

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080164.D
 Acq On : 25 Jun 2015 14:20
 Operator : TP/IZ
 Sample : PB84184TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84184TB

Quant Time: Jun 26 01:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

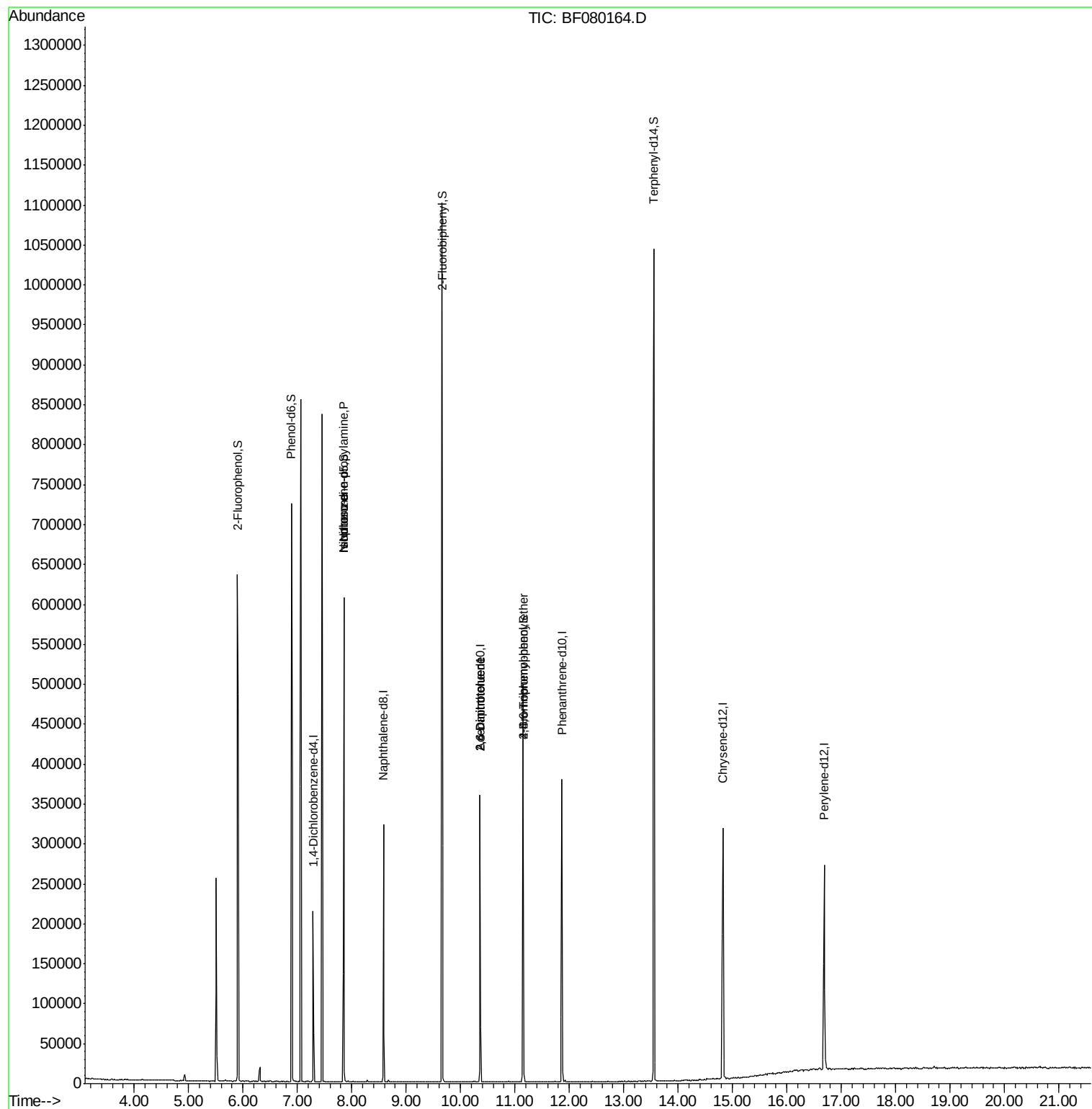
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31270	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	131879	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	67970	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	136042	20.00	ng	0.00
75) Chrysene-d12	14.83	240	145018	20.00	ng	0.00
86) Perylene-d12	16.69	264	142371	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	228808	129.53	ng	0.00
7) Phenol-d6	6.89	99	277281	117.96	ng	-0.01
23) Nitrobenzene-d5	7.85	82	180144	79.52	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	74084	111.46	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	341932	71.74	ng	-0.01
78) Terphenyl-d14	13.56	244	460249	74.12	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	22663	13.89	ng	# 58
25) Isophorone	7.85	82	149450	32.78	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	8436	8.23	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	8434	6.49	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	4964	3.43	ng	# 1

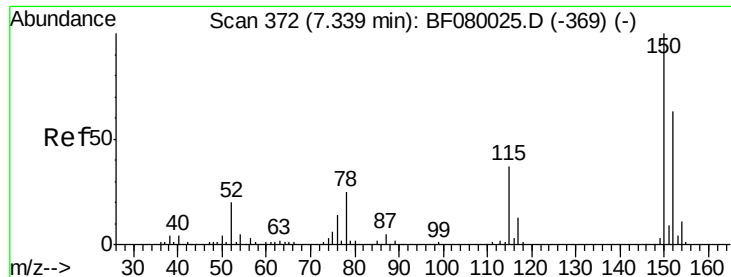
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB84184TB

