

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088978.D
 Acq On : 14 Jul 2016 1:04
 Operator : UM/SJ
 Sample : H3946-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B4(0-8)C

Quant Time: Jul 14 03:21:57 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

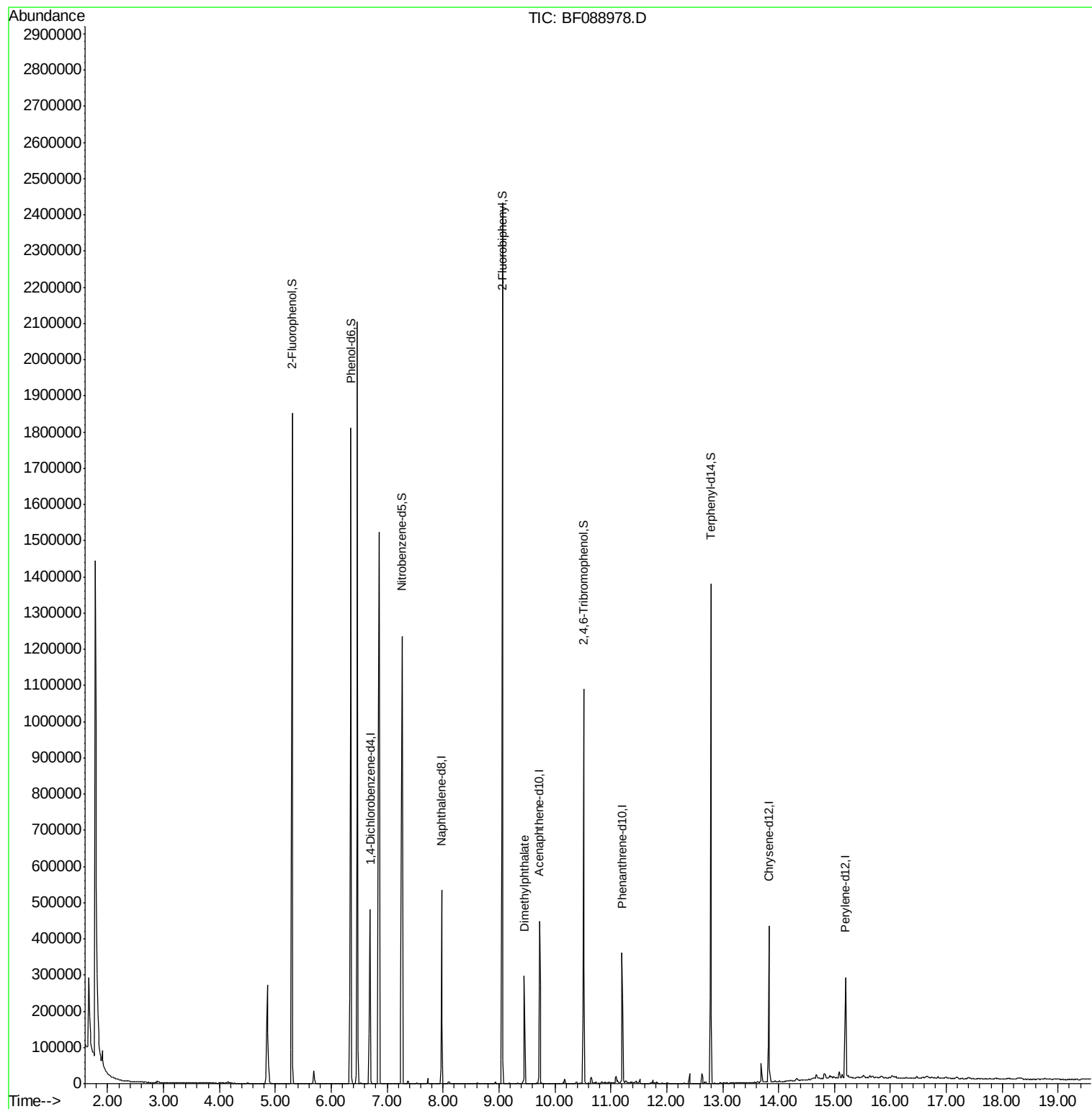
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	72157	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	253164	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	105670	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	163774	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	128536	20.00	ng	-0.01
86) Perylene-d12	15.20	264	115951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	571892	118.78	ng	0.01
7) Phenol-d6	6.35	99	773080	124.27	ng	0.00
23) Nitrobenzene-d5	7.27	82	522100	108.07	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	135997	138.59	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	724468	108.29	ng	0.00
78) Terphenyl-d14	12.79	244	389894	67.56	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	142245	18.89	ng	99

