

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083013.D
 Acq On : 18 Nov 2015 16:35
 Operator : UM/IZ
 Sample : PB86689BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BL

Quant Time: Nov 19 02:35:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	158959	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	618179	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	339902	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	608324	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	598888	20.00	ng	-0.02
86) Perylene-d12	15.27	264	600444	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1243488	121.72	ng	0.01
7) Phenol-d6	6.38	99	1624774	119.63	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1078214	75.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	383048	98.29	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1586744	66.91	ng	-0.01
78) Terphenyl-d14	12.83	244	1815484	71.90	ng	-0.01

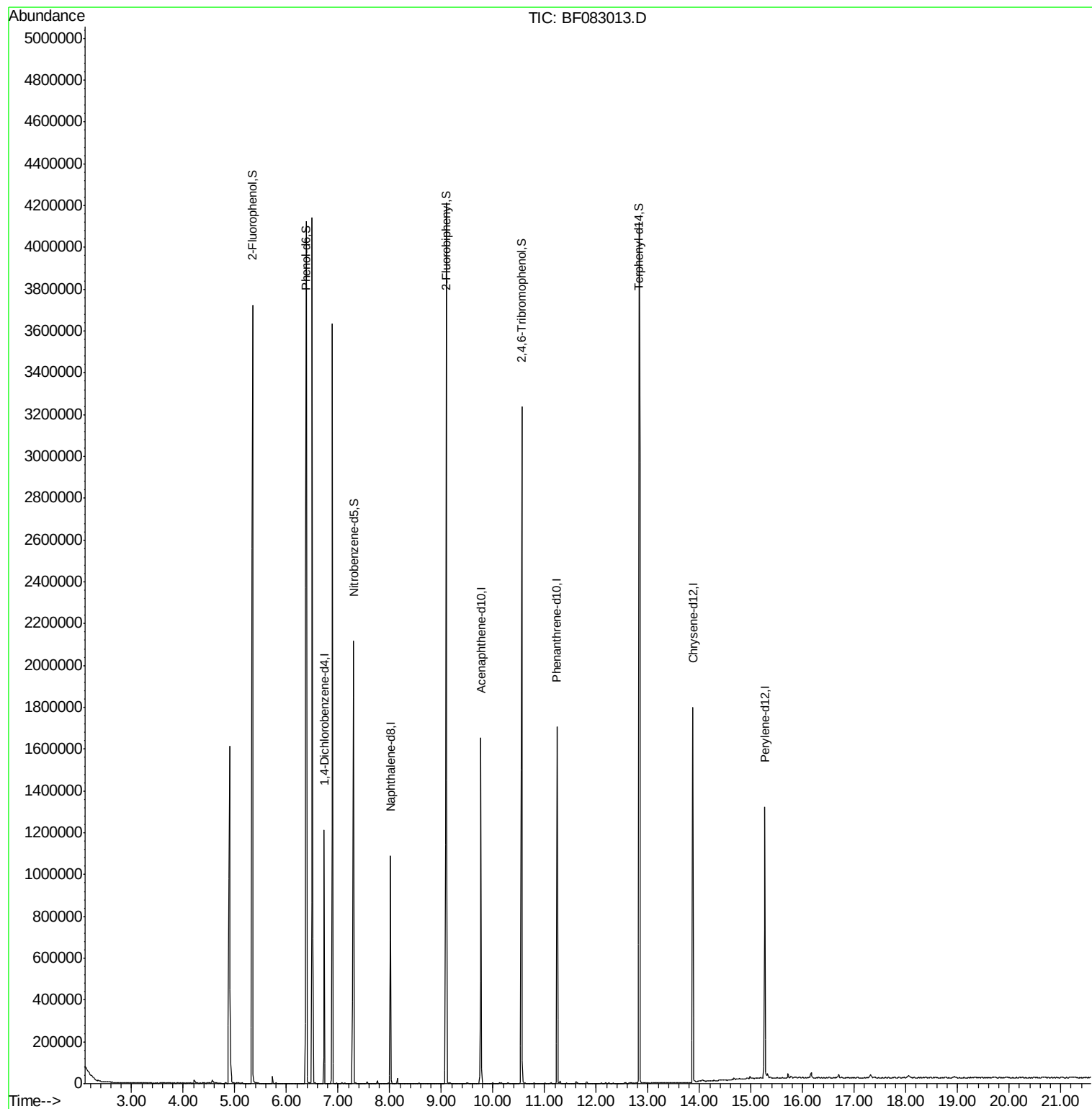
Target Compounds	Qvalue
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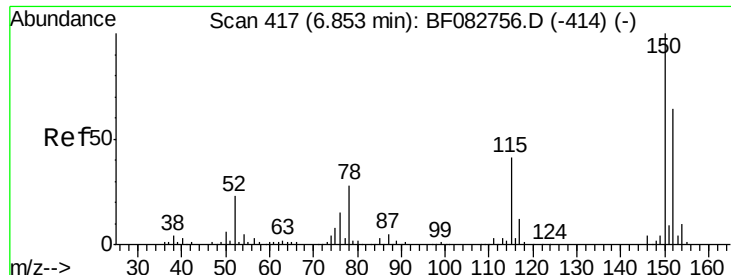
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083013.D

