

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088725.D
 Acq On : 6 Jul 2016 2:04
 Operator : UM/SJ
 Sample : H3881-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B3-0-12-C

Quant Time: Jul 06 02:34:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 01:47:10 2016
 Response via : Initial Calibration

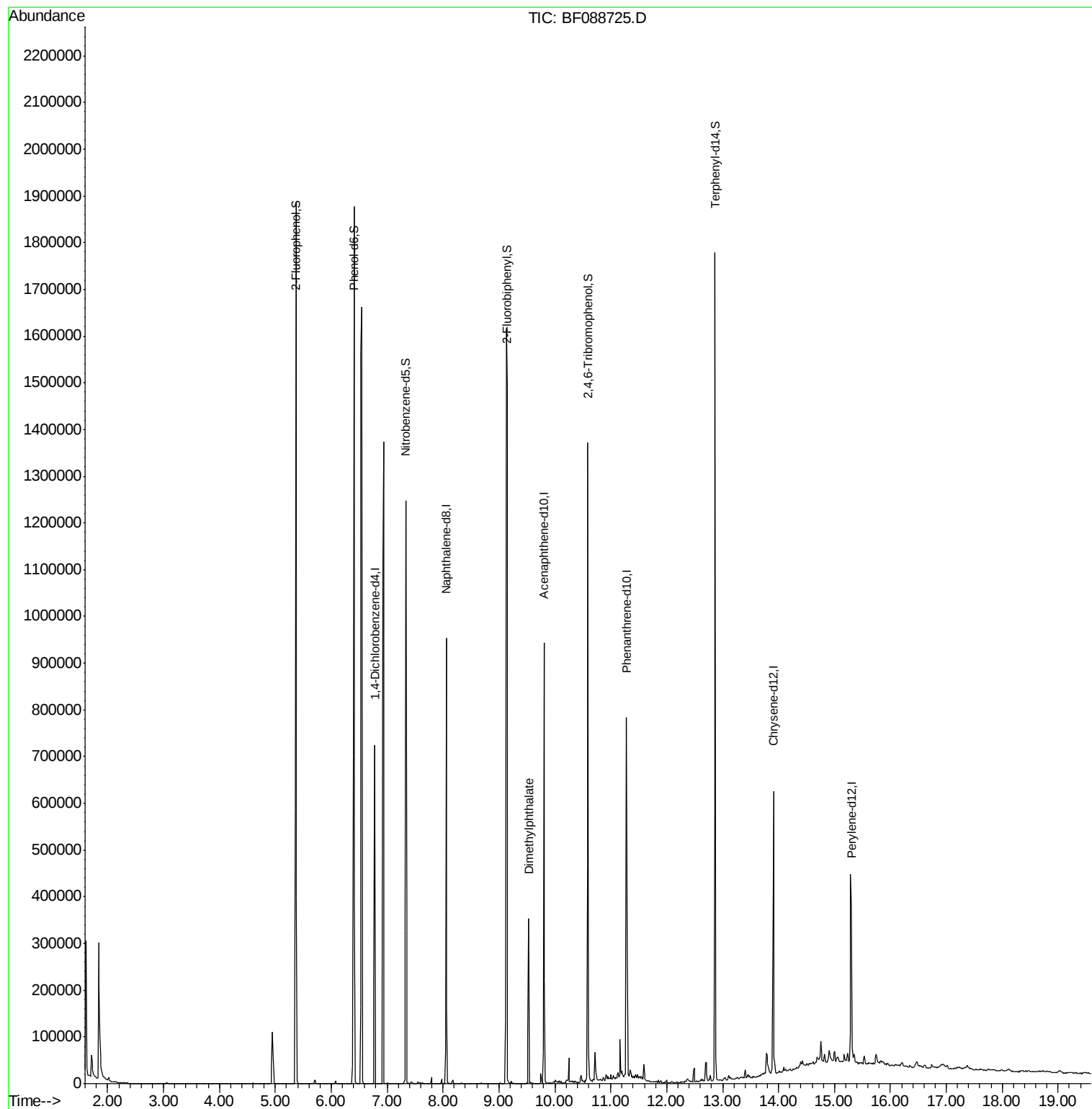
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	107041	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	397231	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	173537	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	283635	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	203777	20.00	ng	-0.01
86) Perylene-d12	15.30	264	199793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	577528	80.86	ng	0.00
7) Phenol-d6	6.41	99	743731	80.59	ng	0.00
23) Nitrobenzene-d5	7.34	82	476864	62.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	150422	93.34	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	767548	69.86	ng	0.00
78) Terphenyl-d14	12.87	244	527099	57.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	148740	12.03	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: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

