

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF088998.D
 Acq On : 14 Jul 2016 21:20
 Operator : UM/SJ
 Sample : H3996-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U2-B2(6-12)C

Quant Time: Jul 15 03:21:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

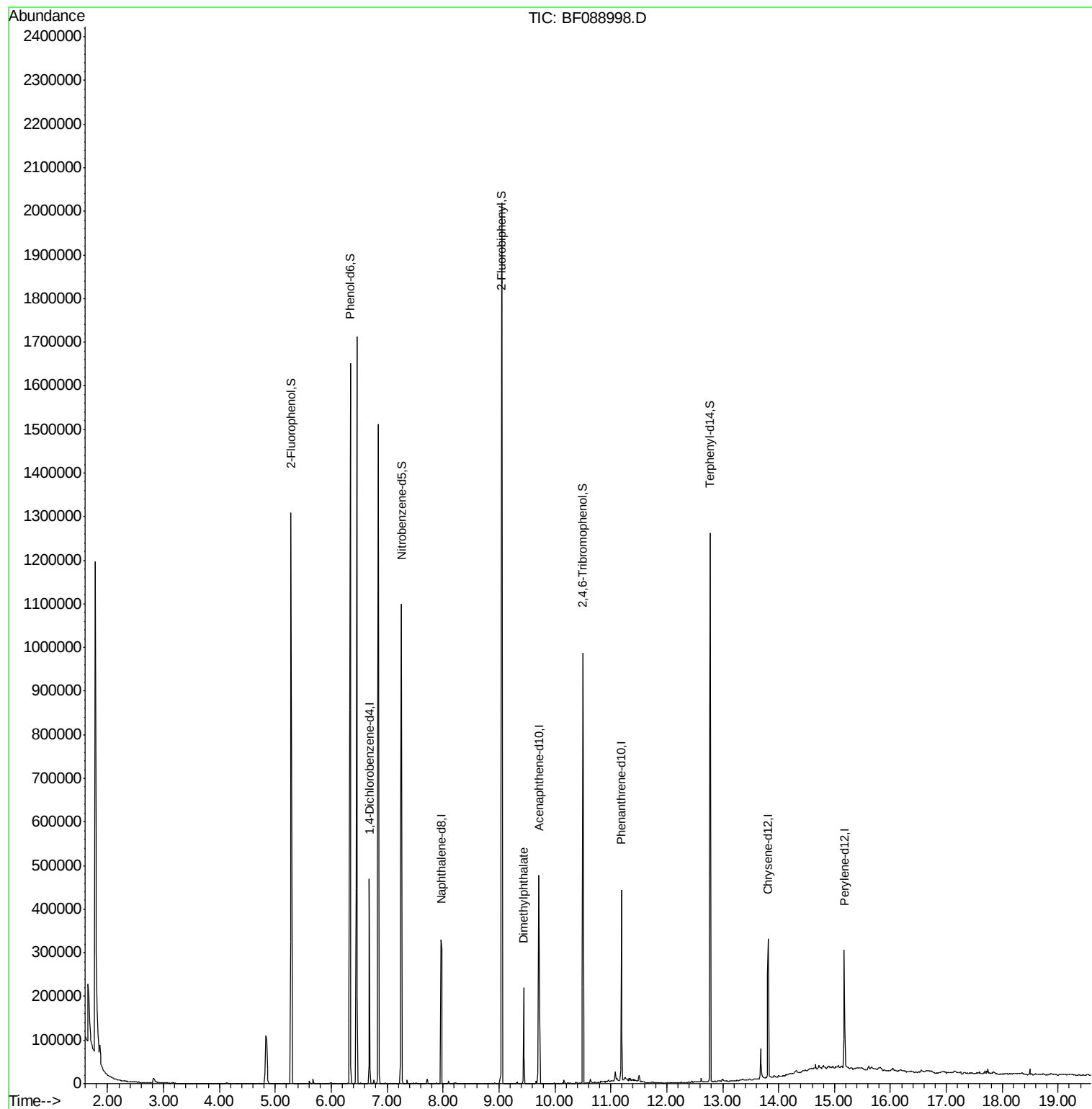
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	60746	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	222780	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	93055	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	152875	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	126545	20.00	ng	-0.03
86) Perylene-d12	15.18	264	102526	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	468438	115.57	ng	-0.01
7) Phenol-d6	6.34	99	627957	119.90	ng	-0.01
23) Nitrobenzene-d5	7.26	82	394594	92.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	84517	97.81	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	598574	101.61	ng	-0.02
78) Terphenyl-d14	12.78	244	380404	66.96	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	87374	13.18	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF088998.D