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Instrument :

BNA_F

ClientSampleId :

PB86689BL

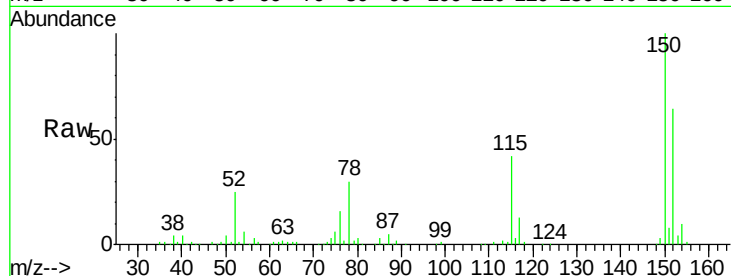
Tgt Ion:152 Resp: 158959

Ion Ratio Lower Upper

152 100

150 156.7 127.0 190.4

115 66.5 47.0 70.6

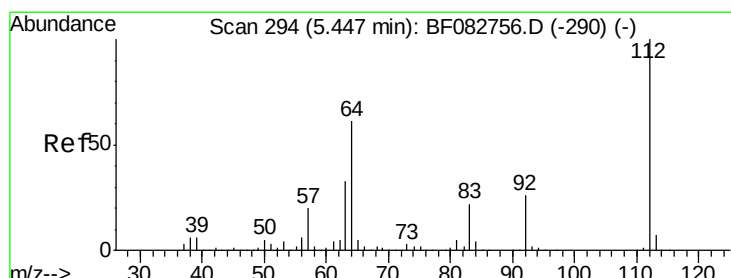
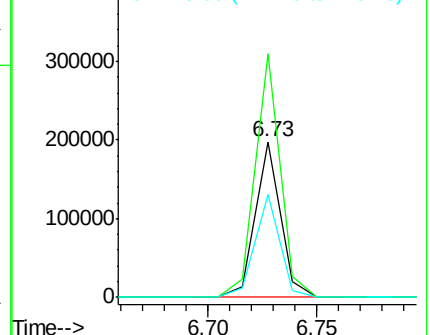
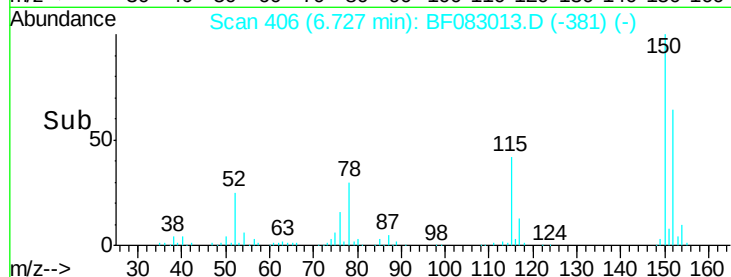


Abundance

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: 121.72 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