Instrument :

BNA_F

ClientSampleId :

Q6-B3-0-12-C

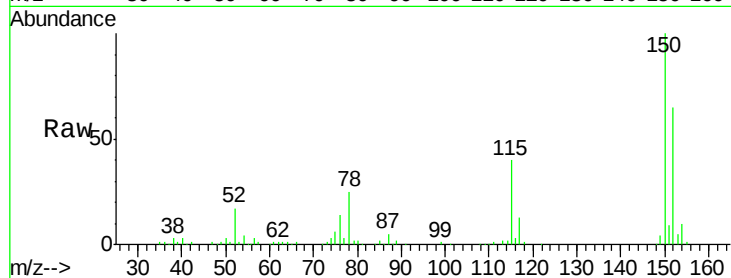
Tot Ion:152 Resp: 107041

Ion Ratio Lower Upper

152 100

150 153.5 123.8 185.6

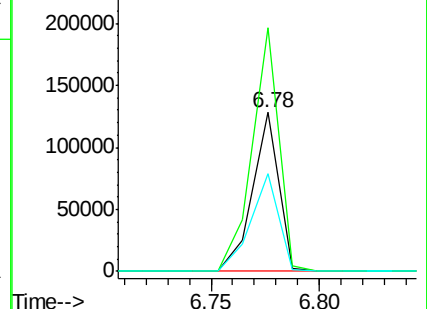
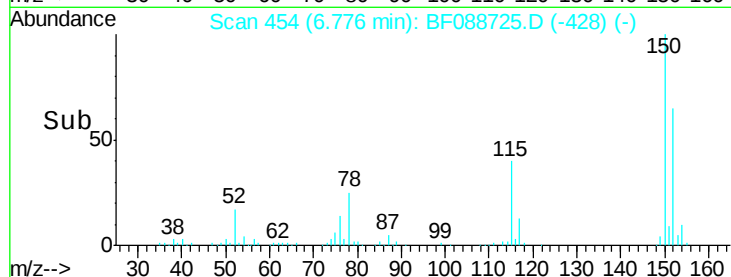
115 61.5 39.6 59.4#



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: 80.86 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

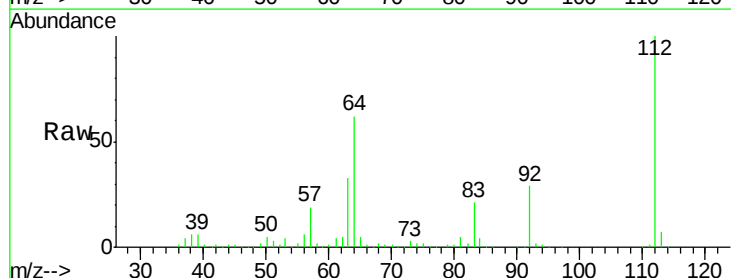
Tgt Ion:112 Resp: 577528

Ion Ratio Lower Upper

112 100

64 62.2 42.2 63.2

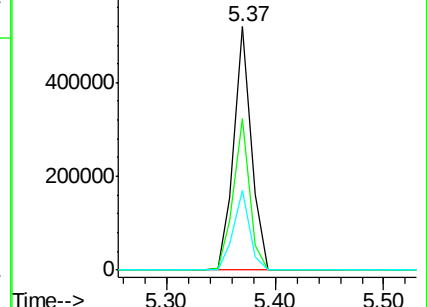
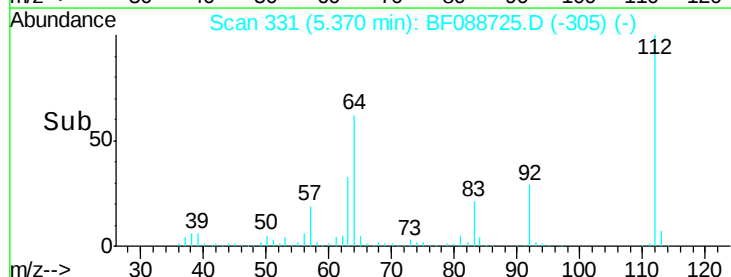
63 33.0 21.8 32.8#



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: 80.59 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

Instrument :

BNA_F

ClientSampleId :

