

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088977.D
 Acq On : 14 Jul 2016 00:35
 Operator : UM/SJ
 Sample : H3946-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P7-B5(0-6)C

Quant Time: Jul 14 03:20:46 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

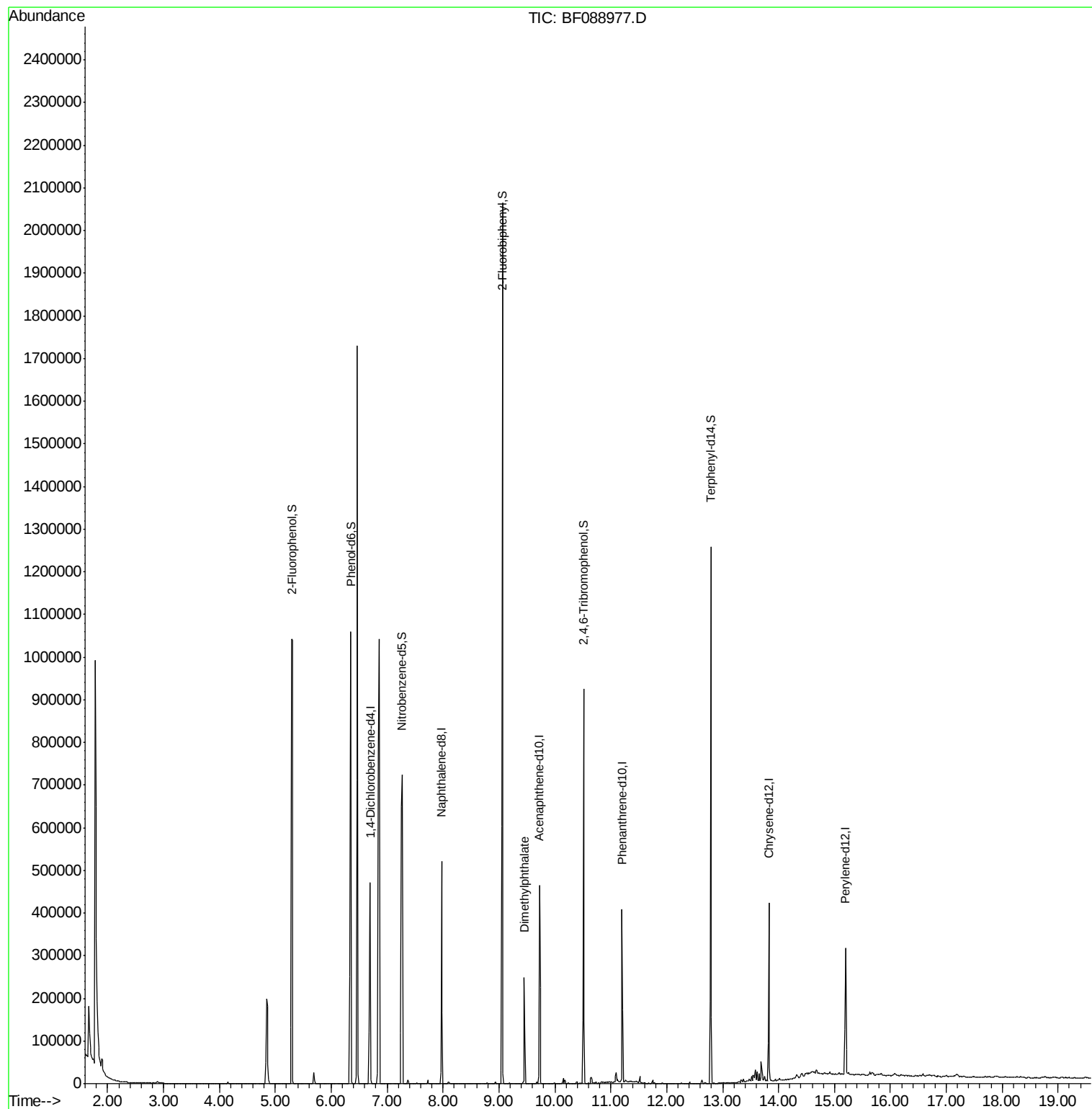
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	69137	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	243102	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	101577	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	158897	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	129370	20.00	ng	-0.02
86) Perylene-d12	15.20	264	117519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	452158	98.02	ng	0.01
7) Phenol-d6	6.35	99	606673	101.78	ng	0.00
23) Nitrobenzene-d5	7.27	82	365648	78.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	94540	100.23	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	612918	95.31	ng	-0.01
78) Terphenyl-d14	12.79	244	345304	59.45	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	110521	15.27	ng	99

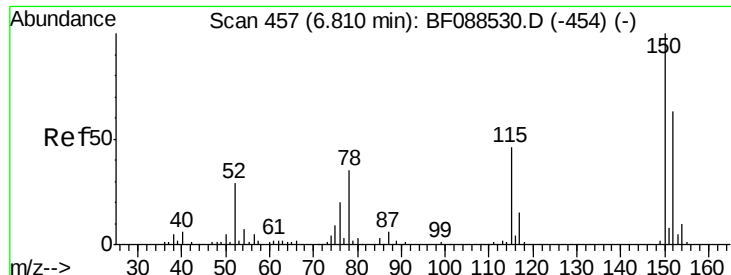
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF088977.D

