

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082558.D
 Acq On : 27 Oct 2015 20:44
 Operator : UM/IZ
 Sample : G4157-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Oct 28 02:42:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	82705	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	322140	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	151918	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	277535	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	176084	20.00	ng	-0.02
86) Perylene-d12	15.32	264	162917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	604148	144.21	ng	0.02
7) Phenol-d6	6.39	99	746602	136.73	ng	0.01
23) Nitrobenzene-d5	7.29	82	555984	111.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	177320	155.87	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1039992	108.86	ng	-0.02
78) Terphenyl-d14	12.82	244	818590	133.93	ng	-0.02

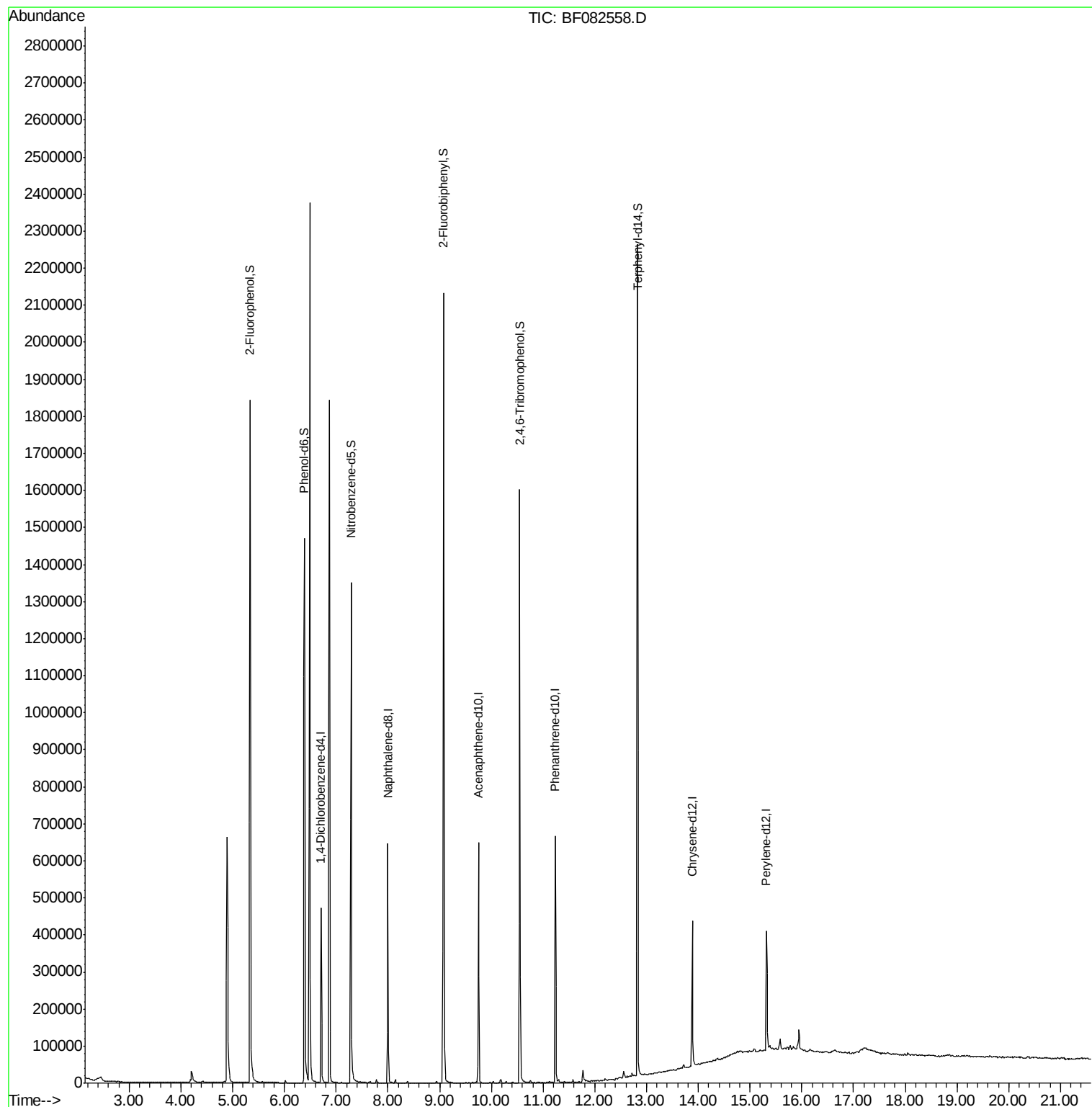
Target Compounds Qvalue

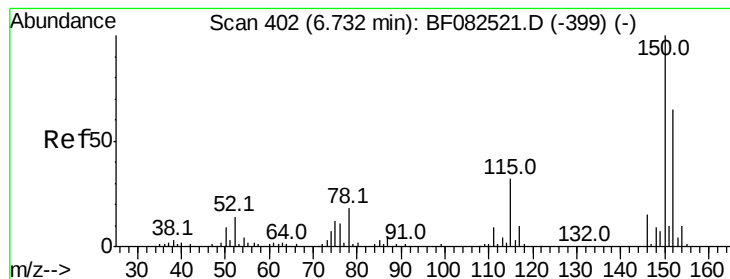
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-1

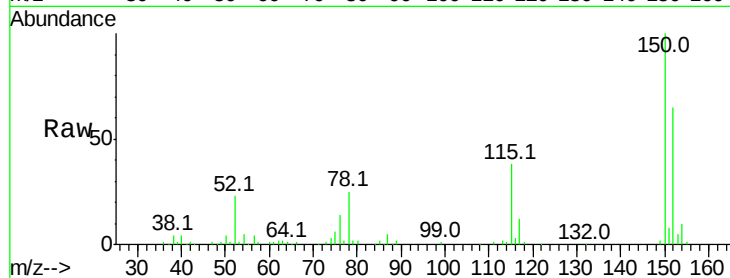
Tot Ion:152 Resp: 82705

Ion Ratio Lower Upper

152 100

150 155.0 123.4 185.0

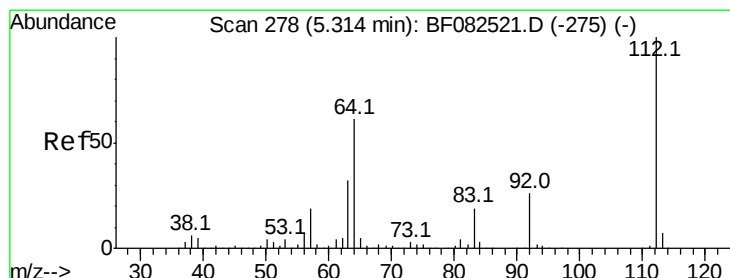
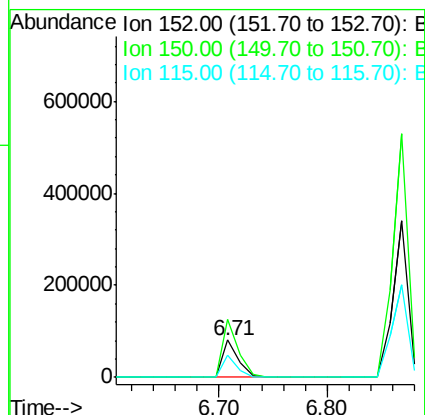
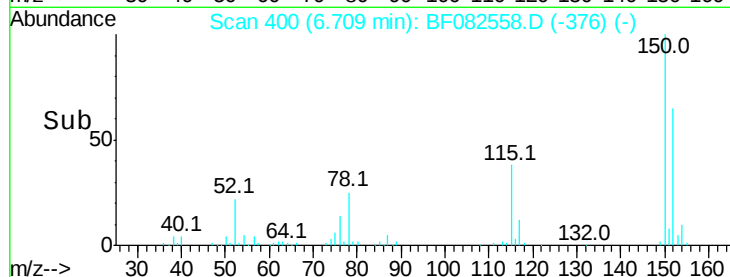
115 59.1 39.0 58.4#



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: 144.21 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

