

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082187.D
 Acq On : 10 Oct 2015 20:40
 Operator : UM/IZ
 Sample : G3979-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A15COMP

Quant Time: Oct 12 02:52:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	96911	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	392525	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	202689	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	411937	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	370677	20.00	ng	-0.01
86) Perylene-d12	15.44	264	283318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	682404	142.11	ng	0.02
7) Phenol-d6	6.48	99	849019	135.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	566013	96.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	296231	155.84	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1161203	95.01	ng	-0.01
78) Terphenyl-d14	12.96	244	1366424	97.68	ng	0.00

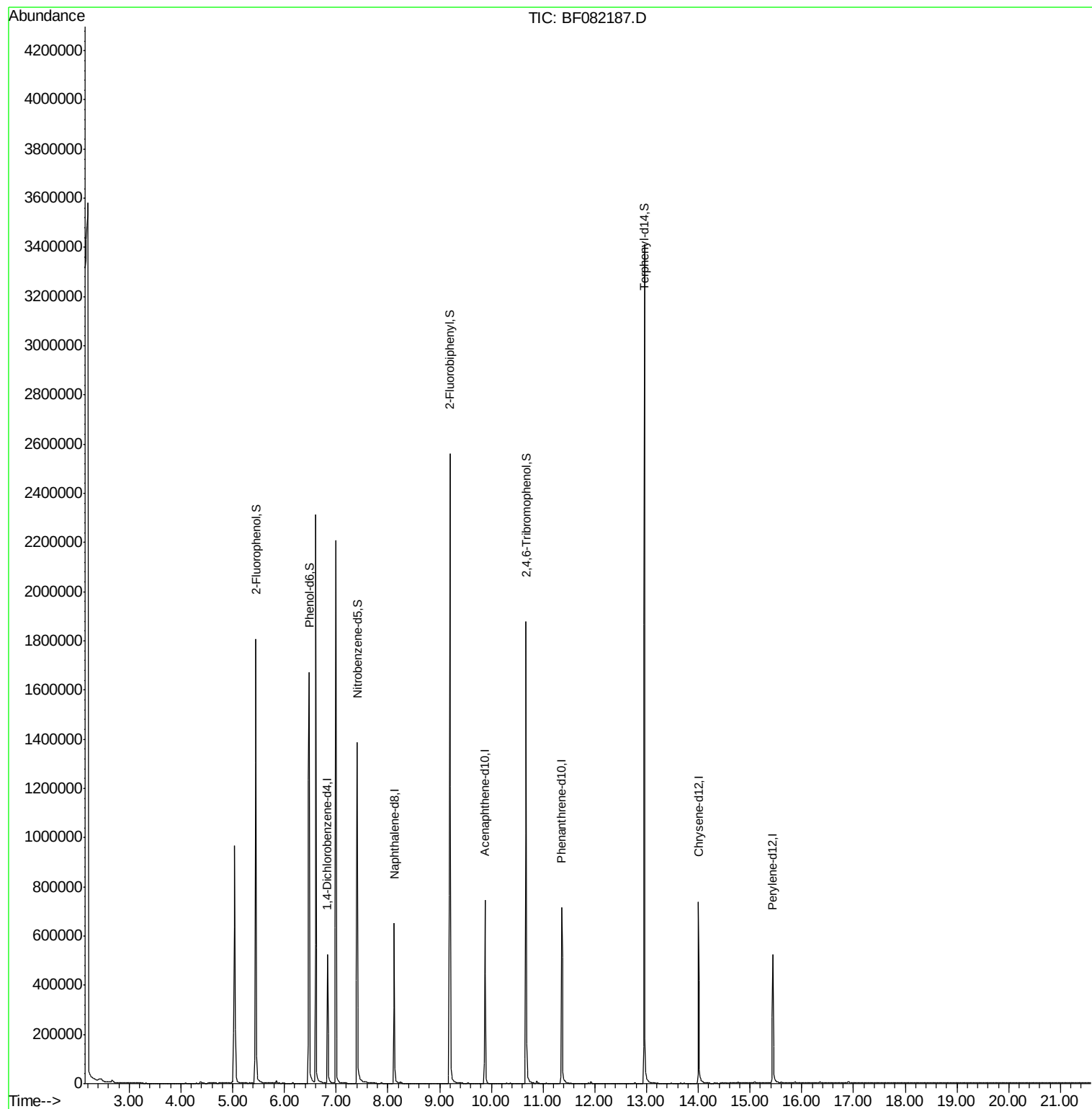
Target Compounds	Qvalue
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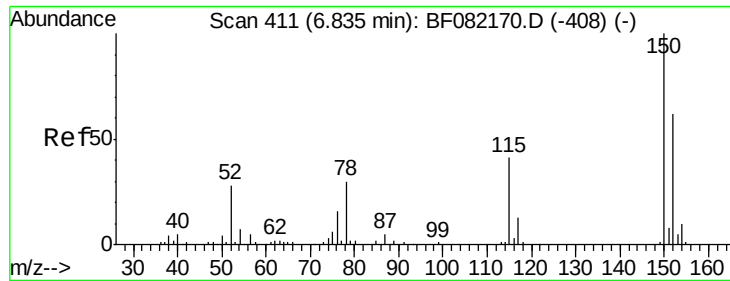
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