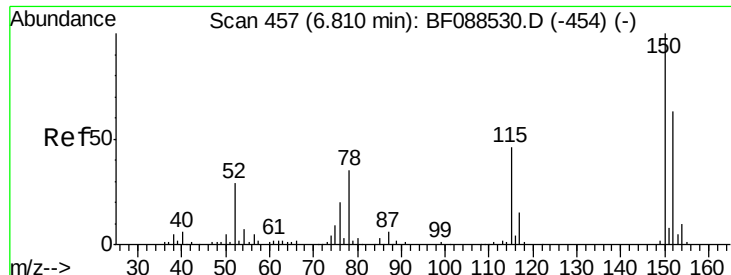
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

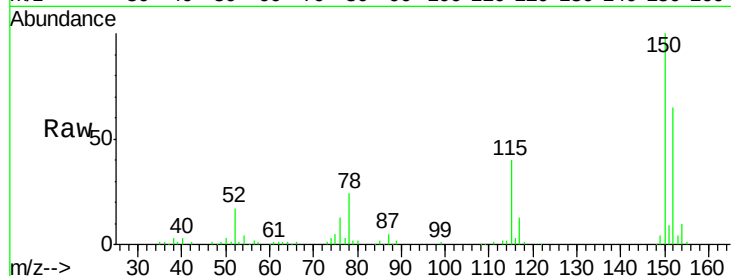
Tot Ion:152 Resp: 72157

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

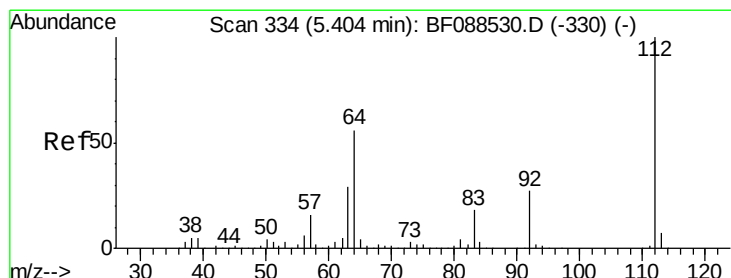
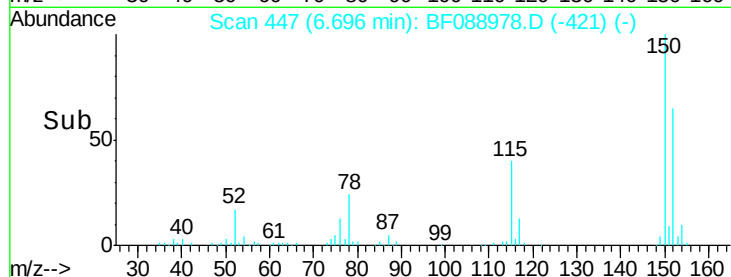
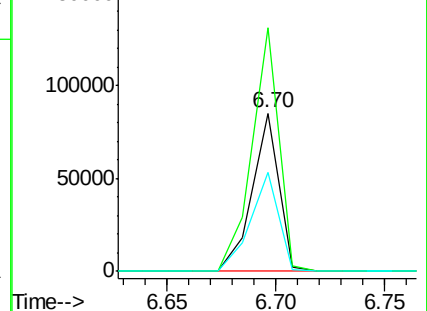
115 62.4 39.6 59.4#



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: 118.78 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

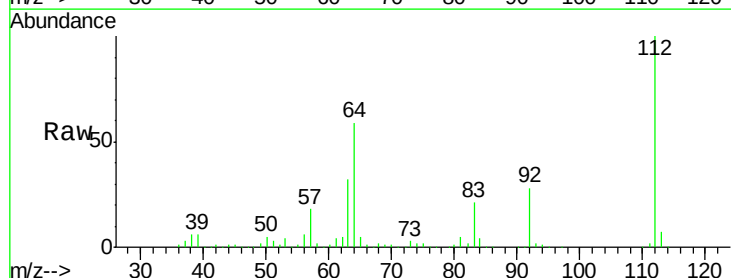
Tgt Ion:112 Resp: 571892

Ion Ratio Lower Upper

112 100

64 58.9 42.2 63.2

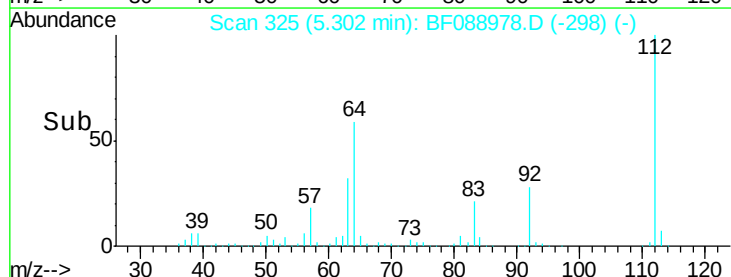
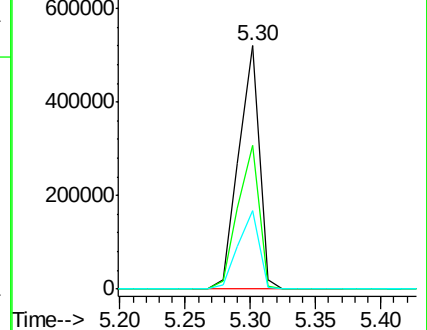
63 32.3 21.8 32.8

