

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088970.D
 Acq On : 13 Jul 2016 21:08
 Operator : UM/SJ
 Sample : H3988-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-6

Quant Time: Jul 14 01:46:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:23:58 2016
 Response via : Initial Calibration

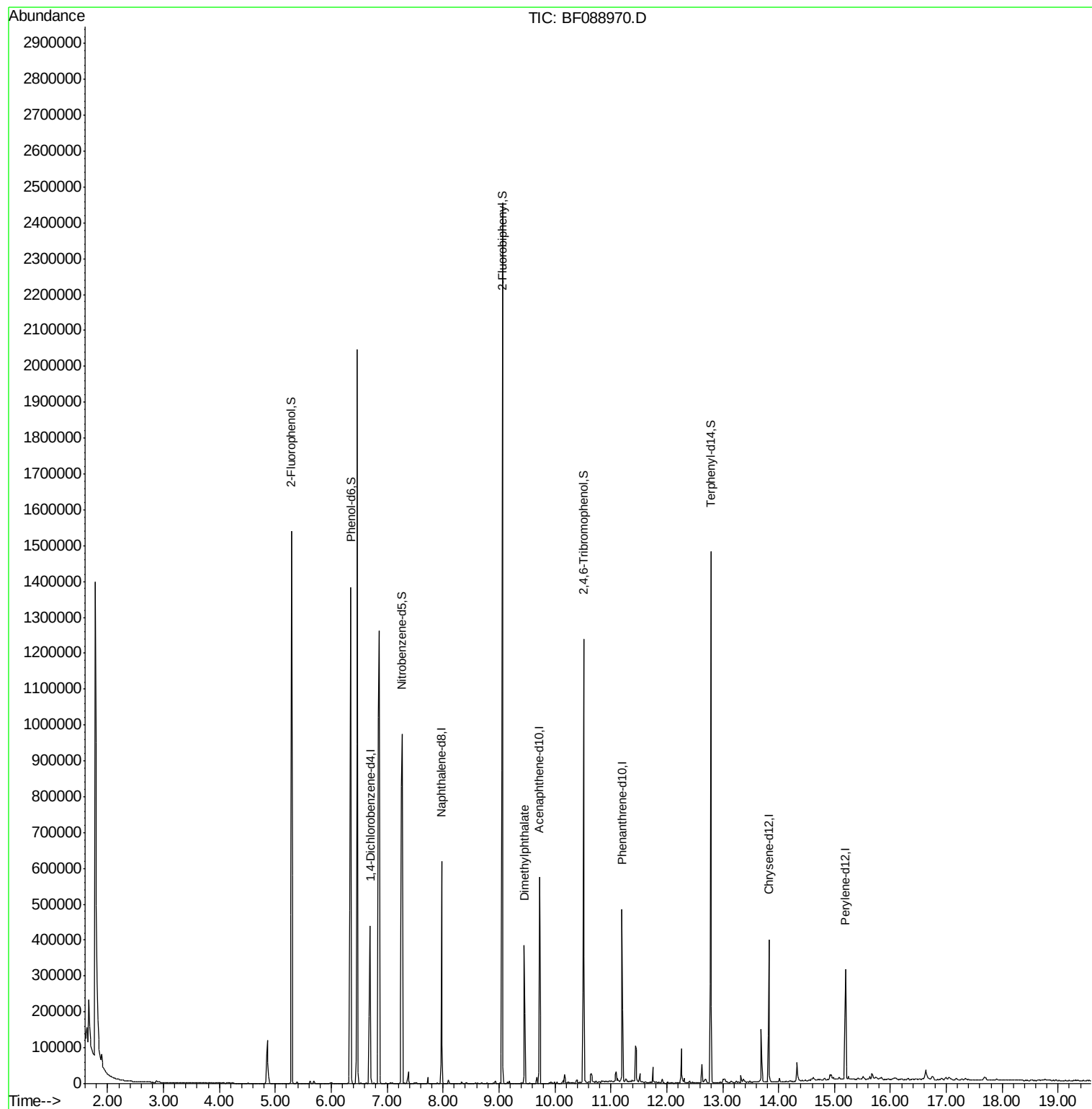
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	70400	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	263065	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	112330	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	188573	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	130305	20.00	ng	-0.01
86) Perylene-d12	15.20	264	132782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	526696	112.13	ng	0.00
7) Phenol-d6	6.35	99	799117	131.66	ng	0.00
23) Nitrobenzene-d5	7.27	82	491977	98.01	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	153449	147.11	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	757182	106.47	ng	0.00
78) Terphenyl-d14	12.79	244	422874	72.28	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	185095	23.13	ng	99