Acq: 14 Jul 2016 21:20

Instrument :

BNA_F

ClientSampleId :

U2-B2(6-12)C

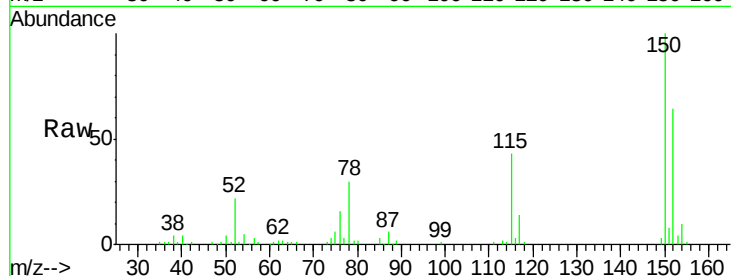
Tot Ion:152 Resp: 60746

Ion Ratio Lower Upper

152 100

150 156.3 123.8 185.6

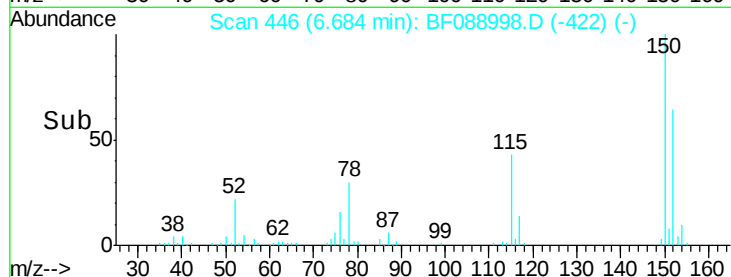
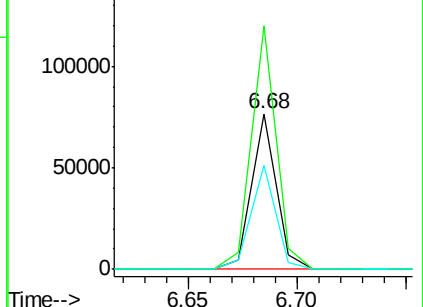
115 67.2 39.6 59.4#



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: 115.57 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088998.D

Acq: 14 Jul 2016 21:20

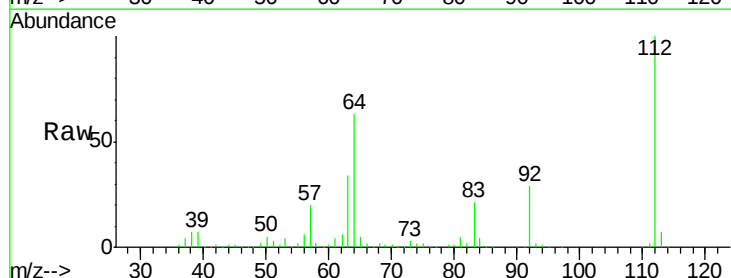
Tgt Ion:112 Resp: 468438

Ion Ratio Lower Upper

112 100

64 62.6 42.2 63.2

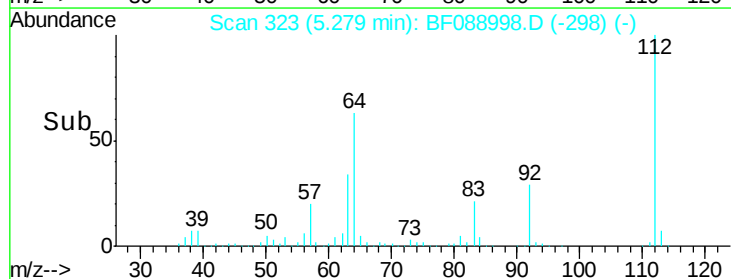
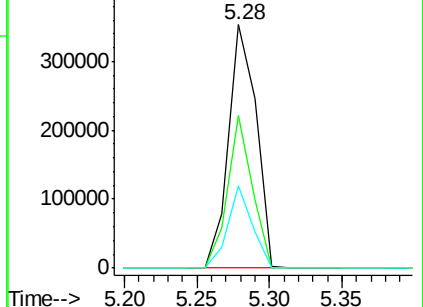
63 33.8 21.8 32.8#



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: 119.90 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088998.D