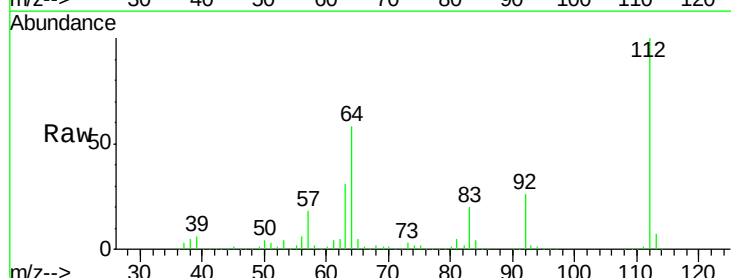
Tgt Ion:112 Resp: 1243488

Ion Ratio Lower Upper

112 100

64 58.2 48.9 73.3

63 31.3 28.1 42.1

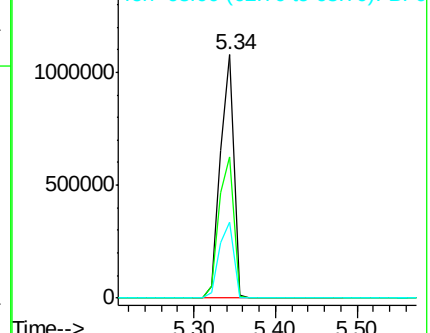
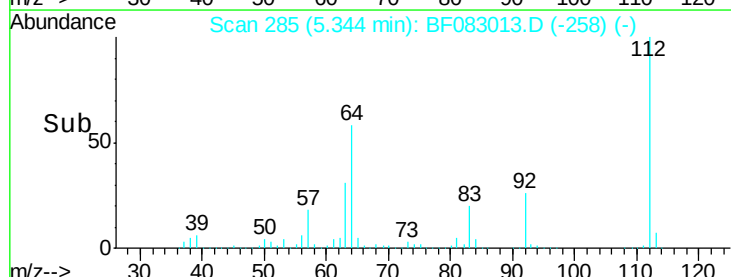


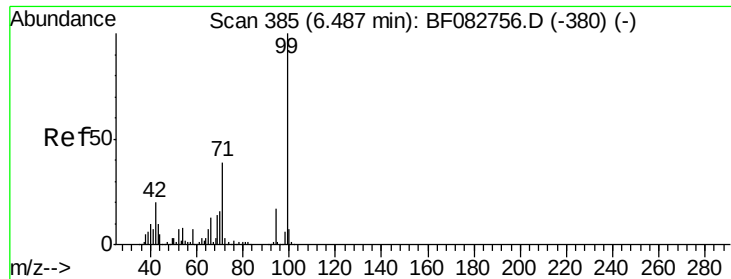
Abundance

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: 119.63 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB86689BL

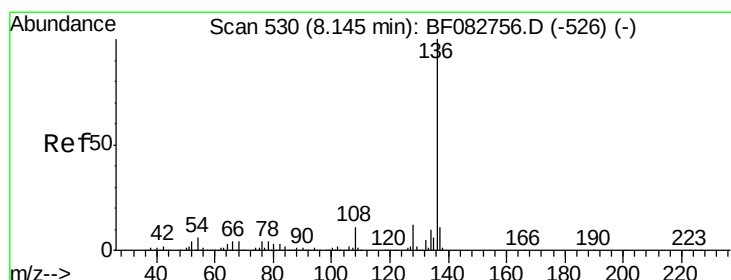
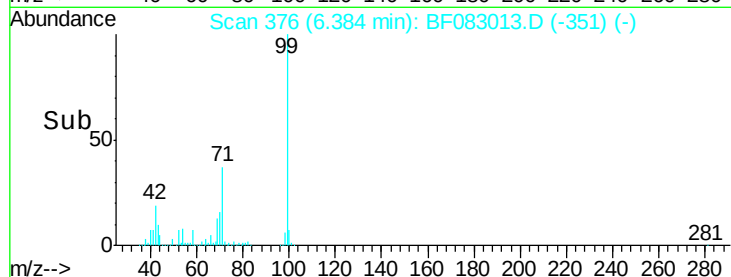
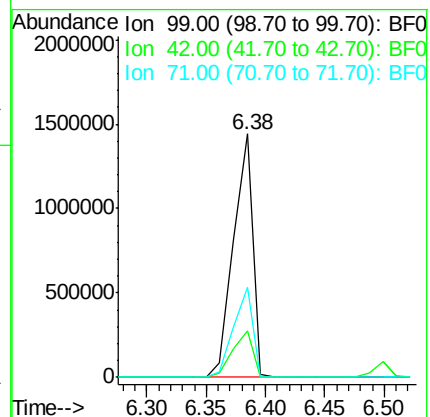
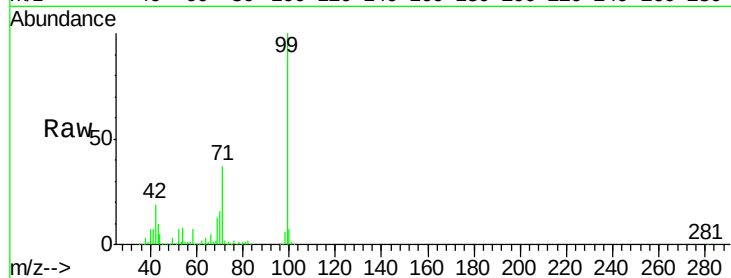
Tgt Ion: 99 Resp: 1624774