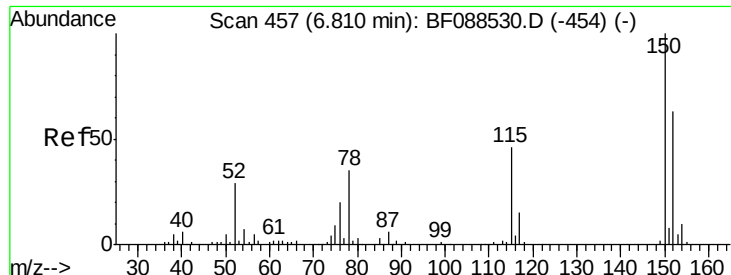
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 14 01:23:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF088970.D

Acq: 13 Jul 2016 21:08

Instrument :

BNA_F

ClientSampleId :

C4.2-6

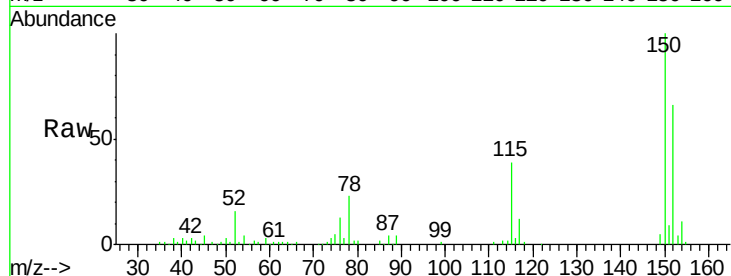
Tot Ion:152 Resp: 70400

Ion Ratio Lower Upper

152 100

150 151.0 123.8 185.6

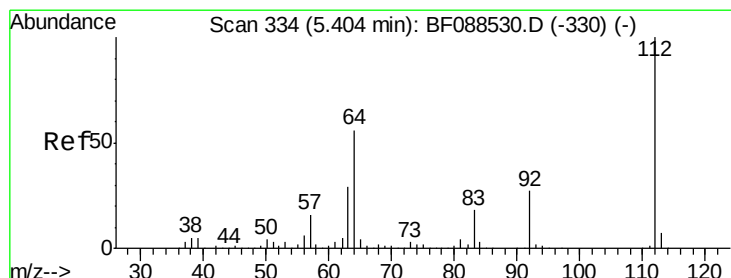
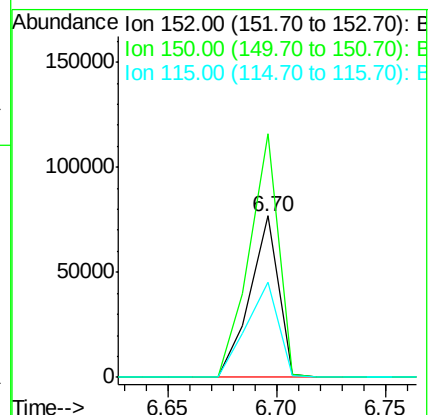
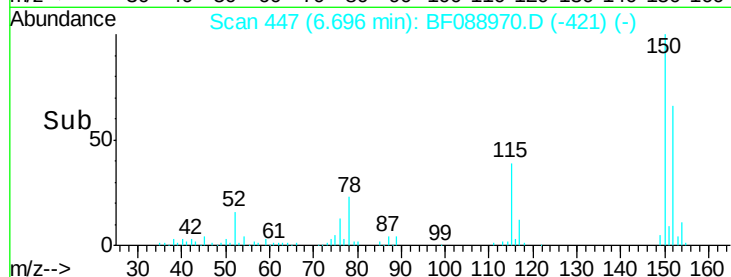
115 58.7 39.6 59.4



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: 112.13 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF088970.D