Acq: 14 Jul 2016 21:20

Instrument :

BNA_F

ClientSampleId :

U2-B2(6-12)C

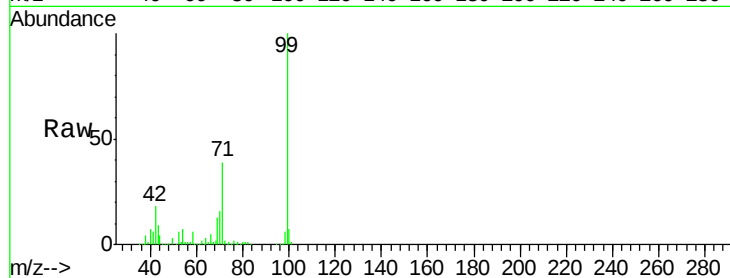
Tot Ion: 99 Resp: 627957

Ion Ratio Lower Upper

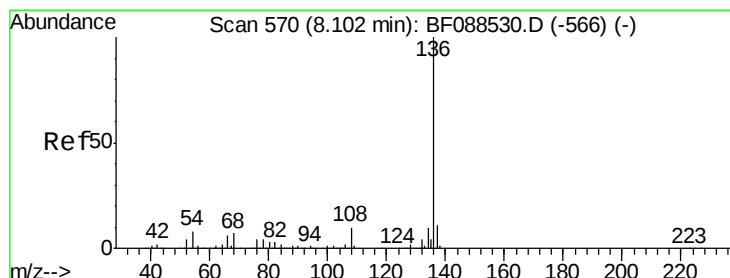
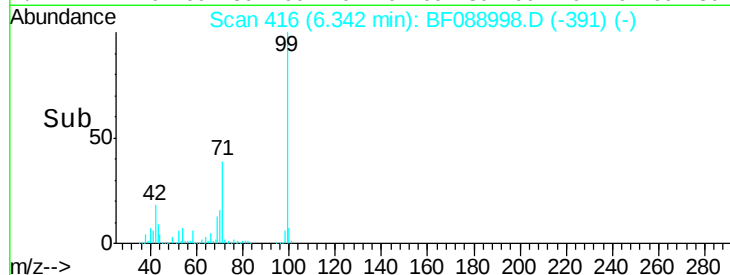
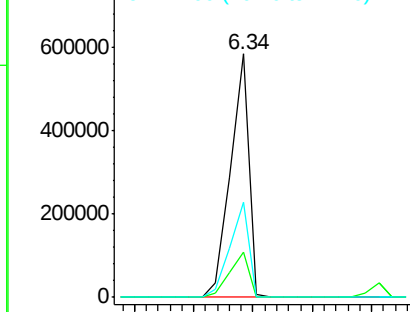
99 100

42 18.4 12.2 18.2#

71 38.9 23.4 35.0#



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: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088998.D

Acq: 14 Jul 2016 21:20

Tgt Ion: 136 Resp: 222780

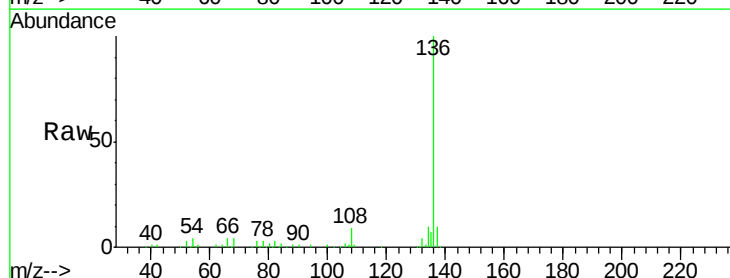
Ion Ratio Lower Upper

136 100

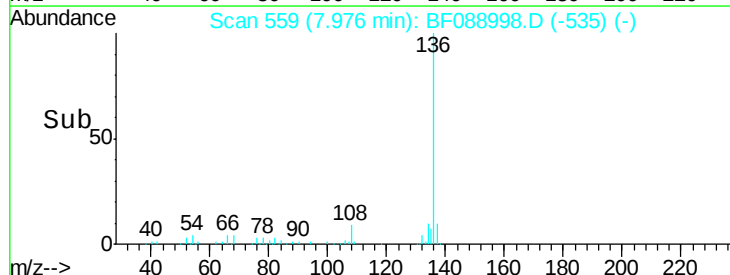
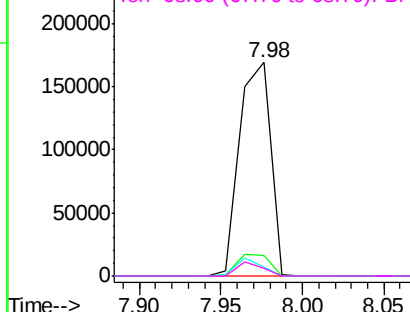
137 9.9 9.1 13.7

