

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088721.D
 Acq On : 6 Jul 2016 00:06
 Operator : UM/SJ
 Sample : H3881-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B1-6-12-C

Quant Time: Jul 06 02:19:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

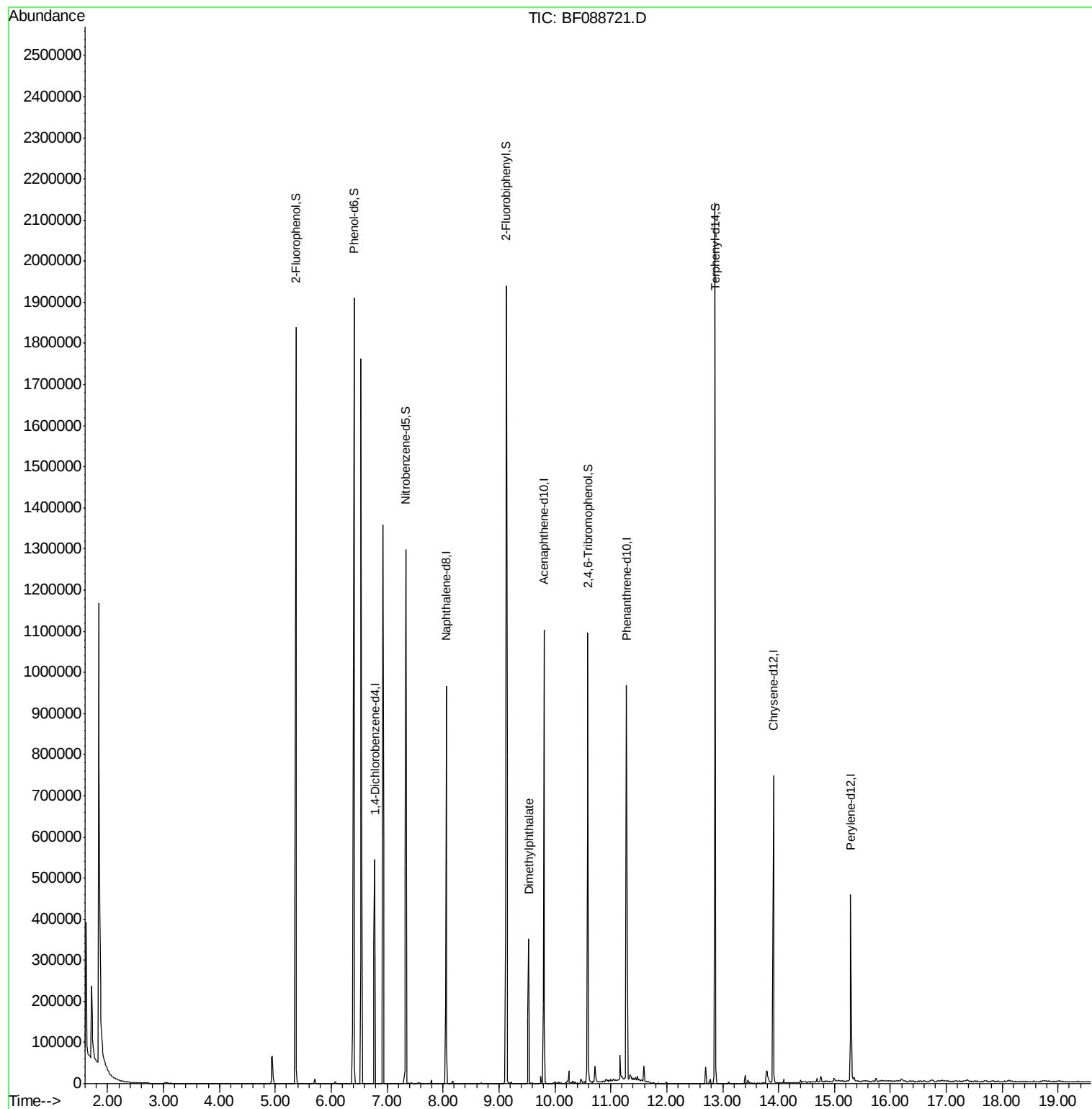
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	101784	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	420027	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	204819	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	369274	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	285751	20.00	ng	-0.01
86) Perylene-d12	15.29	264	189833	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	555001	81.72	ng	0.00
7) Phenol-d6	6.41	99	772401	88.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	463559	57.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	155452	81.73	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	727347	56.09	ng	-0.01
78) Terphenyl-d14	12.87	244	651287	50.77	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	168823	11.57	ng	98