Acq: 13 Jul 2016 21:08

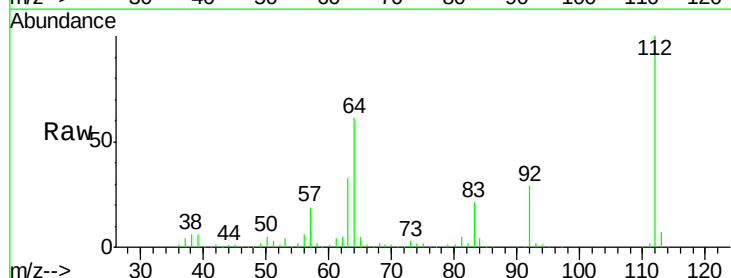
Tgt Ion:112 Resp: 526696

Ion Ratio Lower Upper

112 100

64 60.5 42.2 63.2

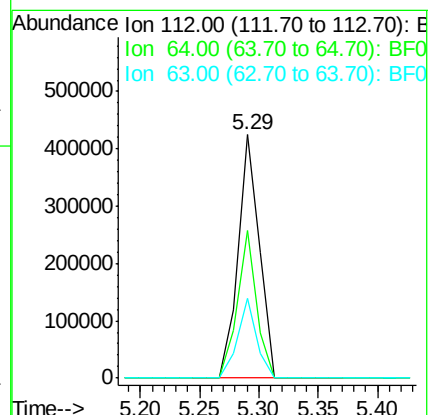
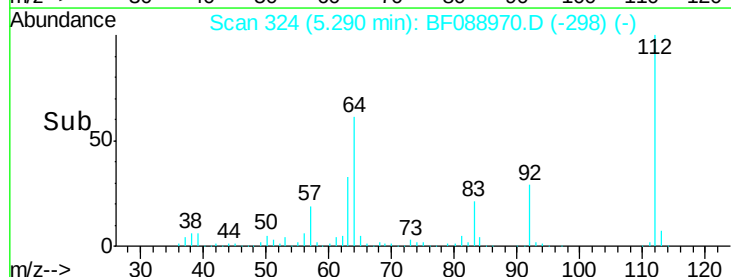
63 32.8 21.8 32.8#

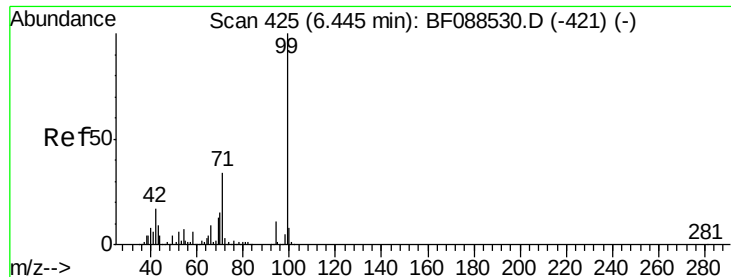


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.66 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088970.D

Acq: 13 Jul 2016 21:08

Instrument :

BNA_F

ClientSampleId :

C4.2-6

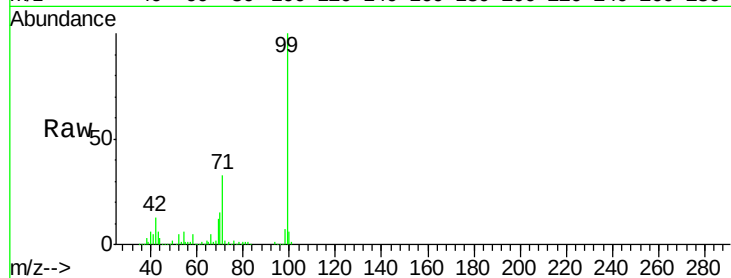
Tot Ion: 99 Resp: 799117

Ion Ratio Lower Upper

99 100

42 13.5 12.2 18.2

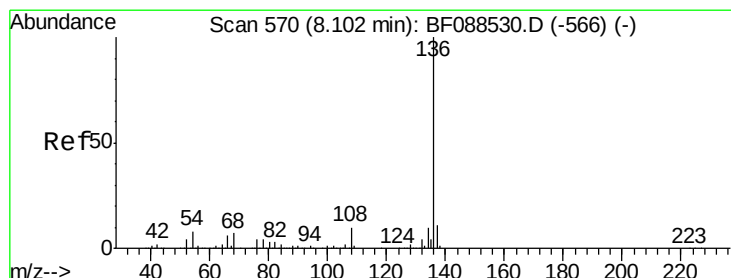
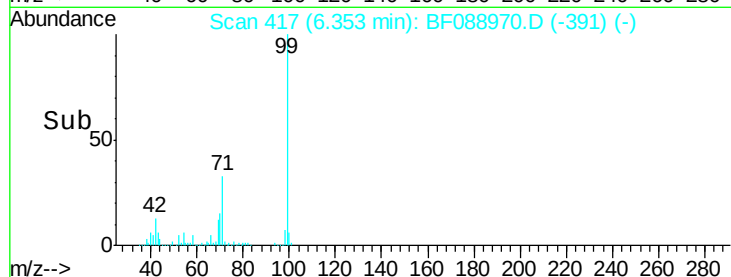
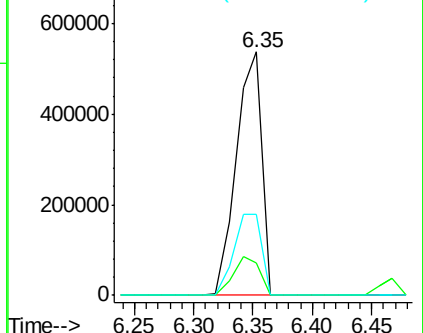
71 33.4 23.4 35.0



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: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088970.D

Acq: 13 Jul 2016 21:08

Tgt Ion: 136 Resp: 263065

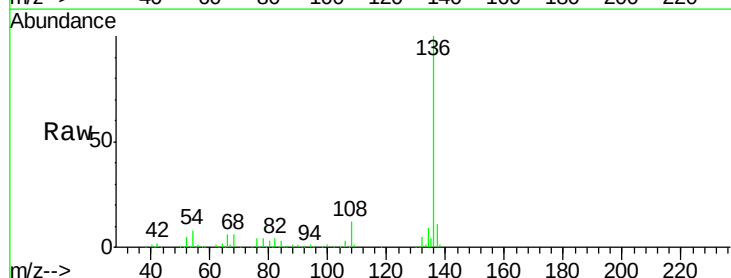
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.1 6.6 10.0

