

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088964.D
 Acq On : 13 Jul 2016 18:11
 Operator : UM/SJ
 Sample : H3980-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.1-07

Quant Time: Jul 14 01:32:14 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

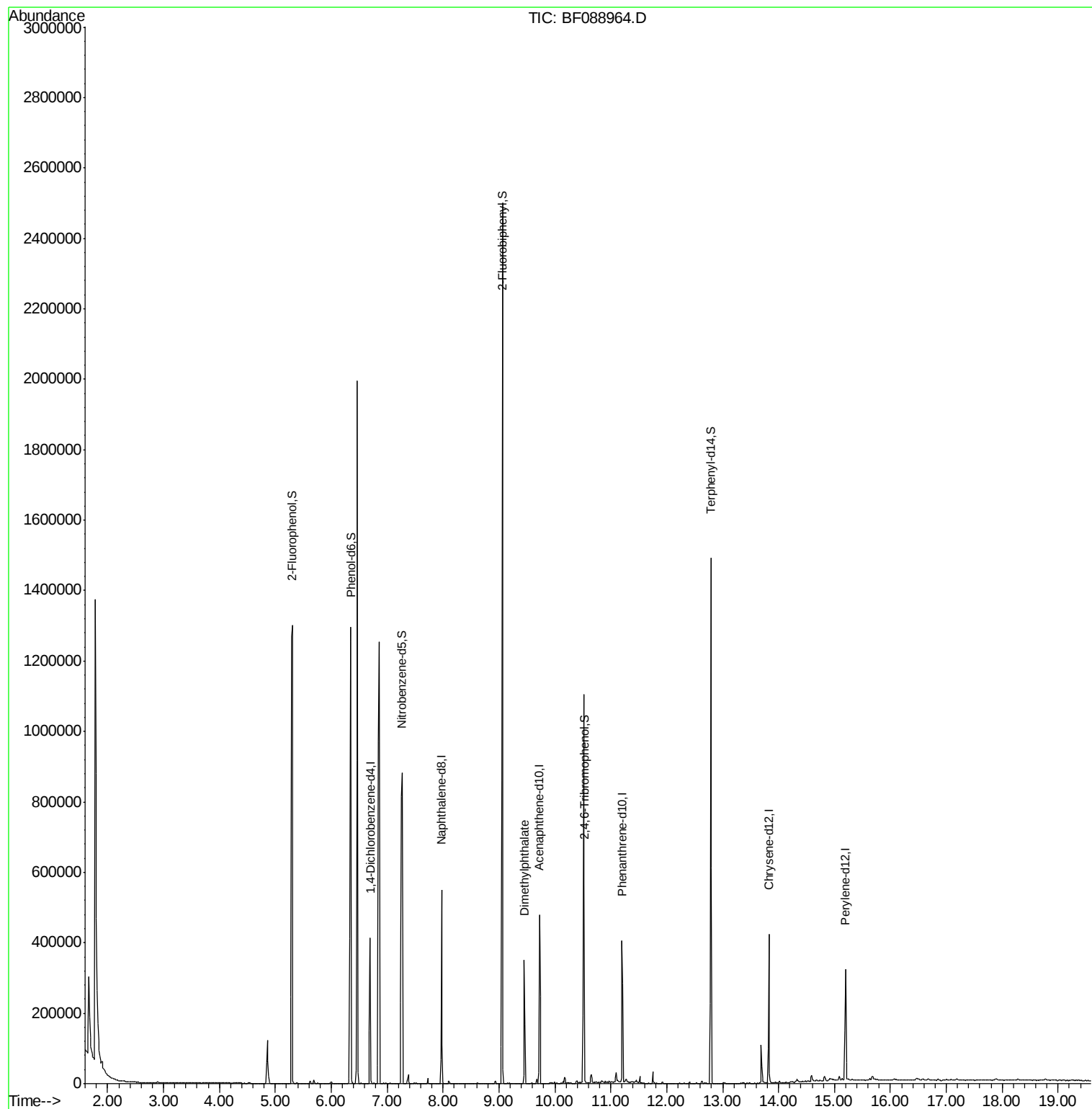
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	64915	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	245741	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	108893	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	190448	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	131195	20.00	ng	-0.01
86) Perylene-d12	15.20	264	129767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	572506	132.18	ng	0.01
7) Phenol-d6	6.35	99	756326	135.14	ng	0.00
23) Nitrobenzene-d5	7.27	82	470010	100.23	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	169707	167.83	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	773565	112.21	ng	0.00
78) Terphenyl-d14	12.79	244	519498	88.20	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	168049	21.66	ng	99