Ion Ratio Lower Upper

99 100

42 19.3 19.2 28.8

71 36.7 35.0 52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

Tgt Ion: 136 Resp: 618179

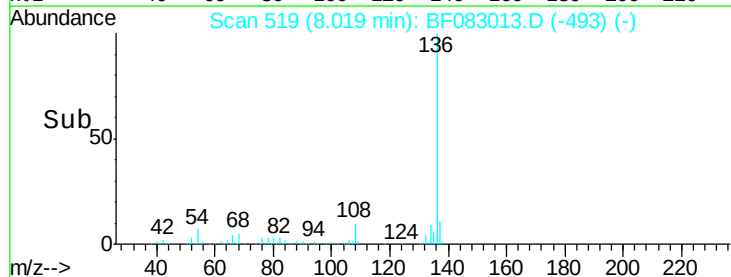
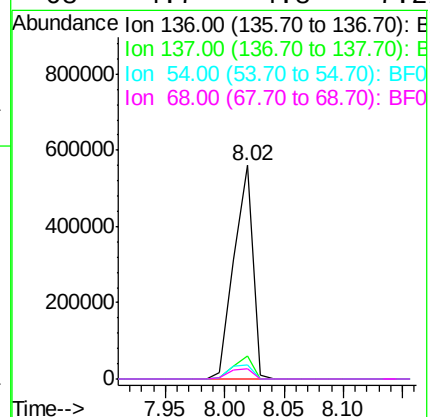
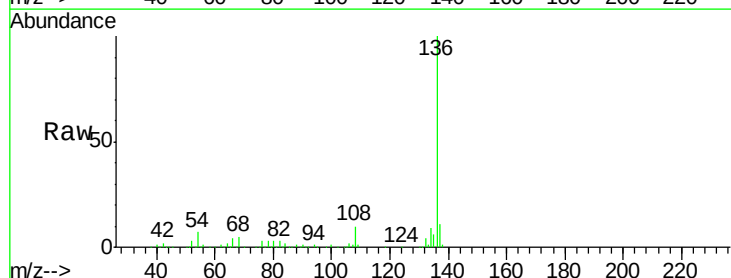
Ion Ratio Lower Upper

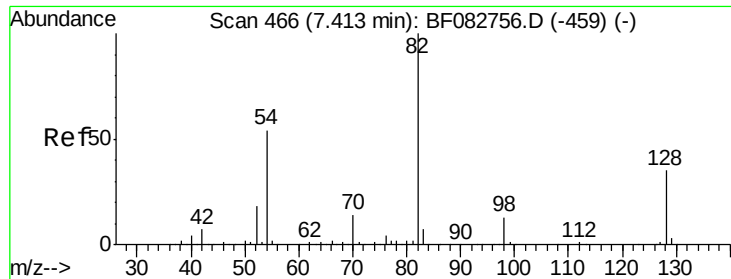
136 100

137 10.6 9.1 13.7

54 6.6 9.1 13.7#

68 4.7 4.8 7.2#

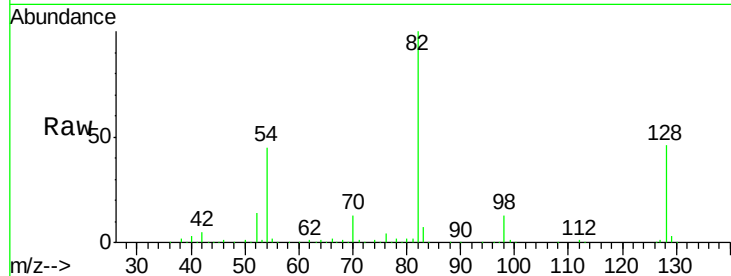




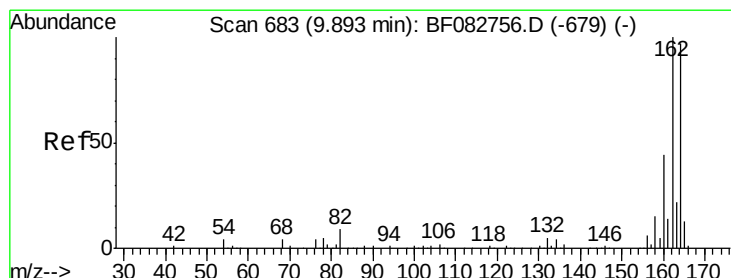
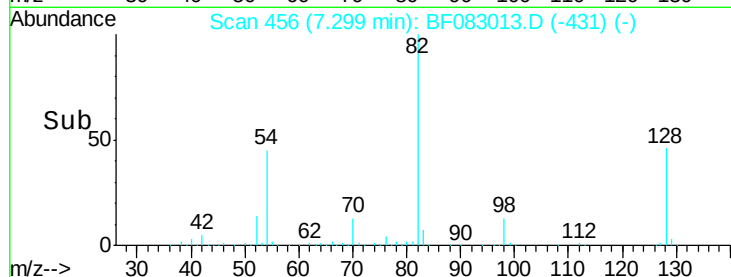
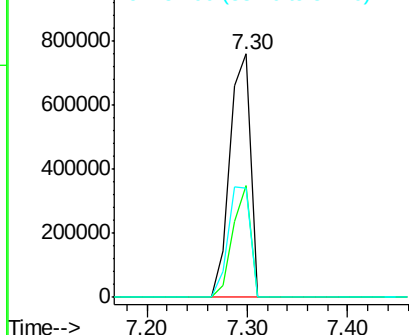
#23
 Nitrobenzene-d5
 Concen: 75.89 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083013.D
 Acq: 18 Nov 2015 16:35