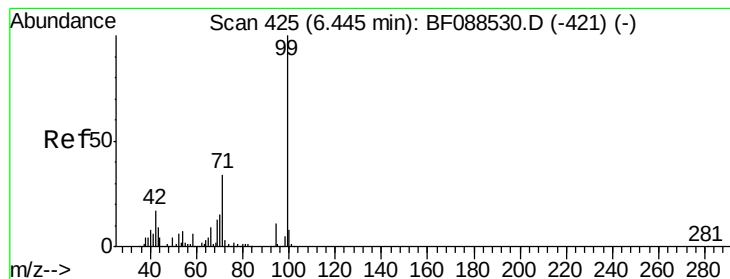


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.27 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

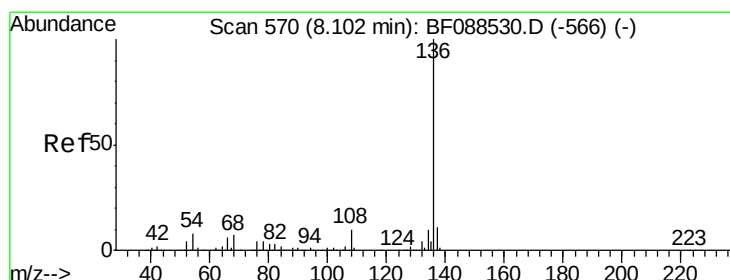
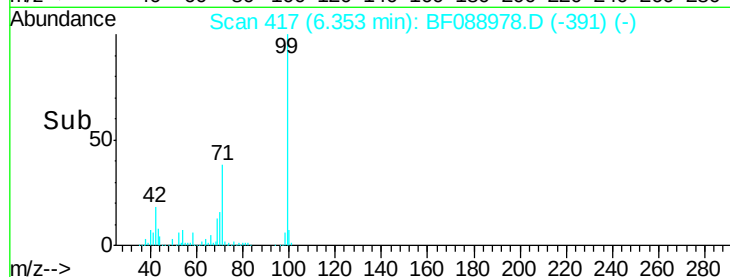
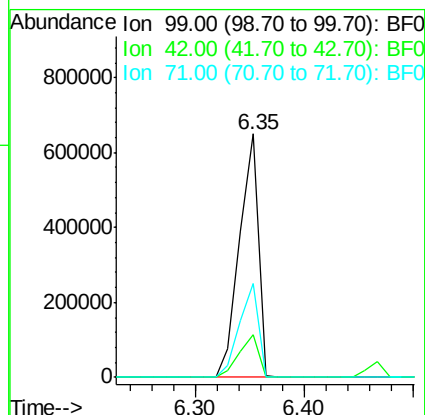
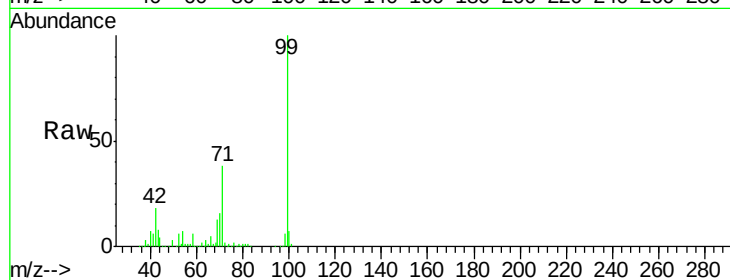
Tot Ion: 99 Resp: 773080

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 38.4 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Tgt Ion: 136 Resp: 253164

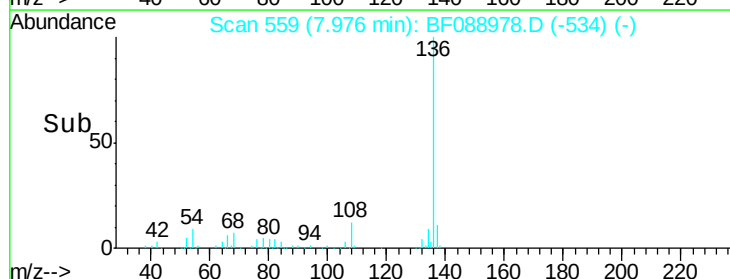
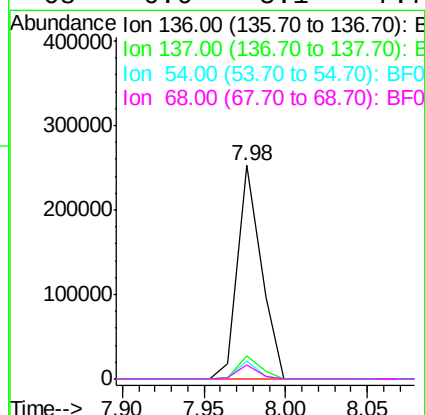
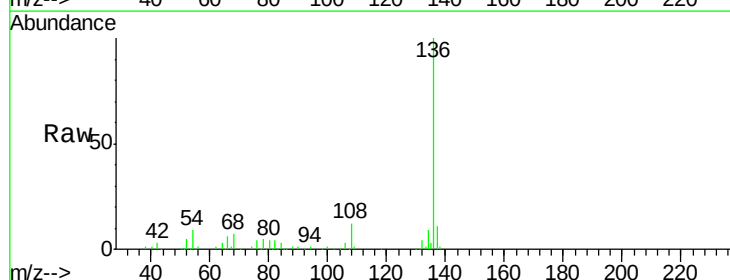
Ion Ratio Lower Upper