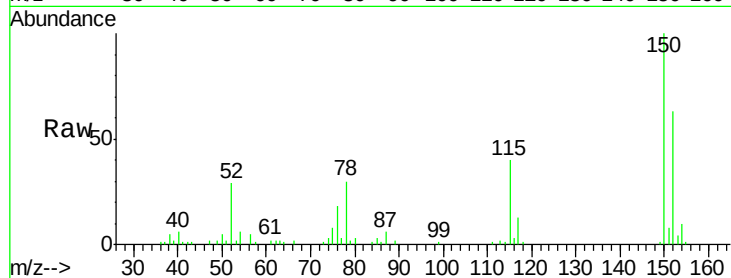
Tgt Ion:152 Resp: 31270

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

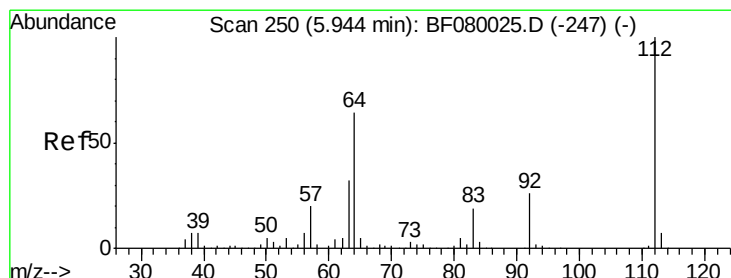
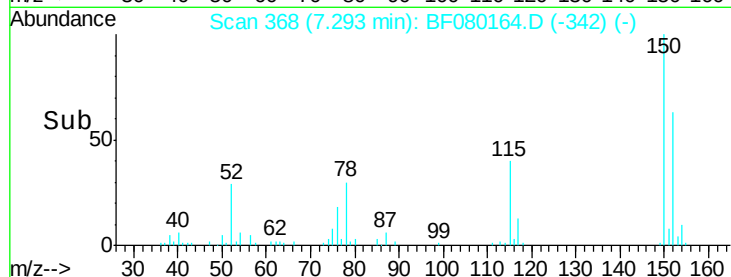
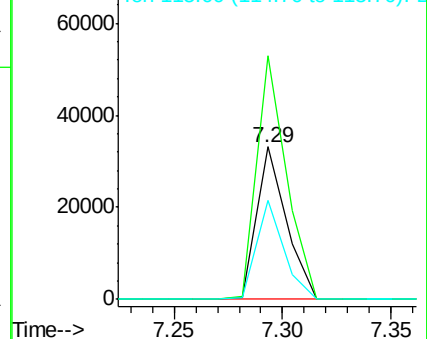
115 64.6 39.0 58.4#



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: 129.53 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

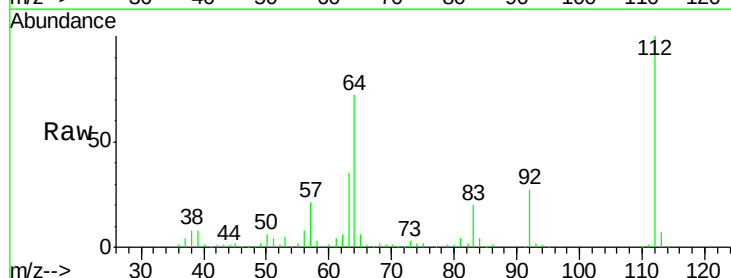
Tgt Ion:112 Resp: 228808

Ion Ratio Lower Upper

112 100

64 72.0 39.7 59.5#

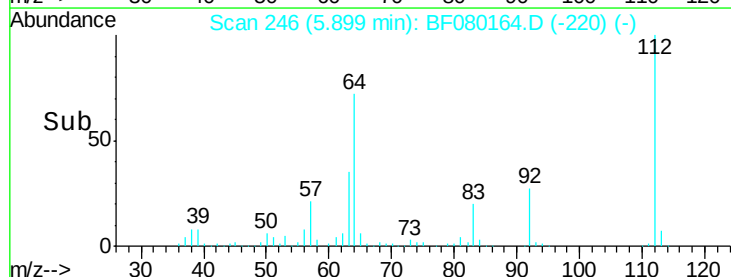
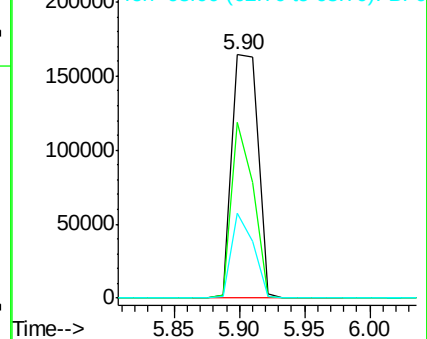
63 34.9 17.4 26.0#

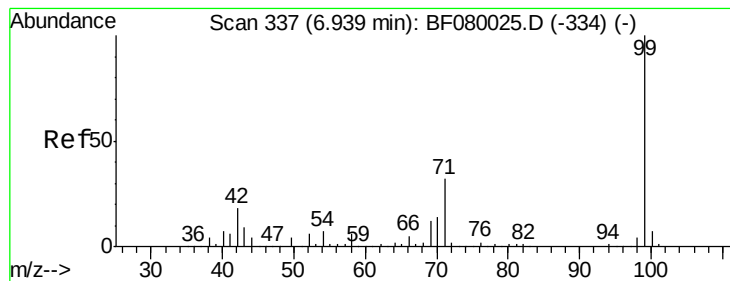


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.96 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB84184TB

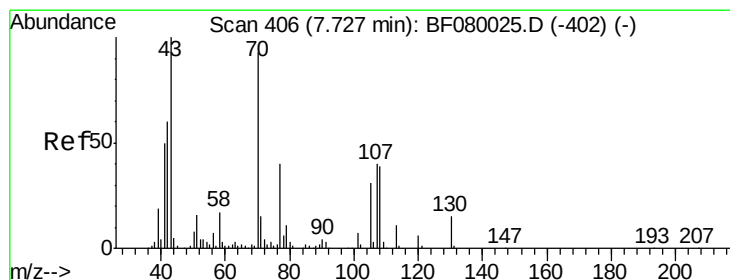
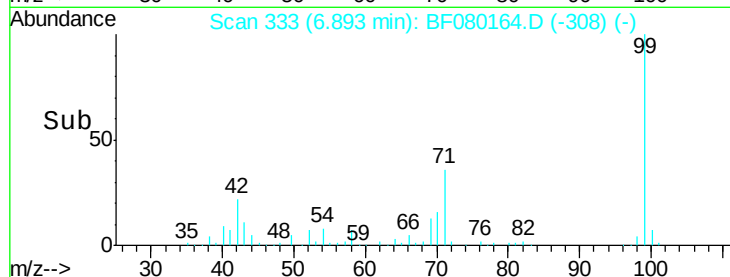
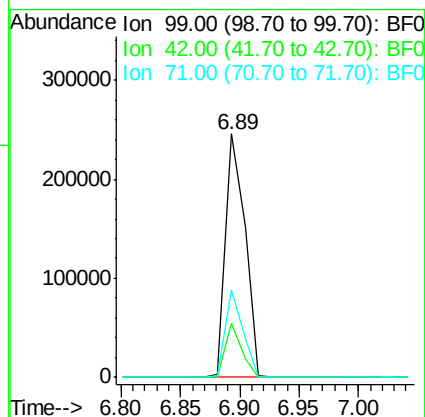
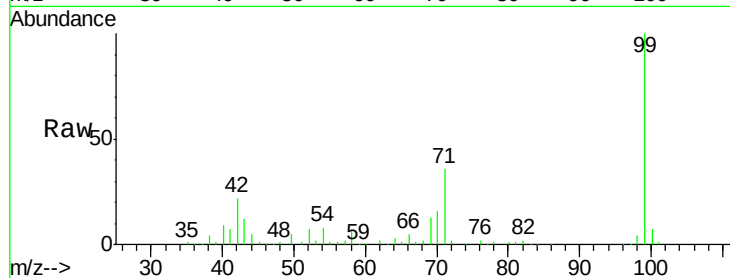
Tgt Ion: 99 Resp: 277281