Instrument :

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ClientSampleId :

A15COMP

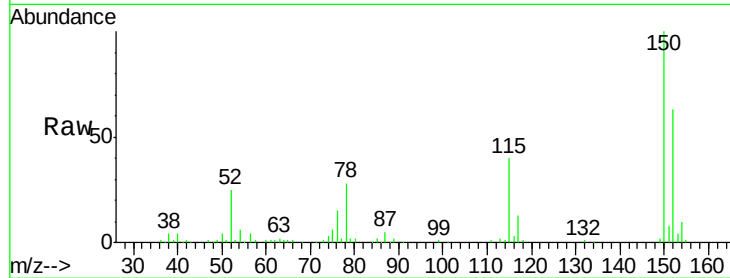
Tgt Ion:152 Resp: 96911

Ion Ratio Lower Upper

152 100

150 159.5 129.0 193.4

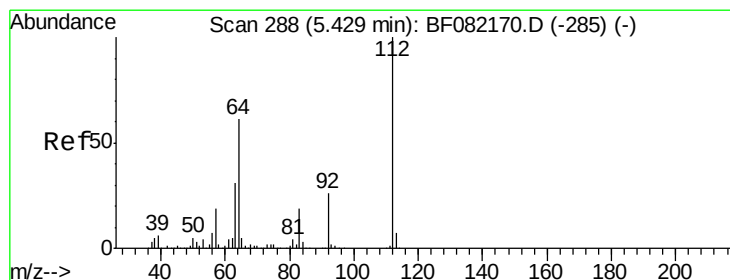
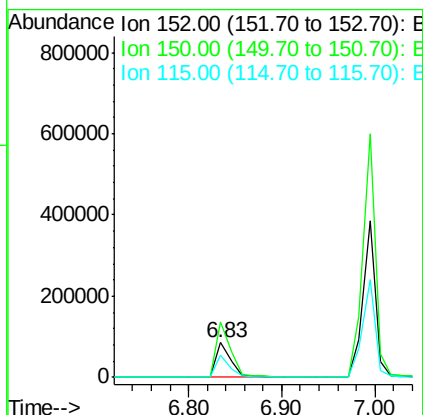
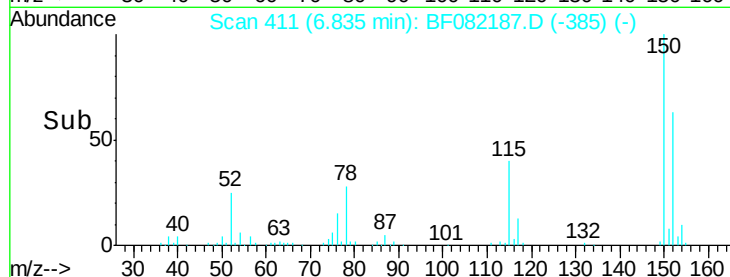
115 63.1 52.1 78.1