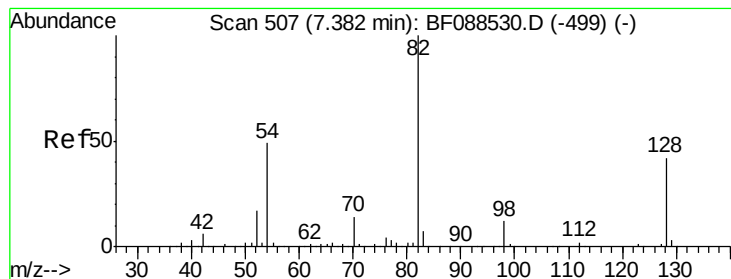
136 100

137 10.9 9.1 13.7

54 8.7 6.6 10.0

68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 108.07 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

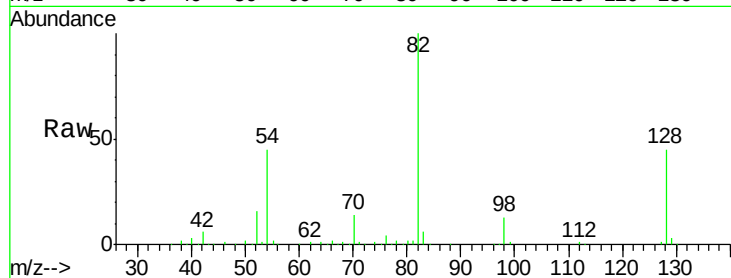
Tot Ion: 82 Resp: 522100

Ion Ratio Lower Upper

82 100

128 45.4 35.9 53.9

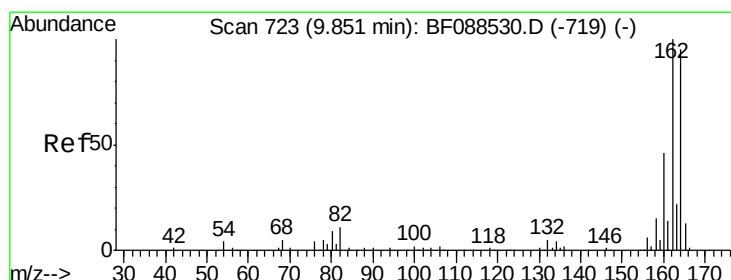
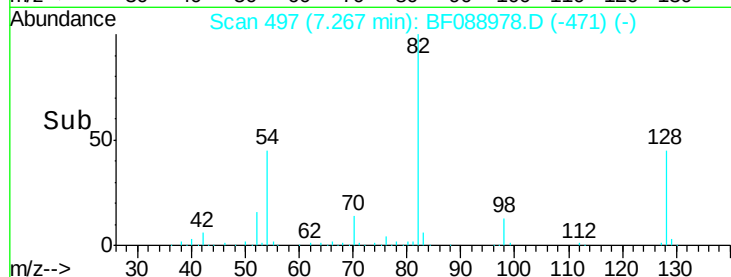
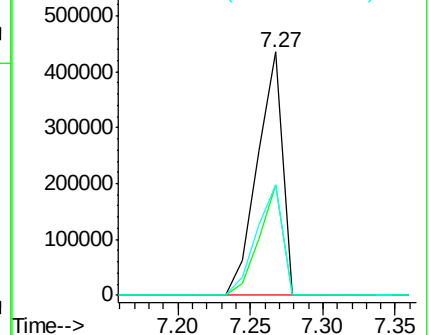
54 45.2 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

