

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080236.D
 Acq On : 30 Jun 2015 15:10
 Operator : TP/IZ
 Sample : PB84270BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BL

Quant Time: Jul 01 01:16:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

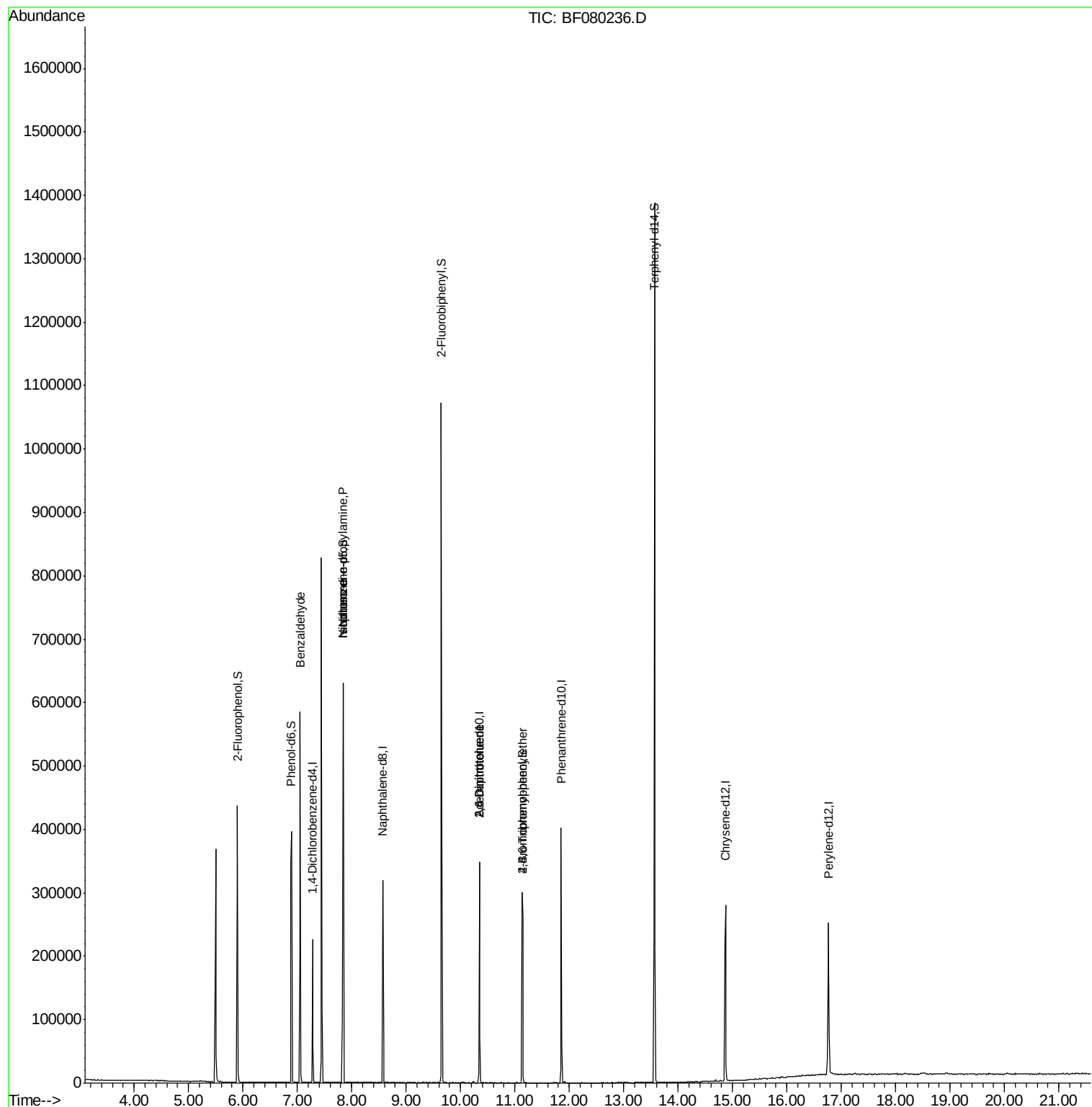
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	32954	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	131994	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	66620	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	141295	20.00	ng	-0.06
75) Chrysene-d12	14.87	240	147679	20.00	ng	-0.13
86) Perylene-d12	16.77	264	143092	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	155382	83.47	ng	-0.03
7) Phenol-d6	6.89	99	191970	77.49	ng	-0.03
23) Nitrobenzene-d5	7.84	82	179366	79.11	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	47421	72.79	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	346318	74.13	ng	-0.05
78) Terphenyl-d14	13.57	244	436598	69.05	ng	-0.10
Target Compounds						
9) Benzaldehyde	7.05	77	3403	2.38	ng	# 72
19) n-Nitroso-di-n-propylamine	7.84	70	22863	13.29	ng	# 58
25) Isophorone	7.84	82	179397	39.32	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	8288	8.25	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	8289	6.51	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	3377	2.25	ng	# 1