Q6-B3-0-12-C

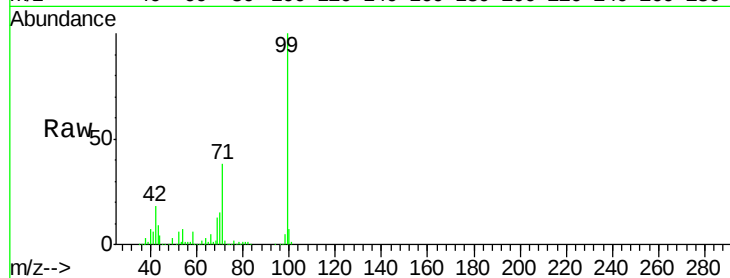
Tot Ion: 99 Resp: 743731

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

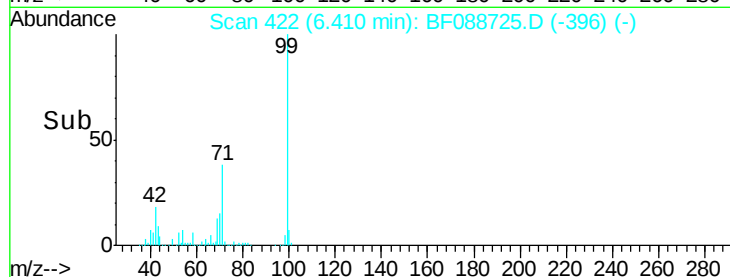
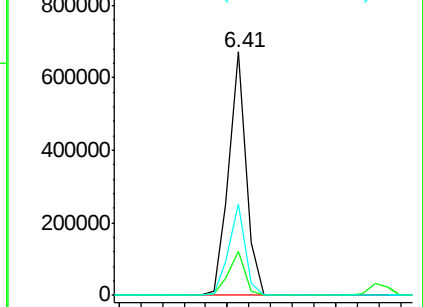
71 37.6 23.4 35.0#



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: BF088725.D

Acq: 6 Jul 2016 2:04

Tgt Ion: 136 Resp: 397231

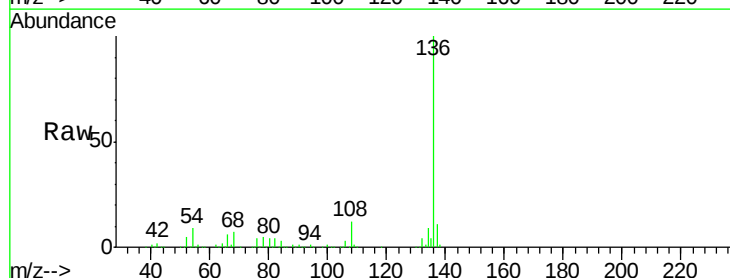
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 6.6 10.0

68 7.1 5.1 7.7

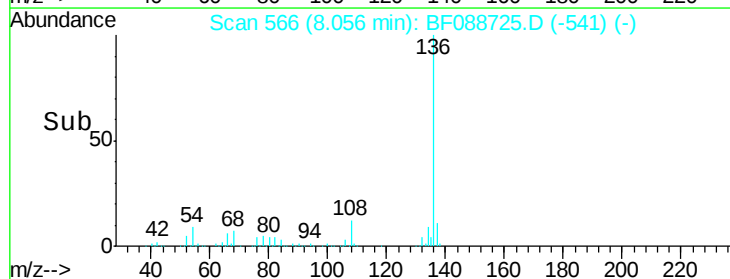
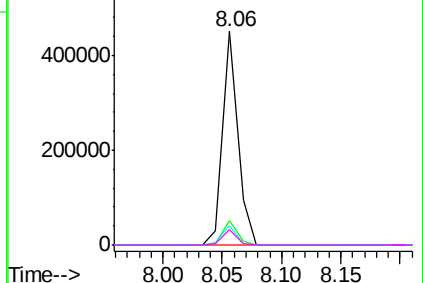