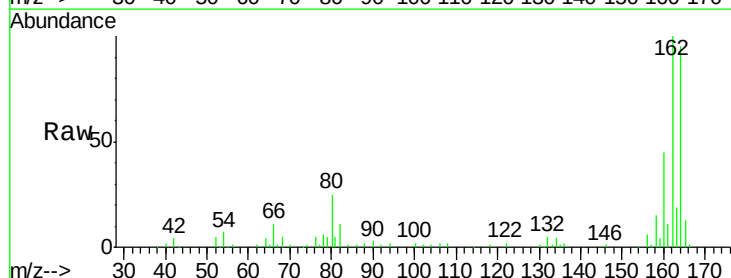
Tgt Ion:164 Resp: 105670

Ion Ratio Lower Upper

164 100

162 104.9 85.4 128.2

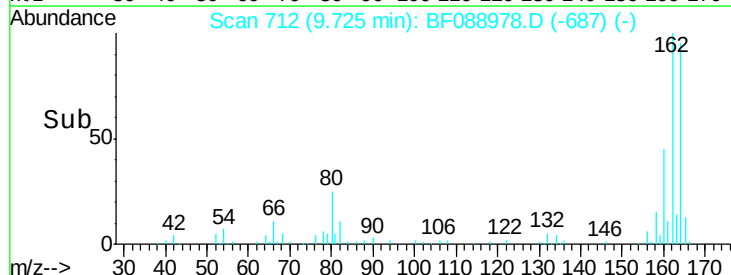
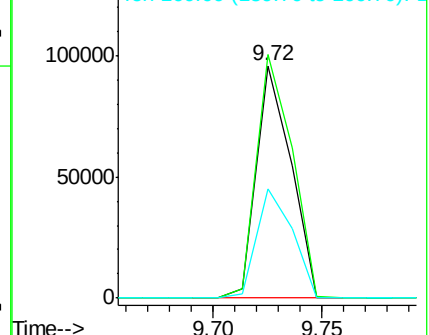
160 47.0 39.5 59.3

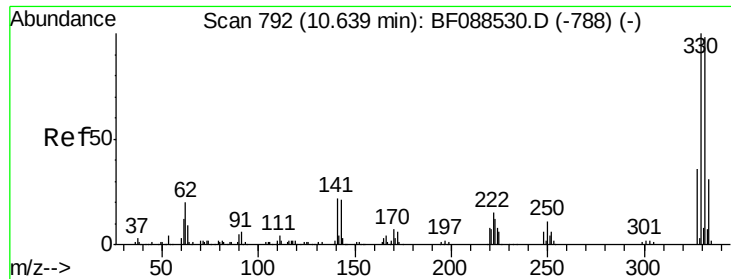


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

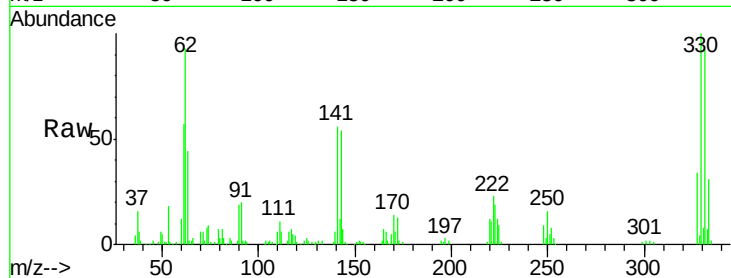




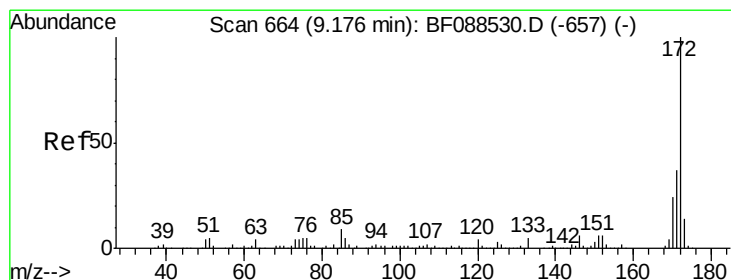
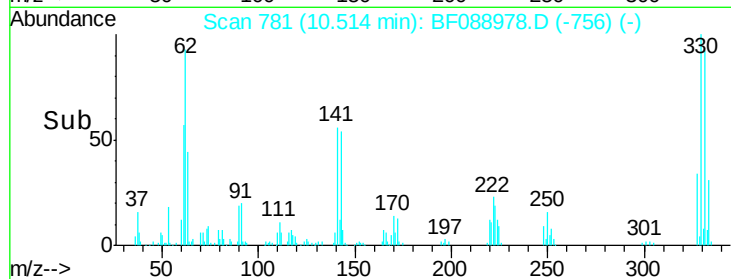
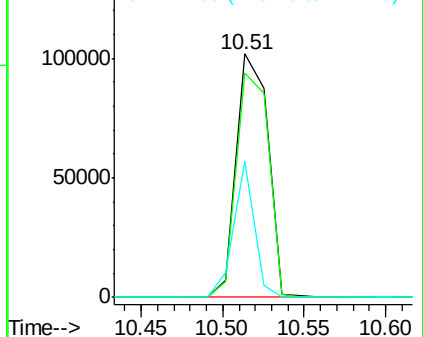
#41
 2,4,6-Tribromophenol
 Concen: 138.59 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088978.D
 Acq: 14 Jul 2016 1:04

Instrument :
 BNA_F
 ClientSampleId :
 Q7-B4(0-8)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	36.6	0.0	0.0#