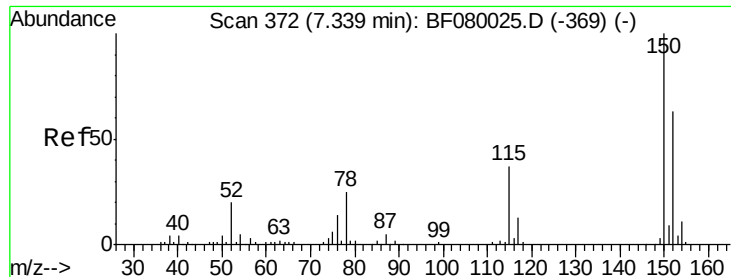
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080236.D

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Instrument :

BNA_F

ClientSampleId :

PB84270BL

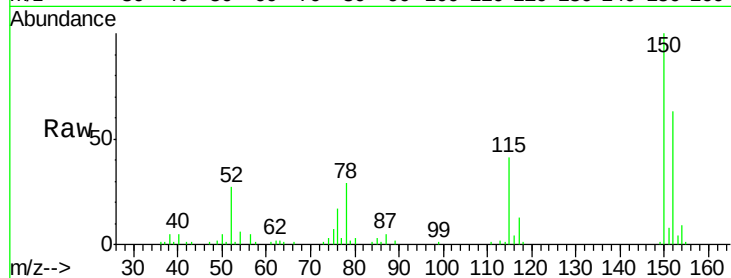
Tgt Ion:152 Resp: 32954

Ion Ratio Lower Upper

152 100

150 158.9 124.7 187.1

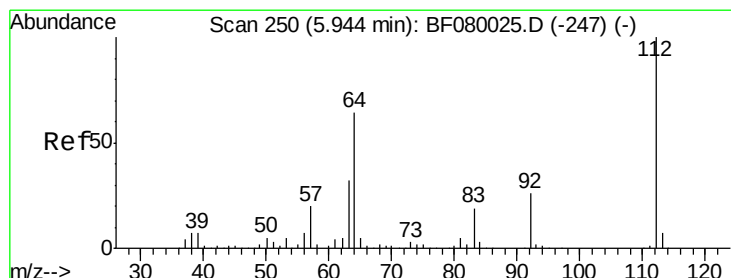
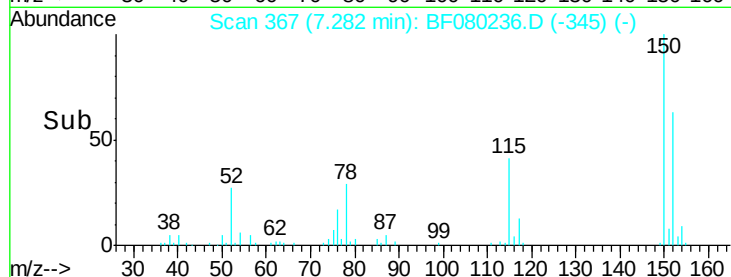
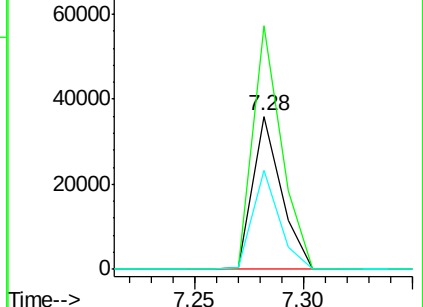
115 64.5 39.0 58.4#



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: 83.47 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080236.D