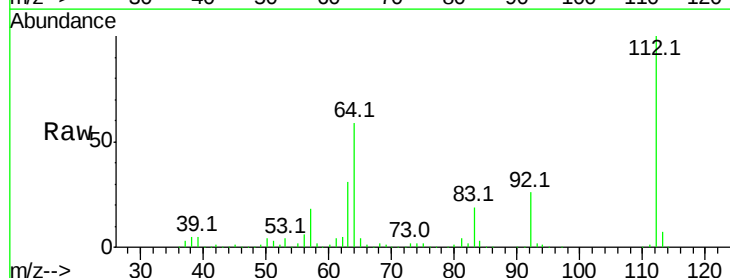
Tgt Ion:112 Resp: 604148

Ion Ratio Lower Upper

112 100

64 59.1 49.0 73.4

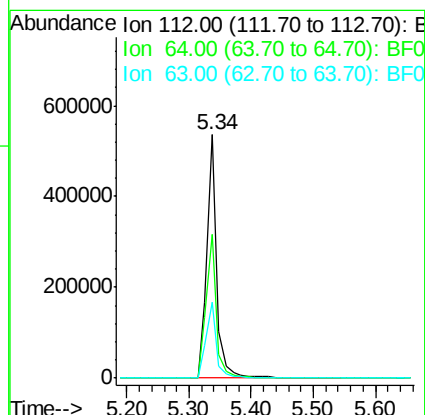
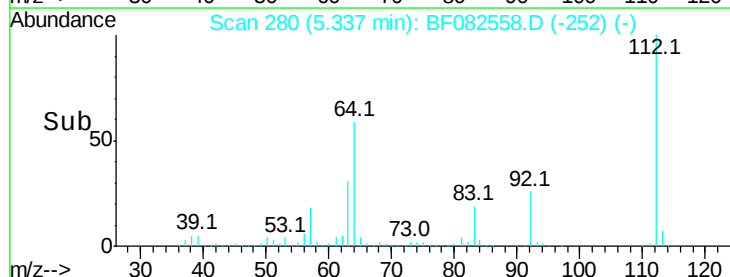
63 31.2 25.8 38.6

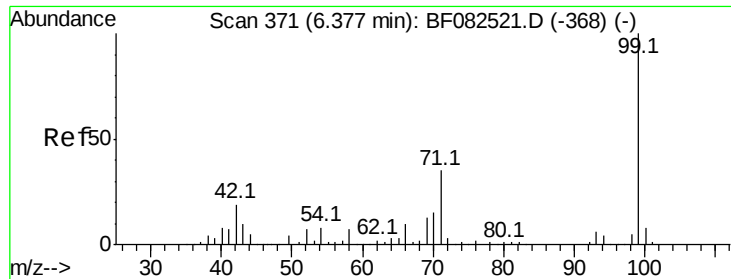


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.73 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-1

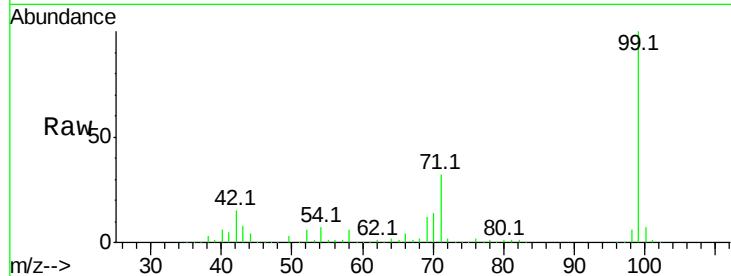
Tot Ion: 99 Resp: 746602

Ion Ratio Lower Upper

99 100

42 14.7 15.1 22.7#

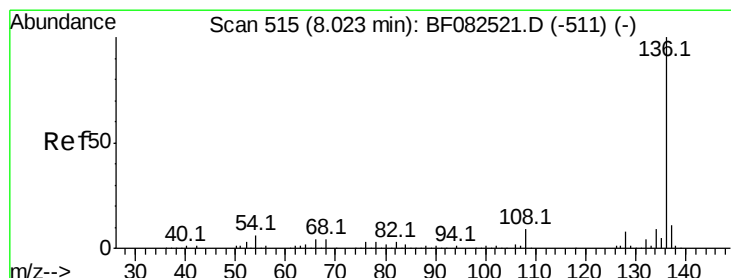
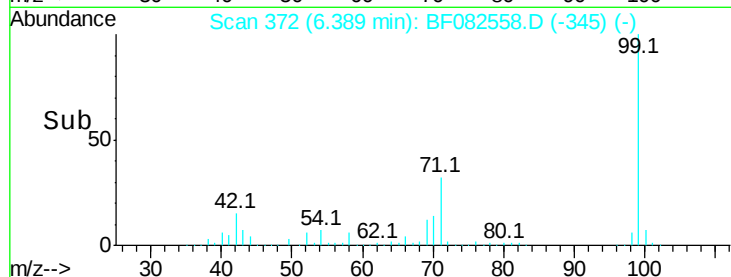
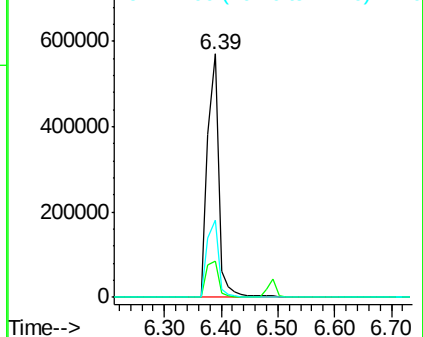
71 31.6 28.2 42.2