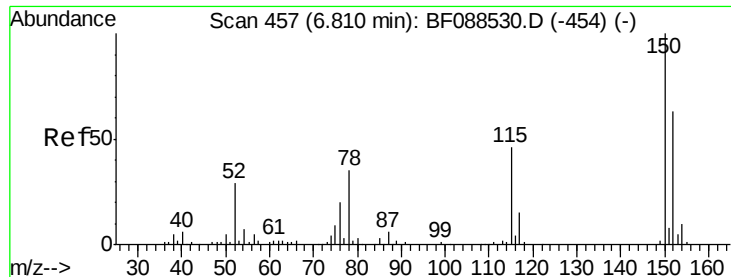
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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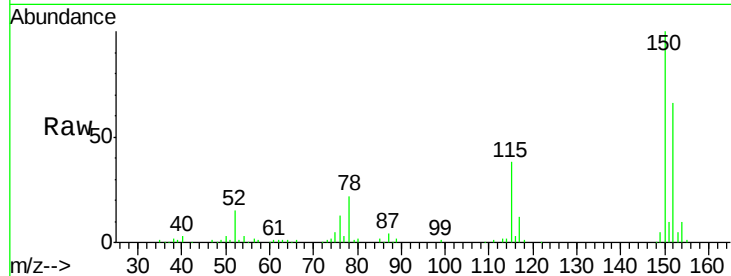


#1

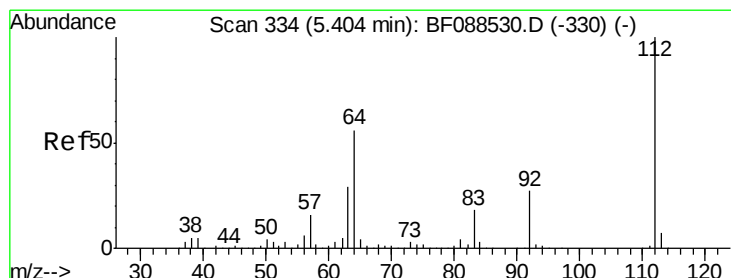
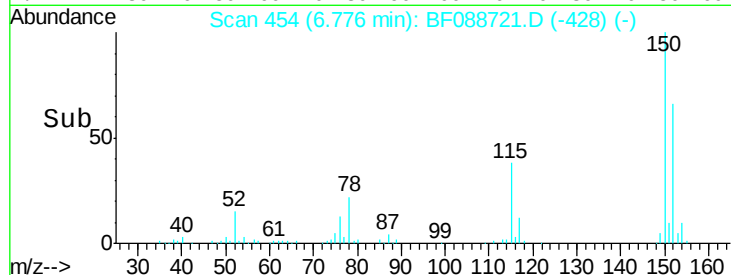
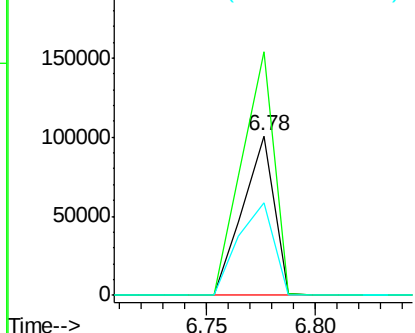
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088721.D
Acq: 6 Jul 2016 00:06

Instrument :
BNA_F
ClientSampleId :
Q6-B1-6-12-C

Tot Ion:152 Resp: 101784
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 57.7 39.6 59.4



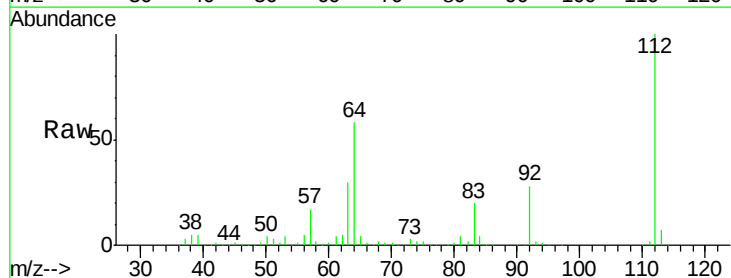
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



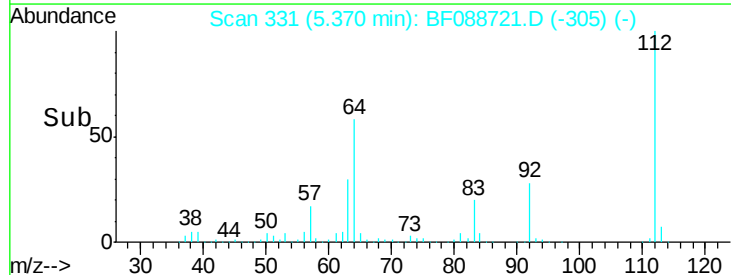
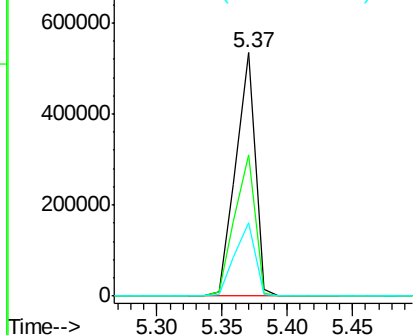
#5

