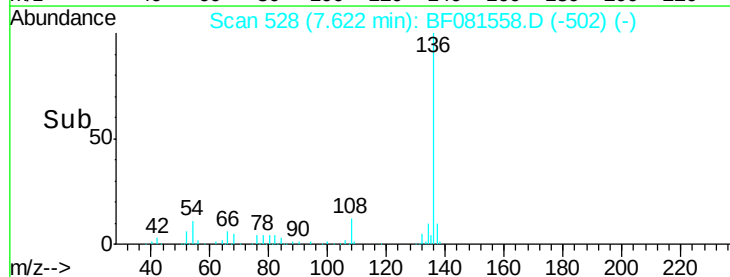
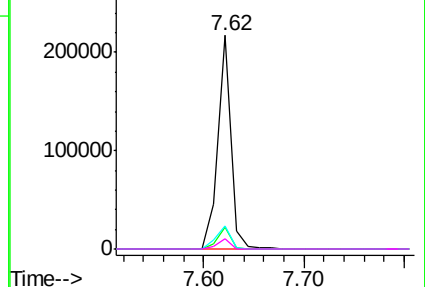


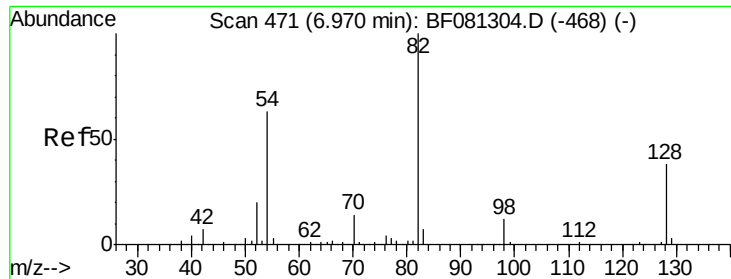
Abundance Ion 136.00 (135.70 to 136.70): E

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

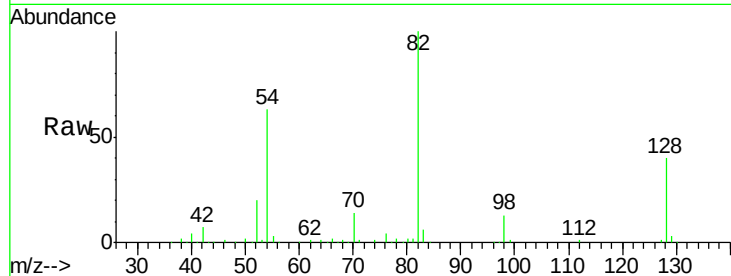




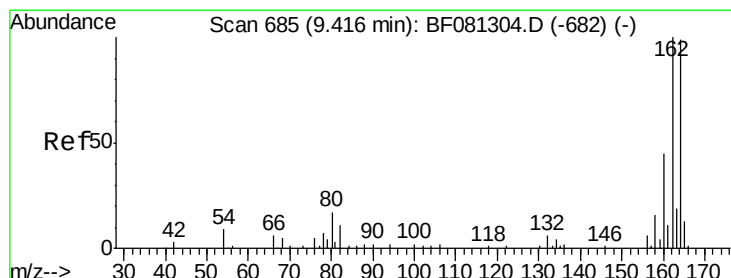
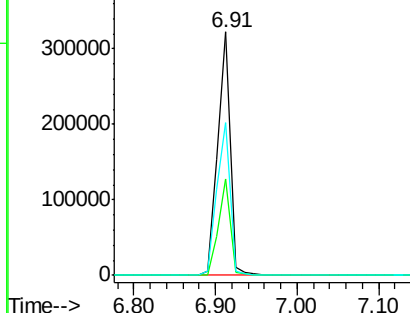
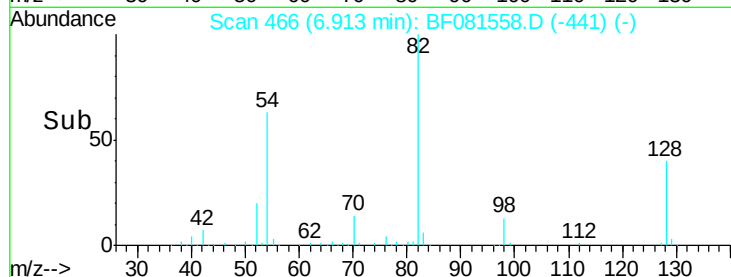
#23
 Nitrobenzene-d5
 Concen: 84.28 ng
 RT: 6.91 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF081558.D
 Acq: 9 Sep 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BL