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: 8.00 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Tgt Ion: 136 Resp: 322140

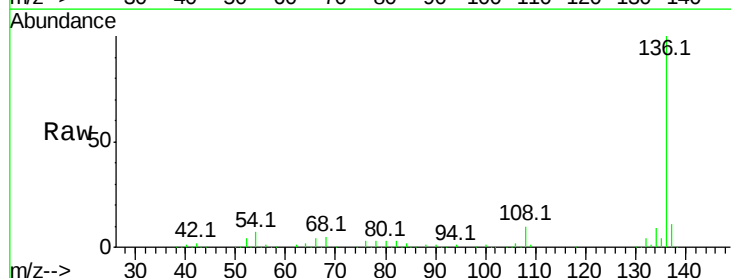
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.2 4.6 7.0#

68 4.8 3.2 4.8

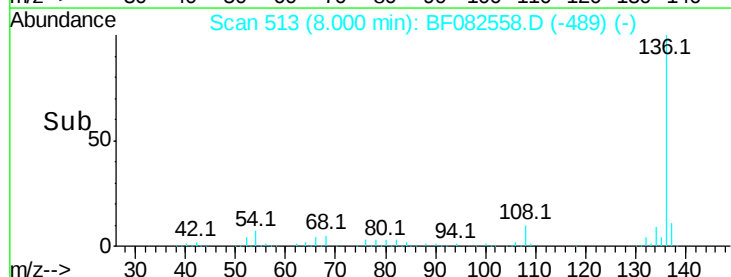
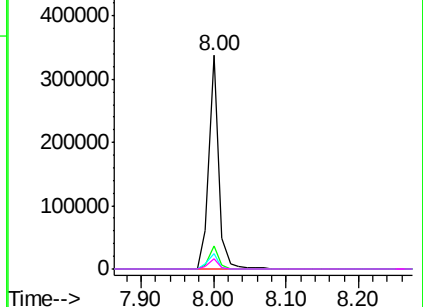


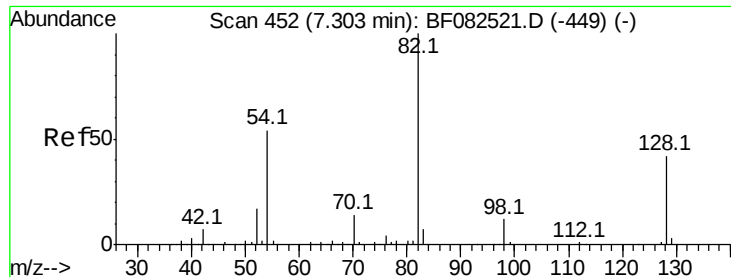
Abundance Ion 136.00 (135.70 to 136.70): E