54 4.3 6.6 10.0#

68 3.6 5.1 7.7#



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

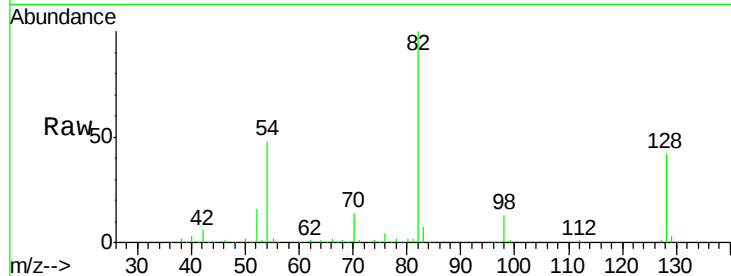




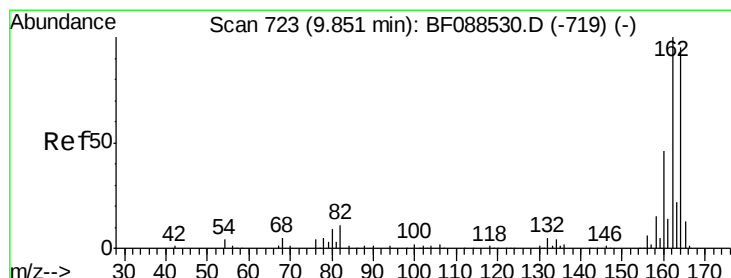
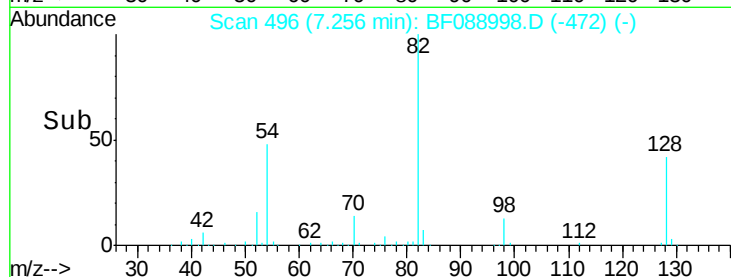
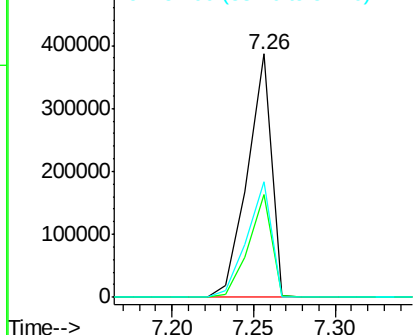
#23
 Nitrobenzene-d5
 Concen: 92.82 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088998.D
 Acq: 14 Jul 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 U2-B2(6-12)C

Tot Ion	82	Resp	394594
Ion Ratio	100	Lower	Upper
128	42.4	35.9	53.9
54	47.6	40.9	61.3