2-Fluorophenol
Concen: 81.72 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF088721.D
Acq: 6 Jul 2016 00:06

Tgt Ion:112 Resp: 555001
Ion Ratio Lower Upper
112 100
64 58.0 42.2 63.2
63 30.0 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: 88.02 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

Instrument :

BNA_F

ClientSampleId :

Q6-B1-6-12-C

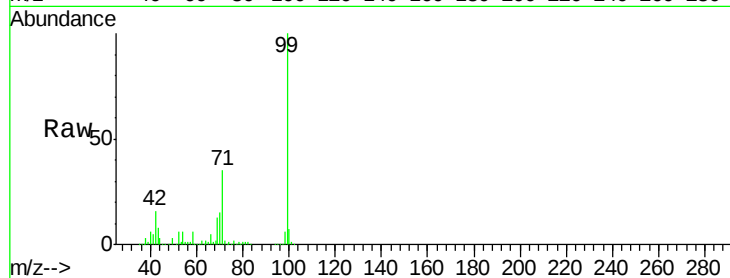
Tot Ion: 99 Resp: 772401

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

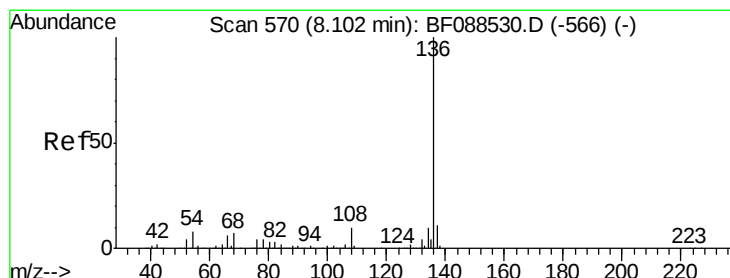
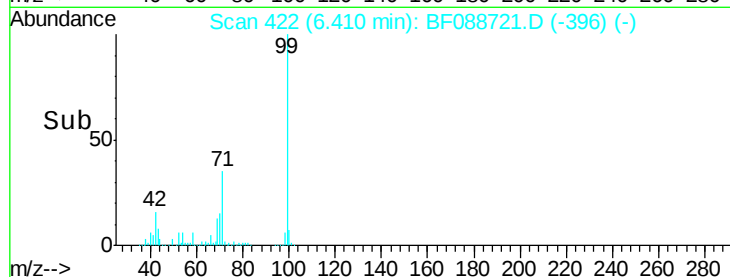
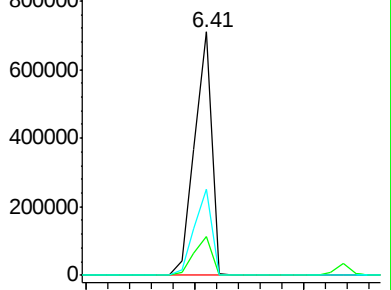
71 35.4 23.4 35.0#



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: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

Tgt Ion: 136 Resp: 420027

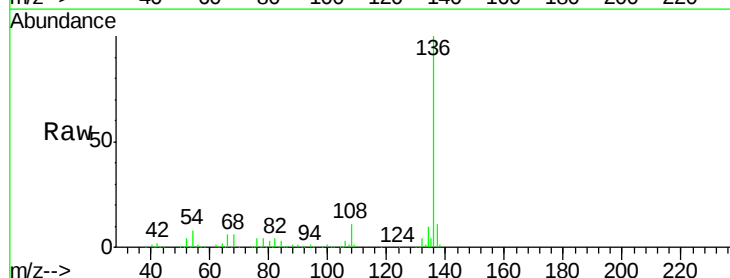
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.9 6.6 10.0

68 6.4 5.1 7.7

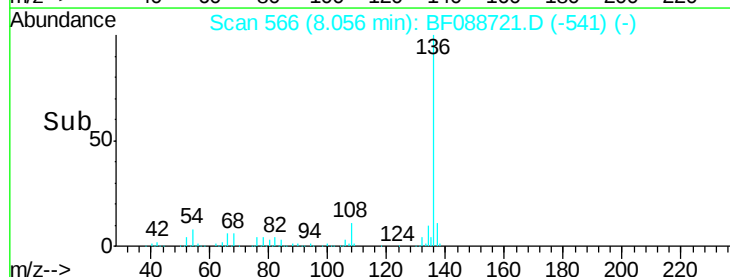
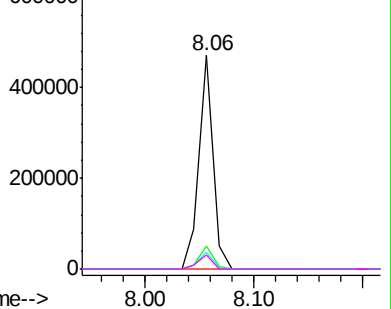