68 6.2 5.1 7.7

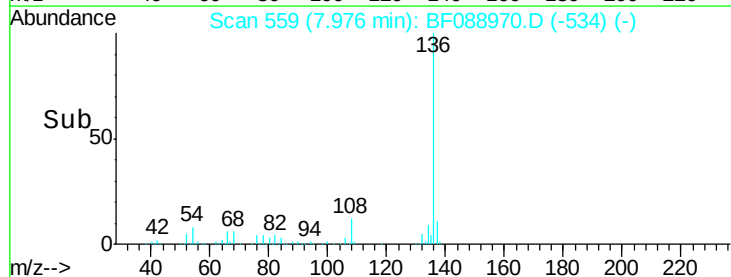
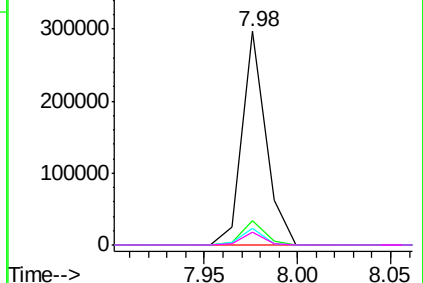


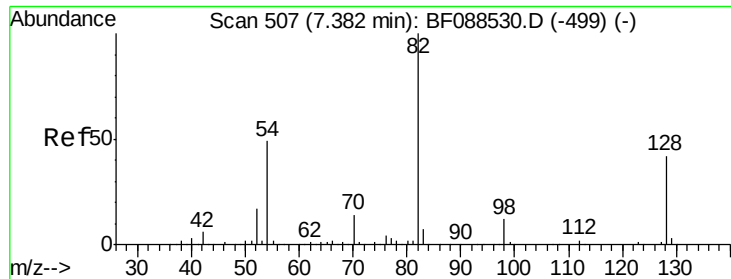
Abundance Ion 136.00 (135.70 to 136.70): E

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

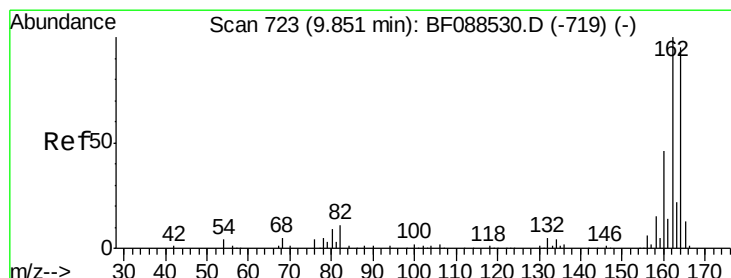
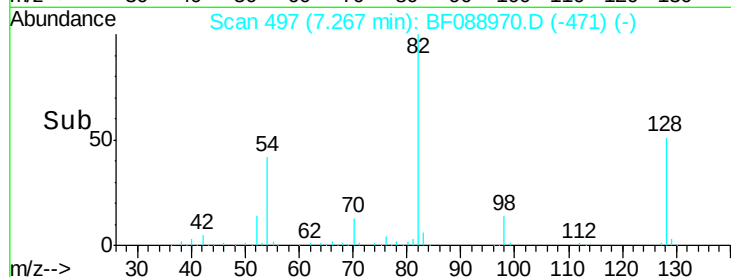
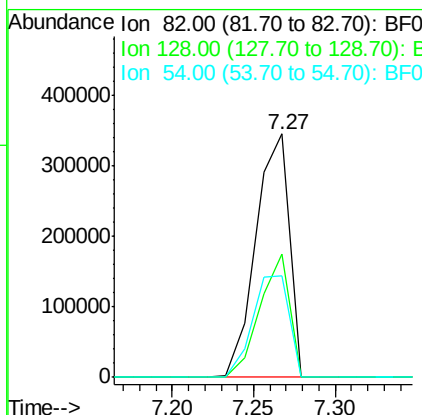
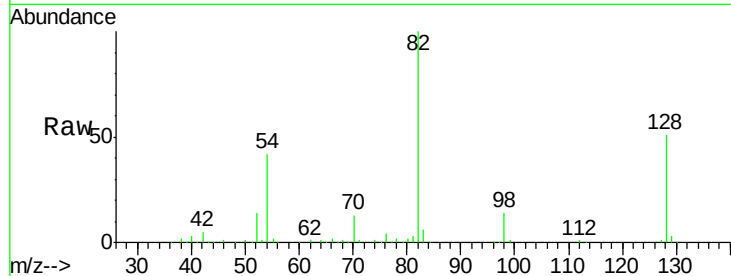




#23
 Nitrobenzene-d5
 Concen: 98.01 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF088970.D
 Acq: 13 Jul 2016 21:08