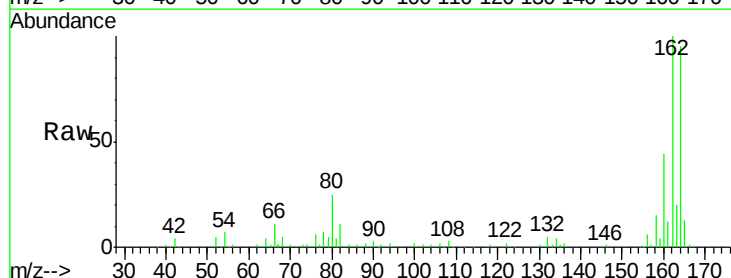


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

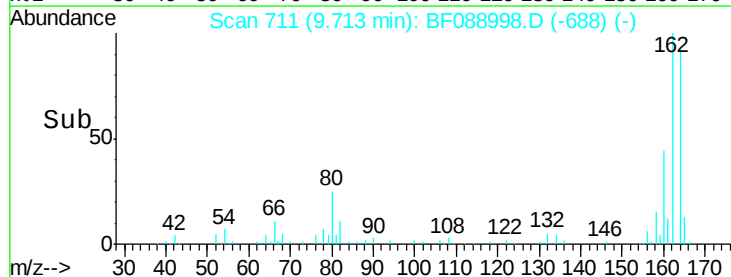
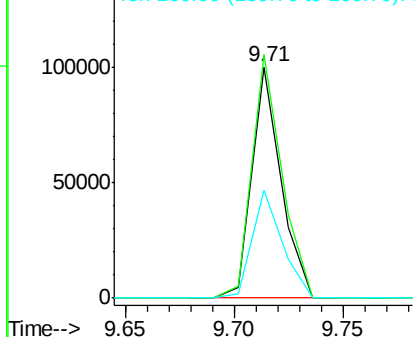


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF088998.D
 Acq: 14 Jul 2016 21:20

Tgt Ion	164	Resp	93055
Ion Ratio	100	Lower	Upper
162	105.2	85.4	128.2
160	46.5	39.5	59.3



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

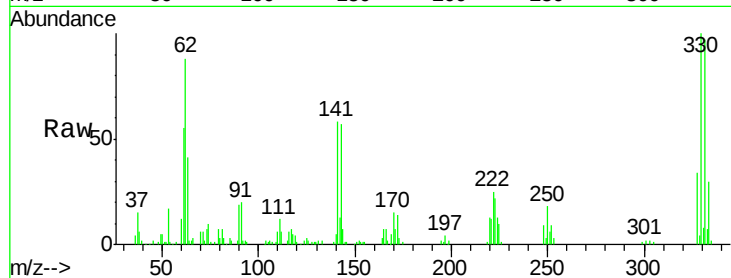




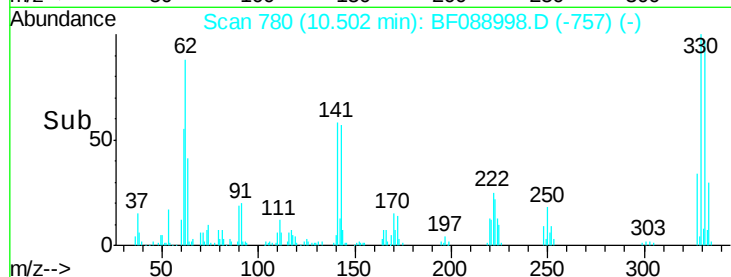
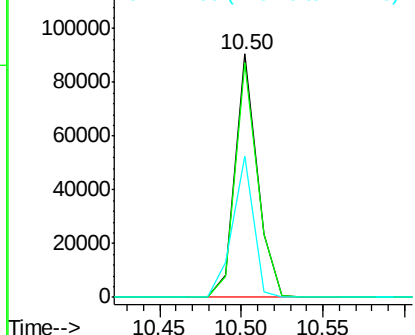
#41
 2,4,6-Tribromophenol
 Concen: 97.81 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF088998.D
 Acq: 14 Jul 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 U2-B2(6-12)C

Tot Ion:330 Resp: 84517
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 55.0 0.0 0.0#

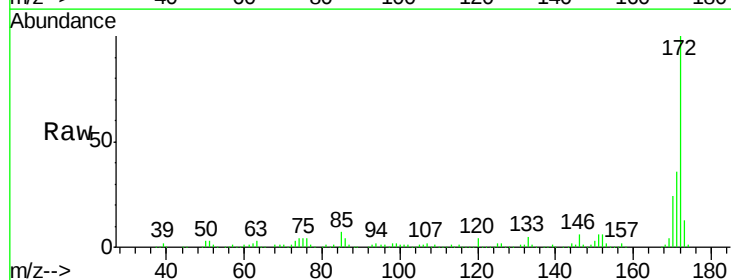


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

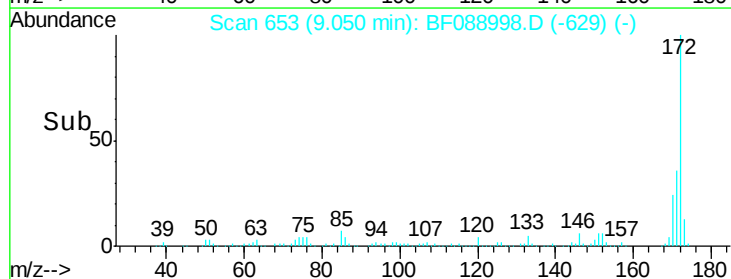
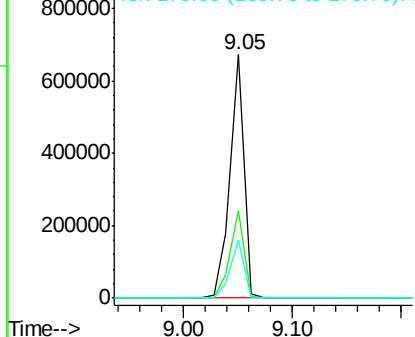