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

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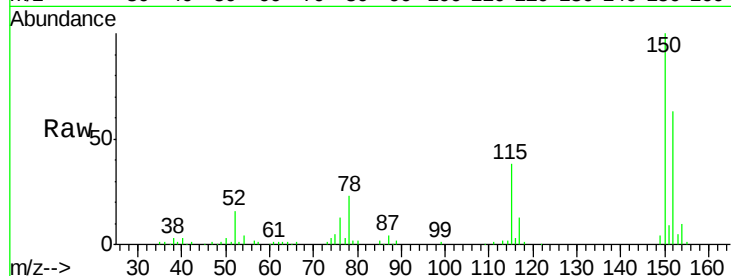


#1

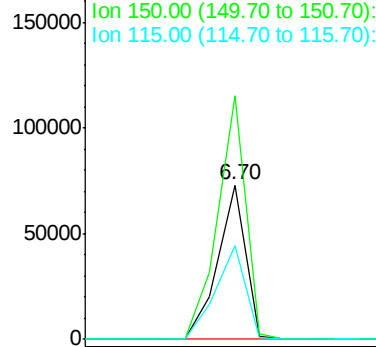
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF088964.D
Acq: 13 Jul 2016 18:11

Instrument :
BNA_F
ClientSampleId :
C4.1-07

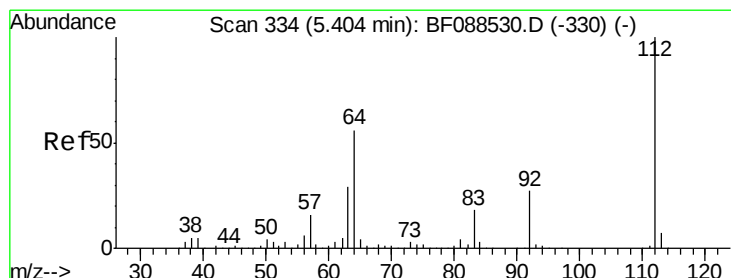
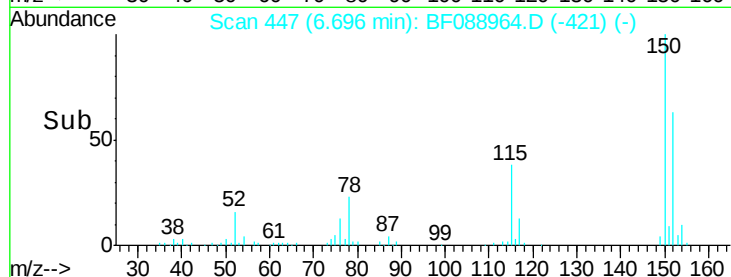
Tot Ion:152 Resp: 64915
Ion Ratio Lower Upper
152 100
150 157.7 123.8 185.6
115 60.7 39.6 59.4#



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



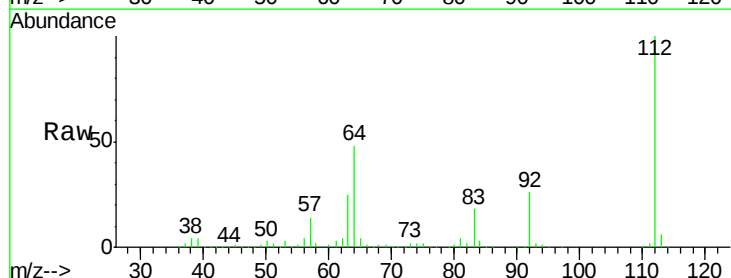
Time-->



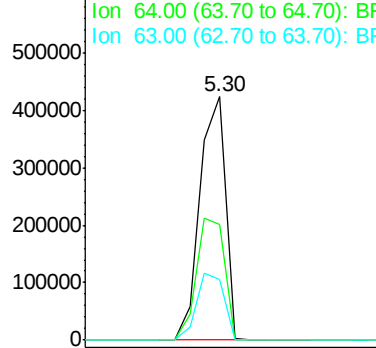
#5

2-Fluorophenol
Concen: 132.18 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088964.D
Acq: 13 Jul 2016 18:11