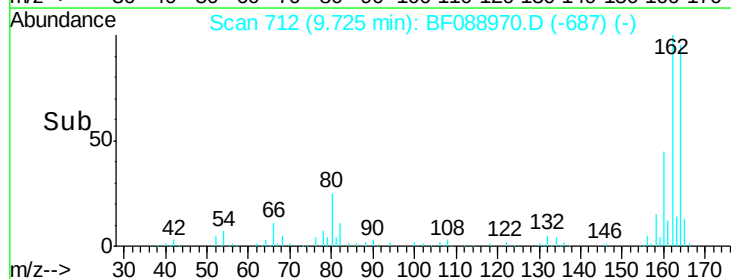
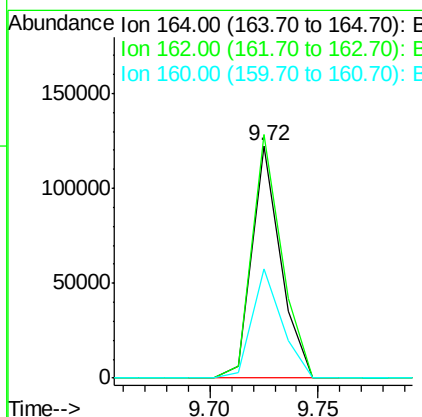
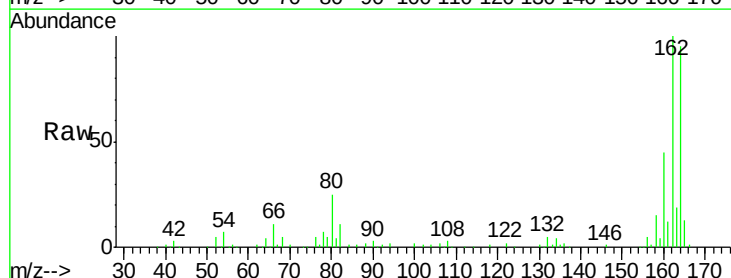
Instrument :
 BNA_F
 ClientSampled :
 C4.2-6

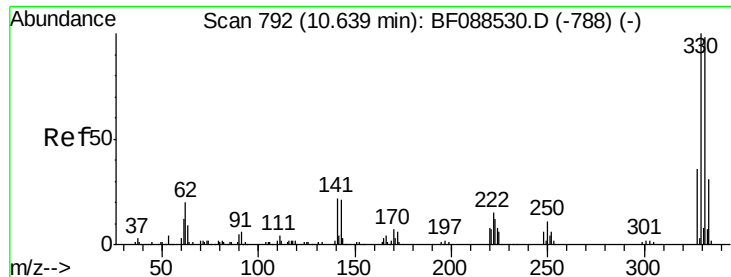
Tot Ion	82	Resp	491977
Ion Ratio	100	Lower	Upper
128	50.6	35.9	53.9
54	41.6	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088970.D
 Acq: 13 Jul 2016 21:08

Tgt Ion	164	Resp	112330
Ion Ratio	100	Lower	Upper
162	104.8	85.4	128.2
160	46.8	39.5	59.3

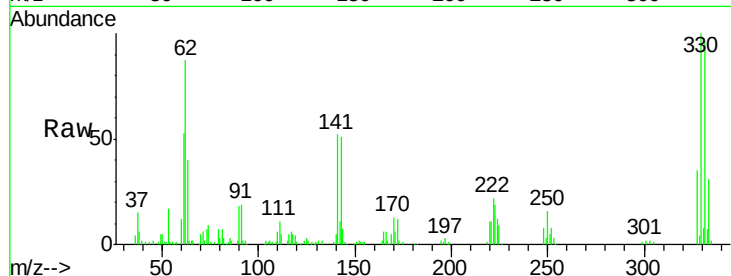




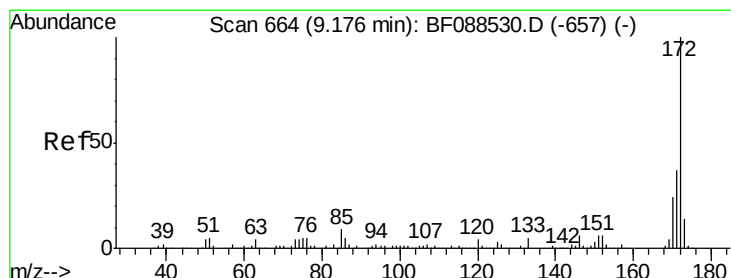
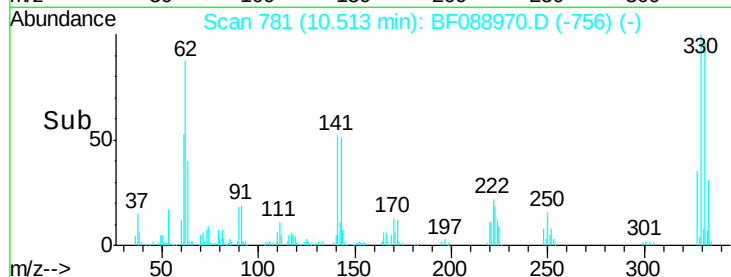
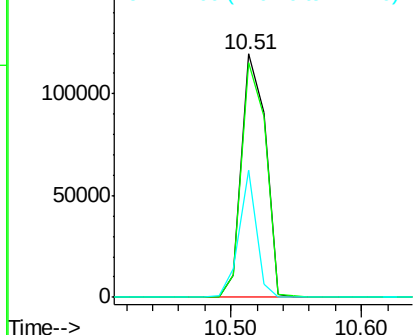
#41
 2,4,6-Tribromophenol
 Concen: 147.11 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088970.D
 Acq: 13 Jul 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-6