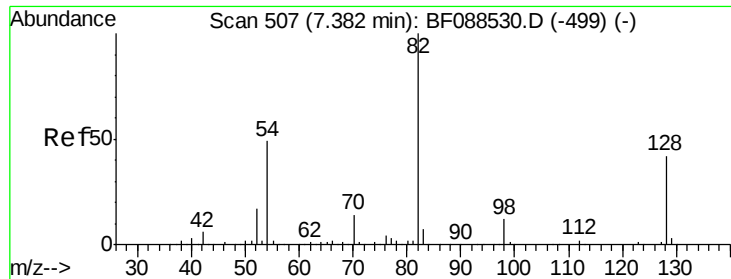
Abundance Ion 136.00 (135.70 to 136.70): E

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

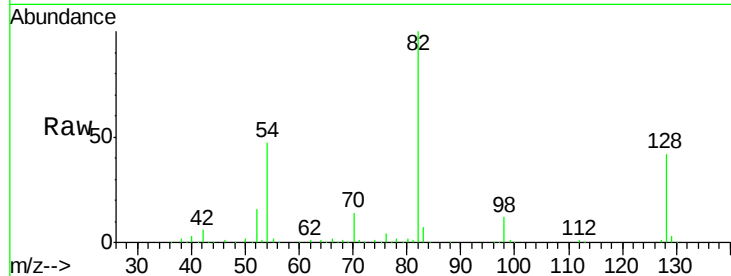




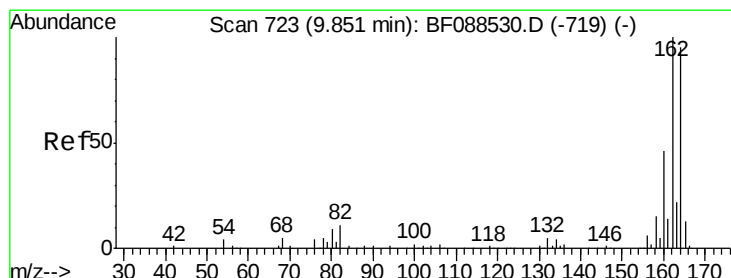
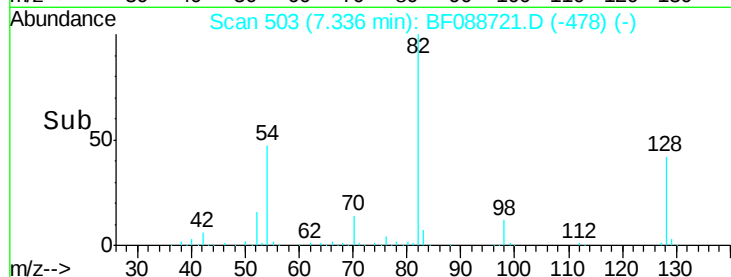
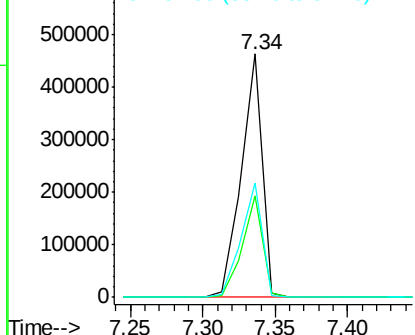
#23
 Nitrobenzene-d5
 Concen: 57.84 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B1-6-12-C

Tot Ion	82	Resp	463559
Ion Ratio	100	Lower	Upper
128	42.0	35.9	53.9
54	46.9	40.9	61.3

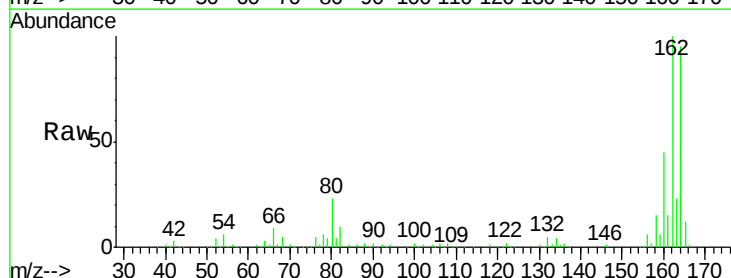


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

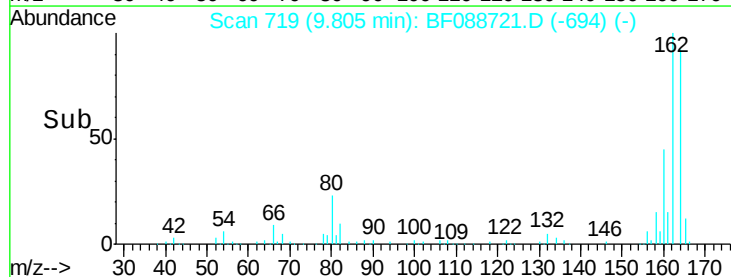
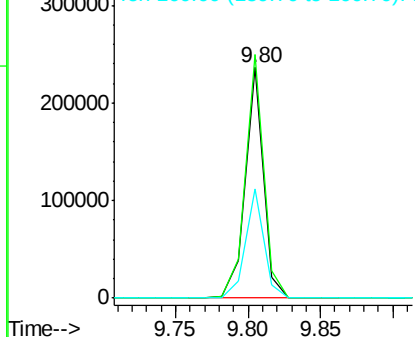