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

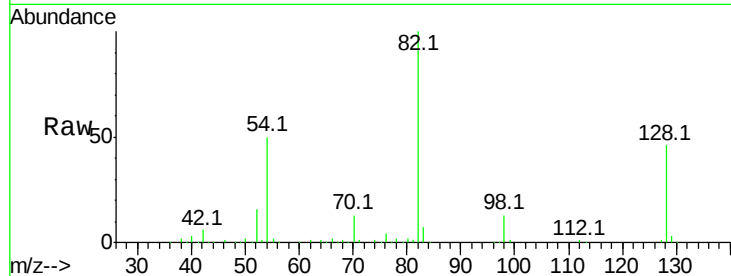




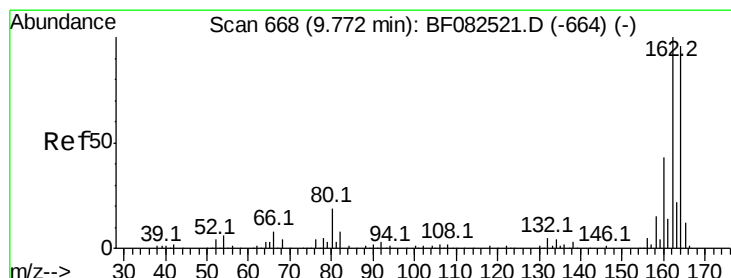
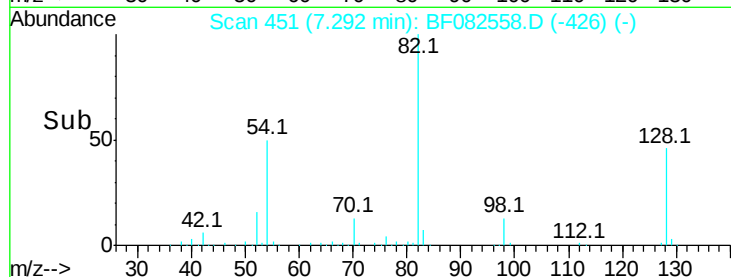
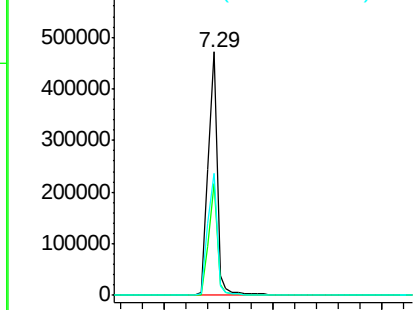
#23
 Nitrobenzene-d5
 Concen: 111.34 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

Instrument :
 BNA_F
 ClientSampleID :
 SB-1

Tot Ion: 82 Resp: 555984
 Ion Ratio Lower Upper
 82 100
 128 46.1 33.4 50.0
 54 49.9 43.5 65.3

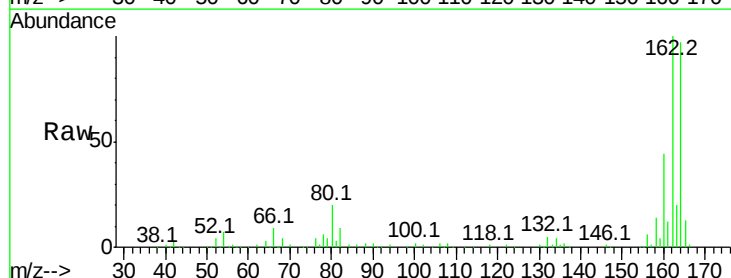


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

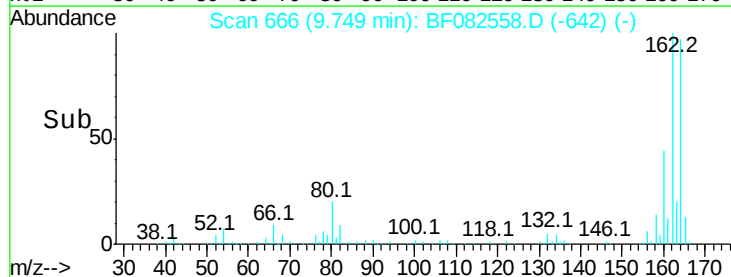
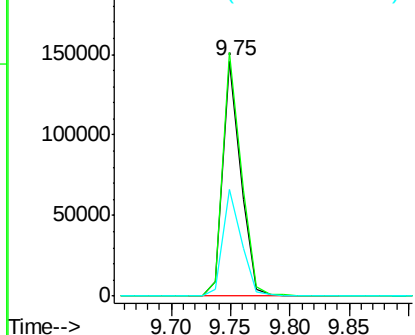


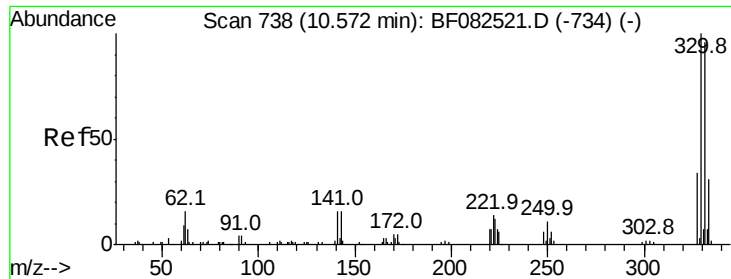
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

Tgt Ion:164 Resp: 151918
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.6 125.4
 160 45.2 36.0 54.0