Tot Ion:330 Resp: 153449
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 37.4 0.0 0.0#

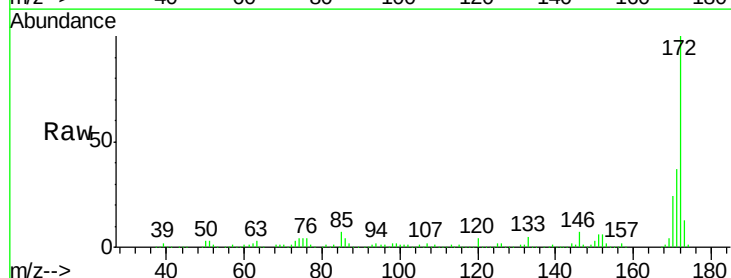


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

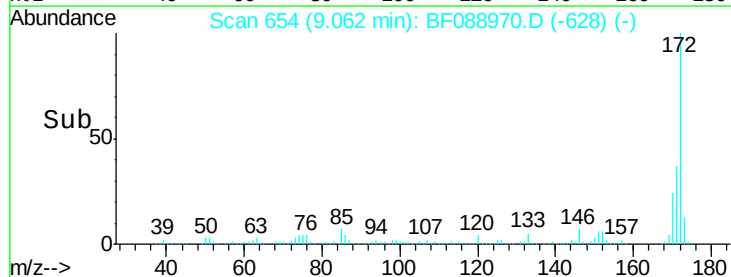
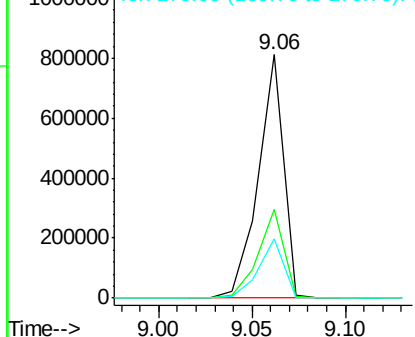


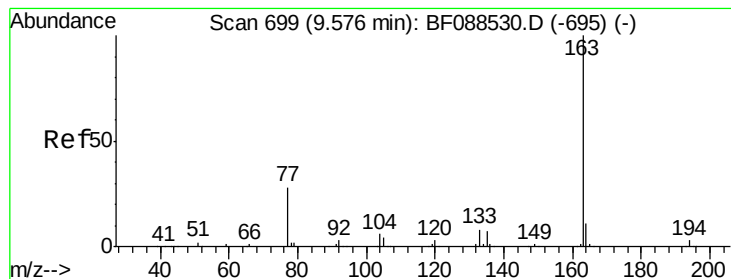
#44
 2-Fluorobiphenyl
 Concen: 106.47 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF088970.D
 Acq: 13 Jul 2016 21:08

Tgt Ion:172 Resp: 757182
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.2 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: 23.13 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088970.D

Acq: 13 Jul 2016 21:08

Instrument :

BNA_F

ClientSampleId :