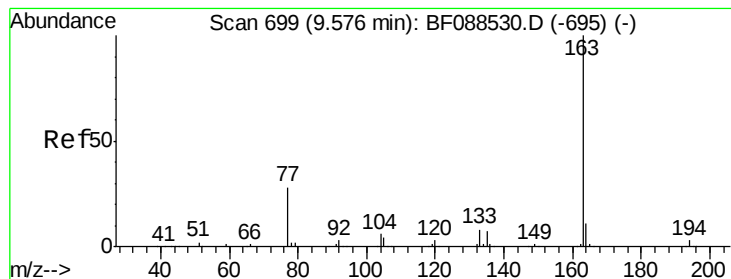
#44
 2-Fluorobiphenyl
 Concen: 101.61 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088998.D
 Acq: 14 Jul 2016 21:20

Tgt Ion:172 Resp: 598574
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.0 19.2 28.8



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





#49

Dimethylphthalate

Concen: 13.18 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF088998.D

Acq: 14 Jul 2016 21:20

Instrument :

BNA_F

ClientSampleId :

U2-B2(6-12)C

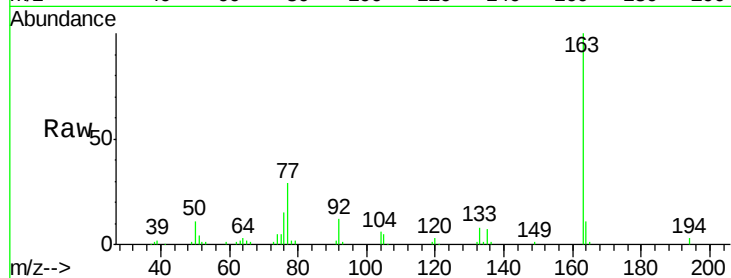
Tot Ion:163 Resp: 87374

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

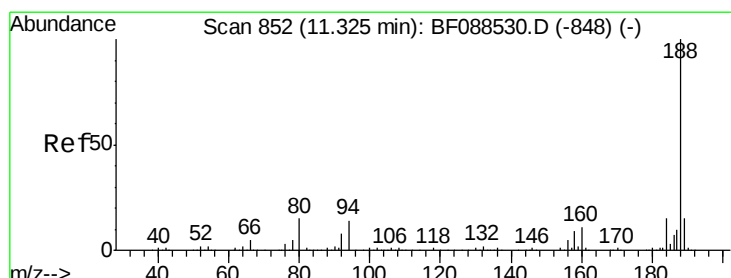
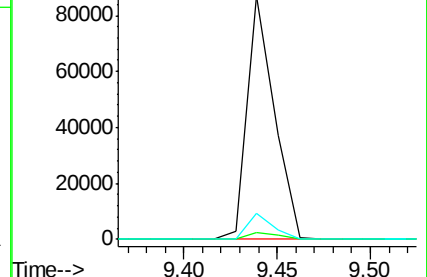
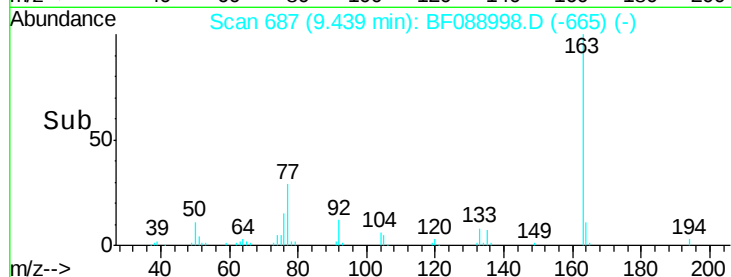
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.03 min