Ion Ratio Lower Upper

99 100

42 22.1 13.7 20.5#

71 35.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.89 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.16 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

Tgt Ion: 70 Resp: 22663

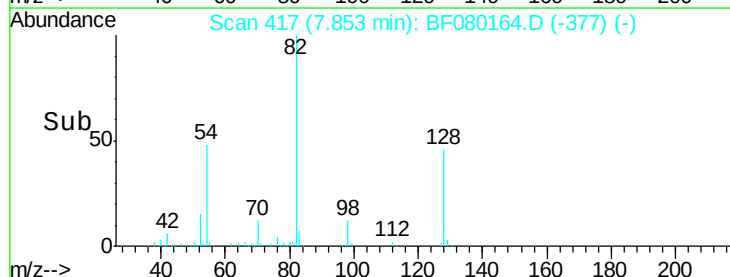
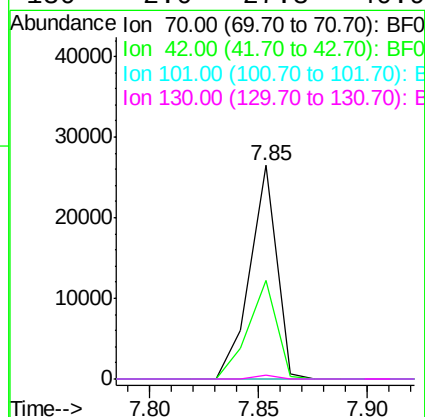
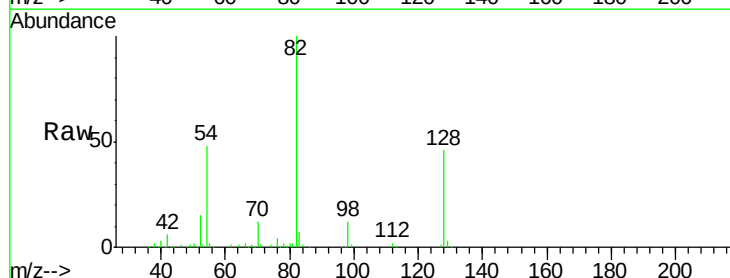
Ion Ratio Lower Upper

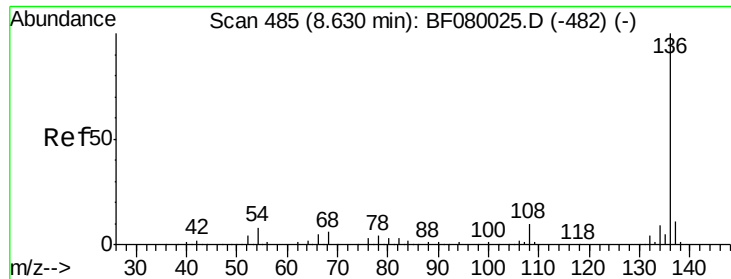
70 100

42 46.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

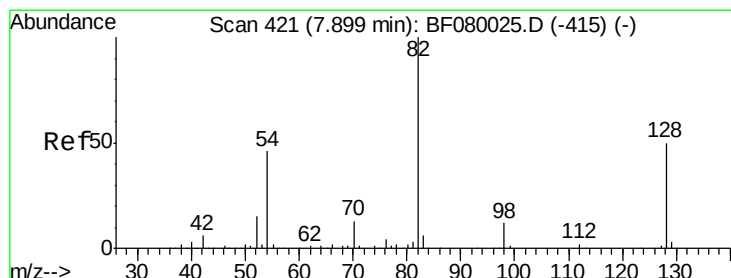
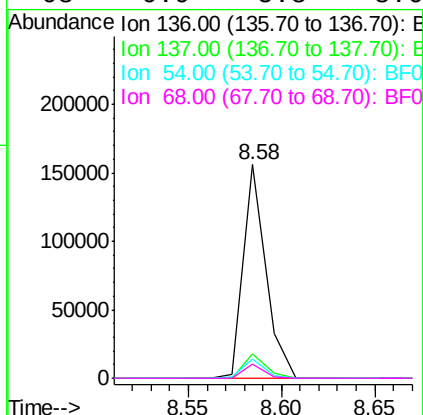
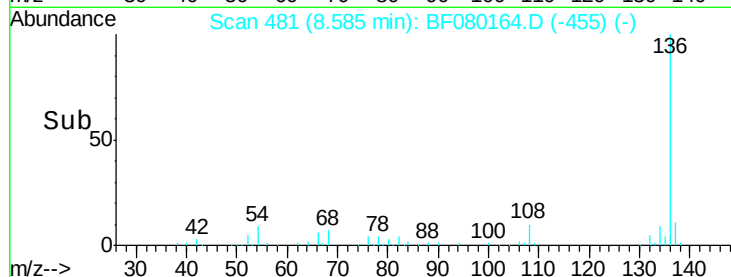
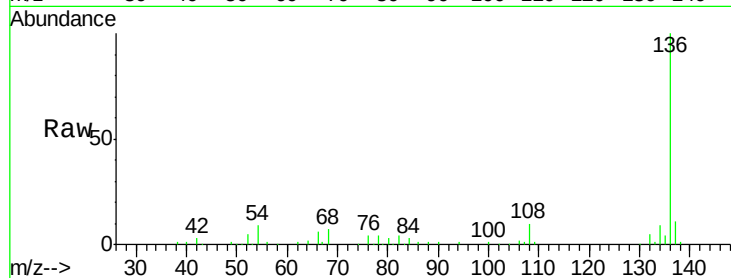