C4.2-6

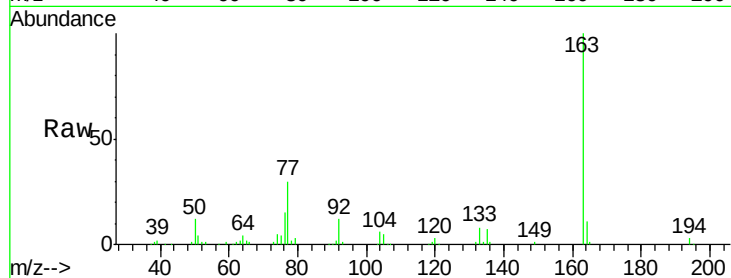
Tot Ion:163 Resp: 185095

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

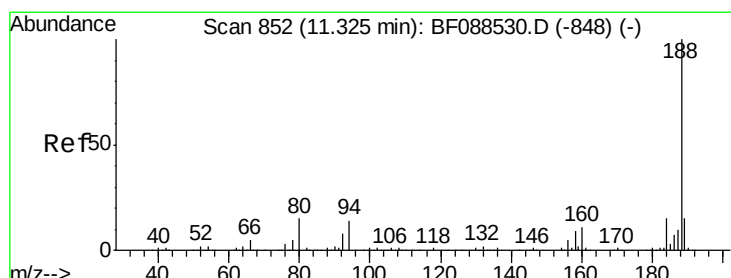
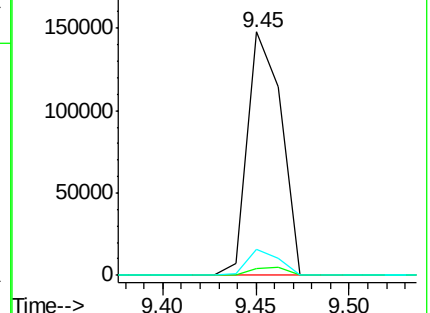
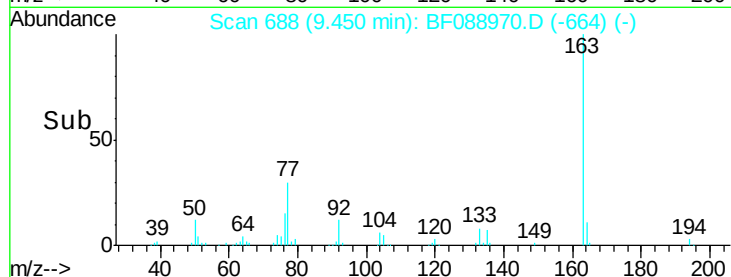
164 10.8 8.3 12.5



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: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088970.D

Acq: 13 Jul 2016 21:08

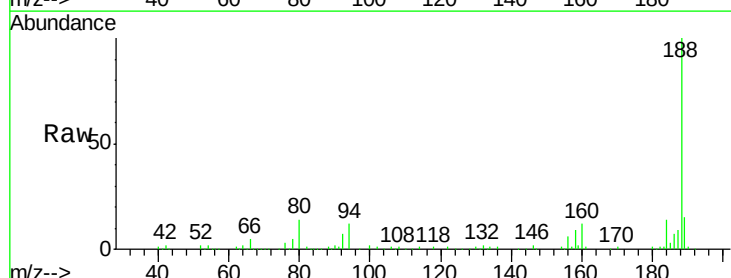
Tgt Ion:188 Resp: 188573

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.6

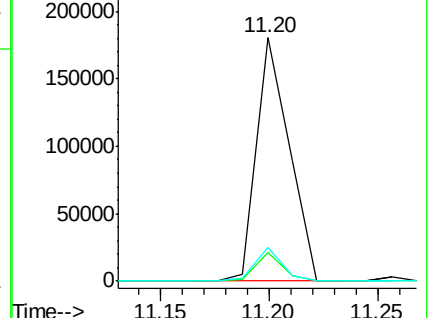
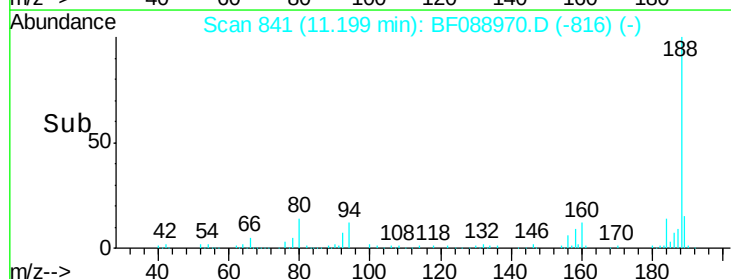
80 13.9 10.0 15.0

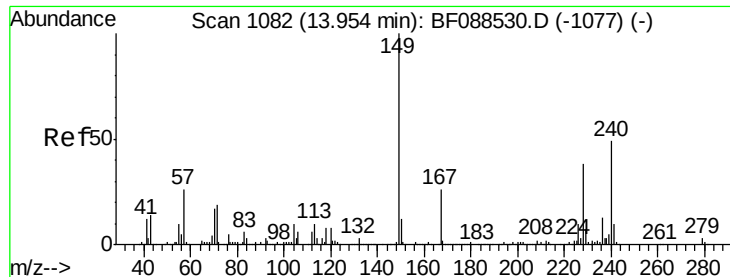


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088970.D

Acq: 13 Jul 2016 21:08

Instrument :

BNA_F

ClientSampleId :