Abundance Ion 136.00 (135.70 to 136.70): E

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

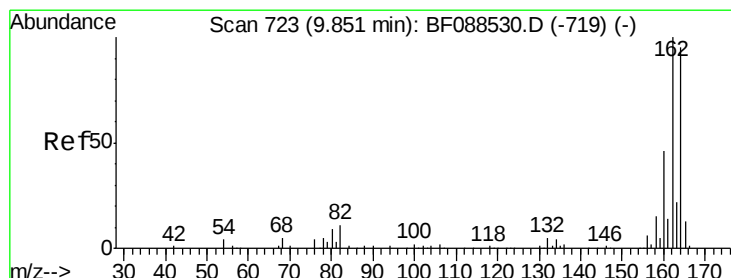
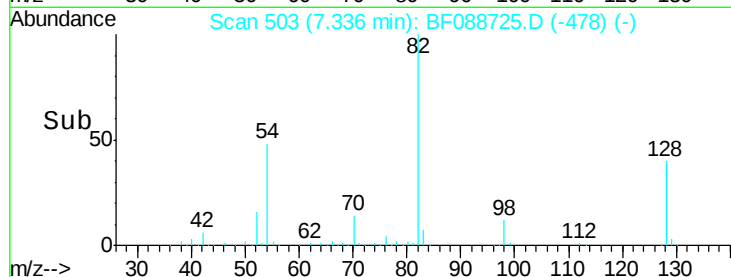
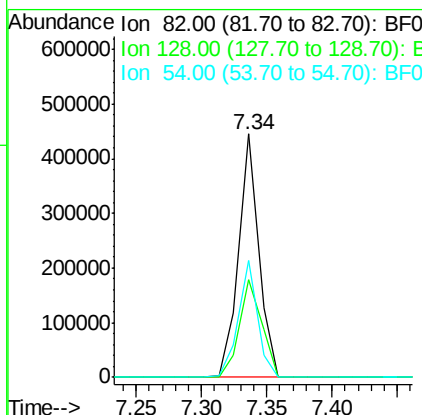
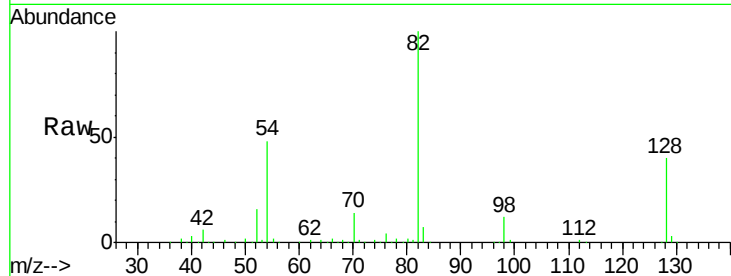




#23
 Nitrobenzene-d5
 Concen: 62.91 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088725.D
 Acq: 6 Jul 2016 2:04

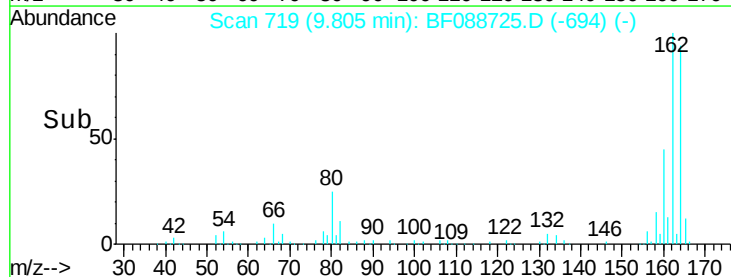
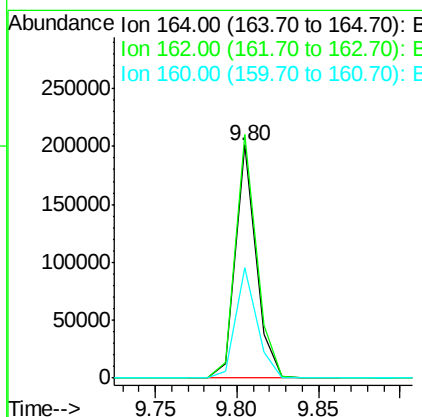
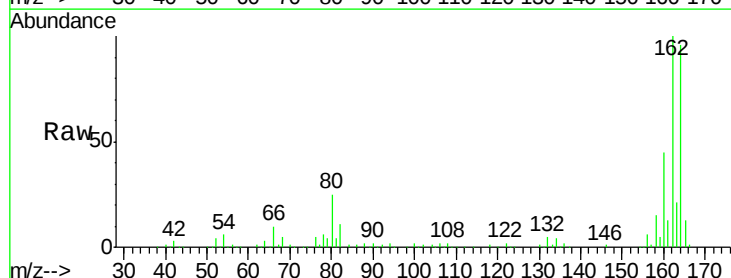
Instrument :
 BNA_F
 ClientSampleId :
 Q6-B3-0-12-C

Tot Ion	82	Resp	476864
Ion Ratio	Lower	Upper	
82	100		
128	39.9	35.9	53.9
54	48.2	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088725.D
 Acq: 6 Jul 2016 2:04