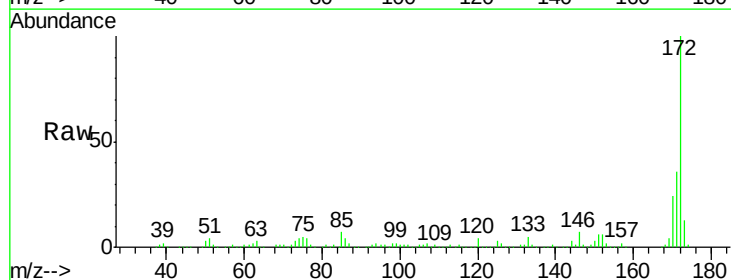


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

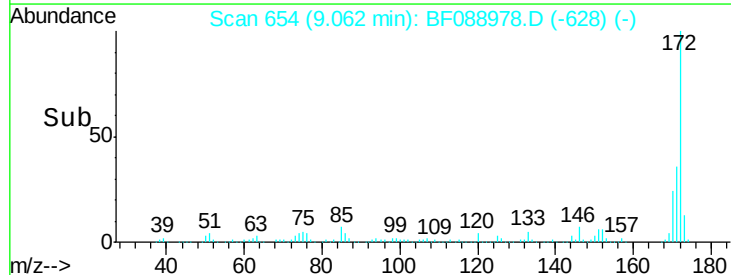
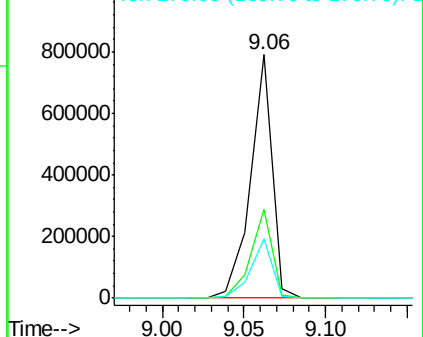


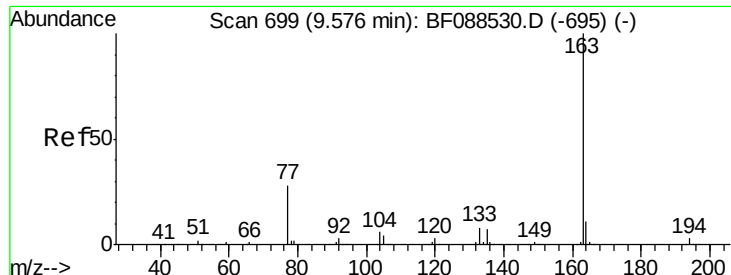
#44
 2-Fluorobiphenyl
 Concen: 108.29 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088978.D
 Acq: 14 Jul 2016 1:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.3	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: 18.89 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

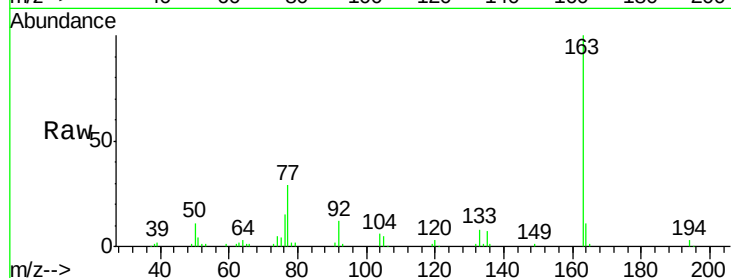
Tot Ion:163 Resp: 142245

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

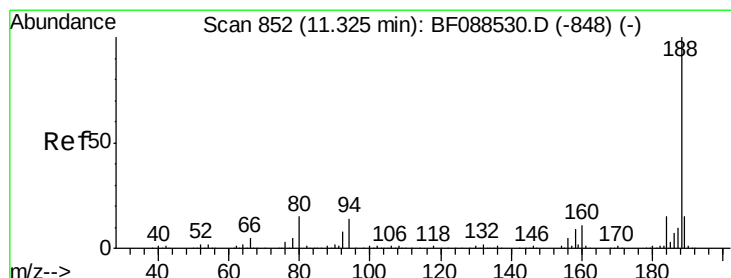
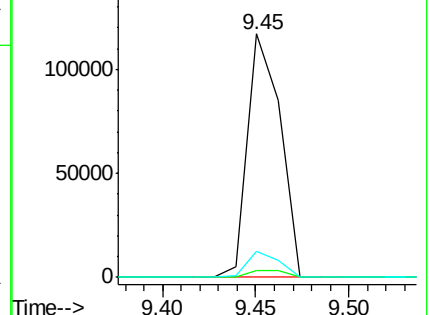
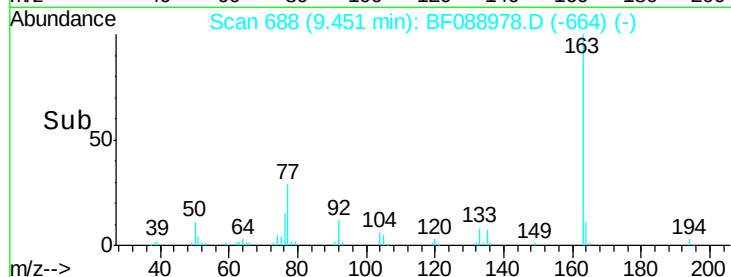
164 10.6 8.3 12.5