C4.2-6

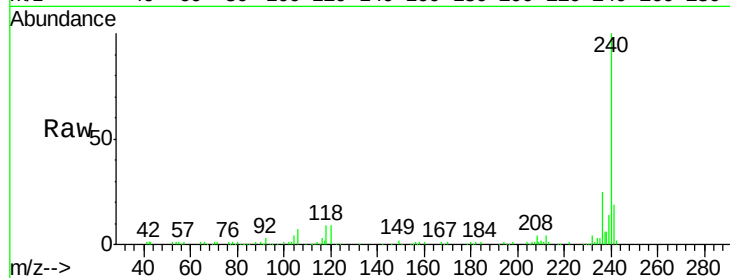
Tot Ion:240 Resp: 130305

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

236 25.2 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

13.83

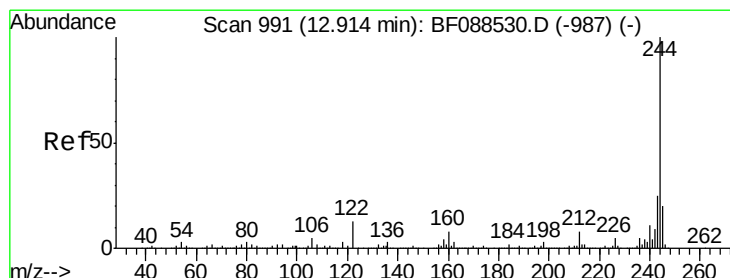
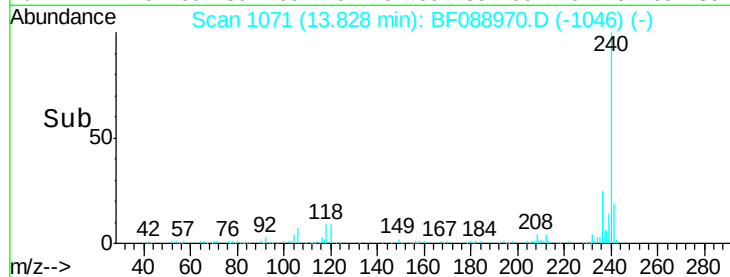
150000

100000

50000

0

Time--> 13.75 13.80 13.85 13.90



#78

Terphenyl-d14

Concen: 72.28 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088970.D

Acq: 13 Jul 2016 21:08

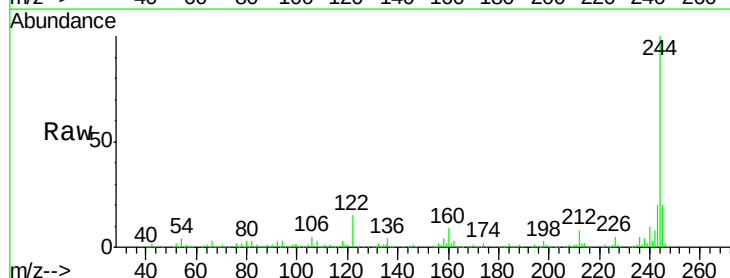
Tgt Ion:244 Resp: 422874

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 14.8 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

12.79

600000

500000

400000

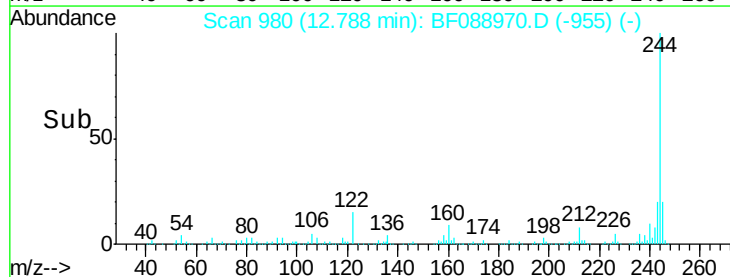
300000

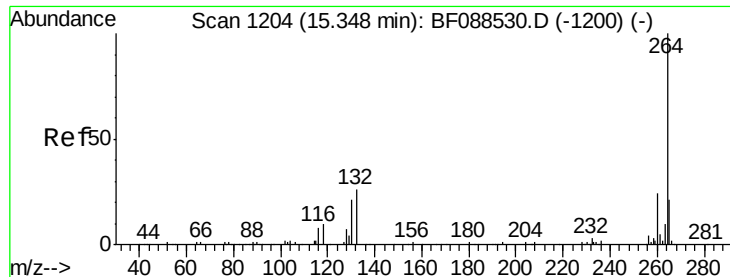
200000

100000

0

Time--> 12.70 12.80

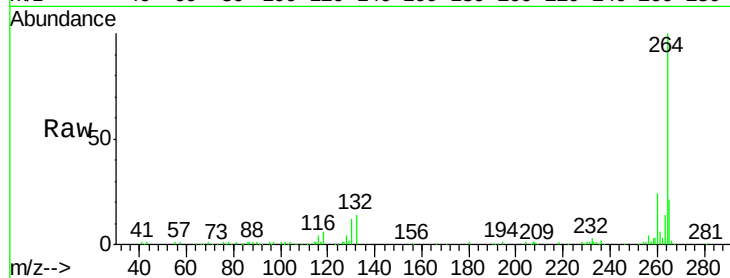




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF088970.D
 Acq: 13 Jul 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-6

Tot Ion:264 Resp: 132782
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.2 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