Tgt Ion	164	Resp	173537
Ion Ratio	Lower	Upper	
164	100		
162	104.5	85.4	128.2
160	47.2	39.5	59.3

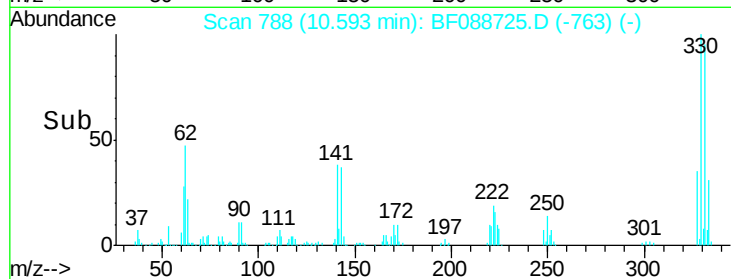
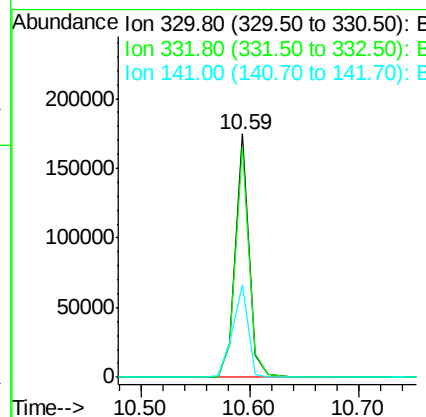
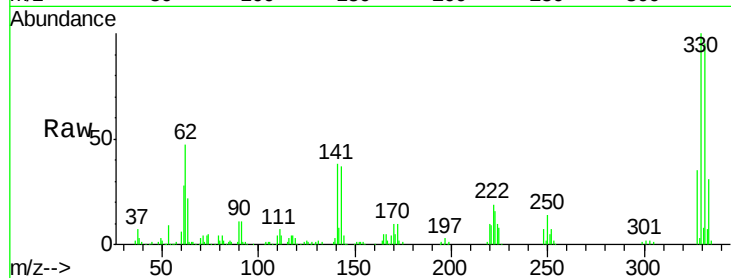




#41
 2,4,6-Tribromophenol
 Concen: 93.34 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088725.D
 Acq: 6 Jul 2016 2:04

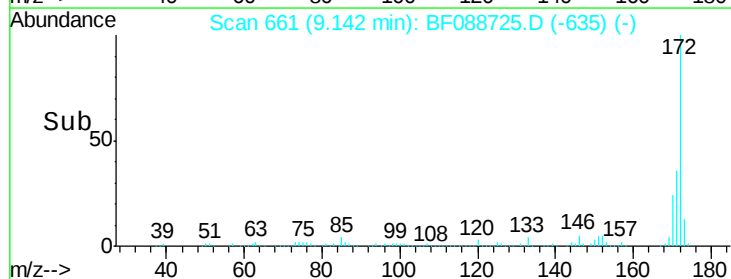
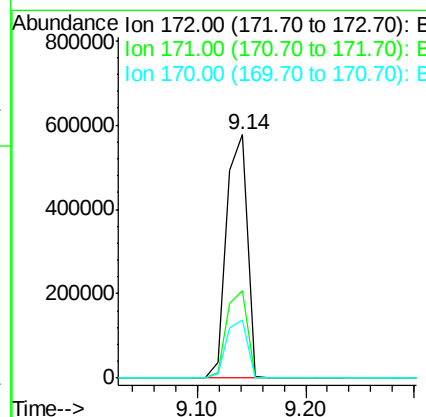
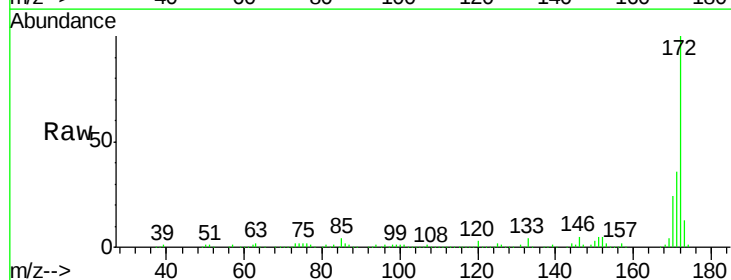
Instrument :
 BNA_F
 ClientSampleId :
 Q6-B3-0-12-C