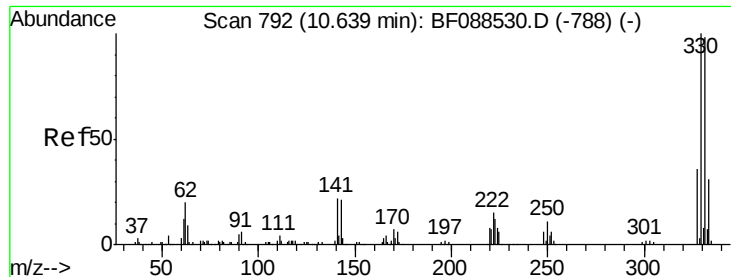
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Tgt Ion	164	Resp	204819
Ion Ratio	100	Lower	Upper
162	105.7	85.4	128.2
160	47.2	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

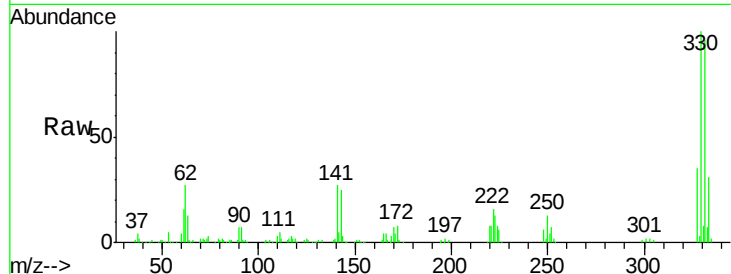




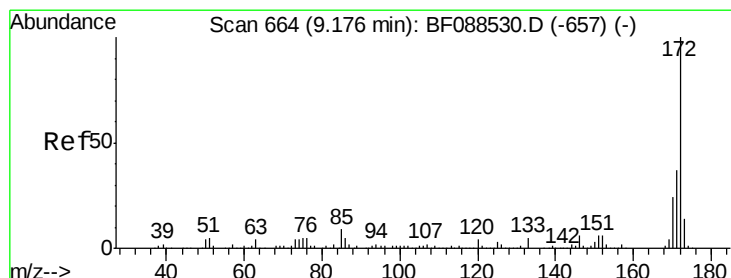
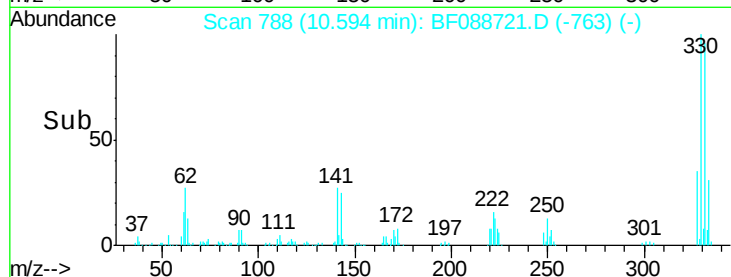
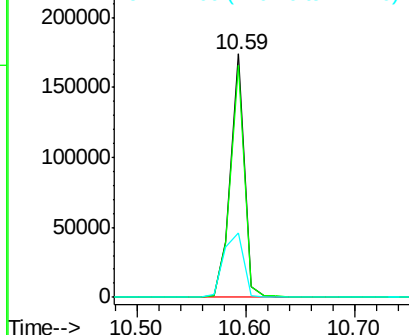
#41
 2,4,6-Tribromophenol
 Concen: 81.73 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B1-6-12-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	38.1	0.0	0.0#