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF080164.D
Acq: 25 Jun 2015 14:20

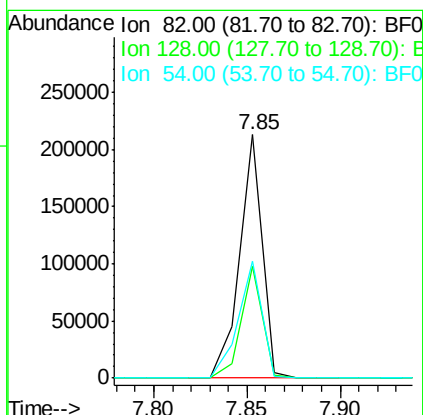
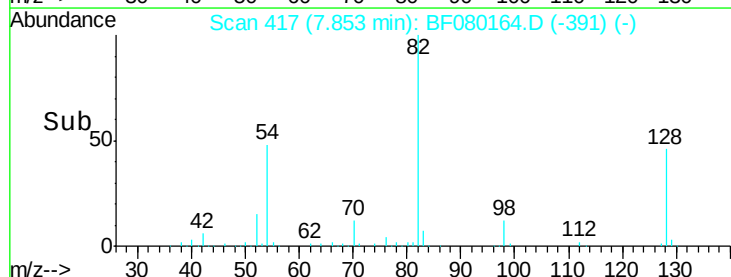
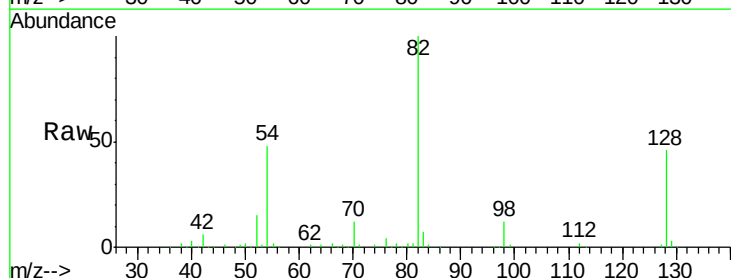
Instrument :
BNA_F
ClientSampleId :
PB84184TB

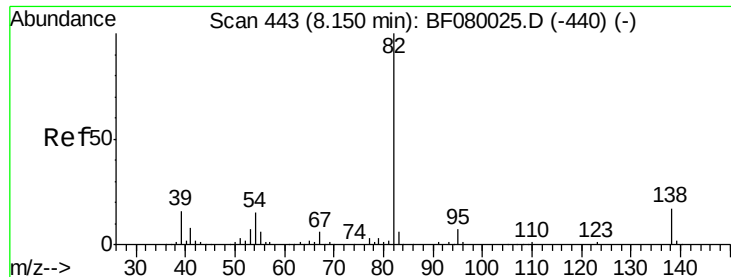
Tgt Ion:	136	Resp:	131879
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.2	8.2	12.2
68	6.9	5.8	8.6



#23
Nitrobenzene-d5
Concen: 79.52 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080164.D
Acq: 25 Jun 2015 14:20

Tgt Ion:	82	Resp:	180144
Ion	Ratio	Lower	Upper
82	100		
128	46.0	51.0	76.6#
54	48.0	47.5	71.3





#25

Isophorone

Concen: 32.78 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.26 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB84184TB

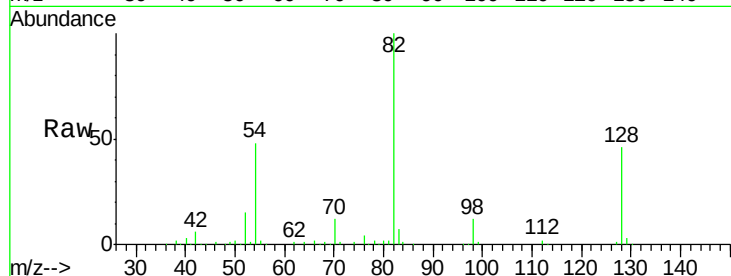
Tgt Ion: 82 Resp: 149450

Ion Ratio Lower Upper

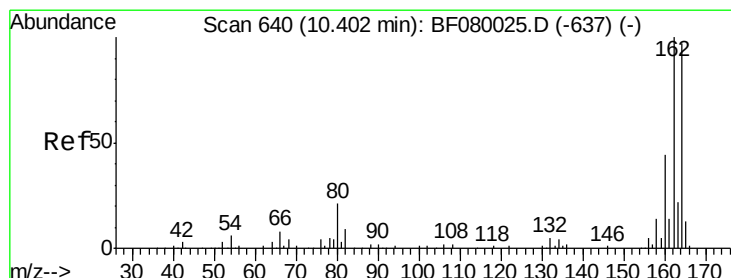
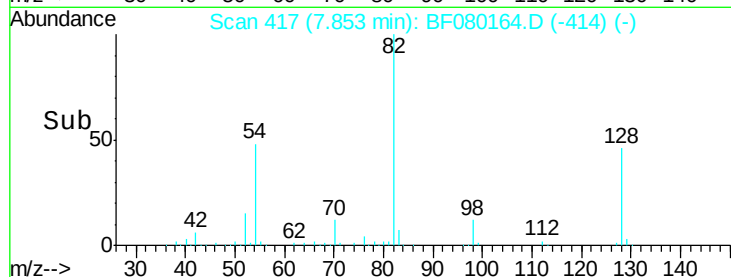
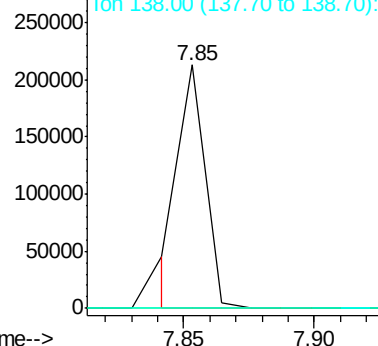
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