Instrument :
 BNA_F
 ClientSampleID :
 PB86689BL

Tgt Ion: 82 Resp: 1078214
 Ion Ratio Lower Upper
 82 100
 128 45.9 26.8 40.2#
 54 45.0 45.7 68.5#

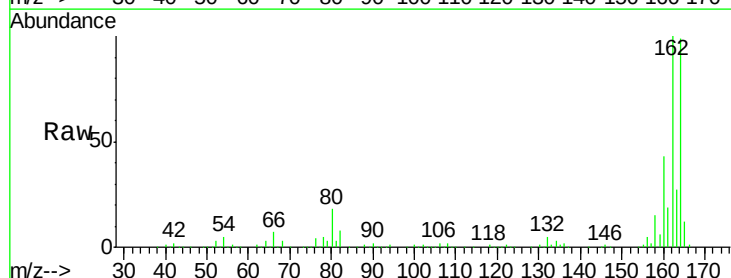


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

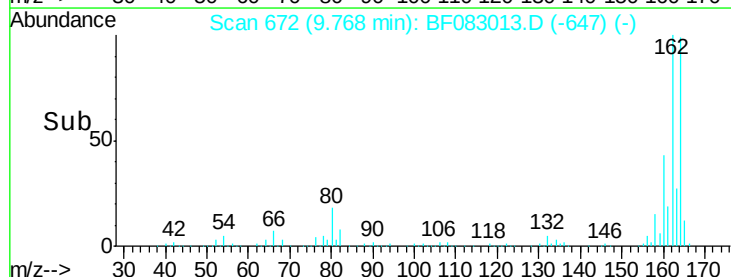
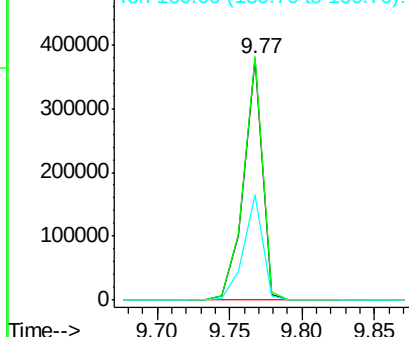


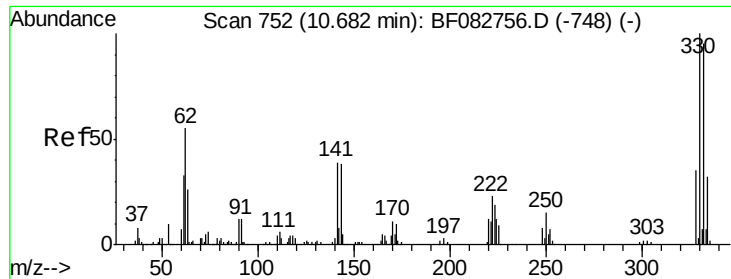
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083013.D
 Acq: 18 Nov 2015 16:35

Tgt Ion: 164 Resp: 339902
 Ion Ratio Lower Upper
 164 100
 162 100.9 84.9 127.3
 160 43.8 37.5 56.3