Tgt Ion: 82 Resp: 344860
 Ion Ratio Lower Upper
 82 100
 128 39.8 51.0 76.6#
 54 62.9 47.5 71.3

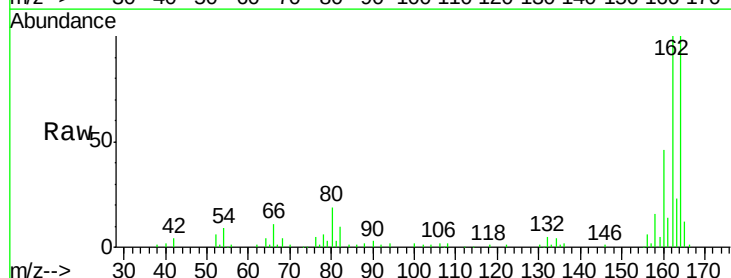


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

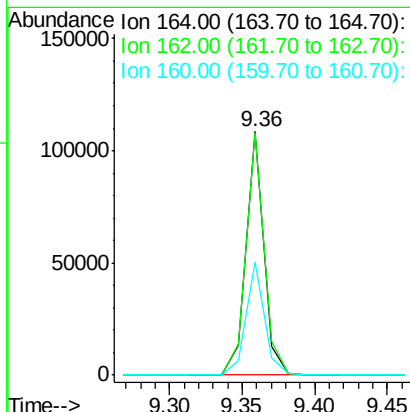
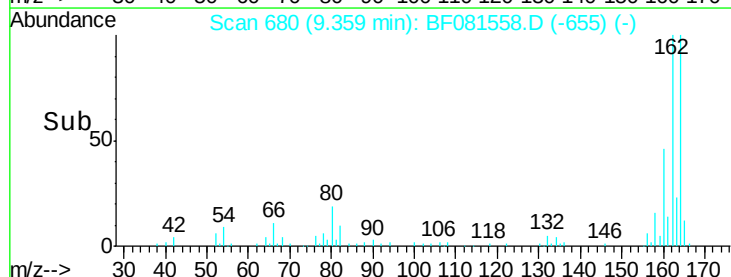


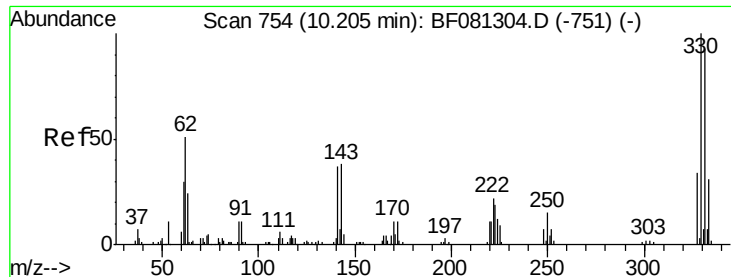
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF081558.D
 Acq: 9 Sep 2015 18:07

Tgt Ion: 164 Resp: 93229
 Ion Ratio Lower Upper
 164 100
 162 99.7 75.2 112.8
 160 46.2 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