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: 142.11 ng

RT: 5.45 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

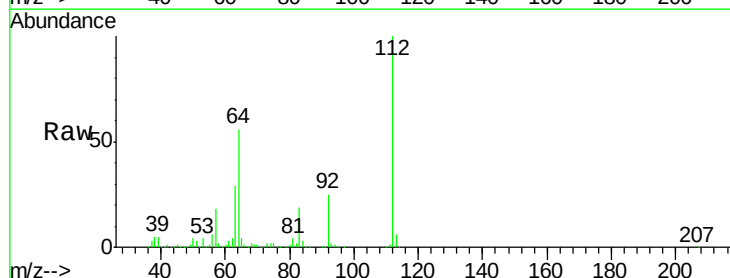
Tgt Ion:112 Resp: 682404

Ion Ratio Lower Upper

112 100

64 55.6 48.6 73.0

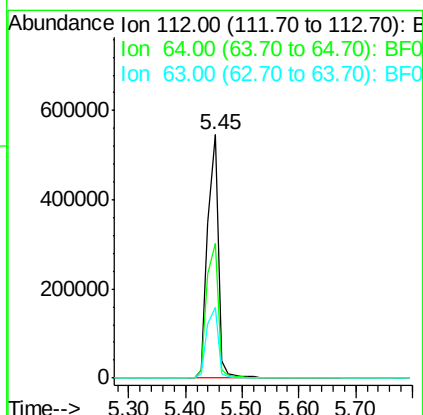
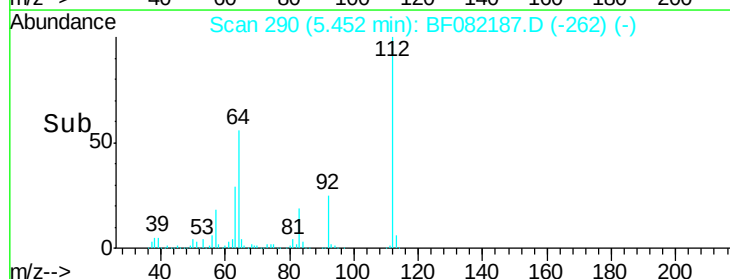
63 29.3 25.1 37.7

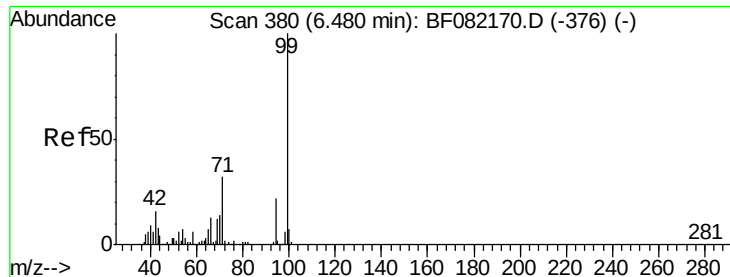


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.87 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

Instrument :

BNA_F

ClientSampleId :

A15COMP

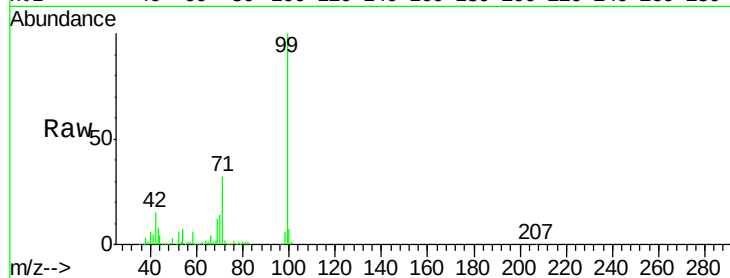
Tgt Ion: 99 Resp: 849019

Ion Ratio Lower Upper

99 100

42 15.2 13.2 19.8

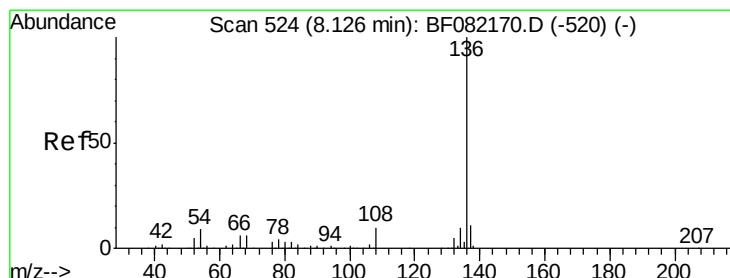
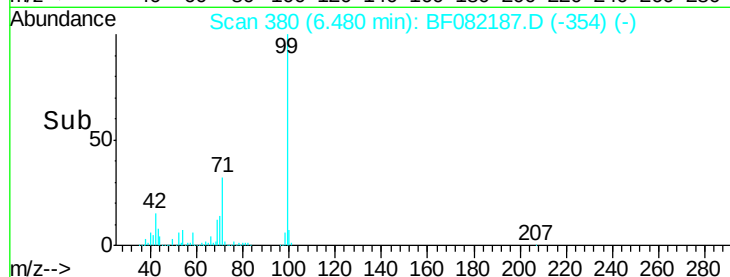
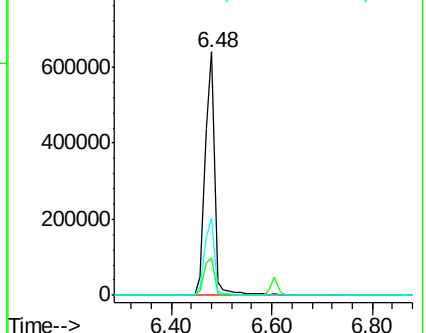
71 31.8 25.6 38.4



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: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