Lab File: BF088998.D

Acq: 14 Jul 2016 21:20

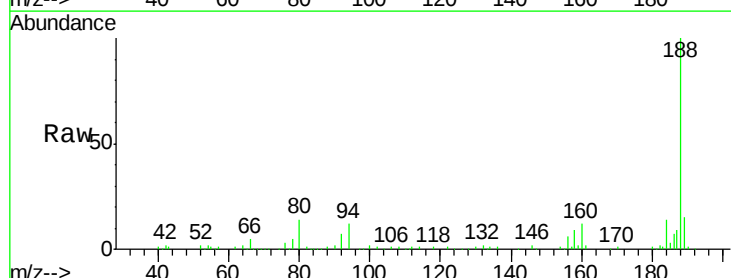
Tgt Ion:188 Resp: 152875

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.6

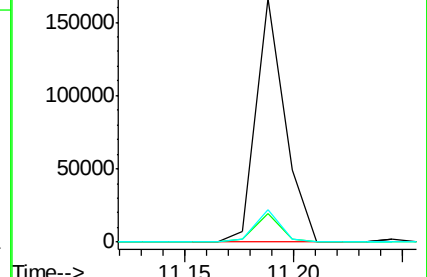
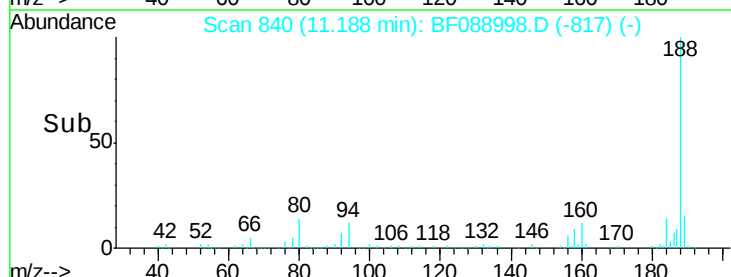
80 13.5 10.0 15.0

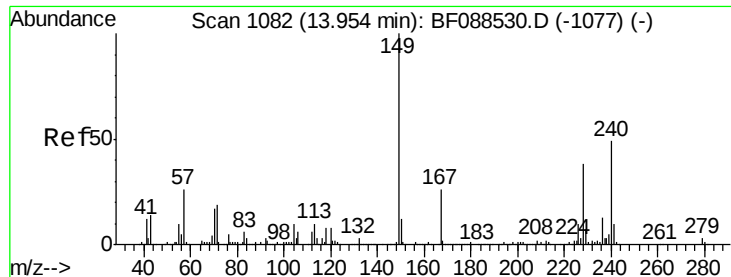


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.82 min Scan# 1070

Delta R.T. -0.03 min

Lab File: BF088998.D

Acq: 14 Jul 2016 21:20

Instrument :

BNA_F

ClientSampleId :

U2-B2(6-12)C

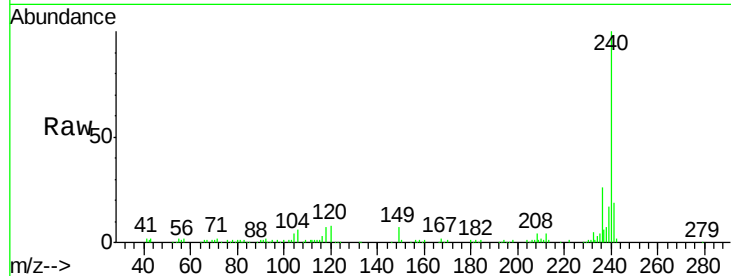
Tot Ion:240 Resp: 126545

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

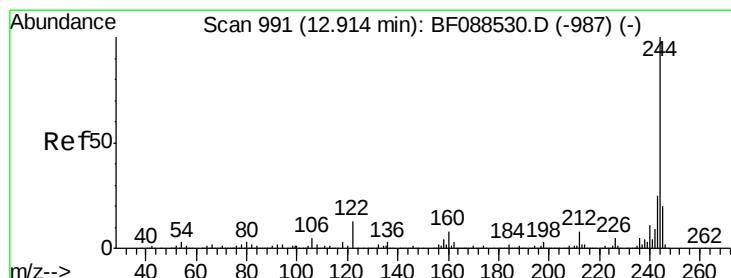
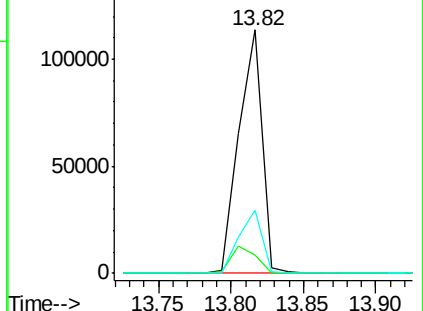
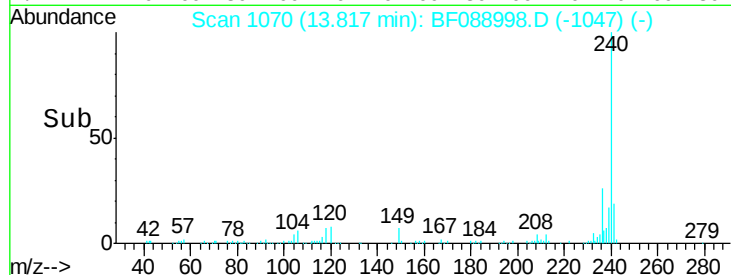
236 25.8 20.2 30.2