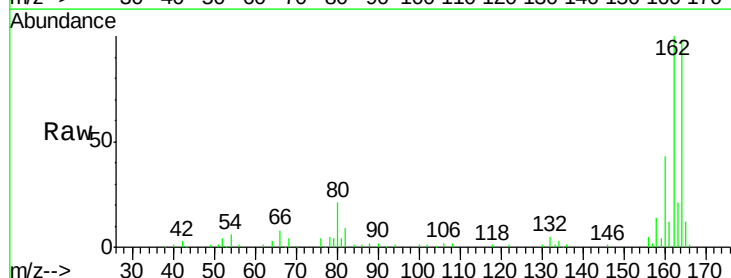
Tgt Ion: 164 Resp: 67970

Ion Ratio Lower Upper

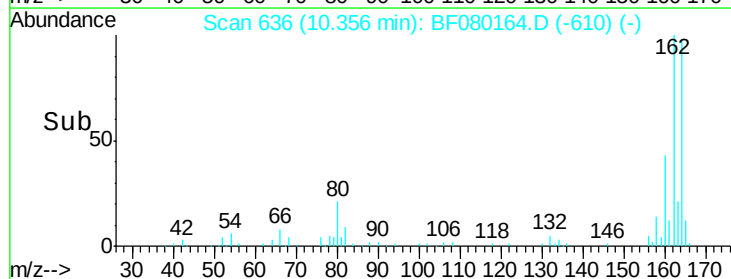
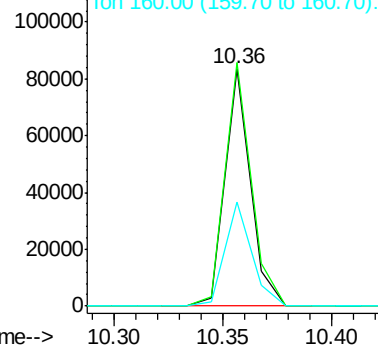
164 100

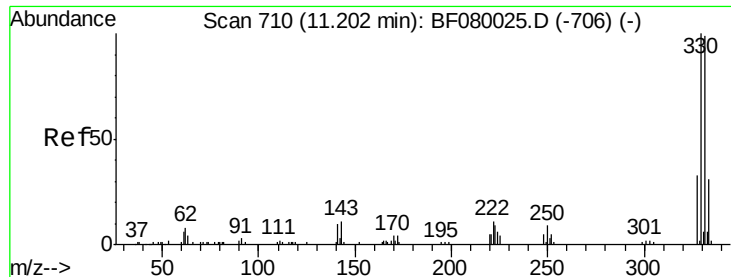
162 102.5 75.2 112.8

160 43.7 31.5 47.3



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

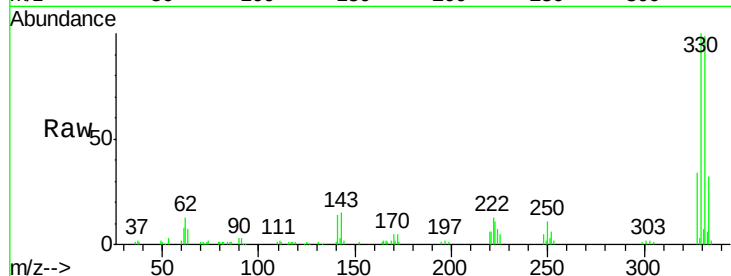




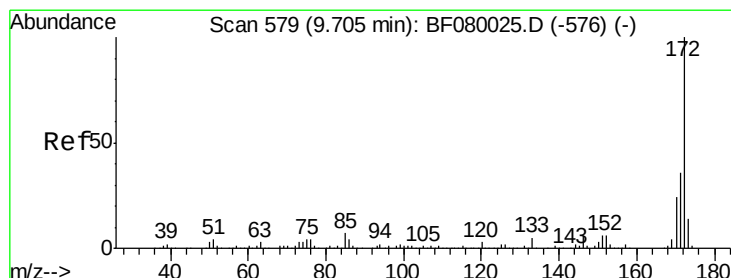
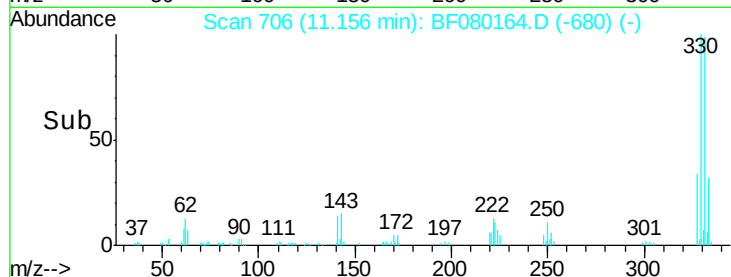
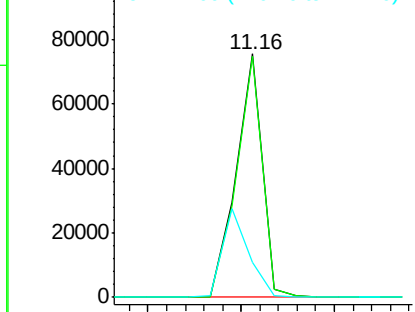
#41
 2,4,6-Tribromophenol
 Concen: 111.46 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB84184TB

Tgt Ion:330 Resp: 74084
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 36.4 29.7 44.5

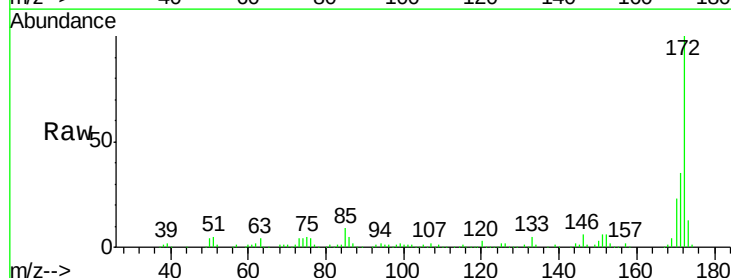


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

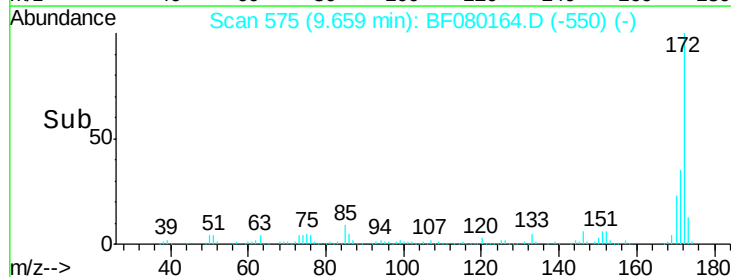
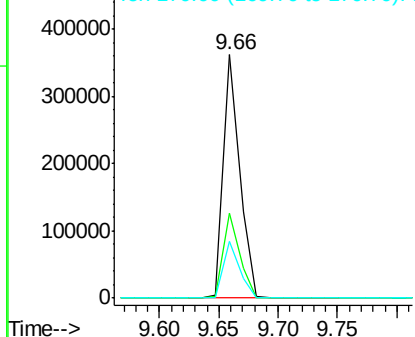