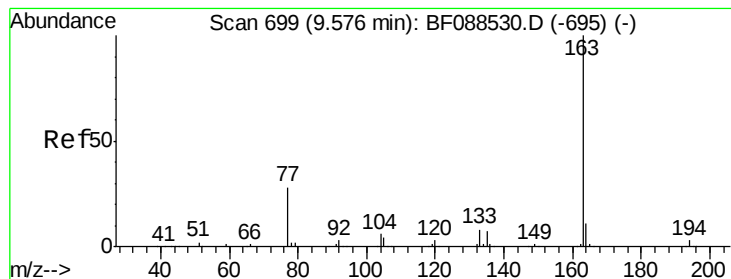
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	43.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 69.86 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088725.D
 Acq: 6 Jul 2016 2:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.7	19.2	28.8





#49

Dimethylphthalate

Concen: 12.03 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

Instrument :

BNA_F

ClientSampleId :

Q6-B3-0-12-C

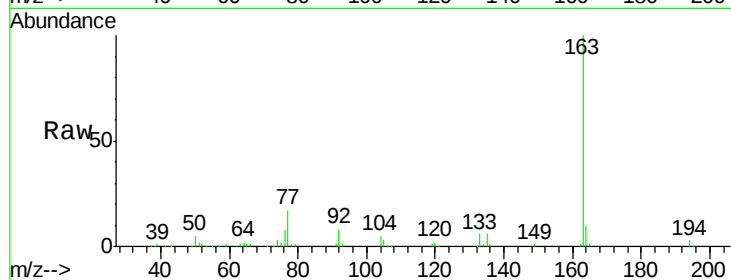
Tot Ion:163 Resp: 148740

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

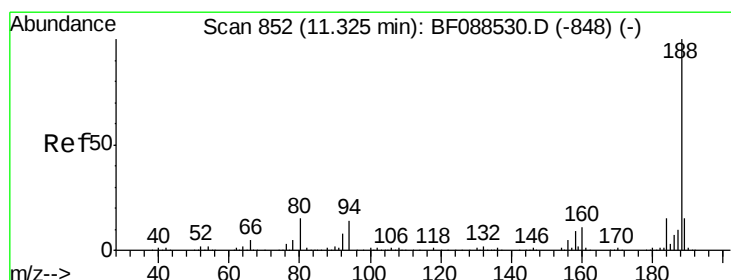
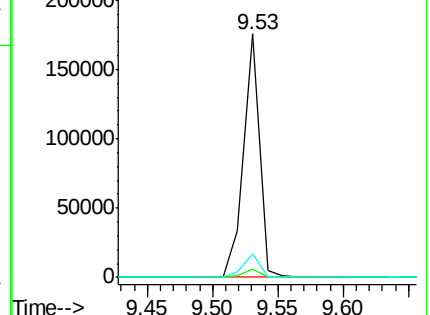
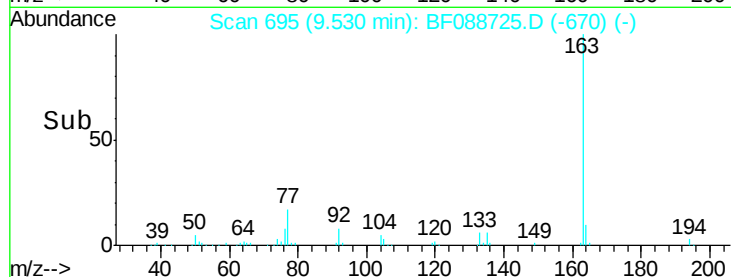
164 9.7 8.3 12.5