Tgt Ion: 136 Resp: 392525

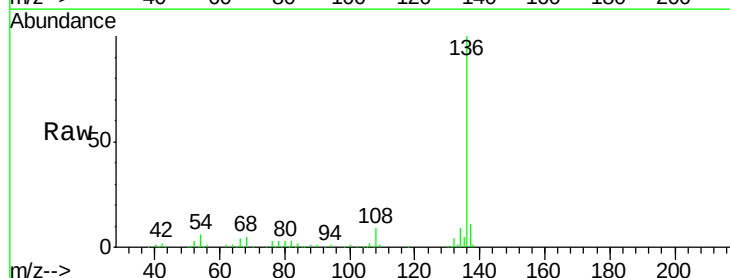
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.4 7.5 11.3#

68 4.6 4.6 7.0#

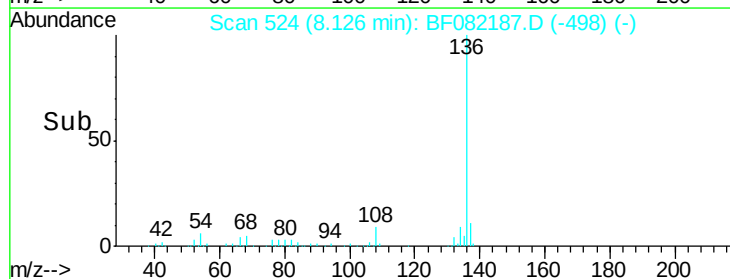
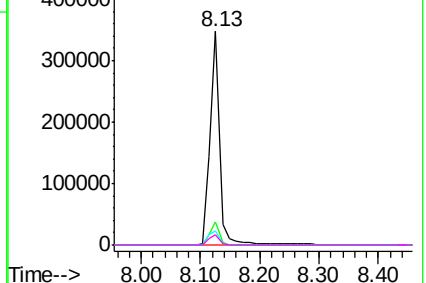


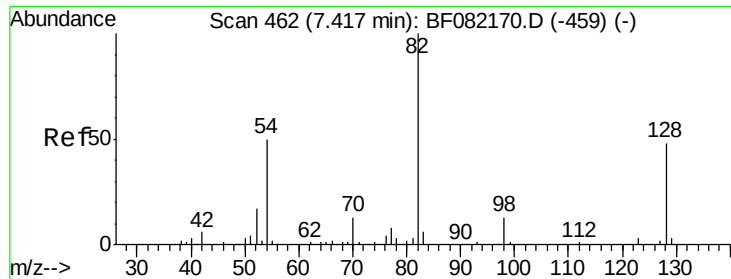
Abundance Ion 136.00 (135.70 to 136.70): E

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

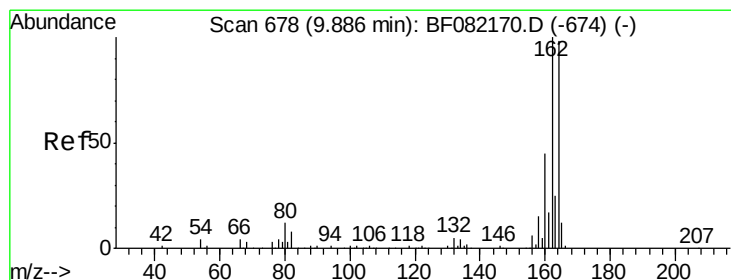
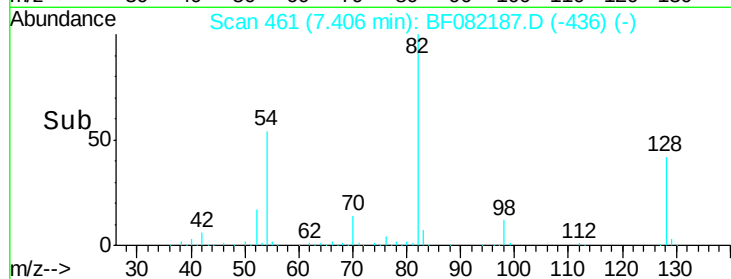
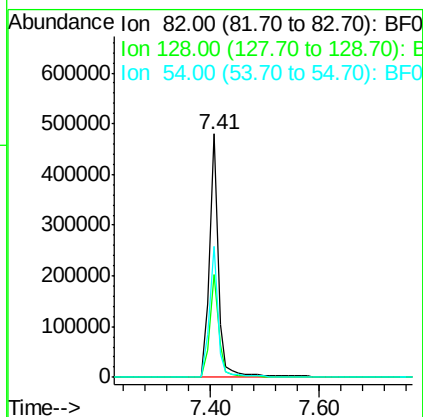
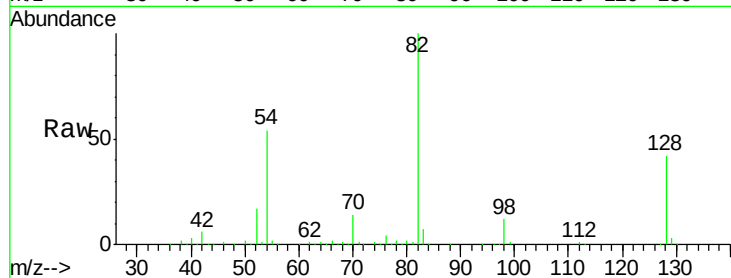