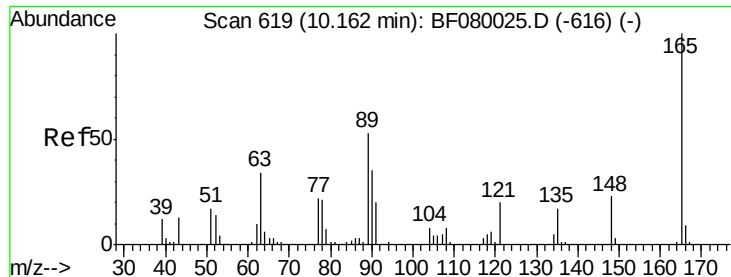
#44
 2-Fluorobiphenyl
 Concen: 71.74 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Tgt Ion:172 Resp: 341932
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.1 39.1
 170 23.2 17.4 26.2



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

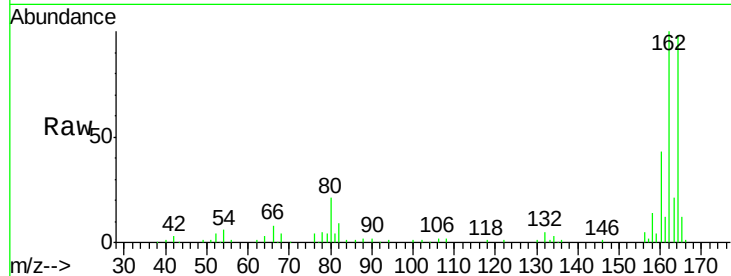




#50
 2,6-Dinitrotoluene
 Concen: 8.23 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.23 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Instrument :
 BNA_F
 ClientSampled :
 PB84184TB

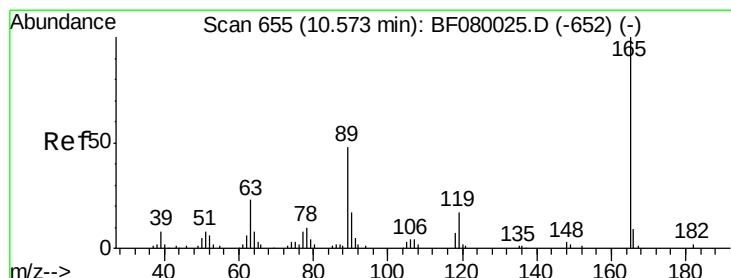
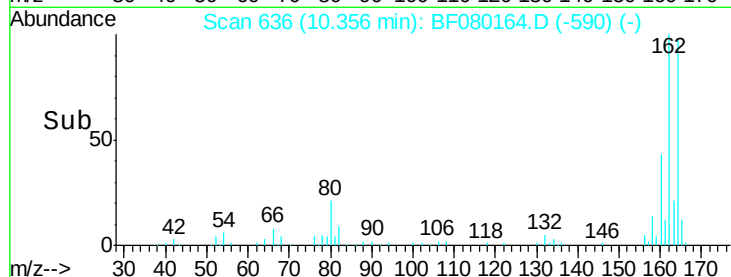
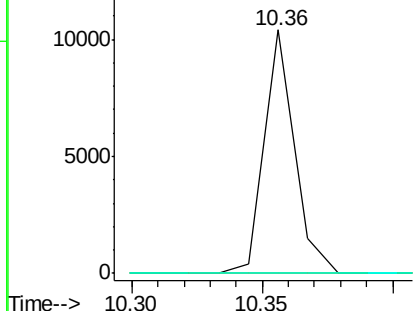
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.49 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.17 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

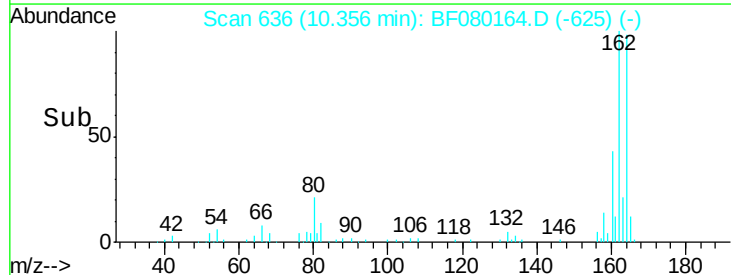
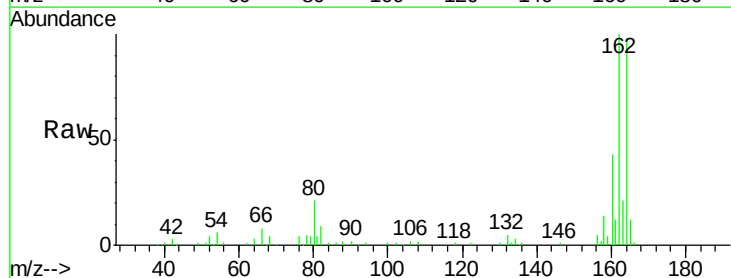
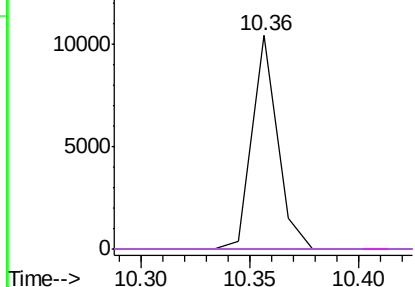
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