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: 66.96 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF088998.D

Acq: 14 Jul 2016 21:20

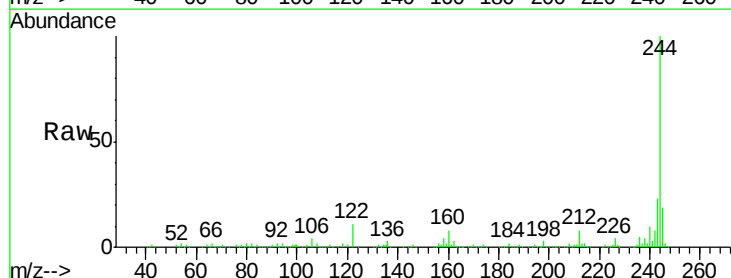
Tgt Ion:244 Resp: 380404

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

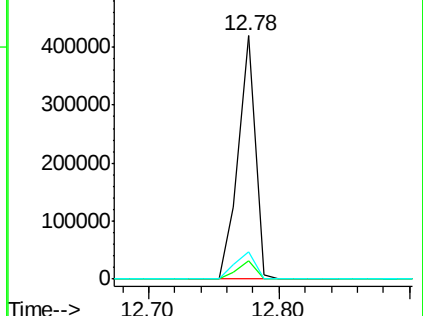
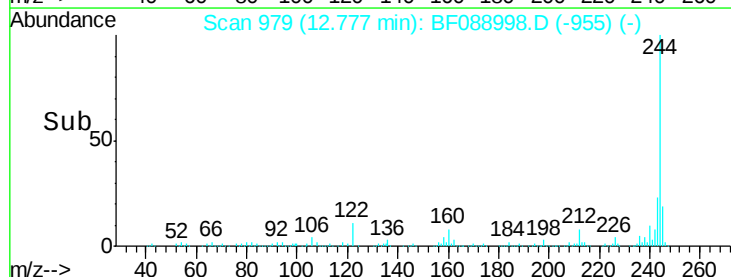
122 11.0 11.2 16.8#

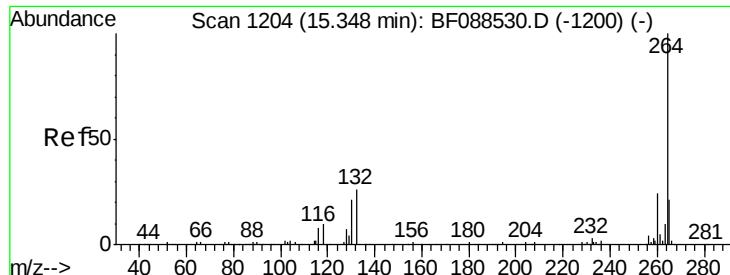


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

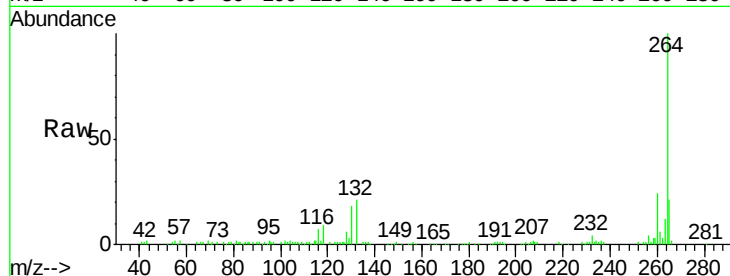




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF088998.D
Acq: 14 Jul 2016 21:20

Instrument :
BNA_F
ClientSampleId :
U2-B2(6-12)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	16.9	25.3



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