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

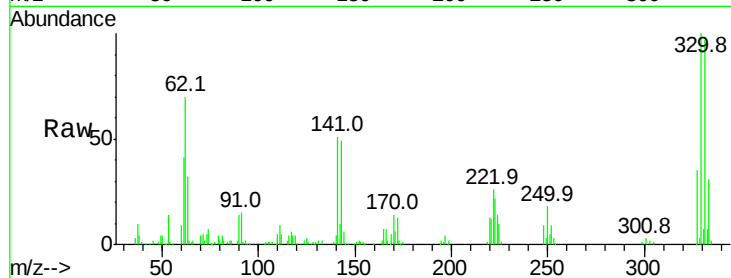




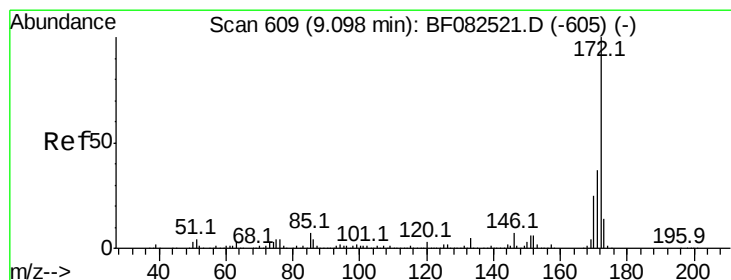
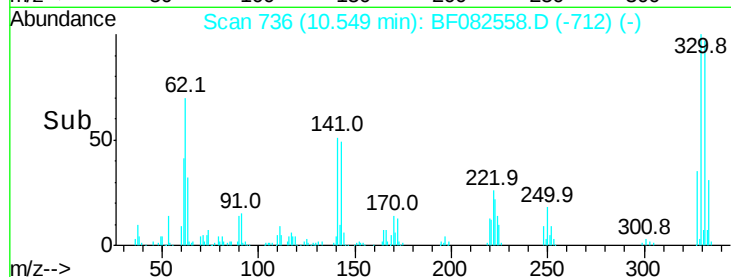
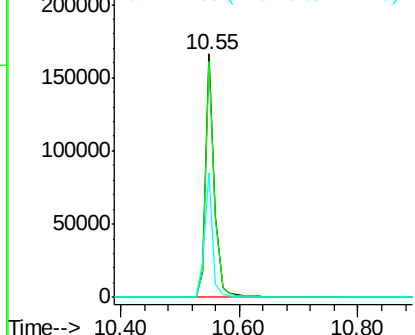
#41
 2,4,6-Tribromophenol
 Concen: 155.87 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

Instrument :
 BNA_F
 ClientSampled :
 SB-1

Tot Ion:330 Resp: 177320
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 48.0 32.5 48.7

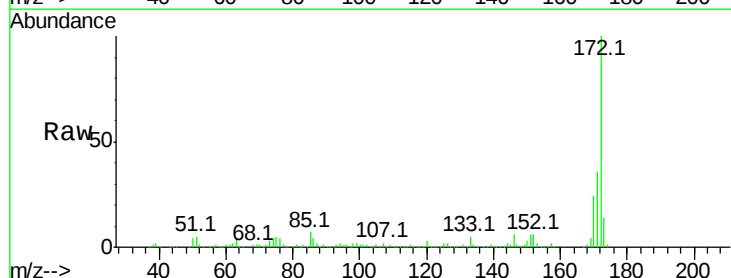


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

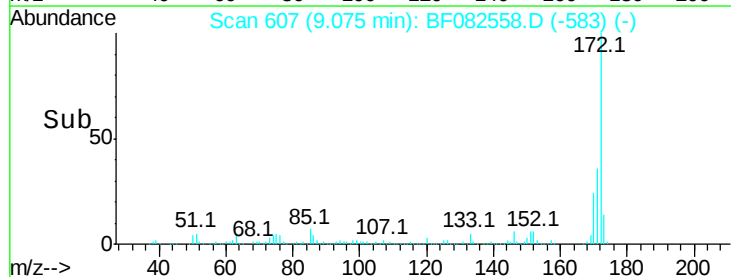
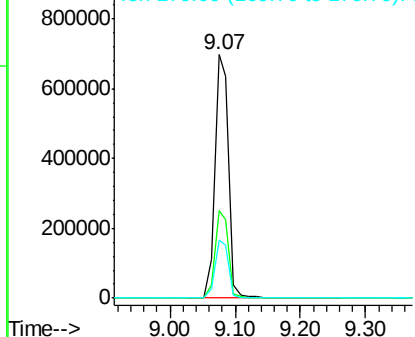