#23
 Nitrobenzene-d5
 Concen: 96.84 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

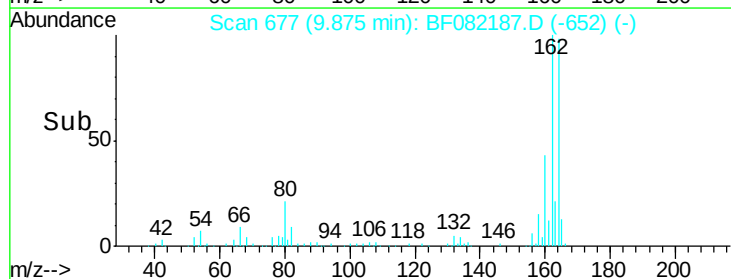
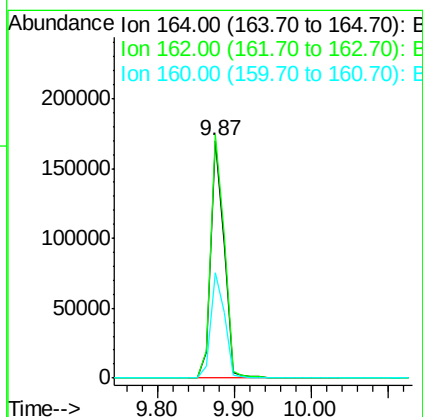
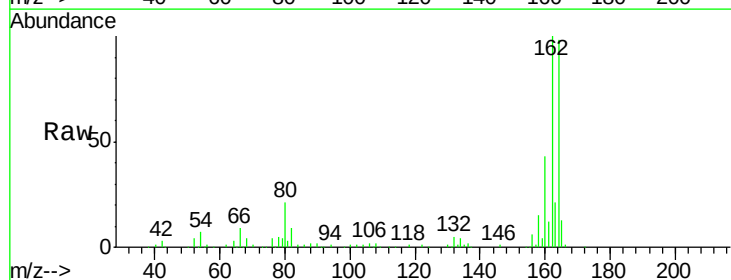
Instrument :
 BNA_F
 ClientSampleId :
 A15COMP

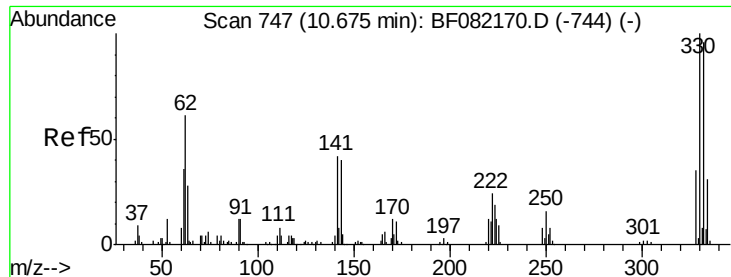
Tgt Ion: 82 Resp: 566013
 Ion Ratio Lower Upper
 82 100
 128 42.2 38.7 58.1
 54 53.8 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

Tgt Ion: 164 Resp: 202689
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.6 122.4
 160 44.6 36.4 54.6