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

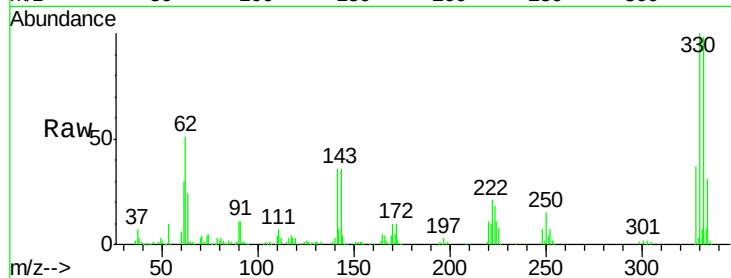




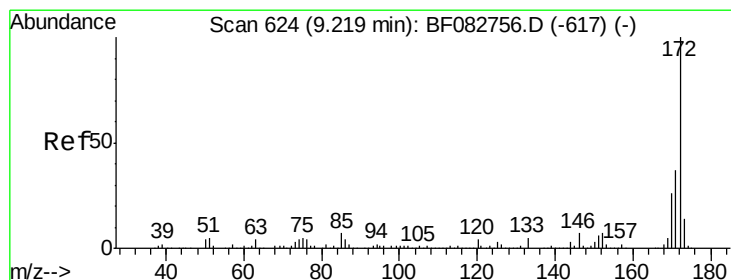
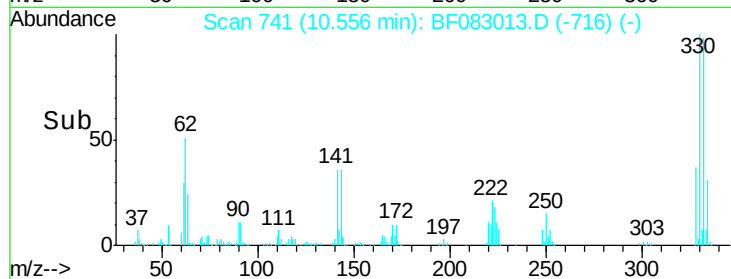
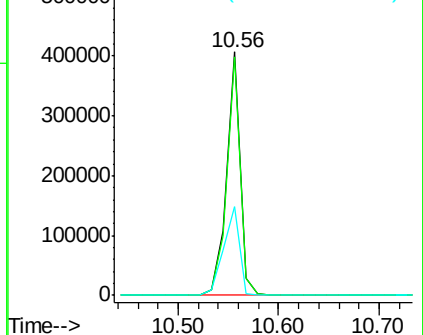
#41
 2,4,6-Tribromophenol
 Concen: 98.29 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083013.D
 Acq: 18 Nov 2015 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BL

Tgt Ion:330 Resp: 383048
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 42.2 41.2 61.8

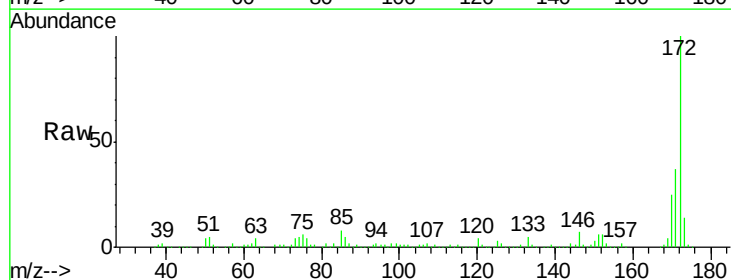


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

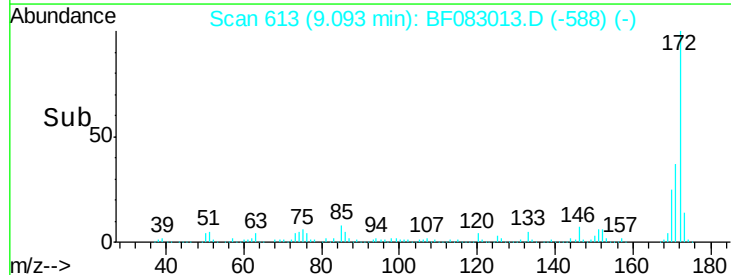
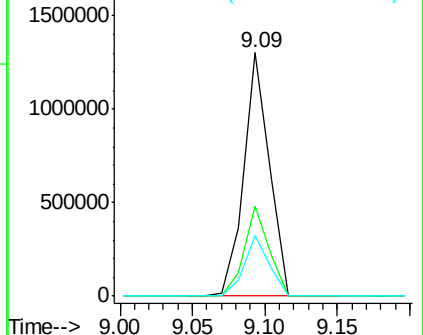


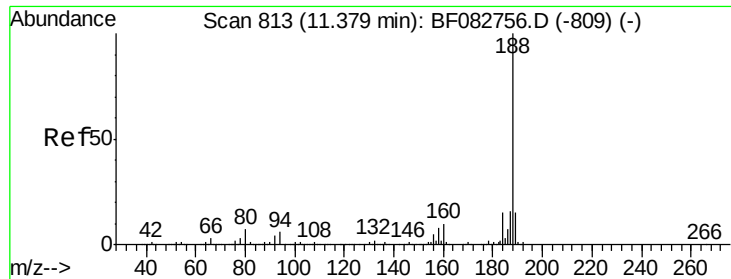
#44
 2-Fluorobiphenyl
 Concen: 66.91 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083013.D
 Acq: 18 Nov 2015 16:35

Tgt Ion:172 Resp: 1586744
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.9 21.2 31.8