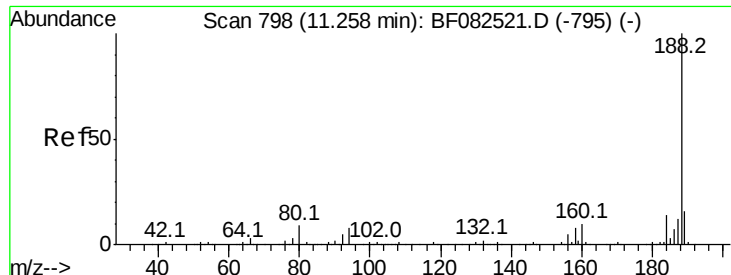
#44
 2-Fluorobiphenyl
 Concen: 108.86 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082558.D
 Acq: 27 Oct 2015 20:44

Tgt Ion:172 Resp: 1039992
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.3 43.9
 170 23.9 19.8 29.6



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

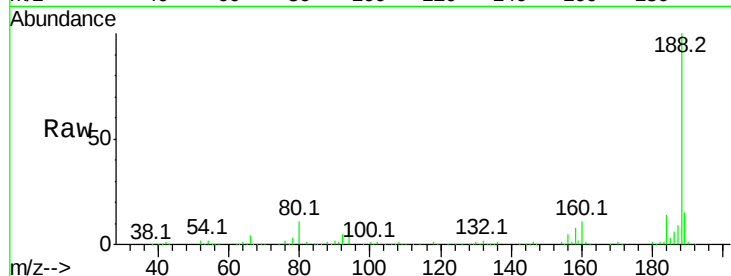




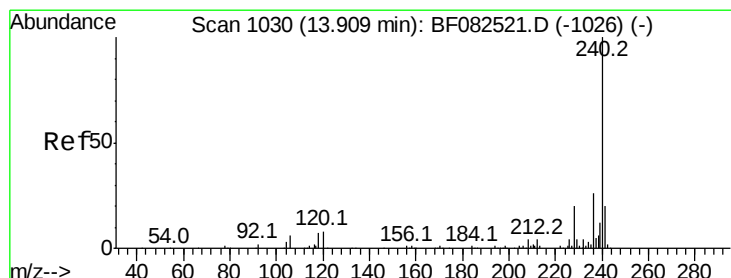
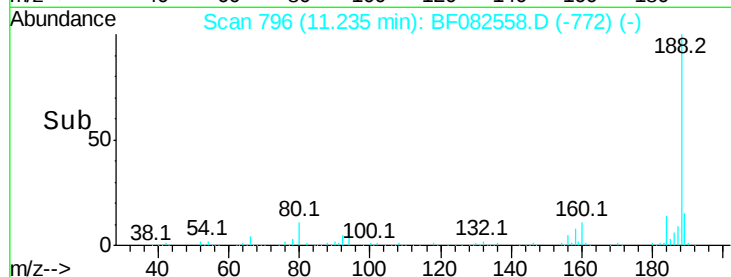
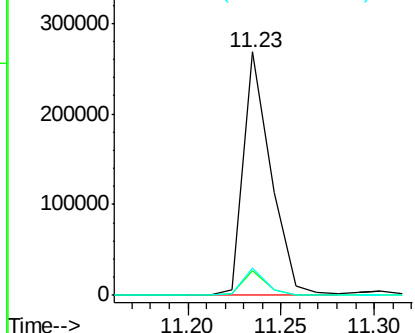
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082558.D
Acq: 27 Oct 2015 20:44

Instrument :
BNA_F
ClientSampleId :
SB-1

Tot Ion:188 Resp: 277535
Ion Ratio Lower Upper
188 100
94 10.1 6.4 9.6#
80 11.2 7.0 10.6#