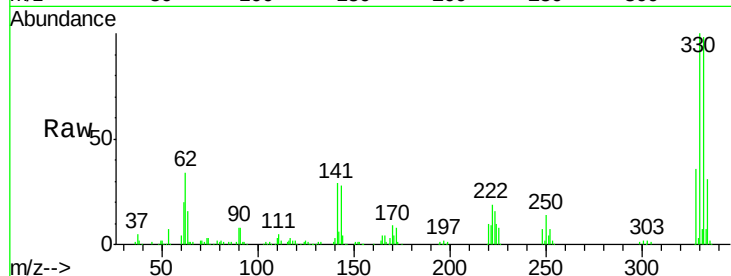




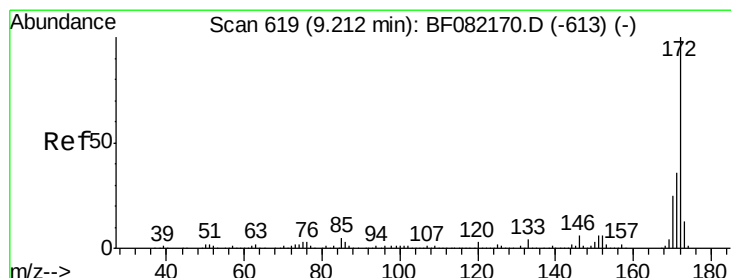
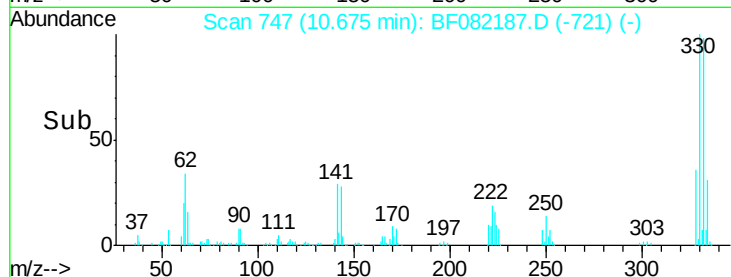
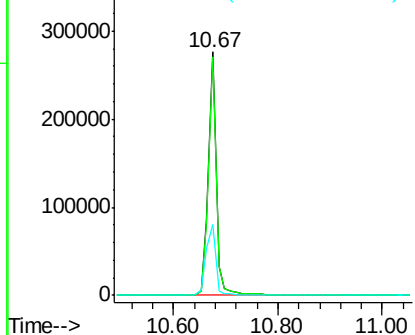
#41
 2,4,6-Tribromophenol
 Concen: 155.84 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :
 A15COMP

Tgt Ion:330 Resp: 296231
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 35.5 29.8 44.8

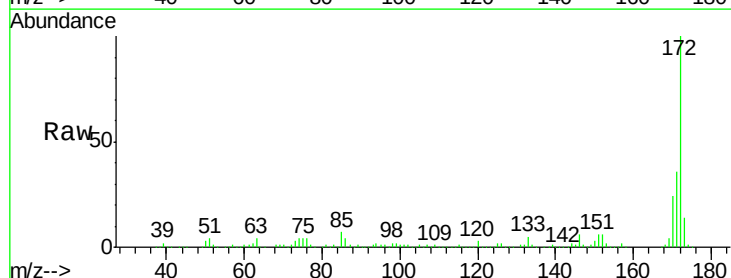


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

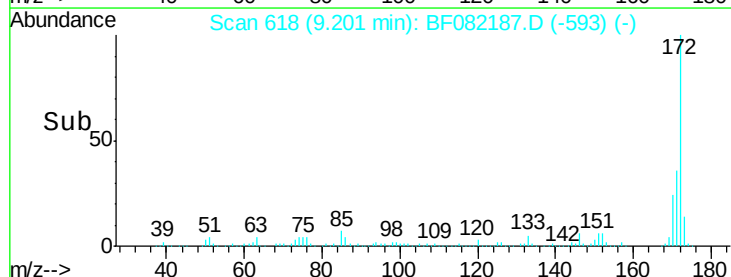
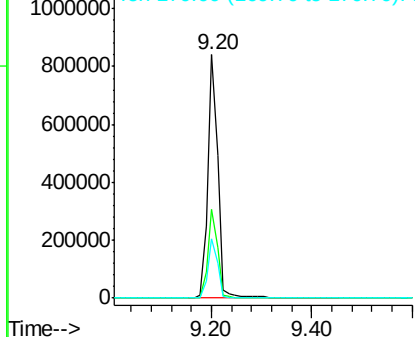


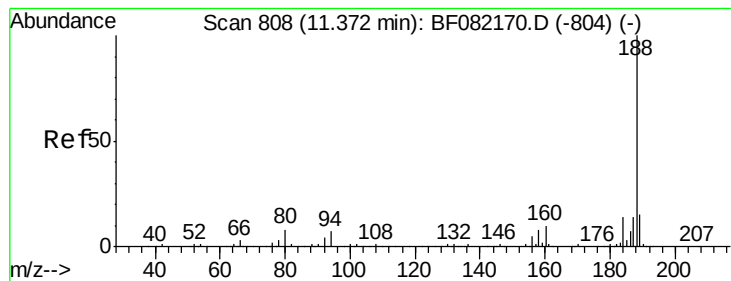
#44
 2-Fluorobiphenyl
 Concen: 95.01 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082187.D
 Acq: 10 Oct 2015 20:40