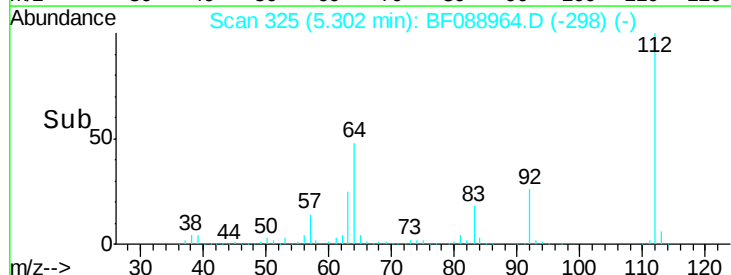
Tgt Ion:112 Resp: 572506
Ion Ratio Lower Upper
112 100
64 47.5 42.2 63.2
63 25.0 21.8 32.8



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



Time-->





#7

Phenol-d6

Concen: 135.14 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

Instrument :

BNA_F

ClientSampleId :

C4.1-07

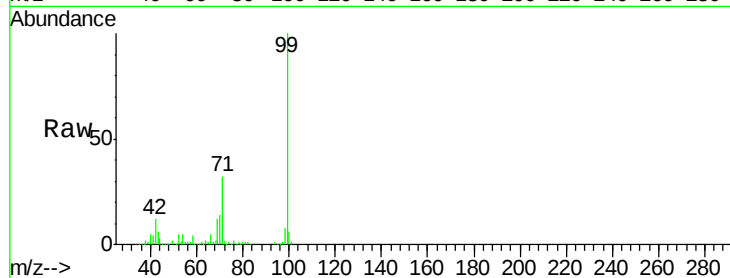
Tot Ion: 99 Resp: 756326

Ion Ratio Lower Upper

99 100

42 12.1 12.2 18.2#

71 32.2 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

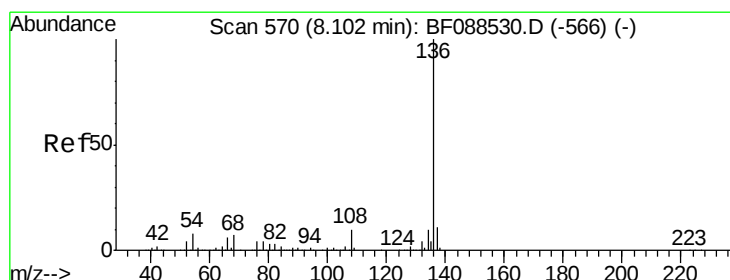
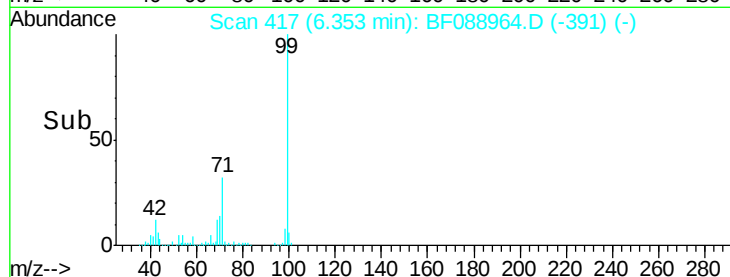
6.35

400000

200000

0

Time--> 6.25 6.30 6.35 6.40 6.45



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

Tgt Ion: 136 Resp: 245741

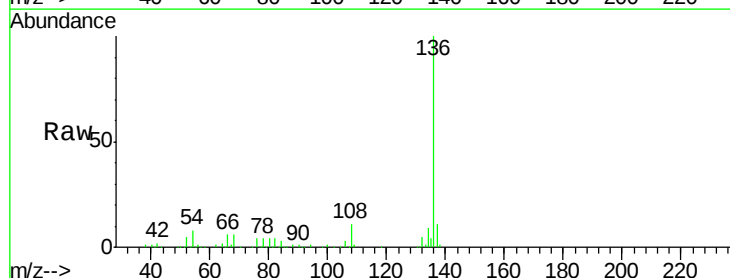
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.9 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