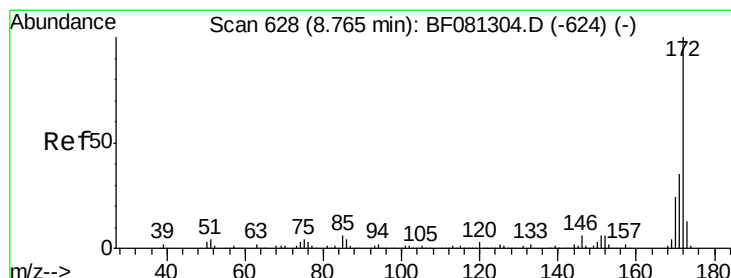
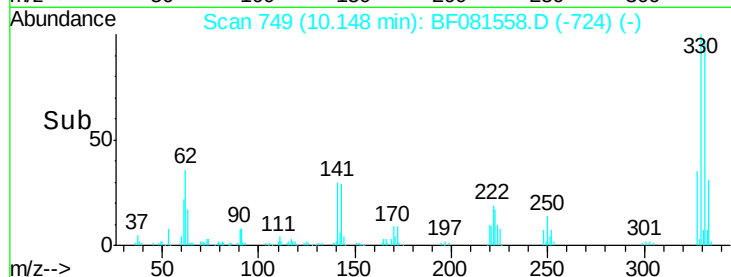
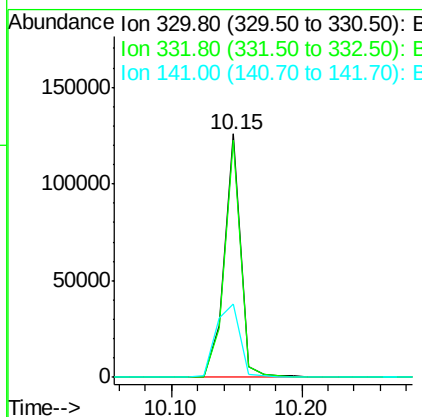
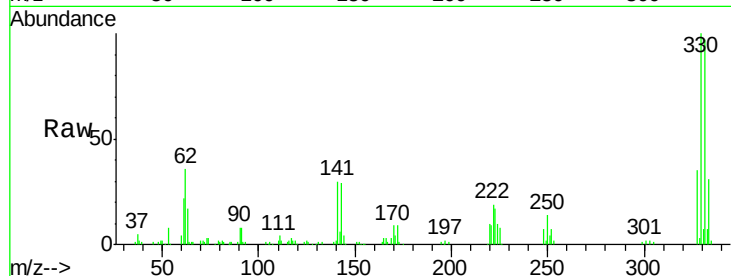




#41
 2,4,6-Tribromophenol
 Concen: 133.10 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF081558.D
 Acq: 9 Sep 2015 18:07

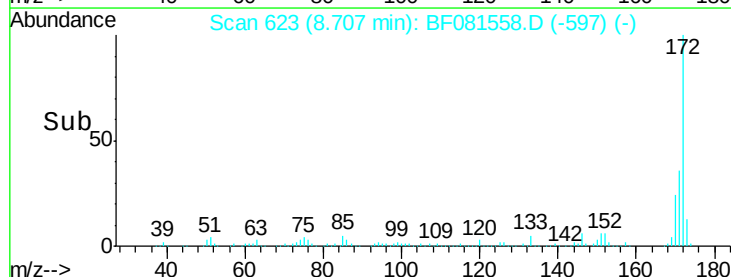
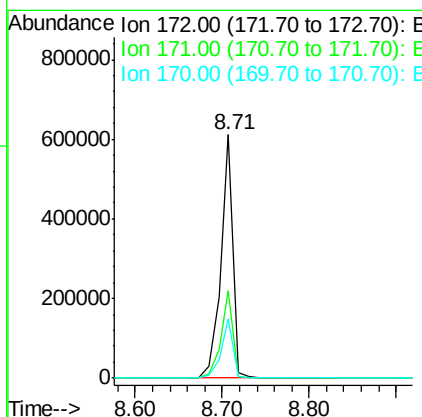
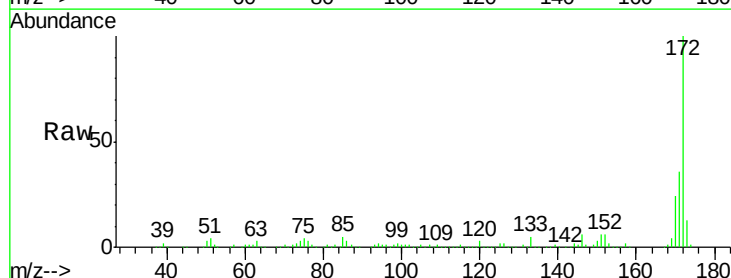
Instrument :
 BNA_F
 ClientSampleId :
 PB85436BL

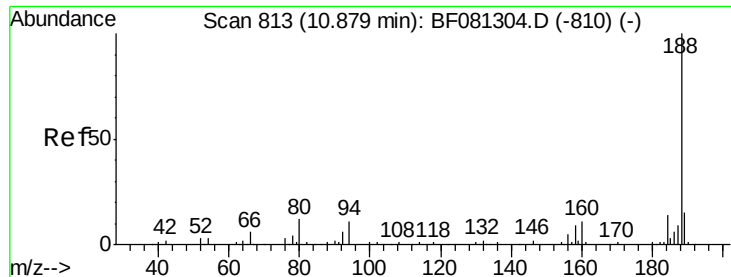
Tgt Ion:330 Resp: 110491
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 44.1 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 81.91 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081558.D
 Acq: 9 Sep 2015 18:07