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

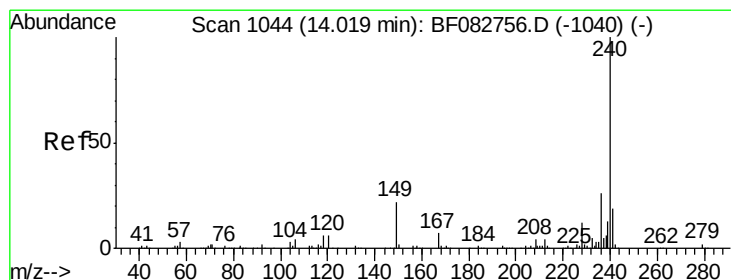
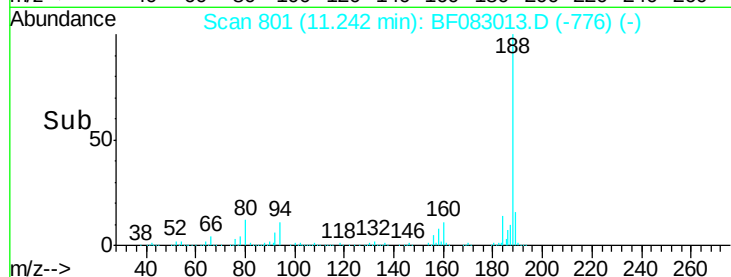
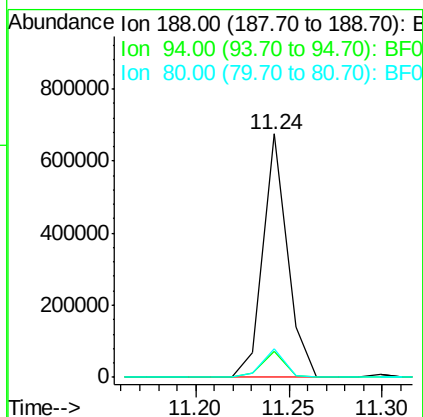
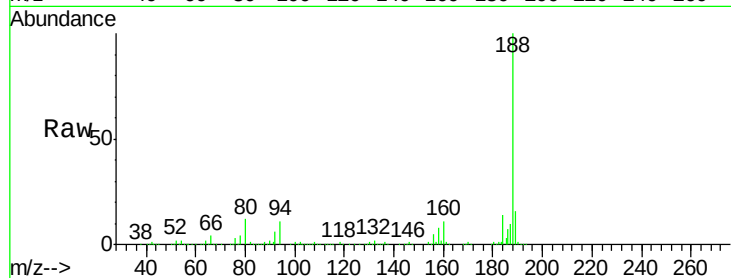




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

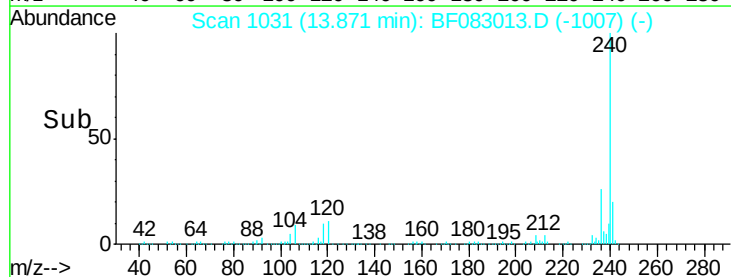
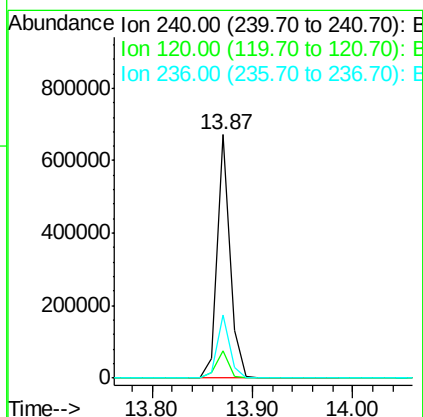
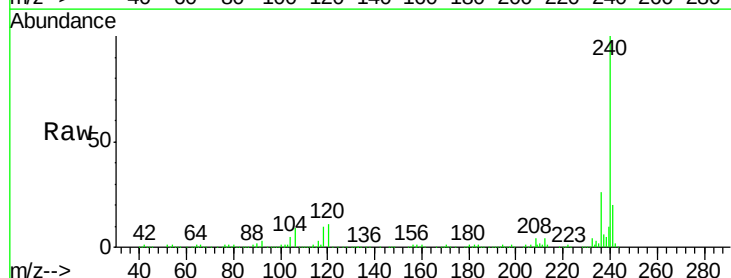
Instrument :
BNA_F
ClientSampleId :
PB86689BL