Acq: 30 Jun 2015 15:10

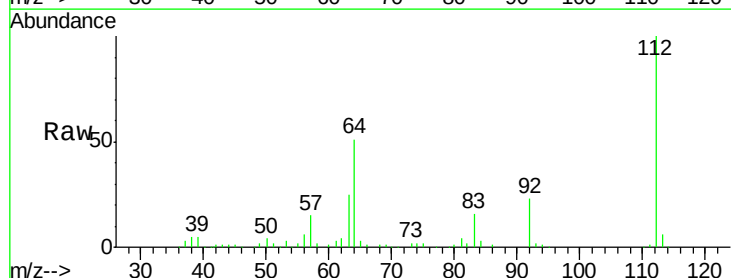
Tgt Ion:112 Resp: 155382

Ion Ratio Lower Upper

112 100

64 50.6 39.7 59.5

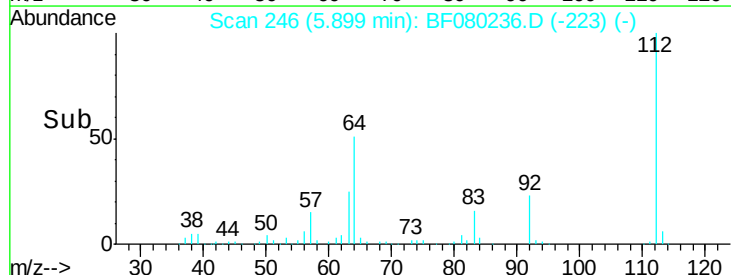
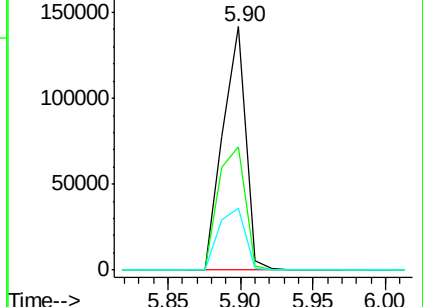
63 25.2 17.4 26.0

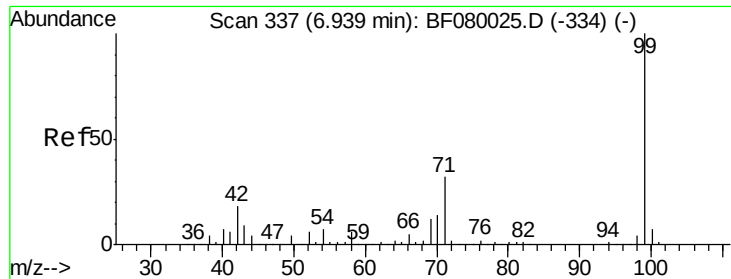


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 77.49 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080236.D

Acq: 30 Jun 2015 15:10

Instrument :

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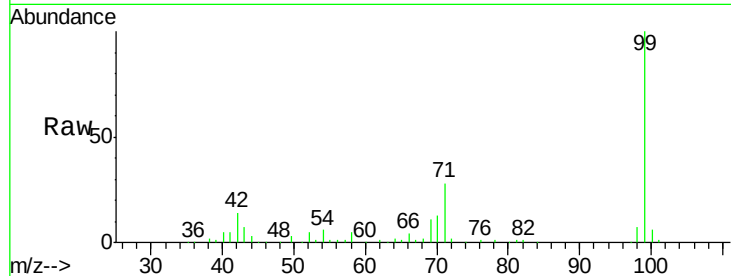
Tgt Ion: 99 Resp: 191970

Ion Ratio Lower Upper

99 100

42 13.8 13.7 20.5

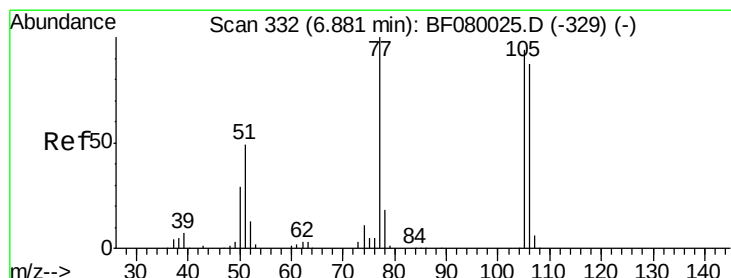
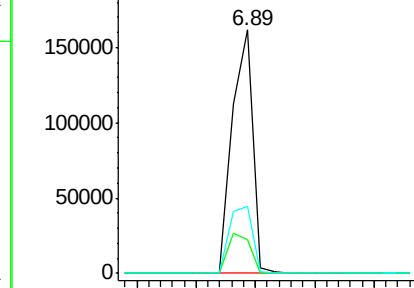
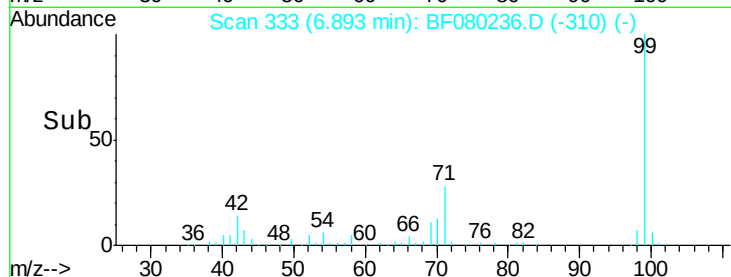
71 27.7 14.2 21.2#