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: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

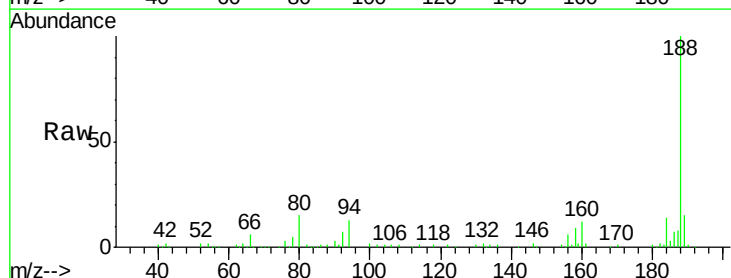
Tgt Ion:188 Resp: 163774

Ion Ratio Lower Upper

188 100

94 12.9 9.0 13.6

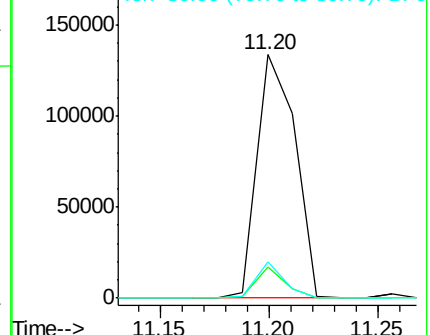
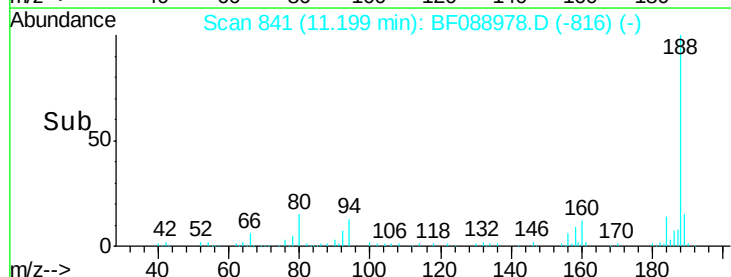
80 14.7 10.0 15.0

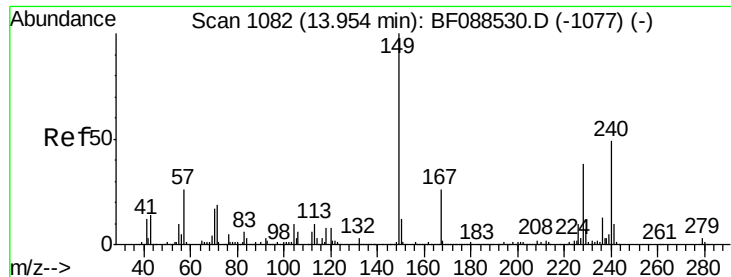


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

Instrument :

BNA_F

ClientSampleId :

Q7-B4(0-8)C

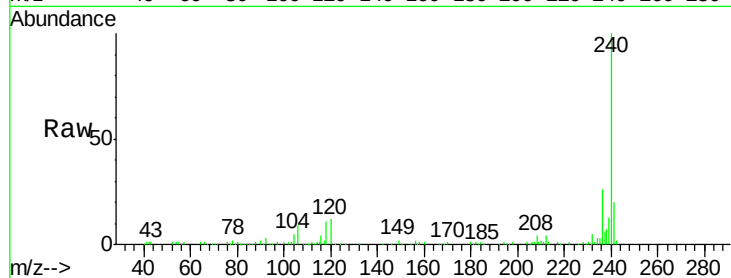
Tot Ion:240 Resp: 128536

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

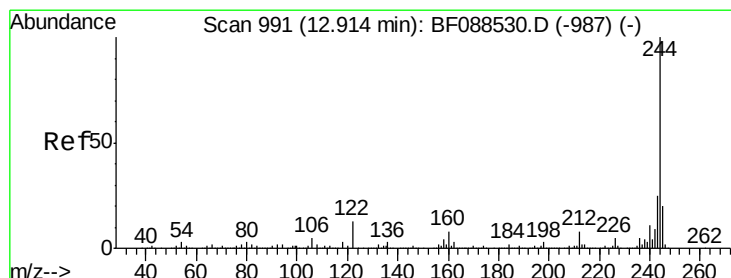
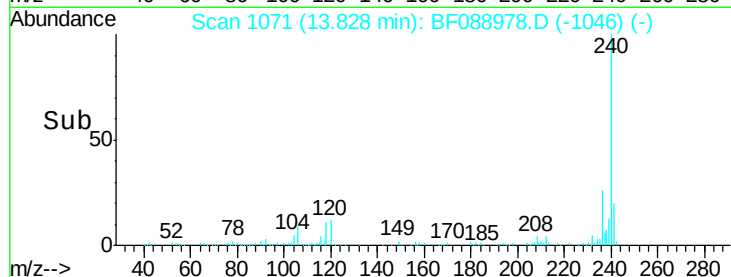
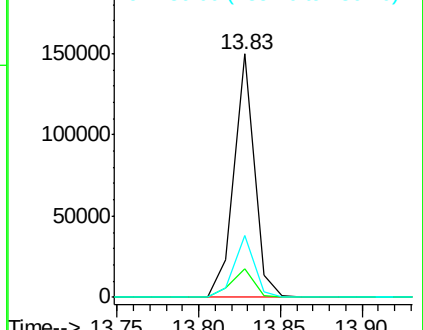
236 25.6 20.2 30.2