Acq: 14 Jul 2016 00:35

Instrument :

BNA_F

ClientSampleId :

P7-B5(0-6)C

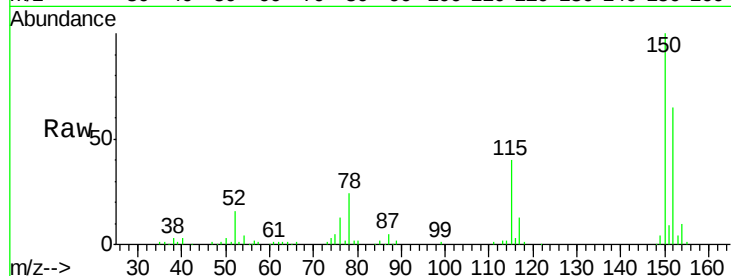
Tot Ion:152 Resp: 69137

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

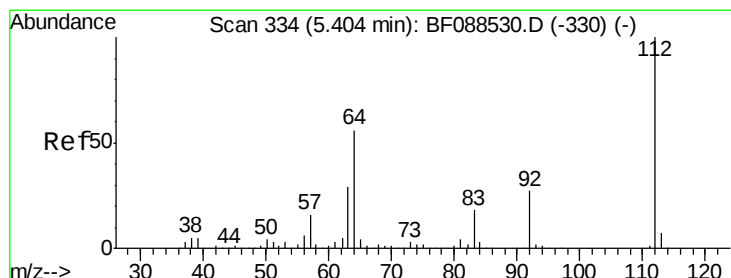
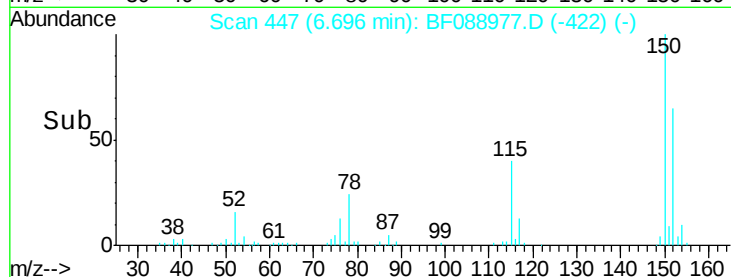
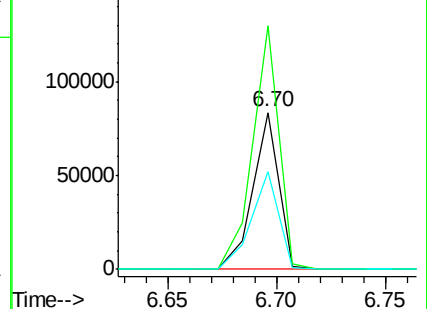
115 61.8 39.6 59.4#



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: 98.02 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088977.D

Acq: 14 Jul 2016 00:35

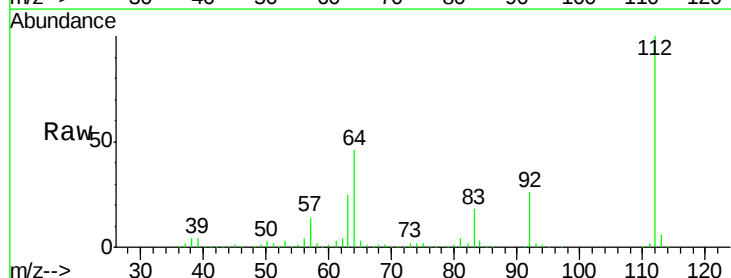
Tgt Ion:112 Resp: 452158

Ion Ratio Lower Upper

112 100

64 45.9 42.2 63.2

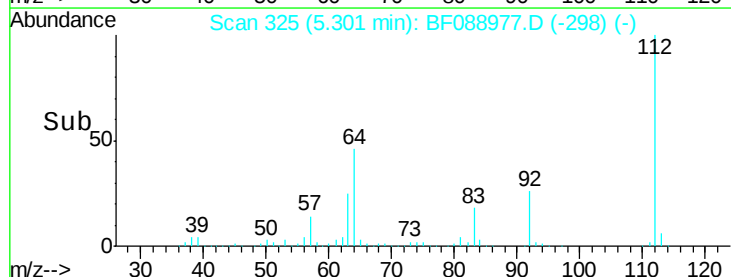
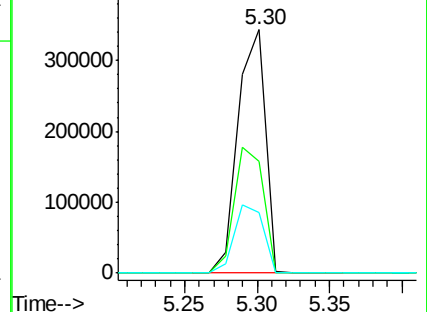
63 25.0 21.8 32.8