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



#9

Benzaldehyde

Concen: 2.38 ng

RT: 7.05 min Scan# 347

Delta R.T. 0.18 min

Lab File: BF080236.D

Acq: 30 Jun 2015 15:10

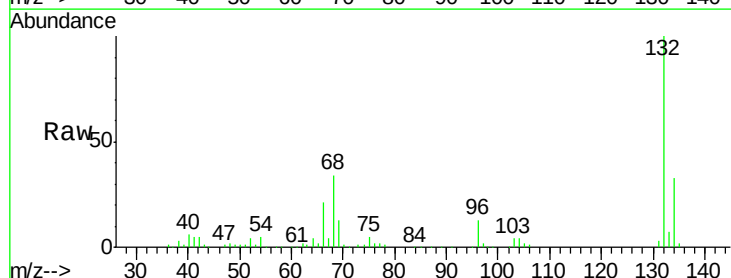
Tgt Ion: 77 Resp: 3403

Ion Ratio Lower Upper

77 100

105 93.6 91.6 131.6

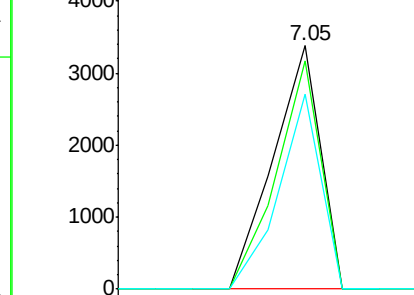
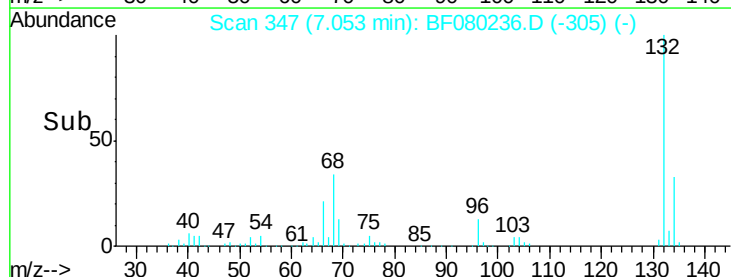
106 79.9 102.6 142.6#

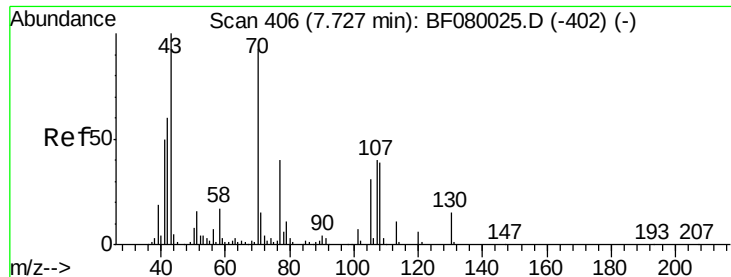


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

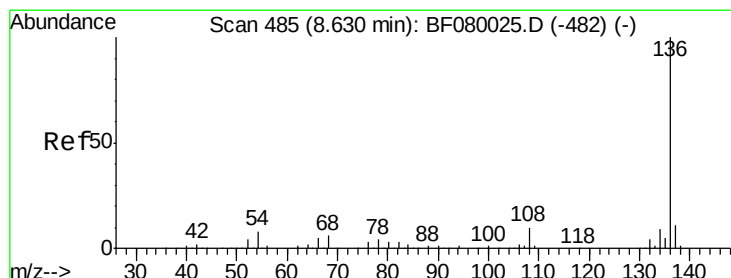
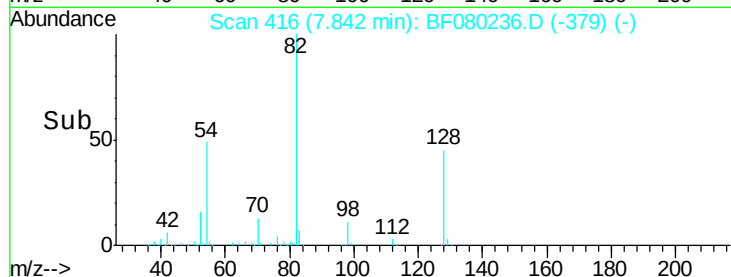
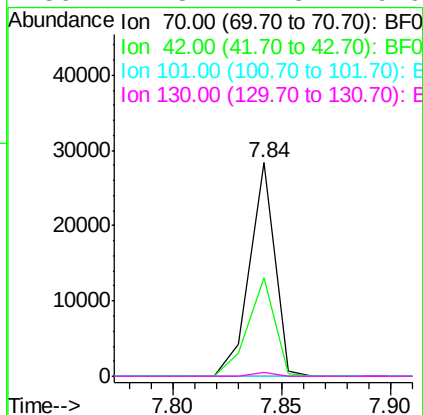
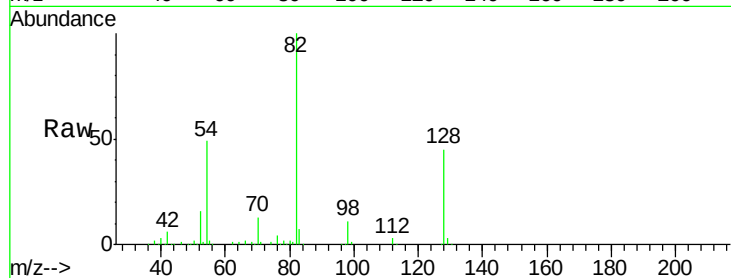