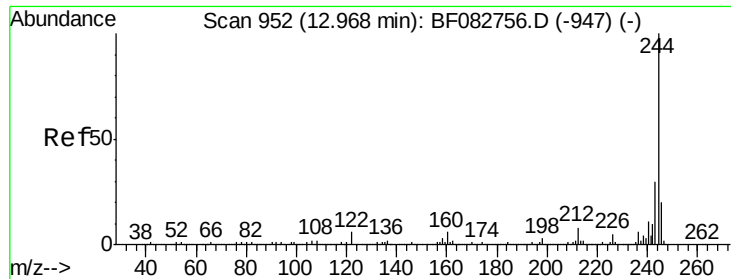
Tgt Ion:188 Resp: 608324
Ion Ratio Lower Upper
188 100
94 10.7 6.1 9.1#
80 11.6 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion:240 Resp: 598888
Ion Ratio Lower Upper
240 100
120 11.0 10.9 16.3
236 26.0 21.6 32.4





#78

Terphenyl-d14

Concen: 71.90 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

Instrument :

BNA_F

ClientSampleId :

PB86689BL

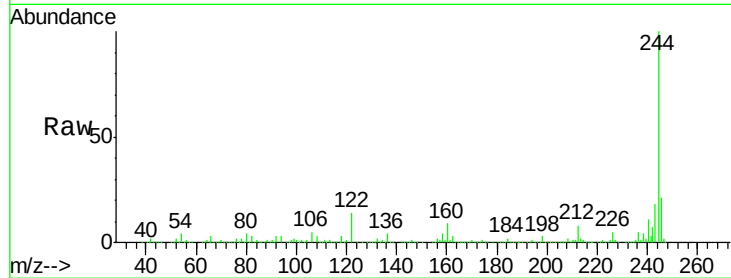
Tgt Ion:244 Resp: 1815484

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

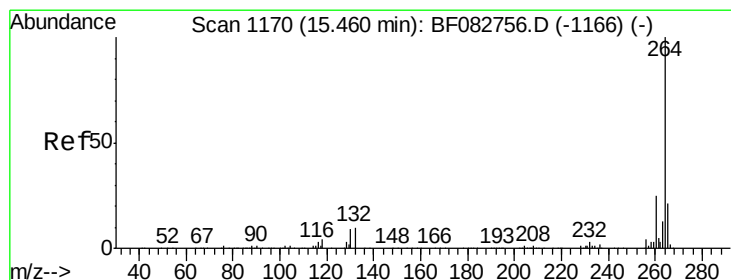
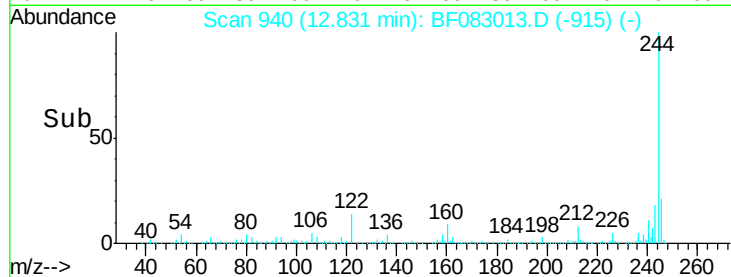
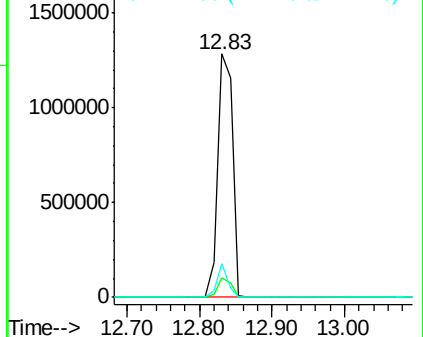
122 13.8 11.3 16.9



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: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF083013.D

Acq: 18 Nov 2015 16:35

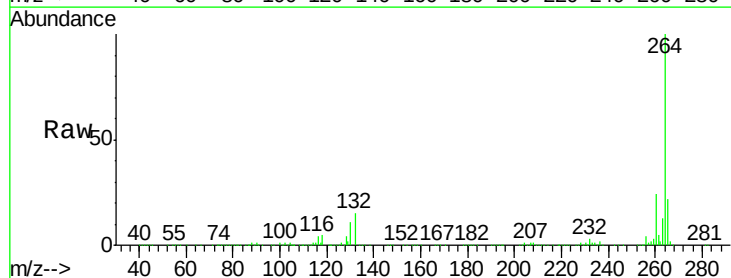
Tgt Ion:264 Resp: 600444

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 21.8 17.4 26.0



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