Tgt Ion:172 Resp: 595934
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.1 17.4 26.2

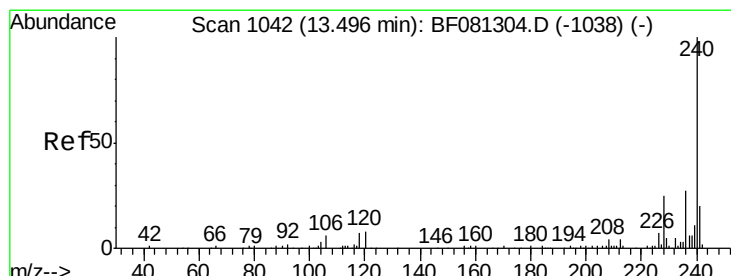
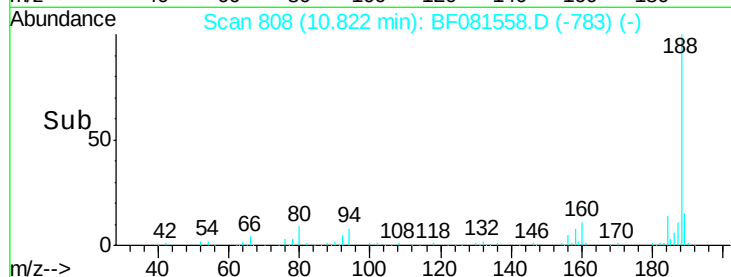
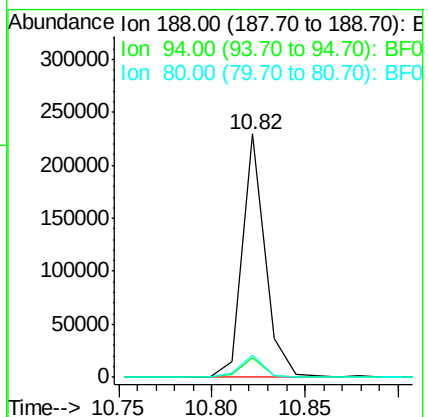
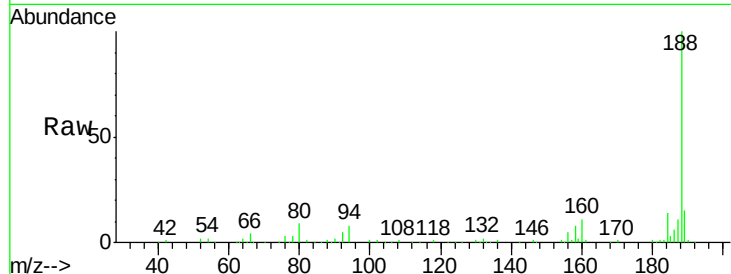




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF081558.D
Acq: 9 Sep 2015 18:07

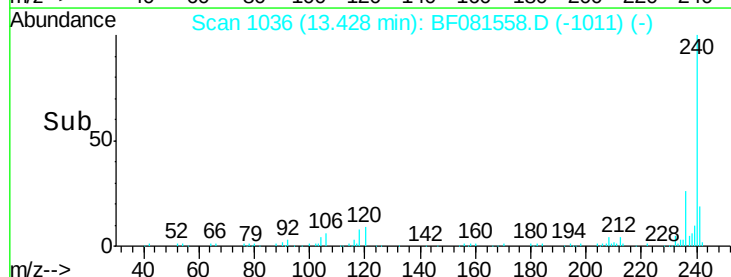
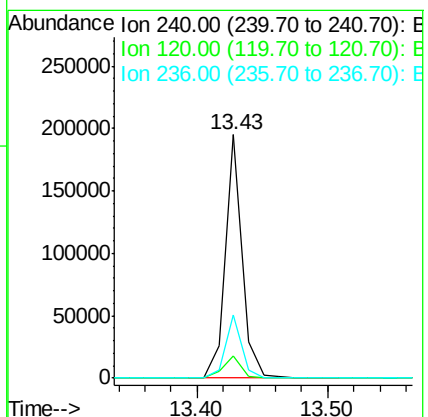
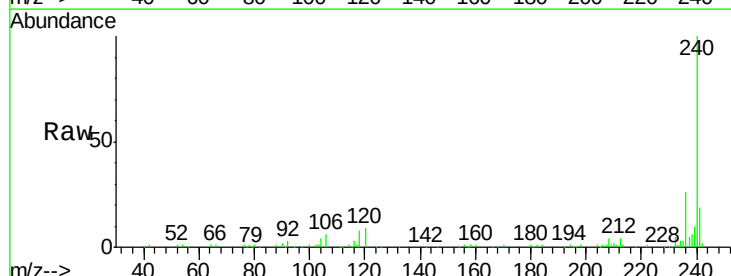
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PB85436BL