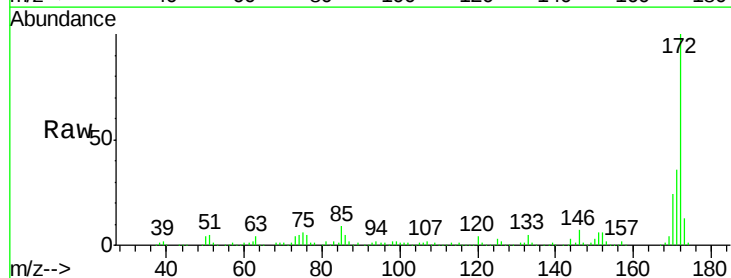


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

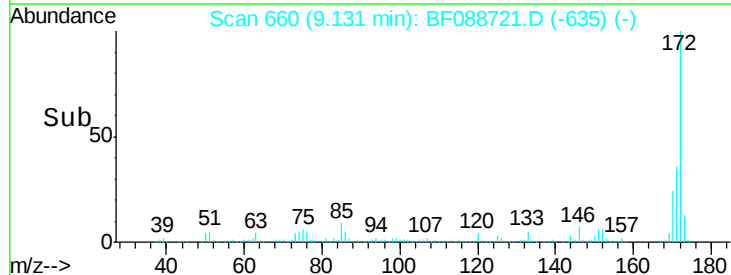
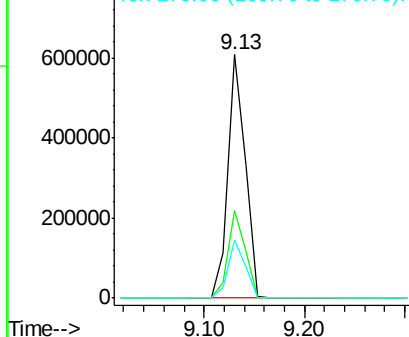


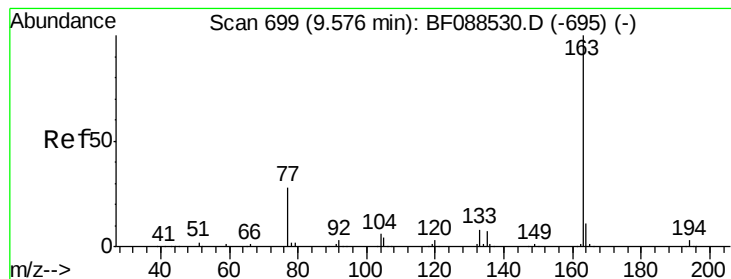
#44
 2-Fluorobiphenyl
 Concen: 56.09 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF088721.D
 Acq: 6 Jul 2016 00:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	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: 11.57 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

Instrument :

BNA_F

ClientSampleId :

Q6-B1-6-12-C

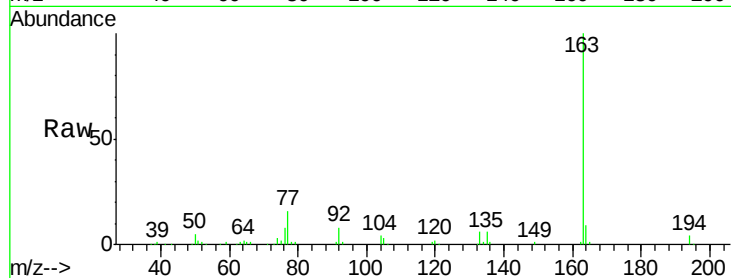
Tot Ion:163 Resp: 168823

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

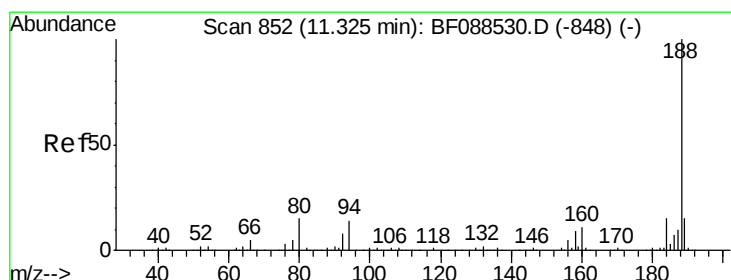
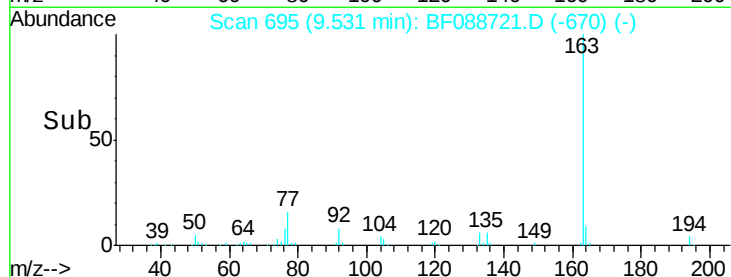
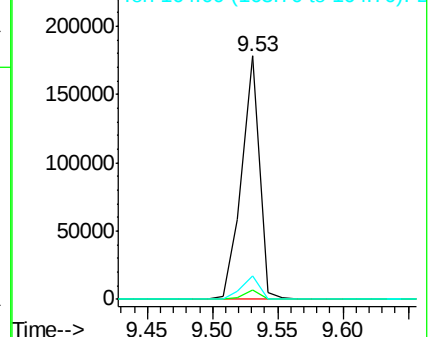
164 9.4 8.3 12.5



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: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