7.98

400000

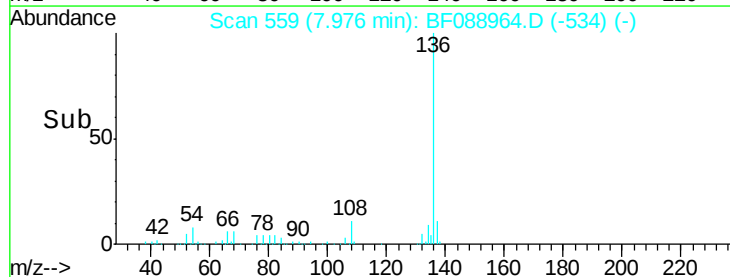
300000

200000

100000

0

Time--> 7.95 8.00 8.05





#23

Nitrobenzene-d5

Concen: 100.23 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

Instrument :

BNA_F

ClientSampleId :

C4.1-07

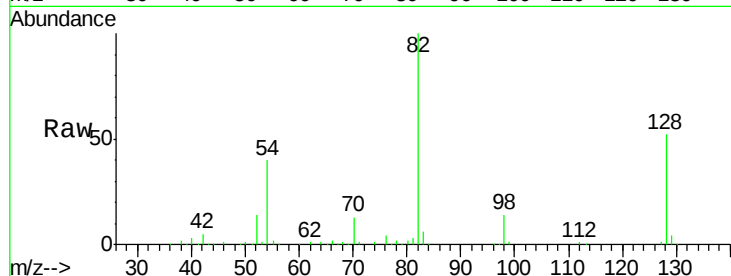
Tot Ion: 82 Resp: 470010

Ion Ratio Lower Upper

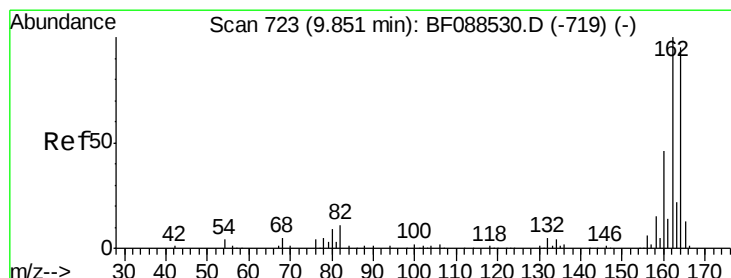
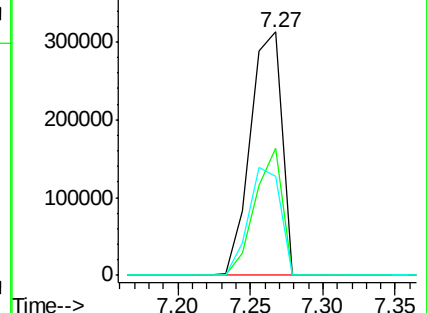
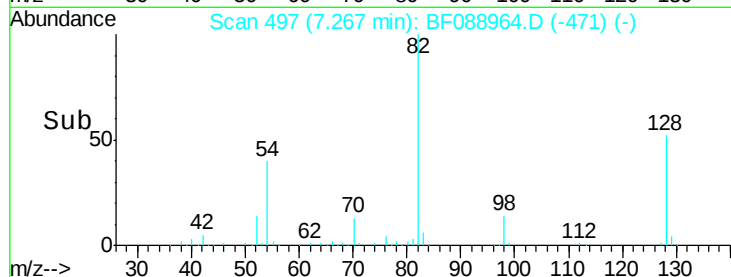
82 100

128 52.0 35.9 53.9

54 40.4 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: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