#19
n-Nitroso-di-n-propylamine
Concen: 13.29 ng
RT: 7.84 min Scan# 416
Delta R.T. 0.13 min
Lab File: BF080236.D
Acq: 30 Jun 2015 15:10

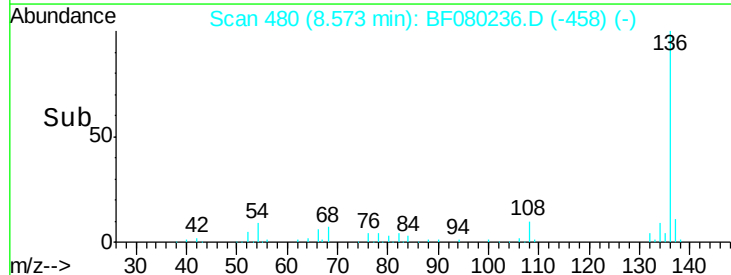
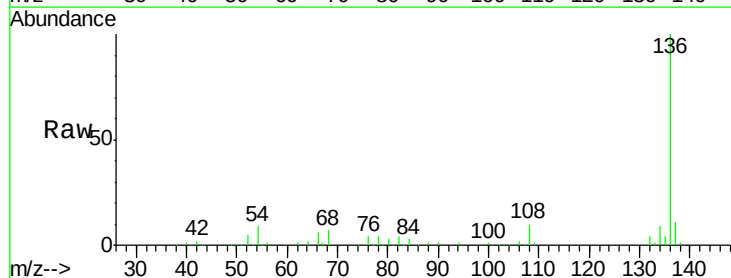
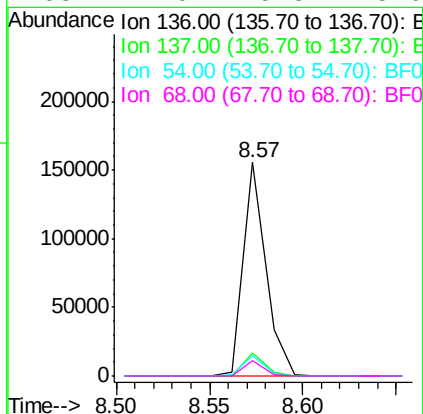
Instrument :
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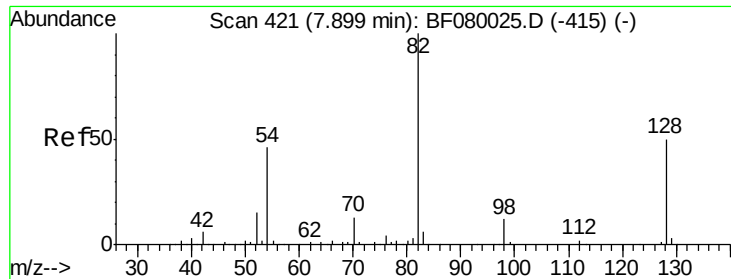
Tgt Ion: 70 Resp: 22863
Ion Ratio Lower Upper
70 100
42 46.3 63.8 95.6#
101 0.0 9.2 13.8#
130 1.8 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080236.D
Acq: 30 Jun 2015 15:10

Tgt Ion: 136 Resp: 131994
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.5 8.2 12.2
68 7.0 5.8 8.6