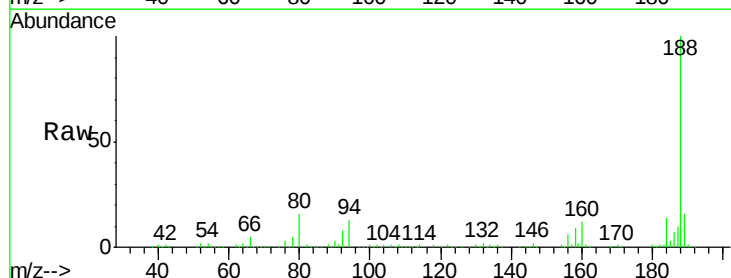
Tgt Ion:188 Resp: 369274

Ion Ratio Lower Upper

188 100

94 13.3 9.0 13.6

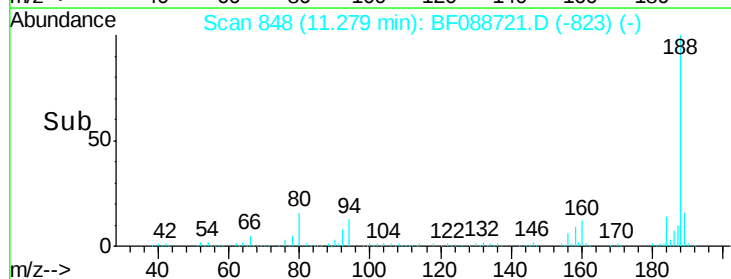
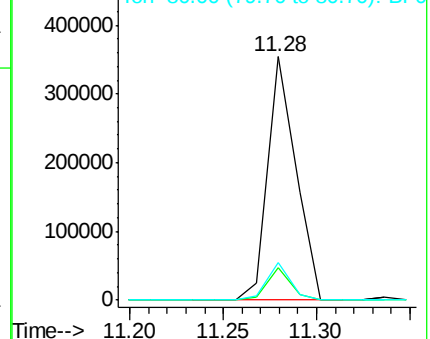
80 15.7 10.0 15.0#

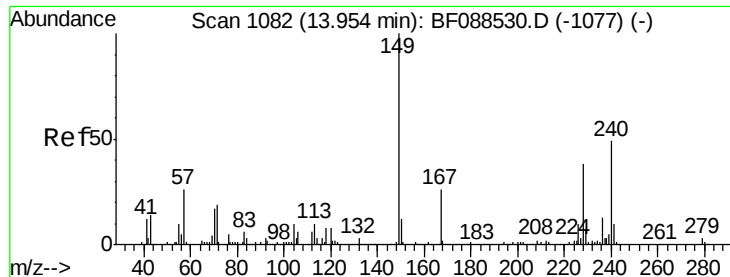


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

Instrument :

BNA_F

ClientSampleId :

Q6-B1-6-12-C

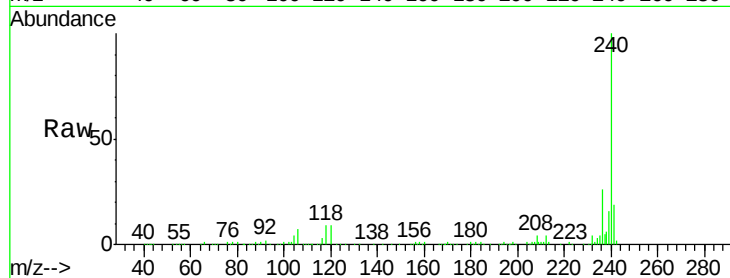
Tot Ion:240 Resp: 285751

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

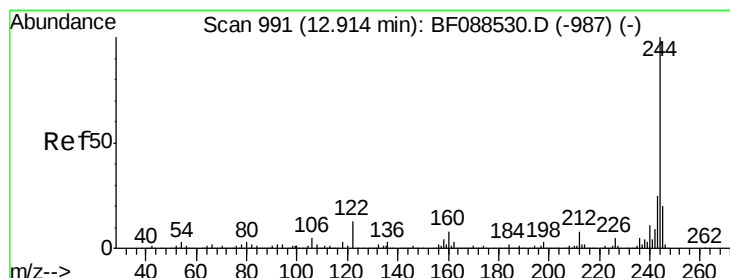
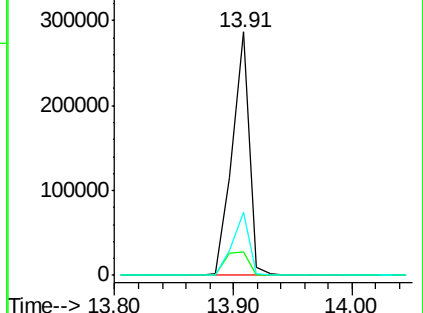
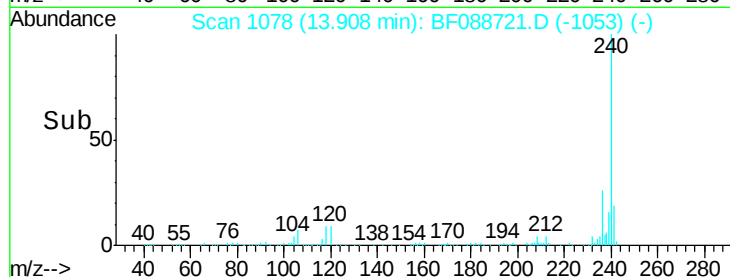
236 26.0 20.2 30.2