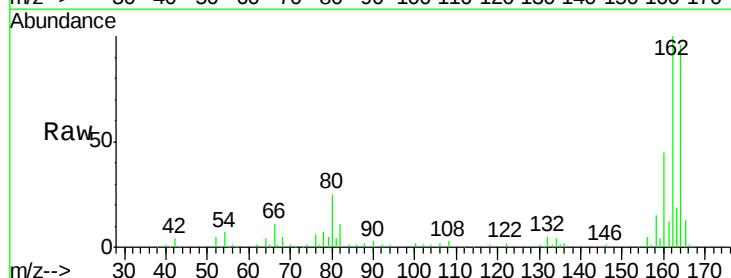
Tgt Ion:164 Resp: 108893

Ion Ratio Lower Upper

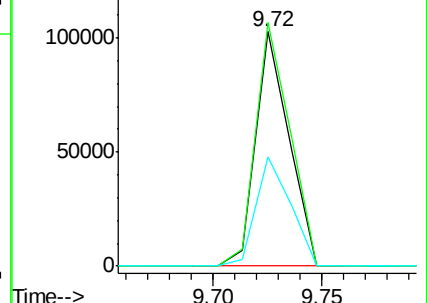
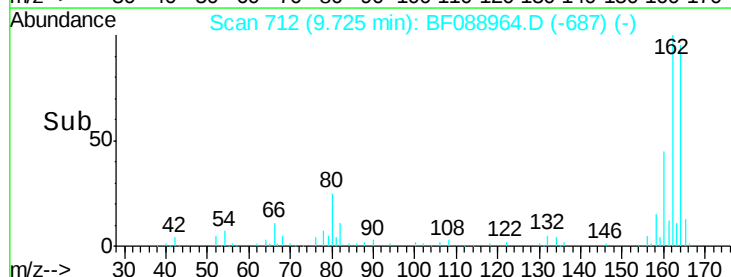
164 100

162 104.0 85.4 128.2

160 46.5 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

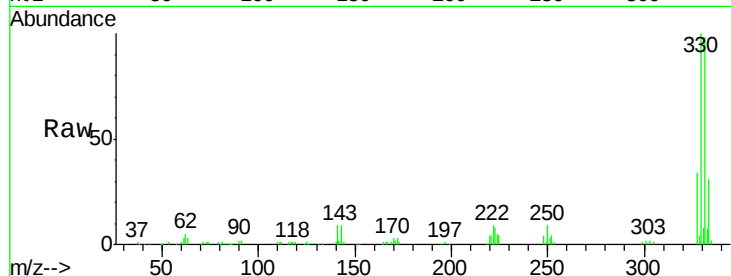




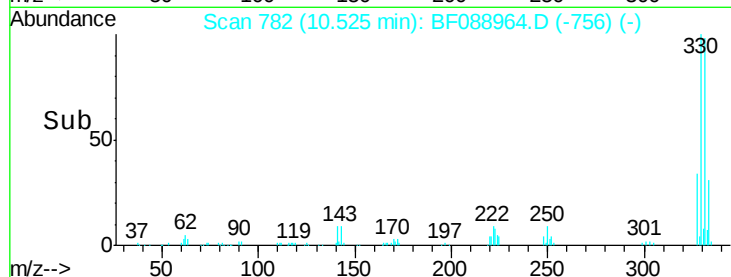
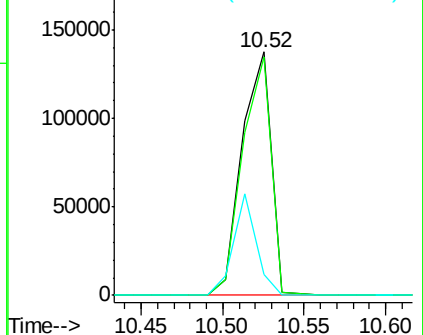
#41
 2,4,6-Tribromophenol
 Concen: 167.83 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF088964.D
 Acq: 13 Jul 2016 18:11