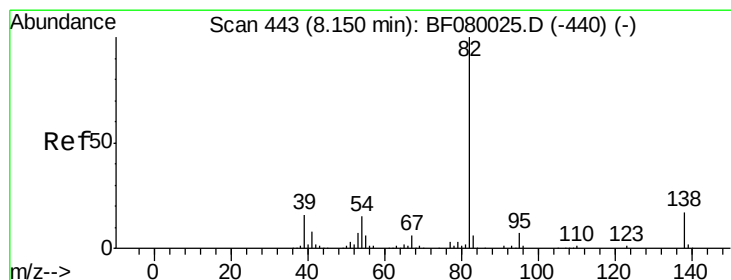
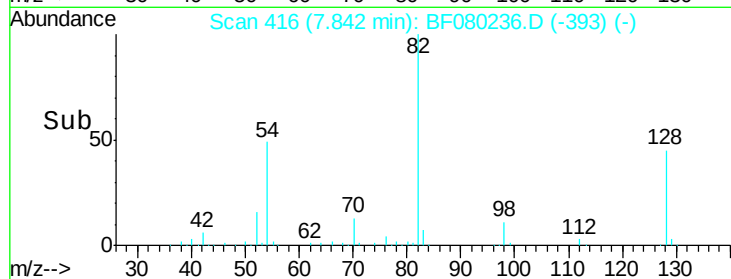
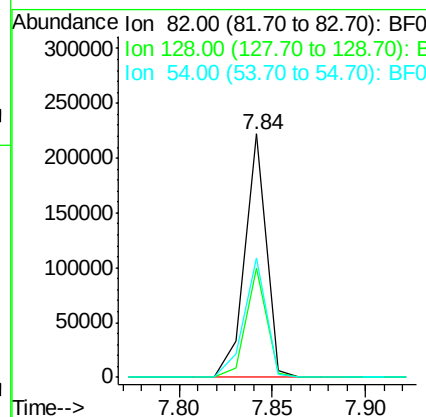
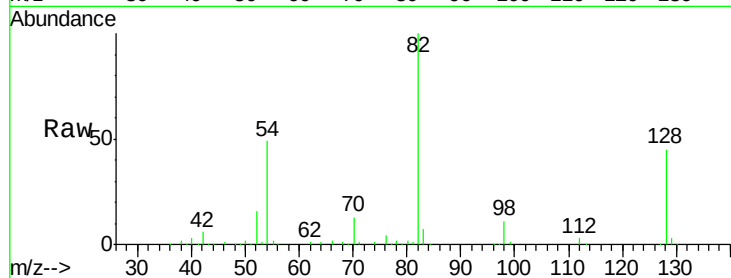




#23
 Nitrobenzene-d5
 Concen: 79.11 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080236.D
 Acq: 30 Jun 2015 15:10

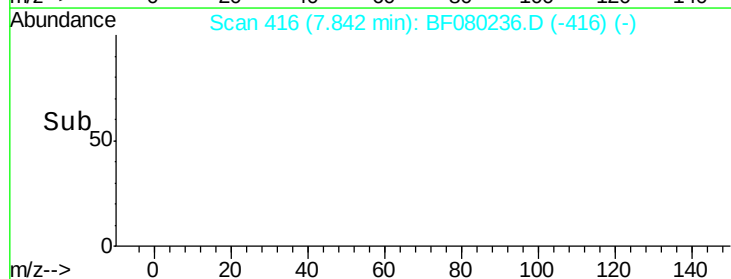
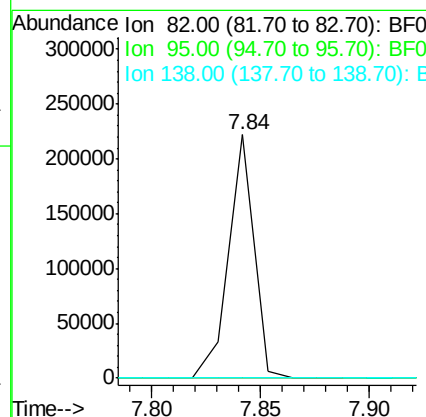
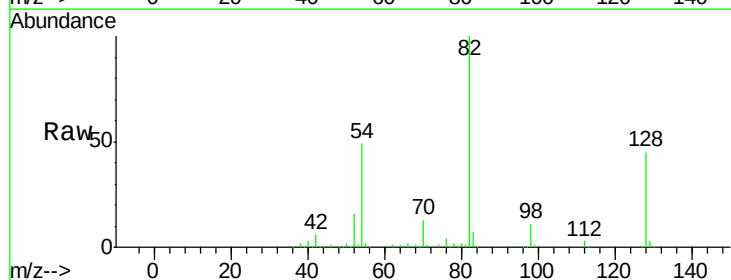
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BL

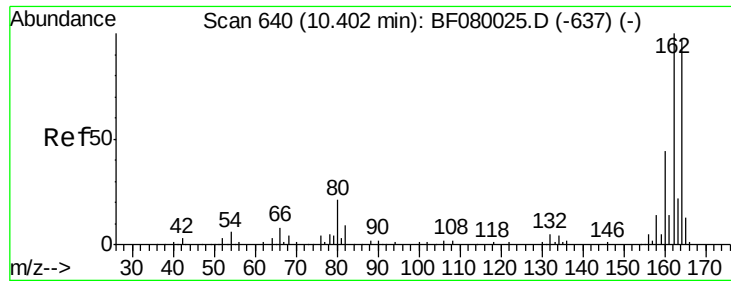
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	51.0	76.6#
54	48.8	47.5	71.3



#25
 Isophorone
 Concen: 39.32 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.30 min
 Lab File: BF080236.D
 Acq: 30 Jun 2015 15:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