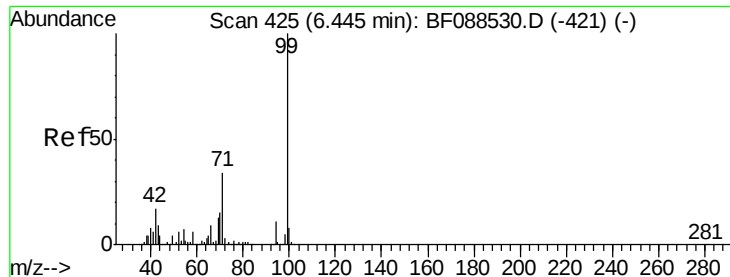


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.78 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088977.D

Acq: 14 Jul 2016 00:35

Instrument :

BNA_F

ClientSampled :

P7-B5(0-6)C

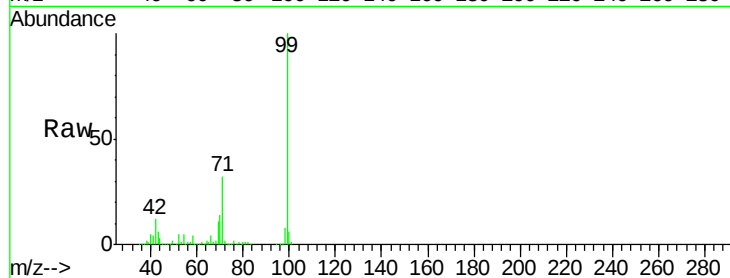
Tot Ion: 99 Resp: 606673

Ion Ratio Lower Upper

99 100

42 12.5 12.2 18.2

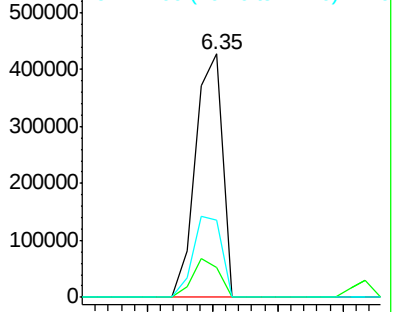
71 31.8 23.4 35.0



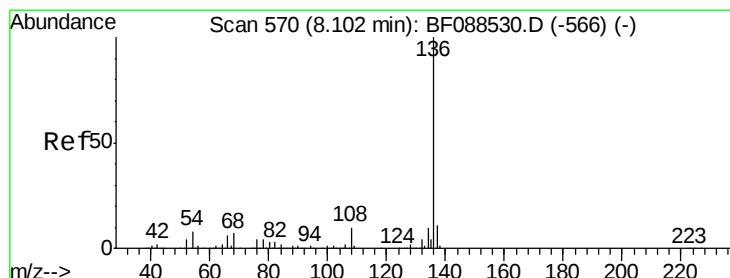
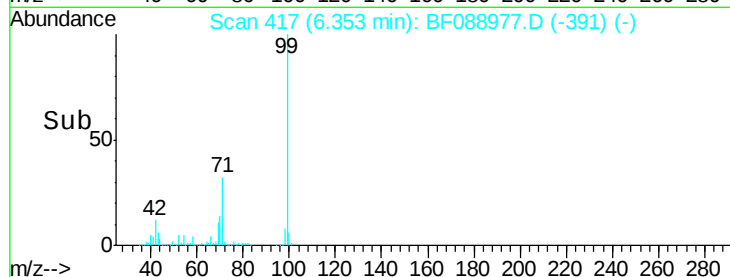
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088977.D

Acq: 14 Jul 2016 00:35

Tgt Ion: 136 Resp: 243102

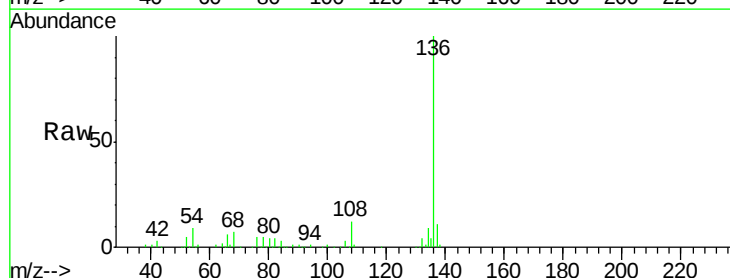
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.6 6.6 10.0