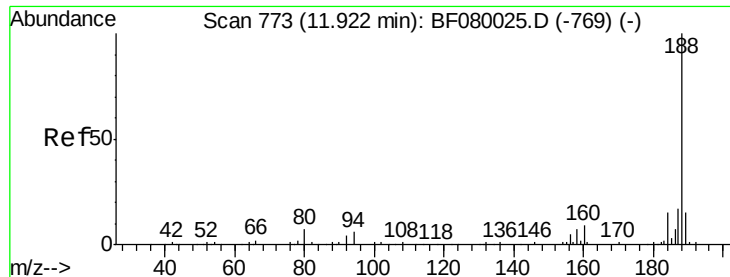
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

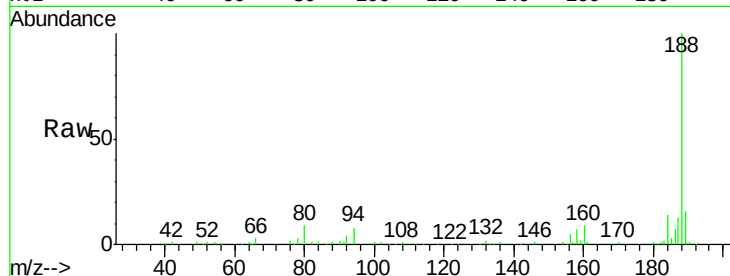




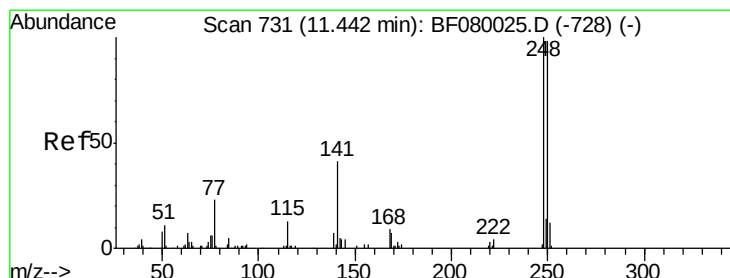
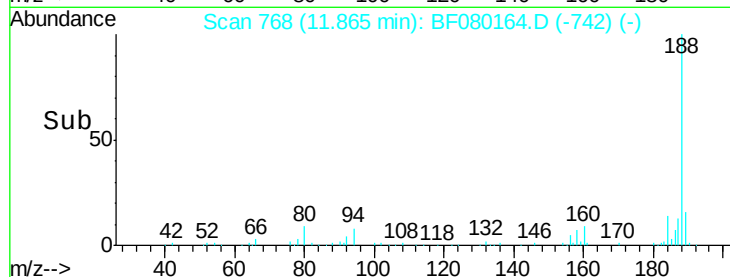
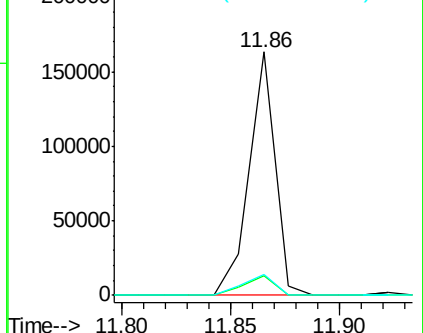
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB84184TB

Tgt Ion:188 Resp: 136042
 Ion Ratio Lower Upper
 188 100
 94 8.1 11.1 16.7#
 80 8.6 11.0 16.4#

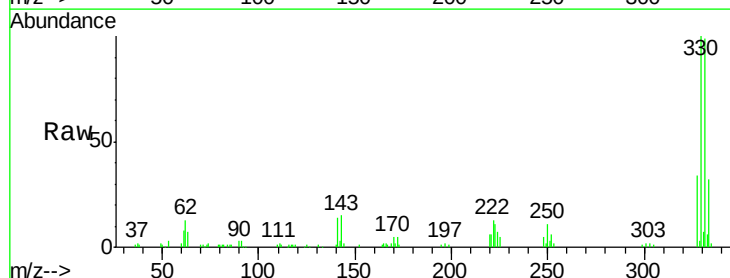


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

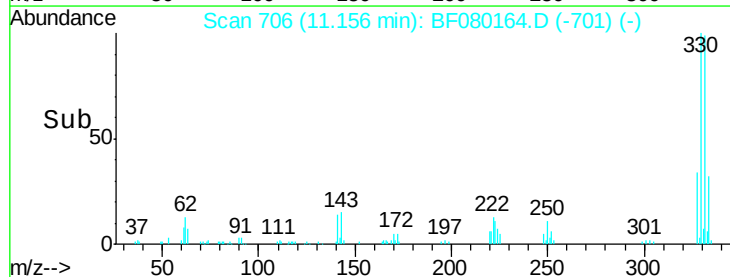
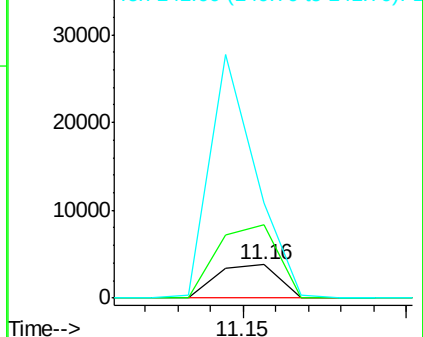


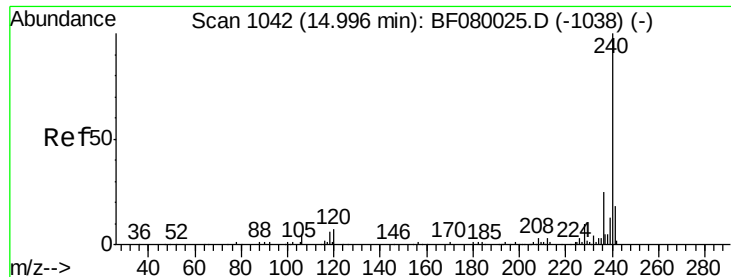
#66
 4-Bromophenyl-phenylether
 Concen: 3.43 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.24 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Tgt Ion:248 Resp: 4964
 Ion Ratio Lower Upper
 248 100
 250 222.2 78.5 117.7#
 141 284.8 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

Instrument :

BNA_F

ClientSampleId :