Tgt Ion:172 Resp: 1161203
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.4 19.7 29.5



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: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

Instrument :

BNA_F

ClientSampleId :

A15COMP

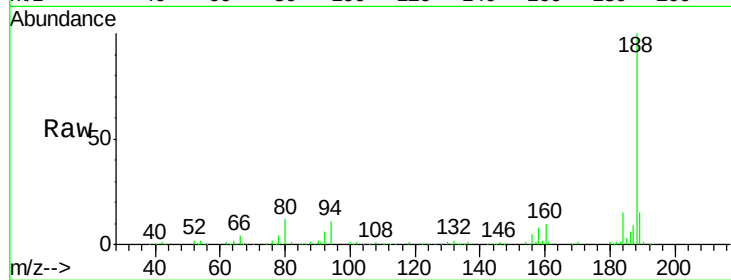
Tgt Ion:188 Resp: 411937

Ion Ratio Lower Upper

188 100

94 10.7 5.8 8.6#

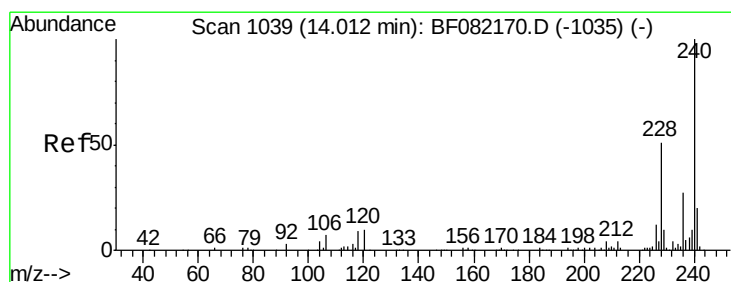
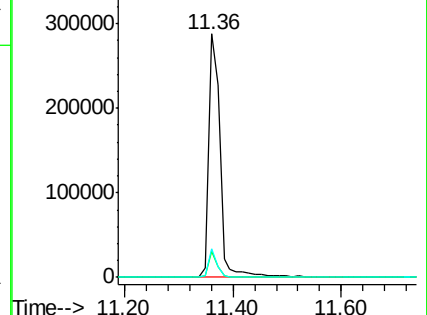
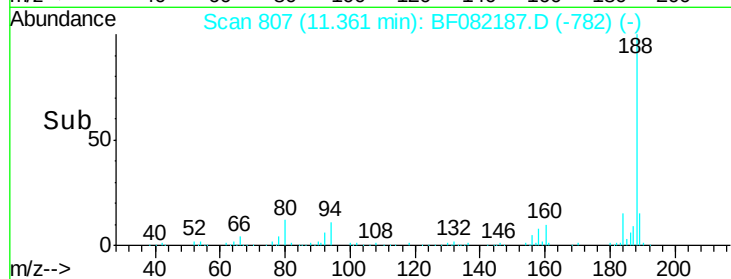
80 11.7 6.4 9.6#



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: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

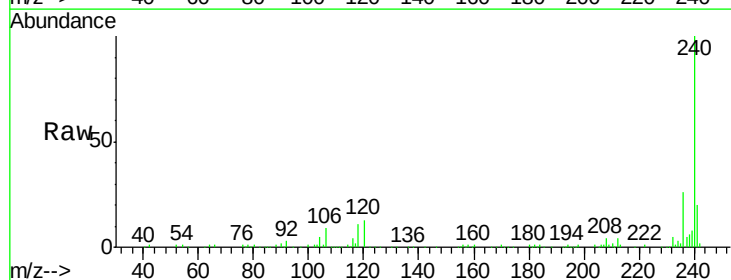
Tgt Ion:240 Resp: 370677

Ion Ratio Lower Upper

240 100

120 12.6 8.1 12.1#

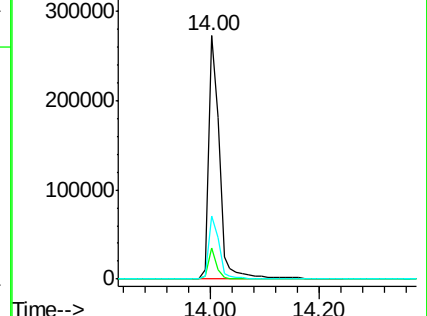
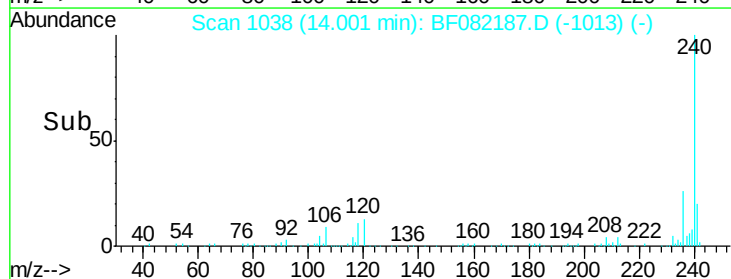
236 25.9 21.3 31.9