Instrument :
 BNA_F
 ClientSampleId :
 C4.1-07

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	32.6	0.0	0.0#

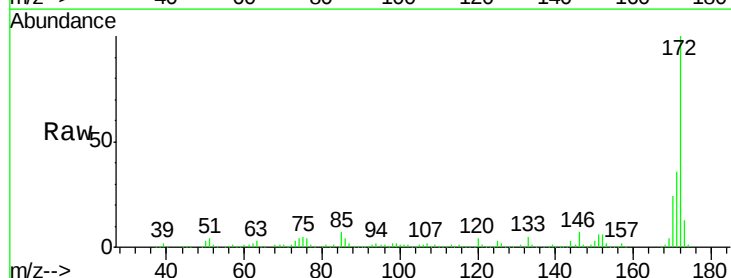


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

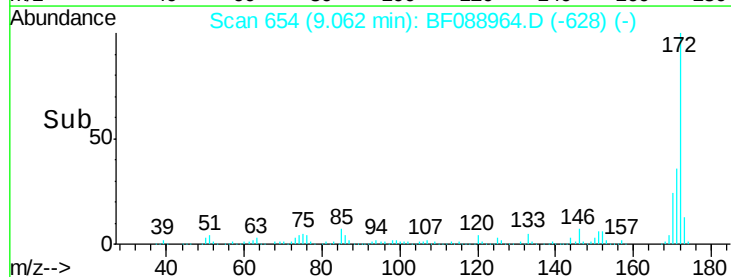
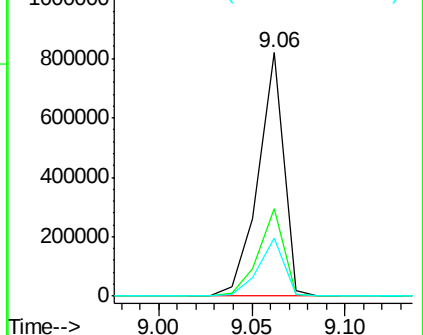


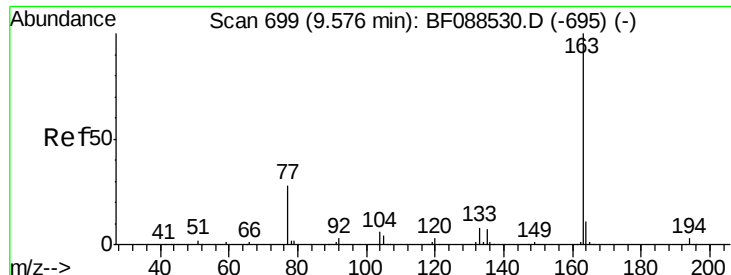
#44
 2-Fluorobiphenyl
 Concen: 112.21 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088964.D
 Acq: 13 Jul 2016 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	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

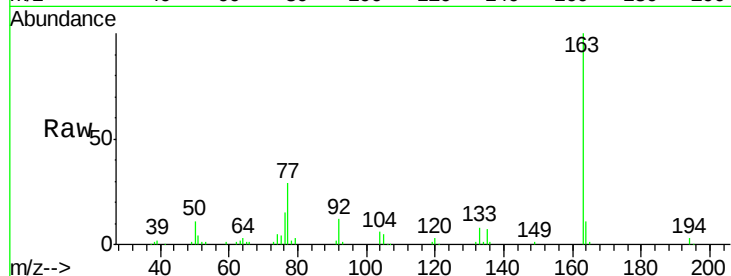




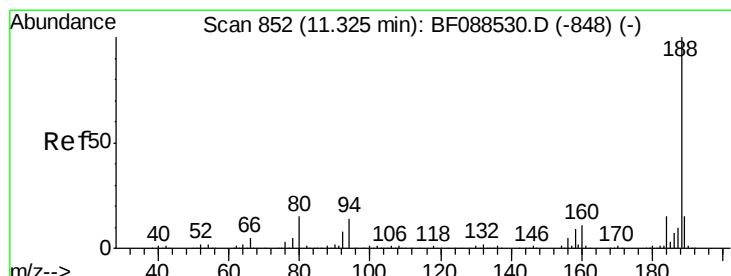
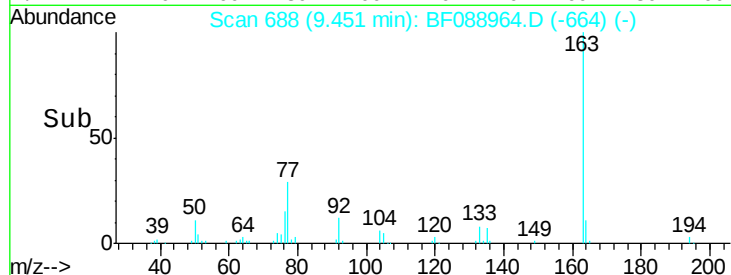
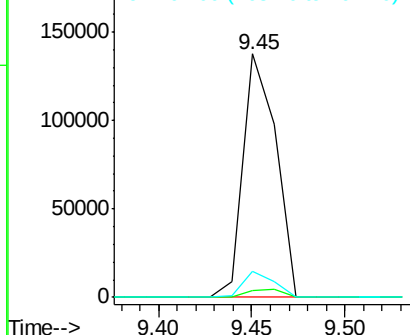
#49
Dimethylphthalate
Concen: 21.66 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088964.D
Acq: 13 Jul 2016 18:11