PB84184TB

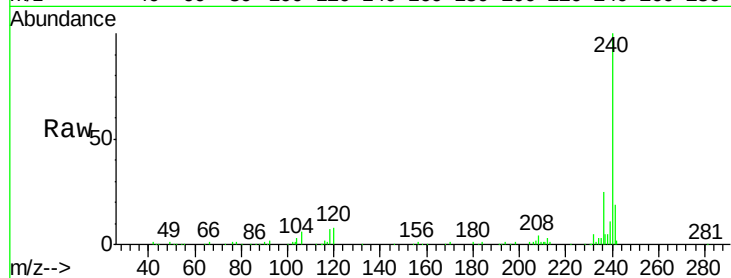
Tgt Ion:240 Resp: 145018

Ion Ratio Lower Upper

240 100

120 8.0 16.2 24.2#

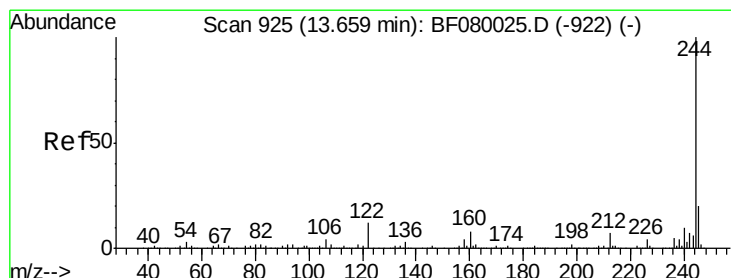
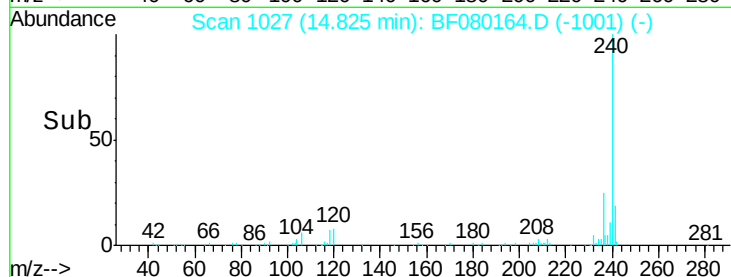
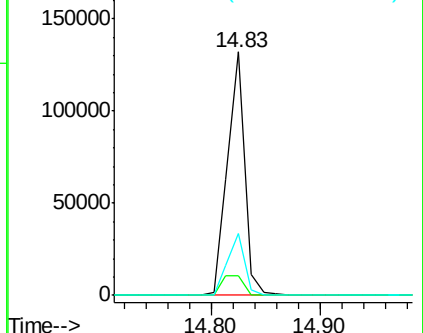
236 25.4 18.4 27.6



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: 74.12 ng

RT: 13.56 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

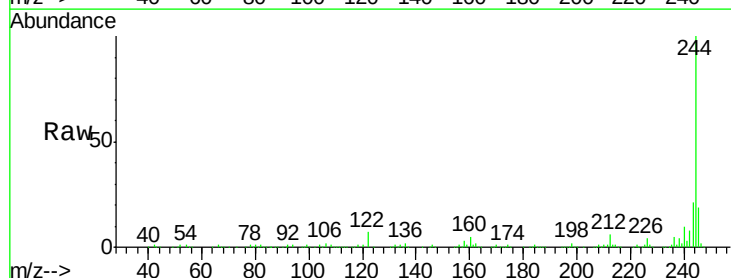
Tgt Ion:244 Resp: 460249

Ion Ratio Lower Upper

244 100

212 6.2 4.3 6.5

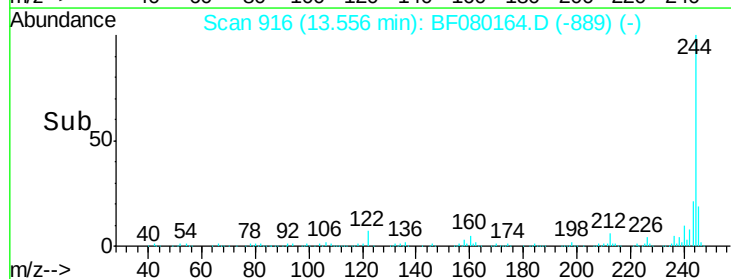
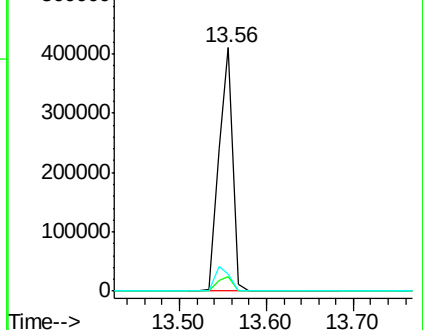
122 7.1 17.4 26.2#

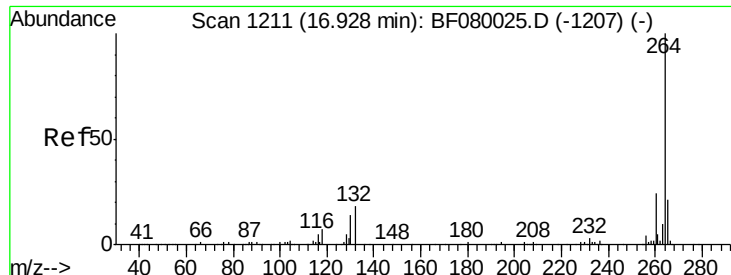


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



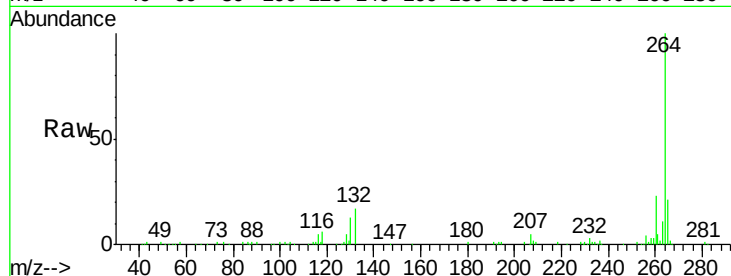


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.69 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF080164.D
Acq: 25 Jun 2015 14:20

Instrument :
BNA_F
ClientSampleId :
PB84184TB

Tgt Ion: 264 Resp: 142371

Ion	Ratio	Lower	Upper
264	100		
260	22.9	16.7	25.1
265	20.6	17.2	25.8



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