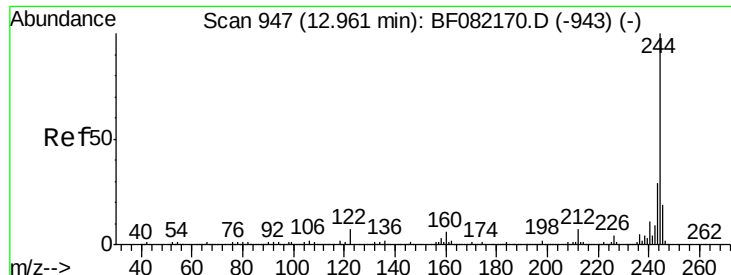


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.68 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

Instrument :

BNA_F

ClientSampleId :

A15COMP

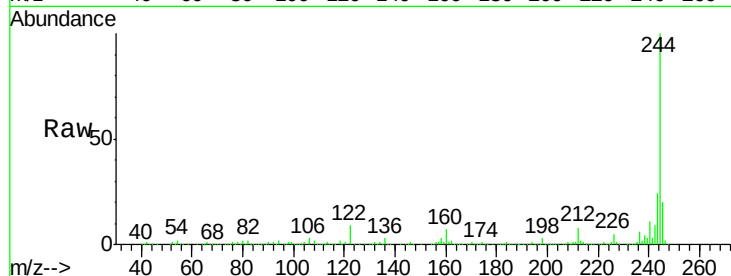
Tgt Ion:244 Resp: 1366424

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

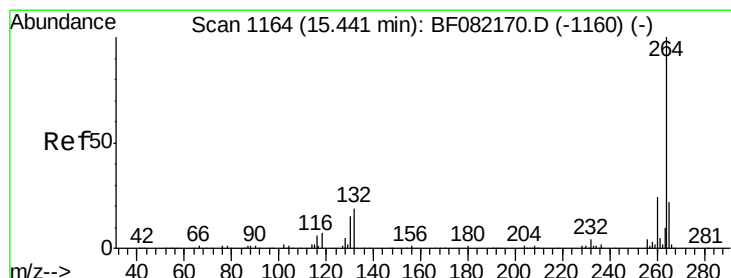
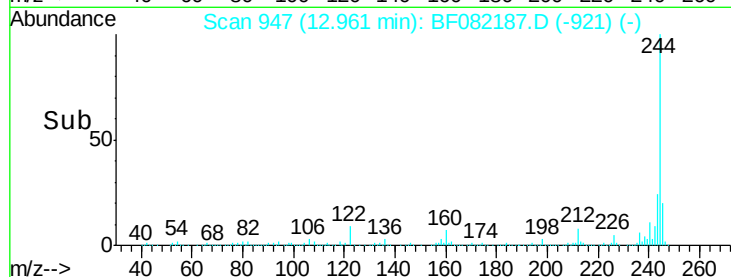
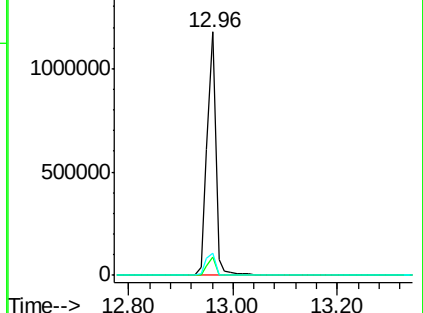
122 9.3 5.9 8.9#



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: 15.44 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF082187.D

Acq: 10 Oct 2015 20:40

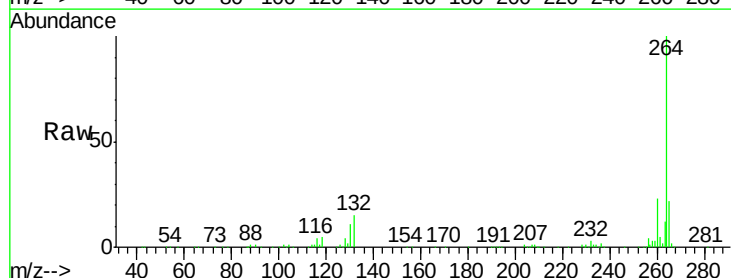
Tgt Ion:264 Resp: 283318

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.7 17.3 25.9



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