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: BF088725.D

Acq: 6 Jul 2016 2:04

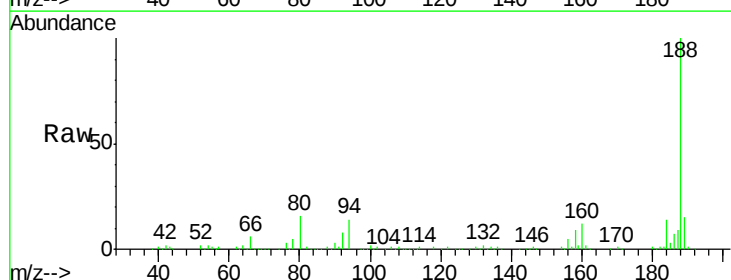
Tgt Ion:188 Resp: 283635

Ion Ratio Lower Upper

188 100

94 14.0 9.0 13.6#

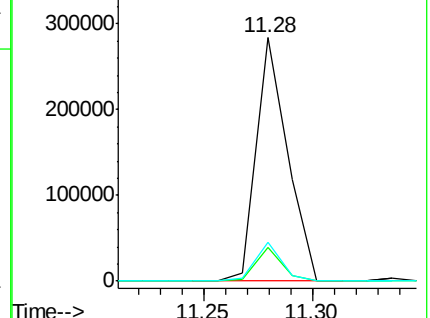
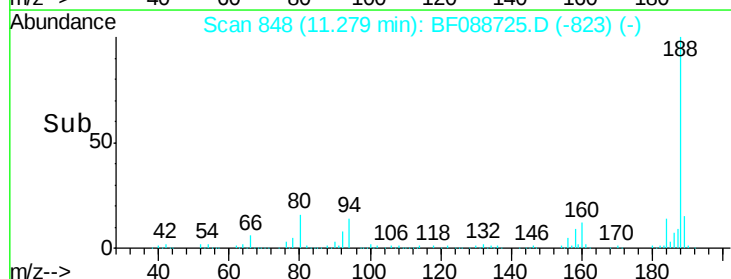
80 15.7 10.0 15.0#

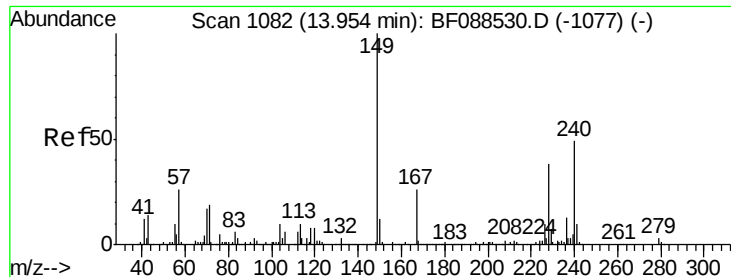


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF088725.D

Acq: 6 Jul 2016 2:04

Instrument :

BNA_F

ClientSampleId :

Q6-B3-0-12-C

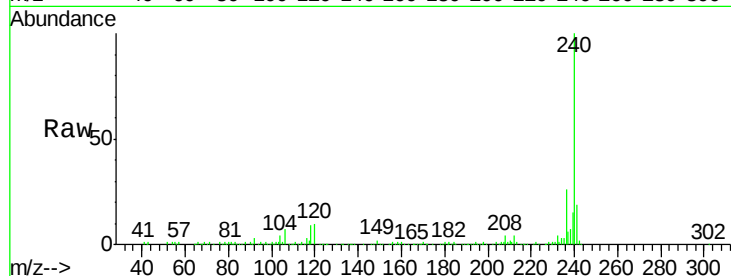
Tot Ion:240 Resp: 203777

Ion Ratio Lower Upper

240 100

120 10.0 6.8 10.2

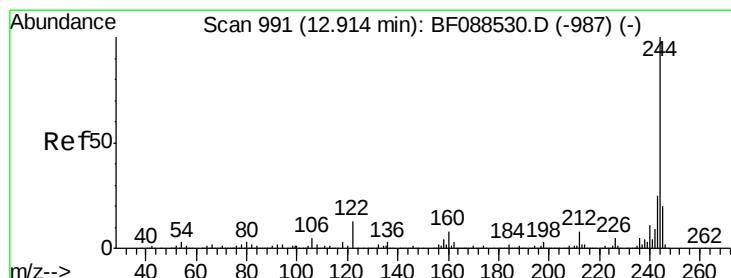
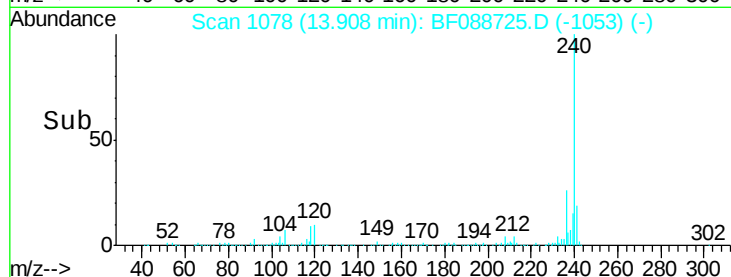
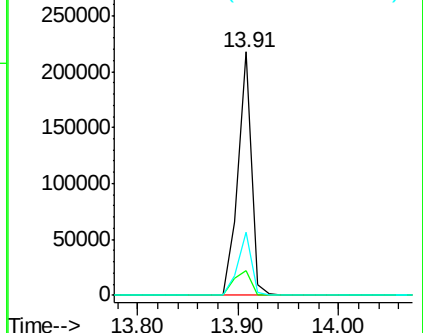
236 25.7 20.2 30.2