68 6.6 5.1 7.7

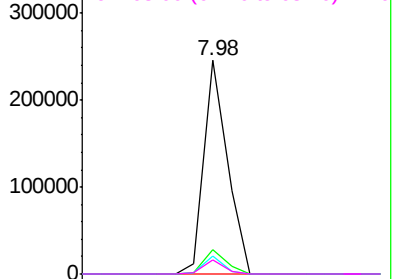


Abundance Ion 136.00 (135.70 to 136.70): E

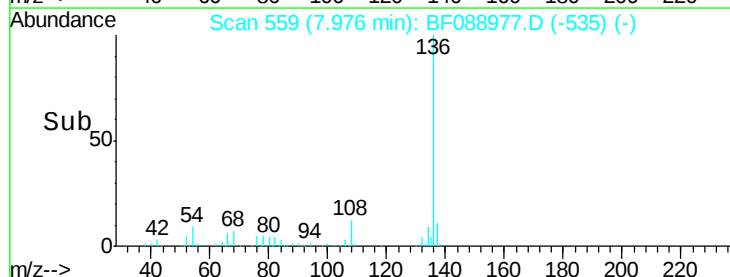
Ion 137.00 (136.70 to 137.70): E

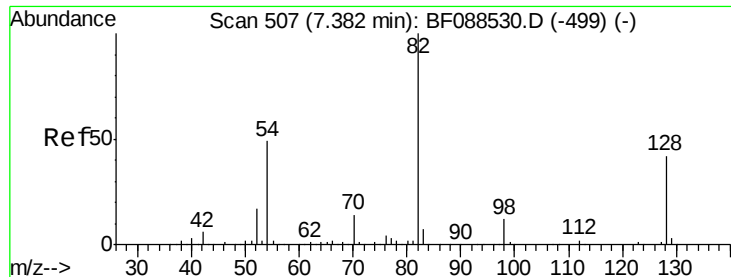
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

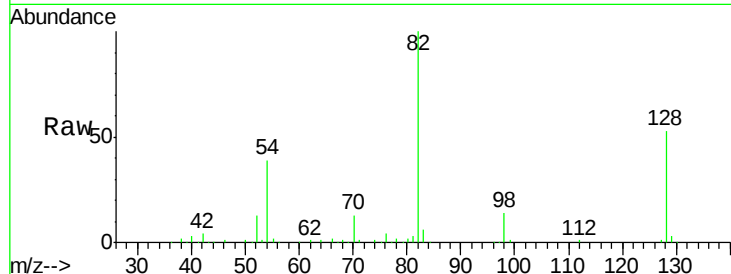




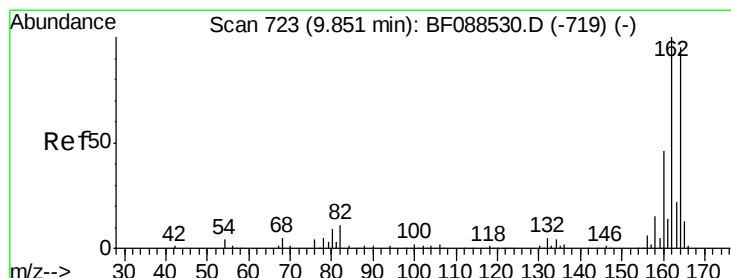
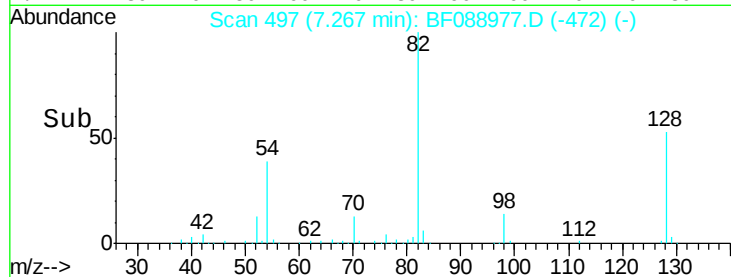
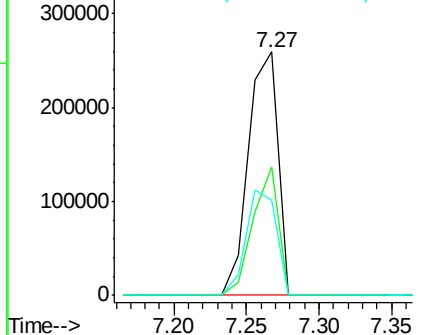
#23
 Nitrobenzene-d5
 Concen: 78.82 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088977.D
 Acq: 14 Jul 2016 00:35

Instrument :
 BNA_F
 ClientSampled :
 P7-B5(0-6)C

Tot Ion	82	Resp	365648
Ion Ratio	100	Lower	Upper
128	52.6	35.9	53.9
54	39.0	40.9	61.3#