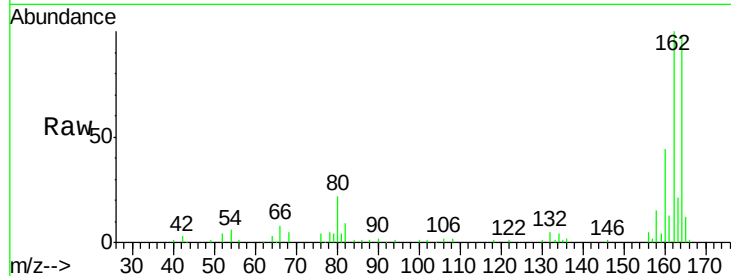




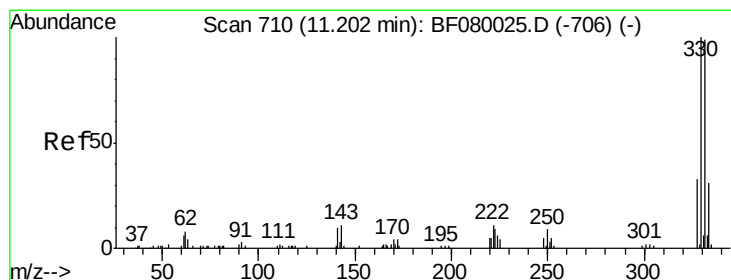
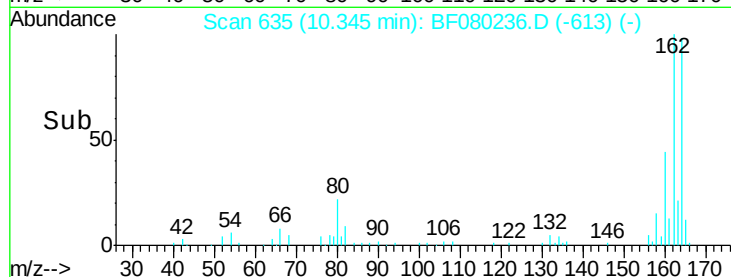
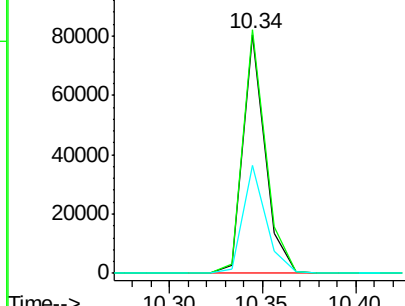
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080236.D
 Acq: 30 Jun 2015 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BL

Tgt Ion:164 Resp: 66620
 Ion Ratio Lower Upper
 164 100
 162 102.0 75.2 112.8
 160 45.2 31.5 47.3

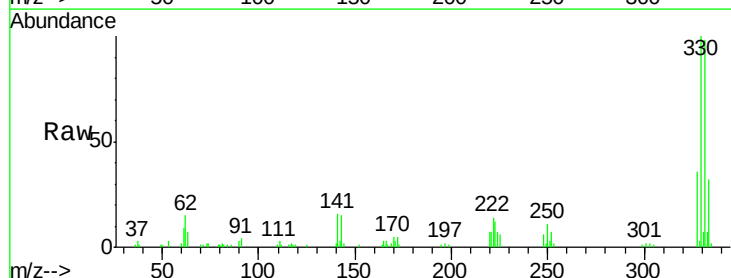


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

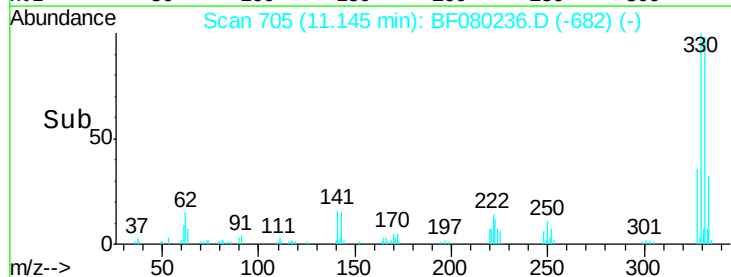
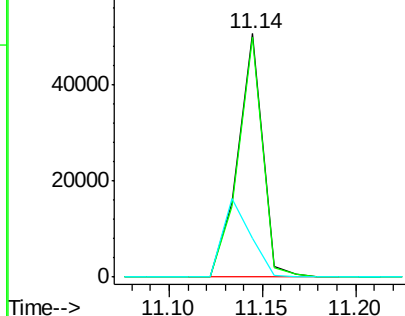