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: 57.61 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

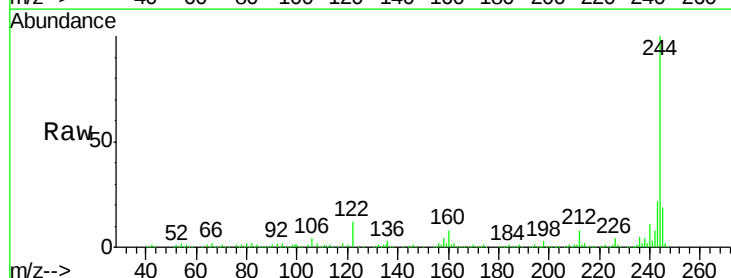
Tgt Ion:244 Resp: 527099

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

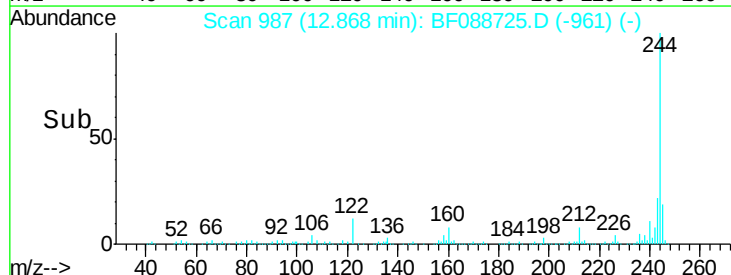
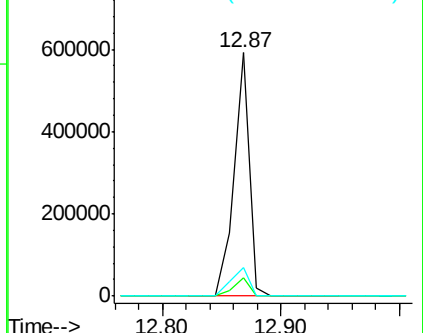
122 11.6 11.2 16.8

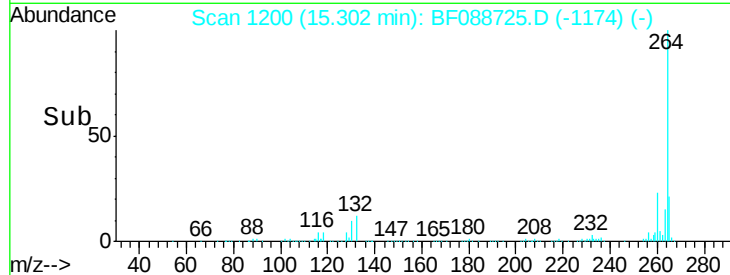
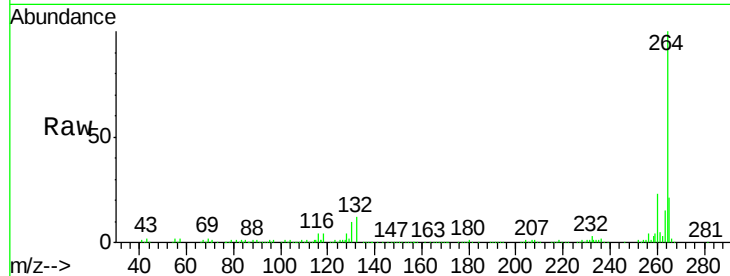
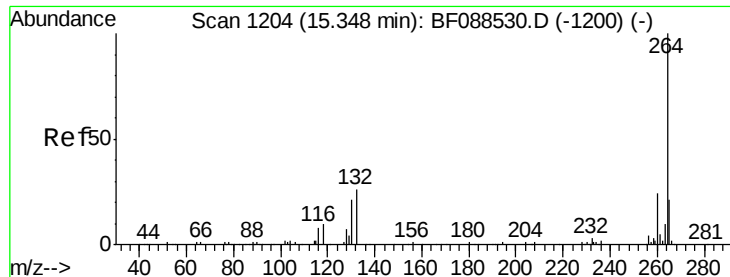


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF088725.D
 Acq: 6 Jul 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B3-0-12-C

Tot Ion:264	Resp:	199793
Ion Ratio	Lower	Upper
264	100	
260	22.6	19.2 28.8
265	20.8	16.9 25.3