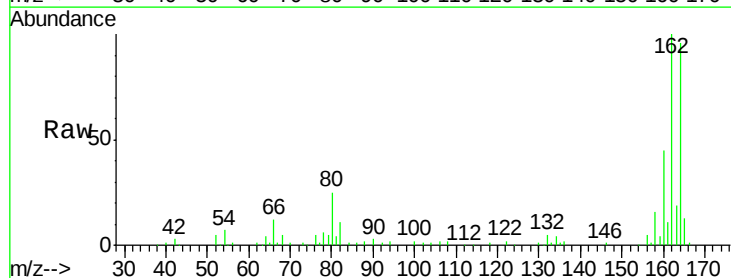


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

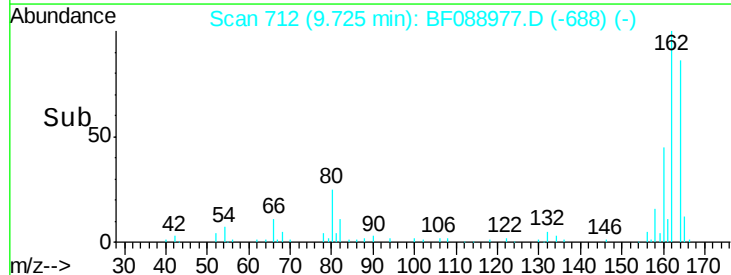
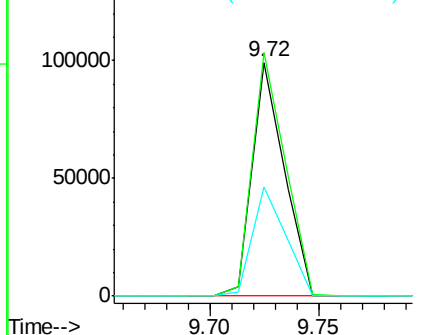


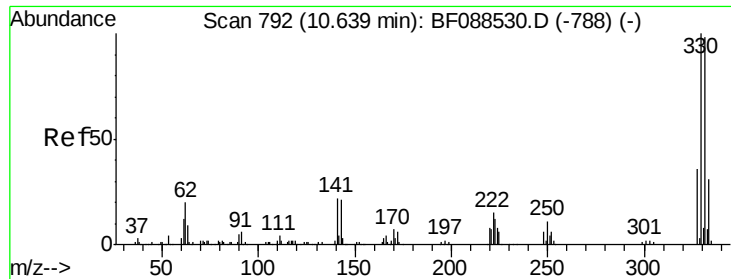
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF088977.D
 Acq: 14 Jul 2016 00:35

Tgt Ion	164	Resp	101577
Ion Ratio	100	Lower	Upper
162	104.3	85.4	128.2
160	46.7	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

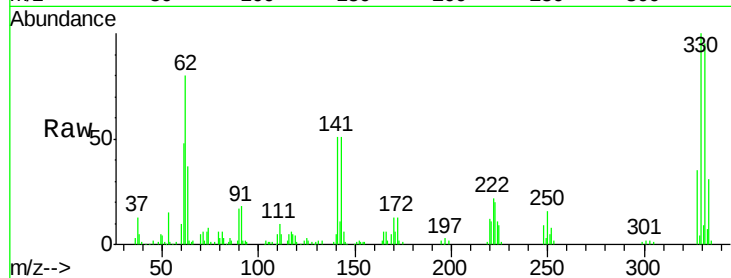




#41
 2,4,6-Tribromophenol
 Concen: 100.23 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF088977.D
 Acq: 14 Jul 2016 00:35

Instrument :
 BNA_F
 ClientSampleId :
 P7-B5(0-6)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	42.8	0.0	0.0#

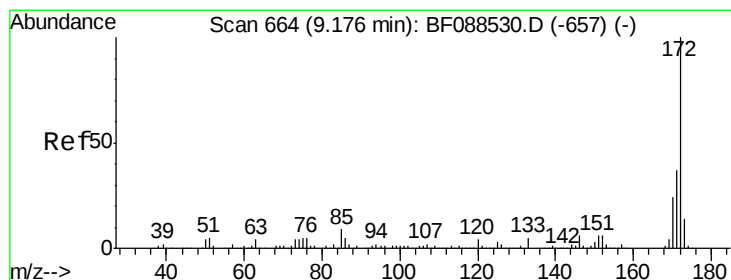
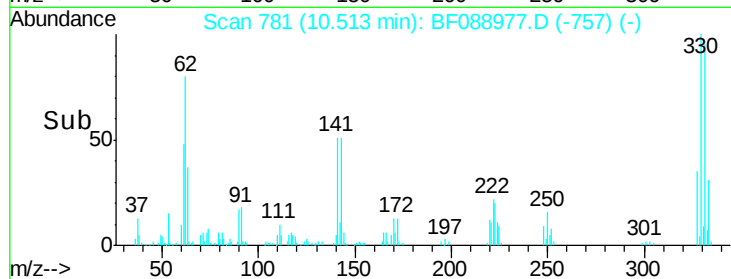
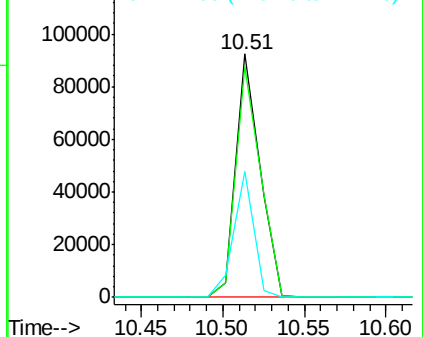