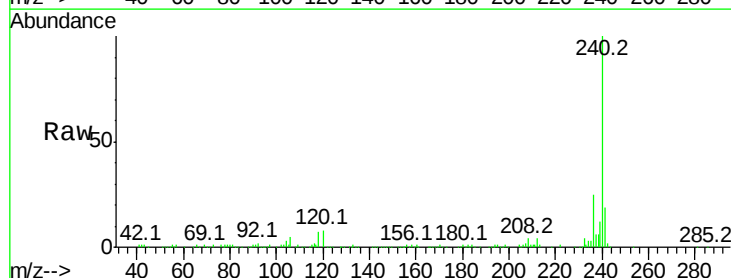


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

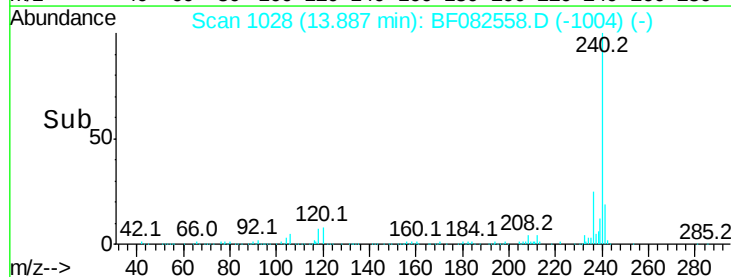
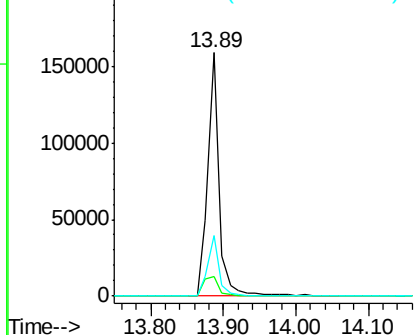


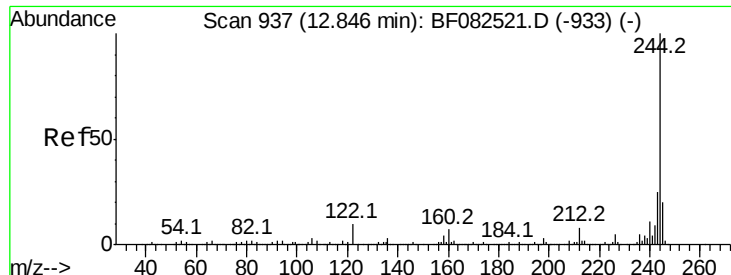
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF082558.D
Acq: 27 Oct 2015 20:44

Tgt Ion:240 Resp: 176084
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.1 20.5 30.7



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: 133.93 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Instrument :

BNA_F

ClientSampled :

SB-1

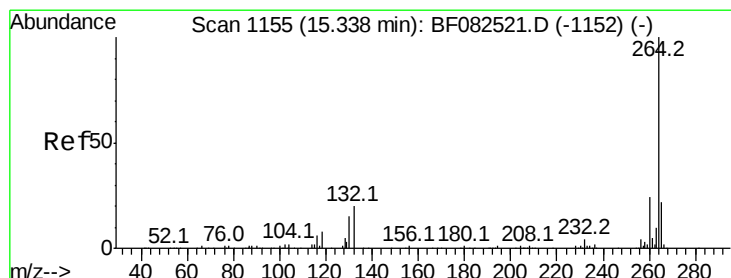
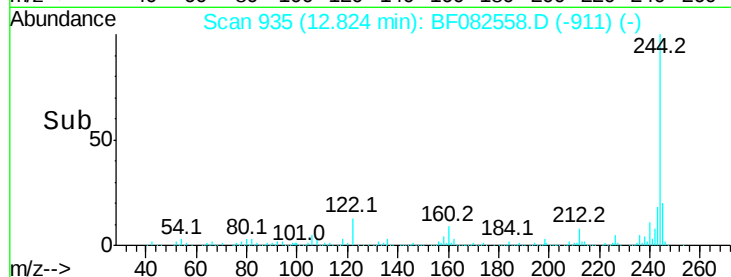
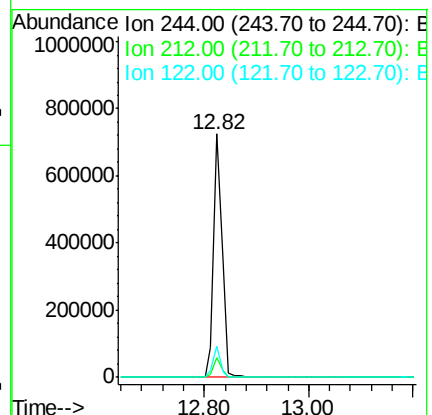
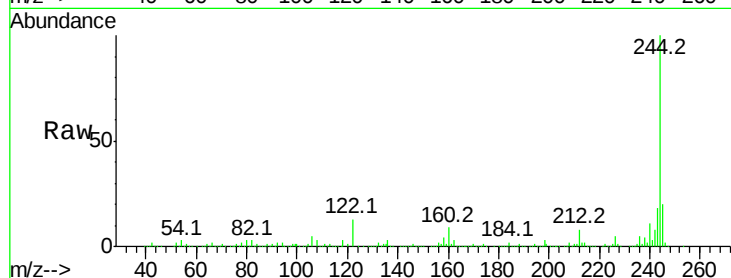
Tot Ion:244 Resp: 818590

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

122 13.0 8.1 12.1#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF082558.D

Acq: 27 Oct 2015 20:44

Tgt Ion:264 Resp: 162917

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.4 17.8 26.6