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: 67.56 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088978.D

Acq: 14 Jul 2016 1:04

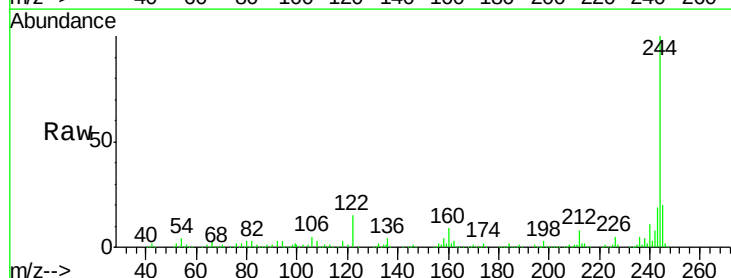
Tgt Ion:244 Resp: 389894

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

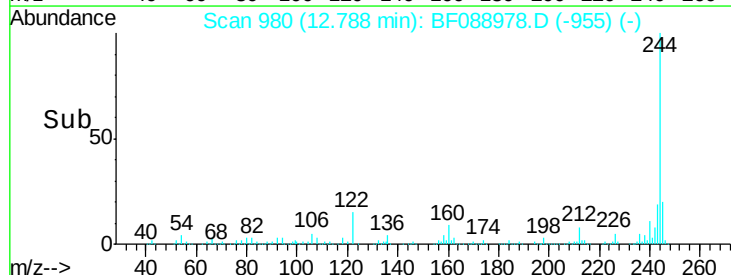
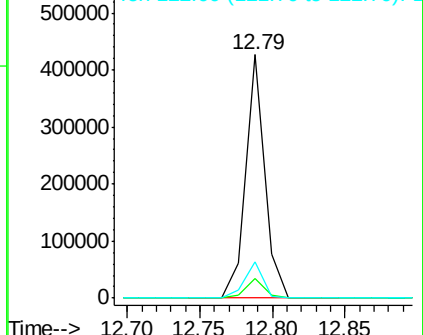
122 14.8 11.2 16.8

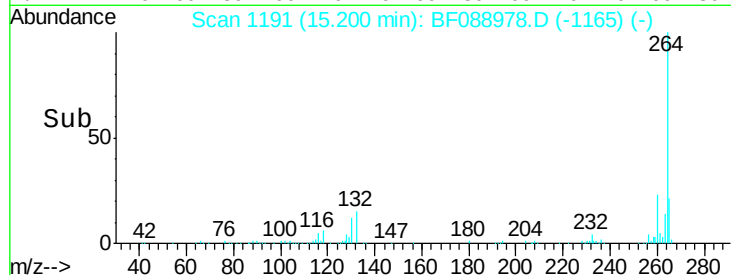
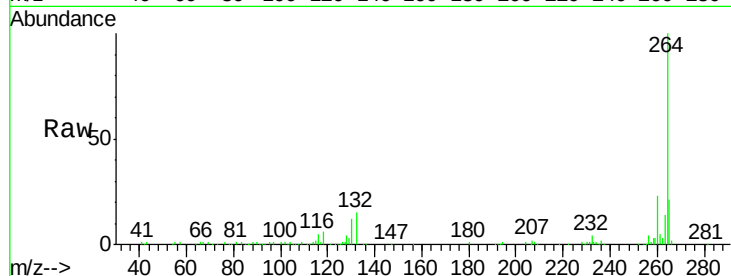
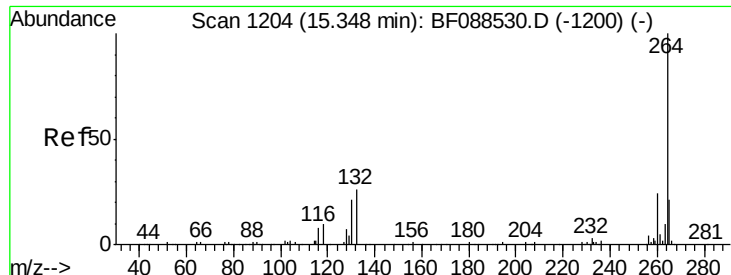


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF088978.D
Acq: 14 Jul 2016 1:04

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.9	16.9	25.3

Instrument :
BNA_F
ClientSampleId :
Q7-B4(0-8)C