Instrument :
BNA_F
ClientSampleId :
C4.1-07

Tot Ion:163 Resp: 168049
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 10.7 8.3 12.5

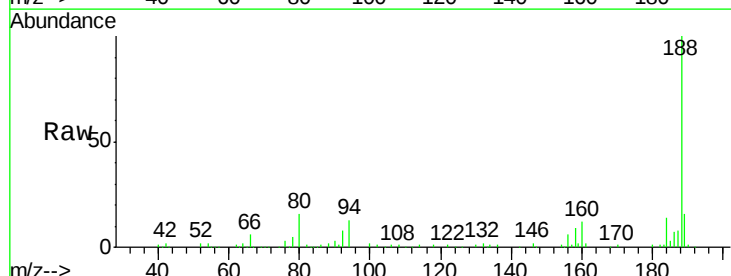


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

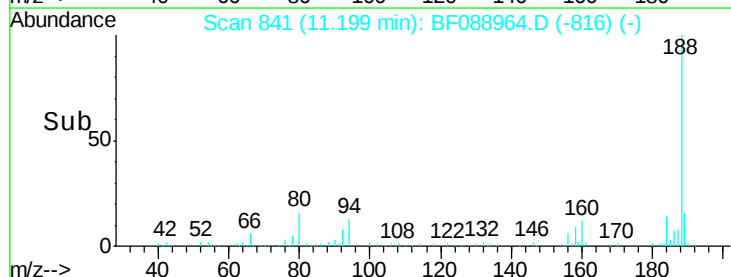
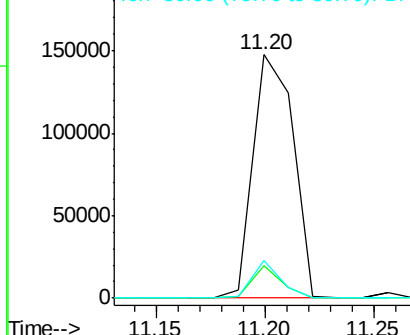


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088964.D
Acq: 13 Jul 2016 18:11

Tgt Ion:188 Resp: 190448
Ion Ratio Lower Upper
188 100
94 13.1 9.0 13.6
80 15.5 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

Instrument :

BNA_F

ClientSampleId :

C4.1-07

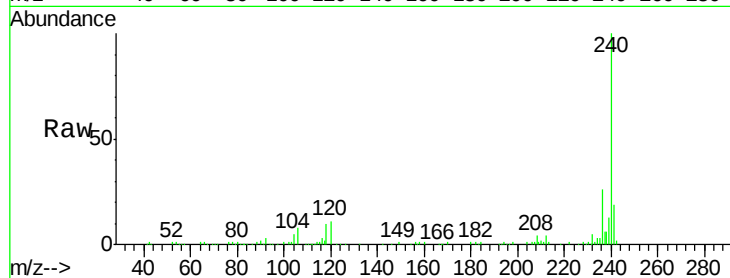
Tot Ion:240 Resp: 131195

Ion Ratio Lower Upper

240 100

120 10.8 6.8 10.2#

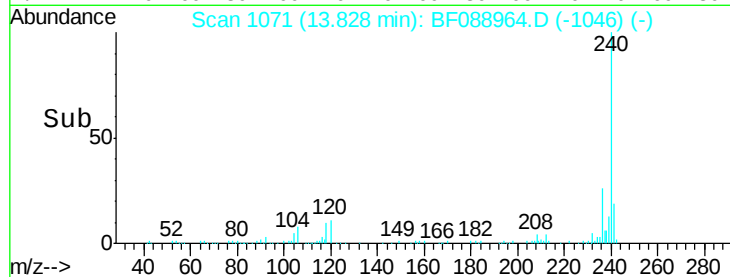
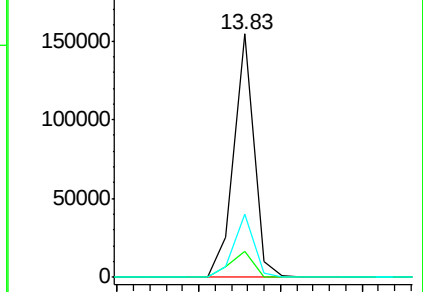
236 25.7 20.2 30.2