Abundance

Ion 329.80 (329.50 to 330.50): E

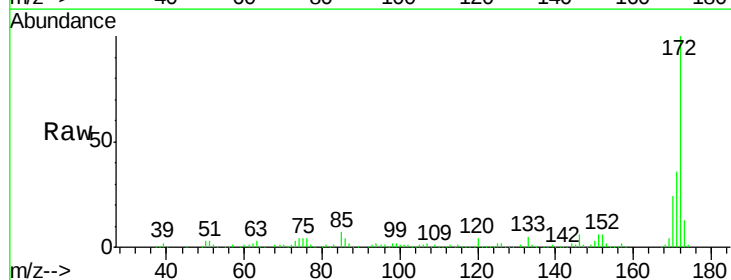
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.31 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088977.D
 Acq: 14 Jul 2016 00:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.7	19.2	28.8

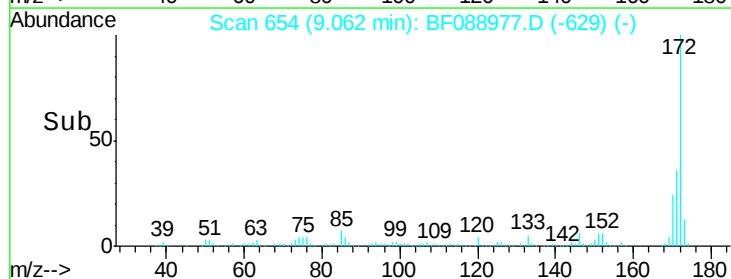
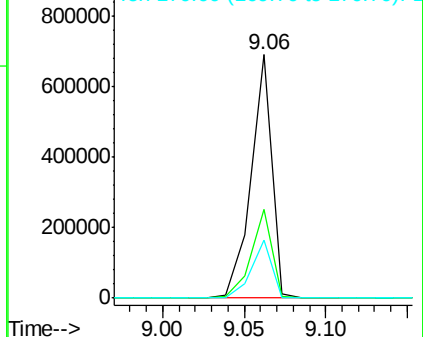


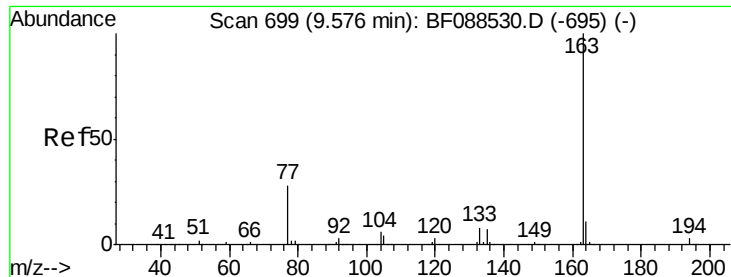
Abundance

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: 15.27 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF088977.D

Acq: 14 Jul 2016 00:35

Instrument :

BNA_F

ClientSampleId :

P7-B5(0-6)C

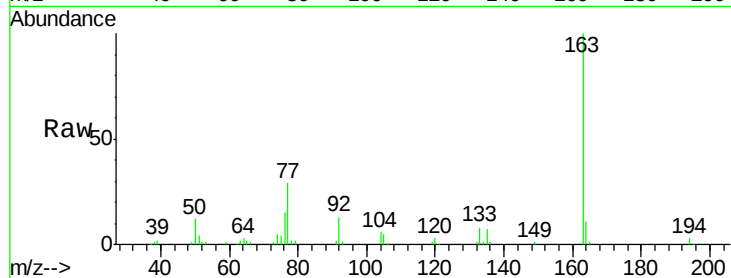
Tot Ion:163 Resp: 110521

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

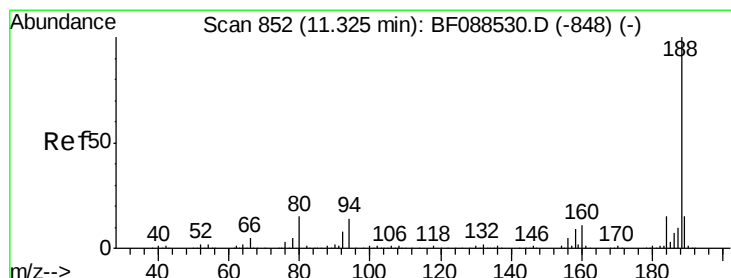
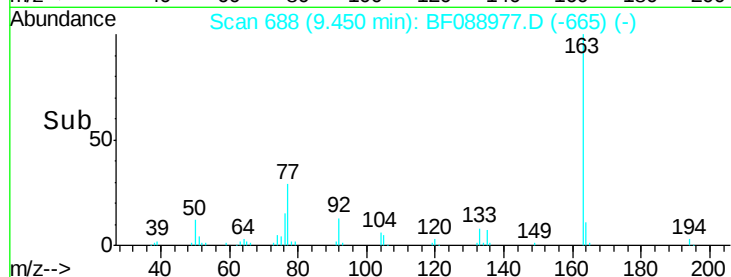
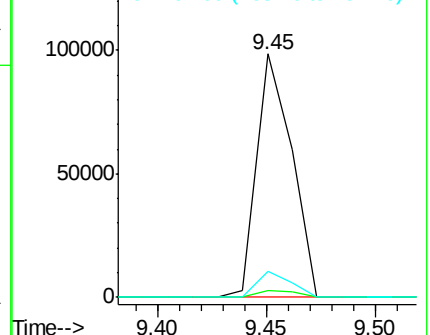
164 10.7 8.3 12.5