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: 50.77 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

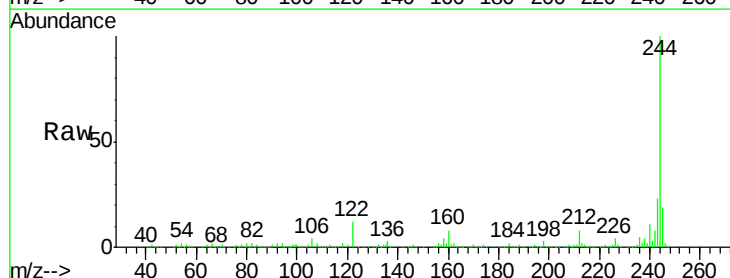
Tgt Ion:244 Resp: 651287

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

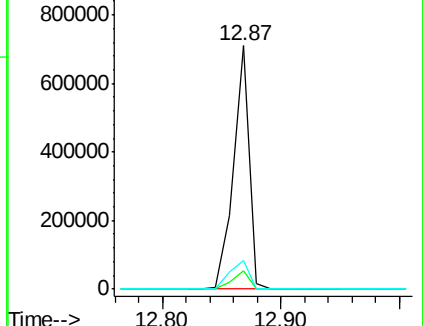
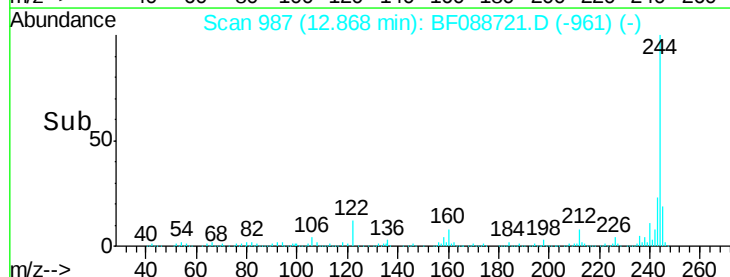
122 11.8 11.2 16.8

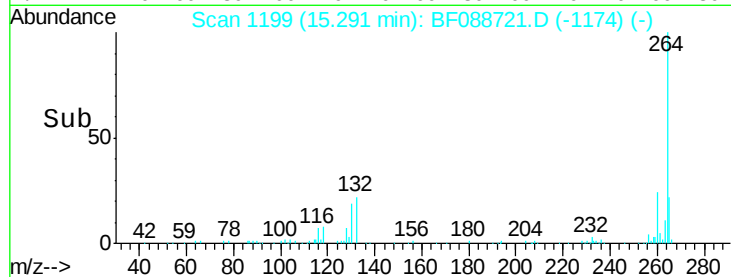
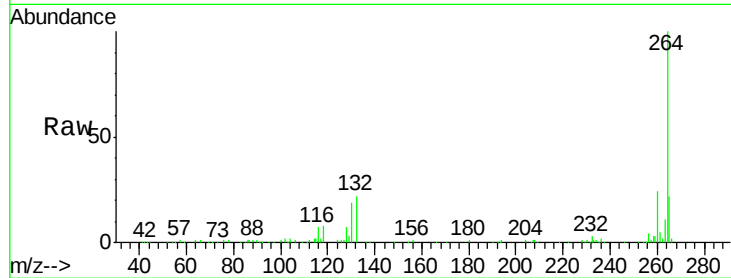
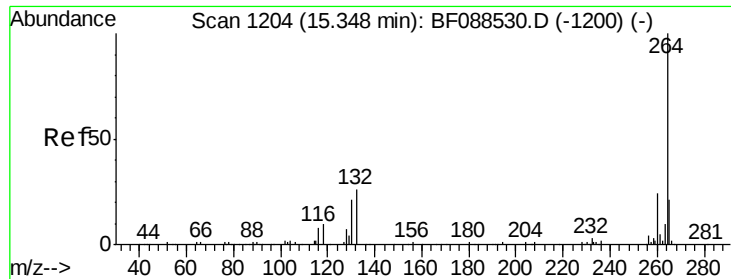


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF088721.D

Acq: 6 Jul 2016 00:06

Instrument :

BNA_F

ClientSampleId :

Q6-B1-6-12-C

Tot Ion:264 Resp: 189833

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 16.9 25.3