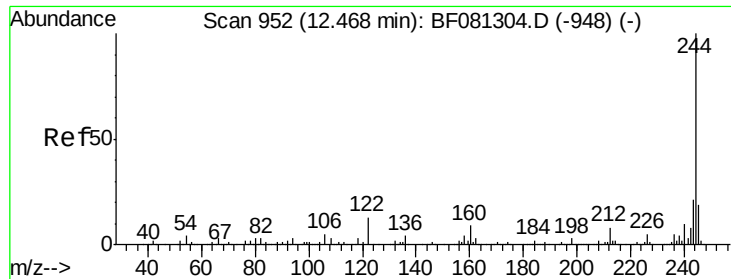
Tgt Ion:188 Resp: 196312
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 9.3 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF081558.D
Acq: 9 Sep 2015 18:07

Tgt Ion:240 Resp: 174790
Ion Ratio Lower Upper
240 100
120 9.1 16.2 24.2#
236 25.9 18.4 27.6

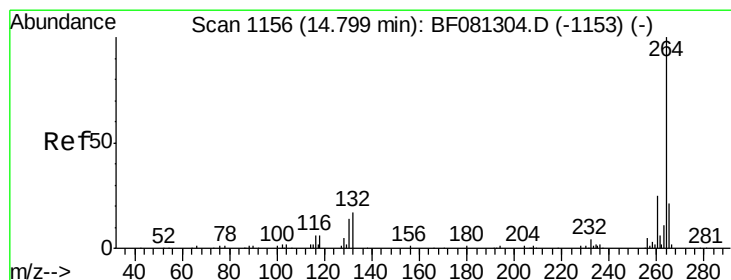
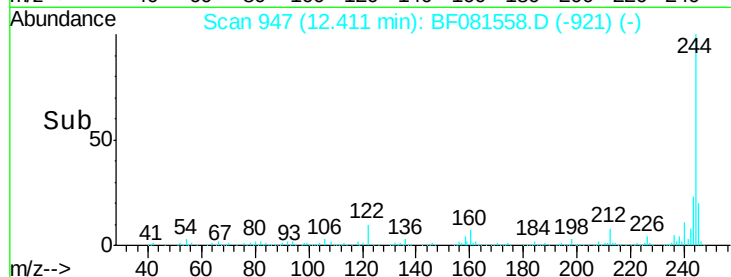
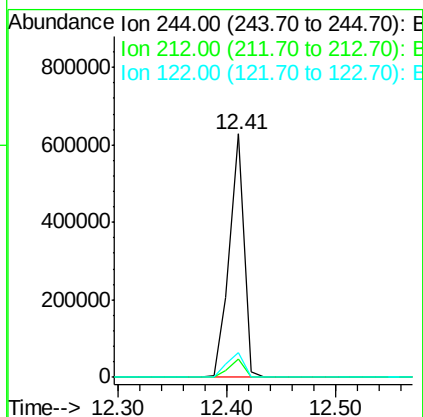
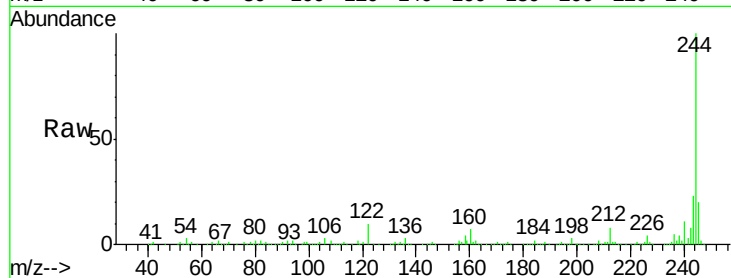




#78
 Terphenyl-d14
 Concen: 78.42 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF081558.D
 Acq: 9 Sep 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BL

Tgt Ion:244 Resp: 588821
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 10.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081558.D
 Acq: 9 Sep 2015 18:07

Tgt Ion:264 Resp: 125136
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.9 17.2 25.8