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: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF088977.D

Acq: 14 Jul 2016 00:35

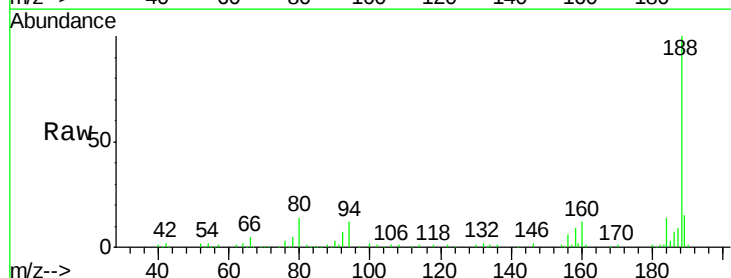
Tgt Ion:188 Resp: 158897

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.6

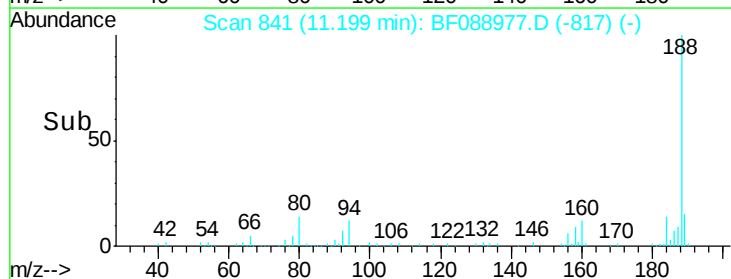
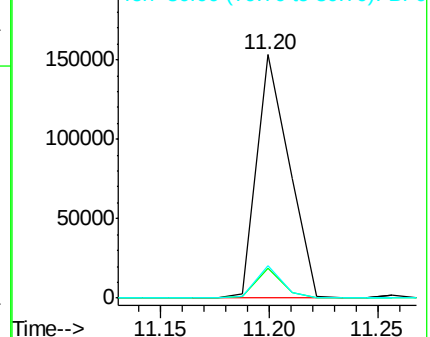
80 13.5 10.0 15.0

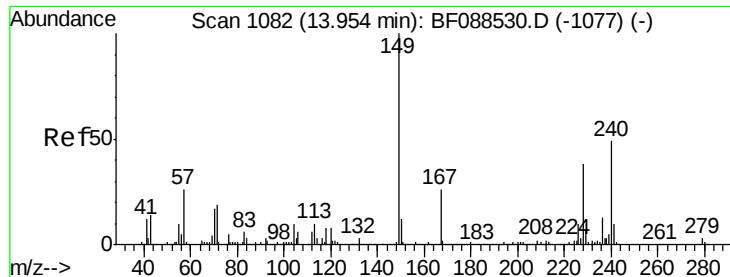


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088977.D

Acq: 14 Jul 2016 00:35

Instrument :

BNA_F

ClientSampleId :

P7-B5(0-6)C

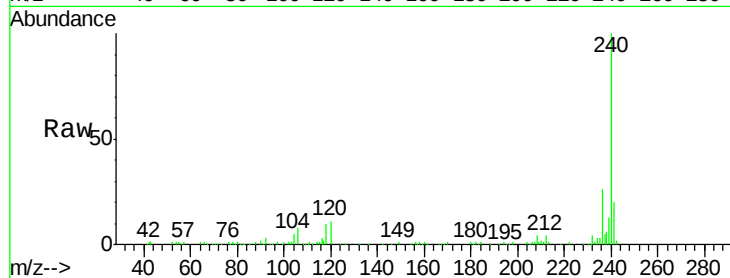
Tot Ion:240 Resp: 129370

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

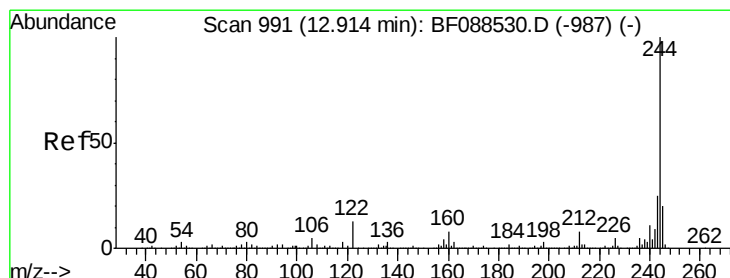
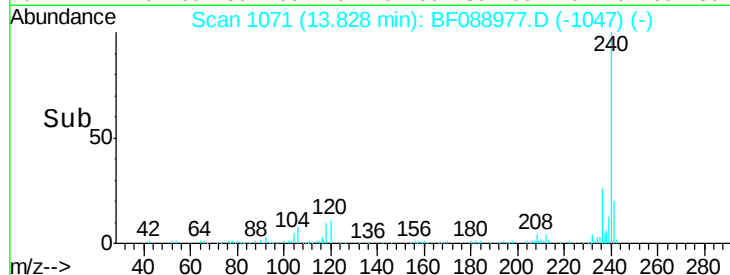
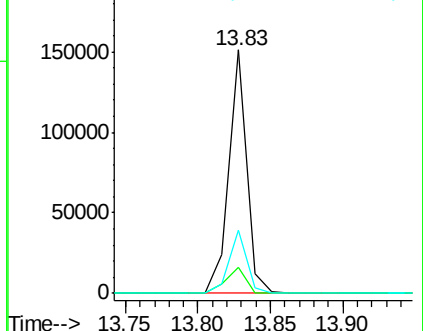
236 25.7 20.2 30.2