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: 88.20 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088964.D

Acq: 13 Jul 2016 18:11

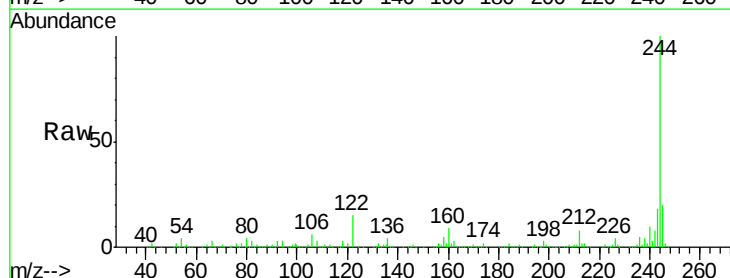
Tgt Ion:244 Resp: 519498

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

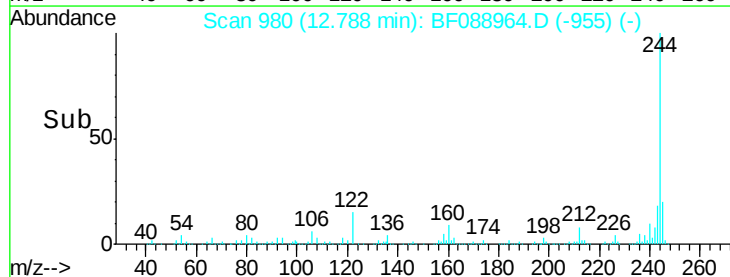
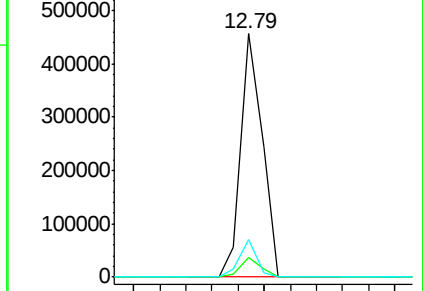
122 15.4 11.2 16.8

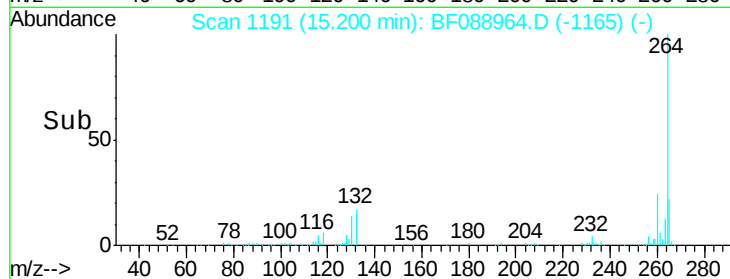
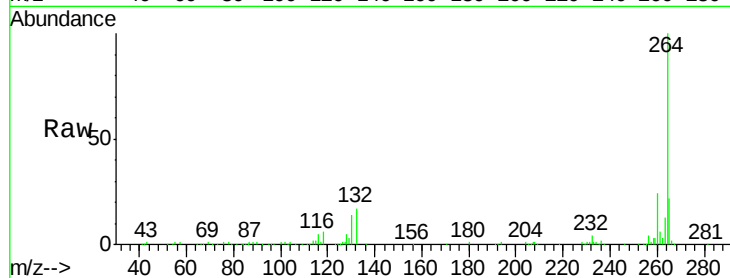
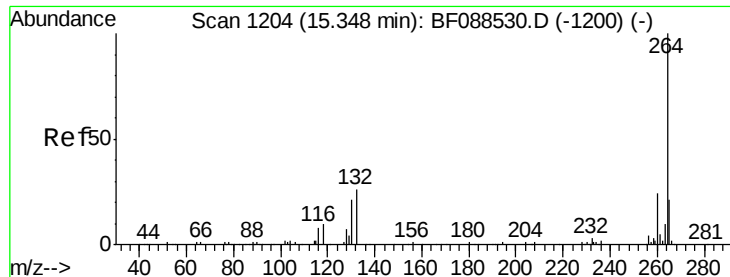


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088964.D

Acq: 13 Jul 2016 18:11

Instrument :

BNA_F

ClientSampleId :

C4.1-07

Tot Ion:264 Resp: 129767

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.5 16.9 25.3