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: 59.45 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088977.D

Acq: 14 Jul 2016 00:35

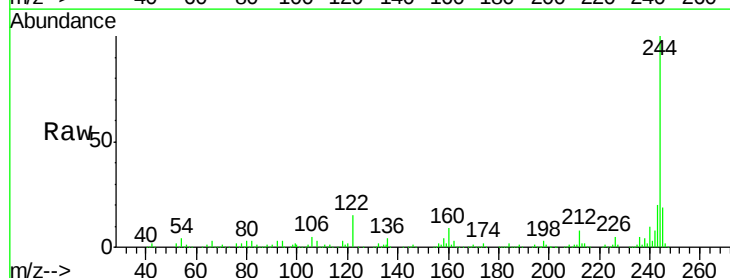
Tgt Ion:244 Resp: 345304

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

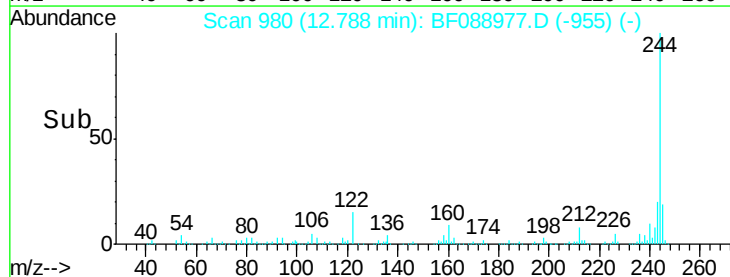
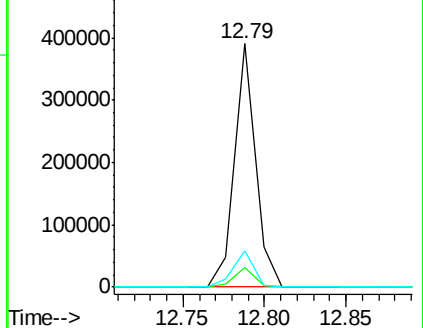
122 14.9 11.2 16.8

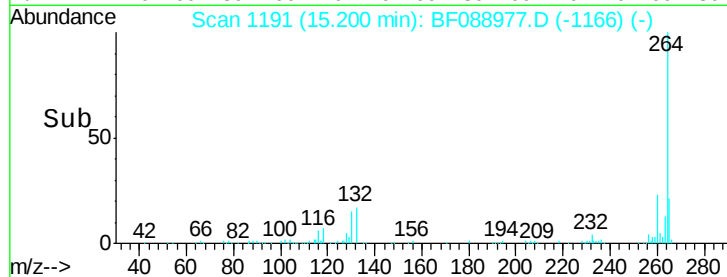
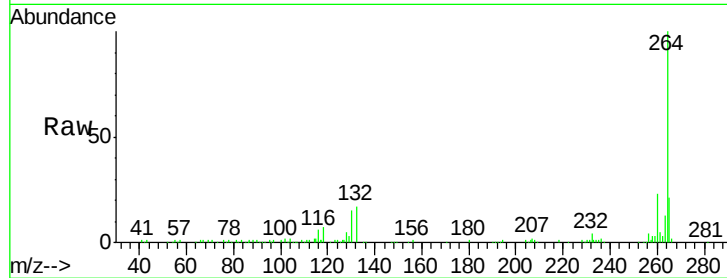
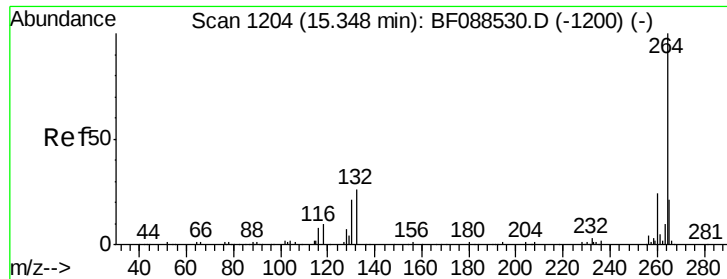


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
 Lab File: BF088977.D
 Acq: 14 Jul 2016 00:35

Instrument :
 BNA_F
 ClientSampleId :
 P7-B5(0-6)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	16.9	25.3