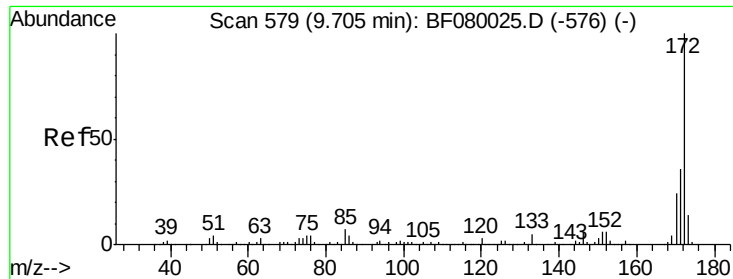
#41
 2,4,6-Tribromophenol
 Concen: 72.79 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080236.D
 Acq: 30 Jun 2015 15:10

Tgt Ion:330 Resp: 47421
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 36.0 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

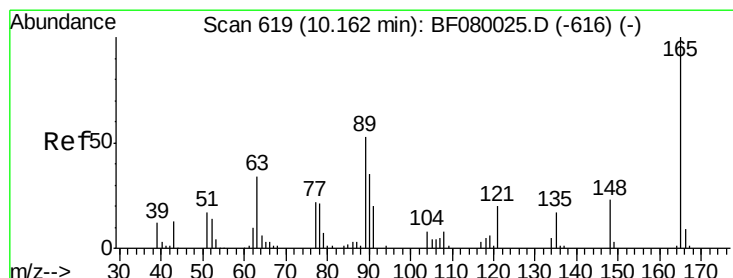
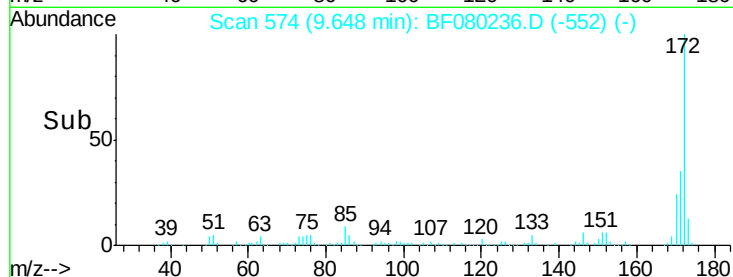
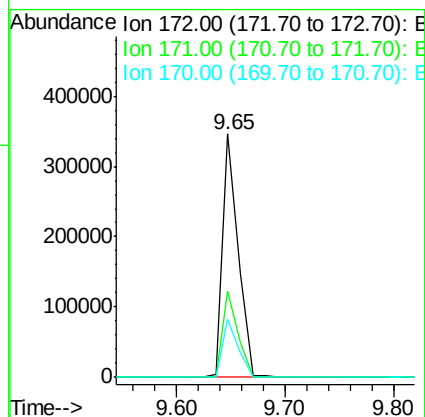
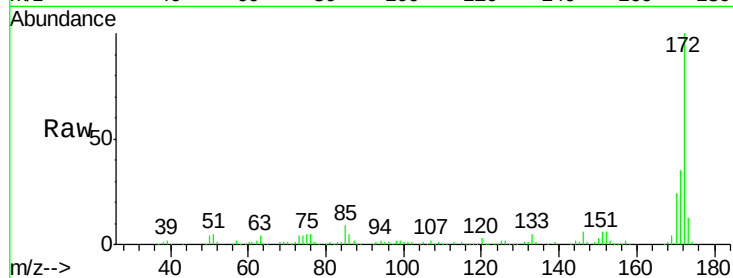




#44
 2-Fluorobiphenyl
 Concen: 74.13 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080236.D
 Acq: 30 Jun 2015 15:10

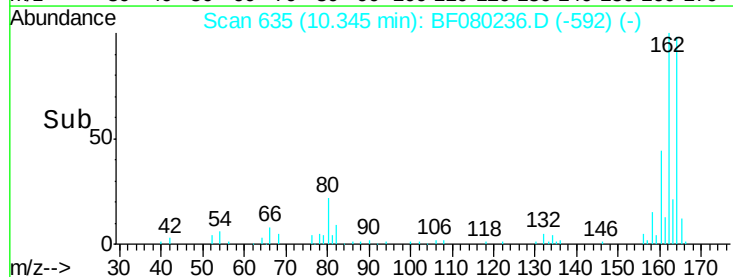
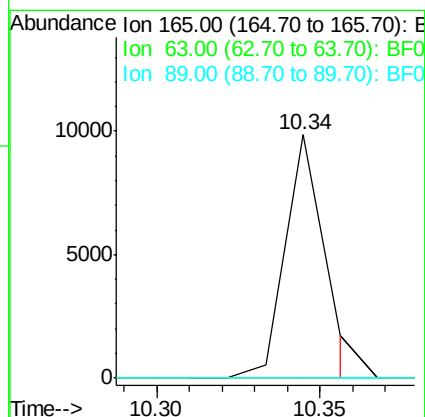
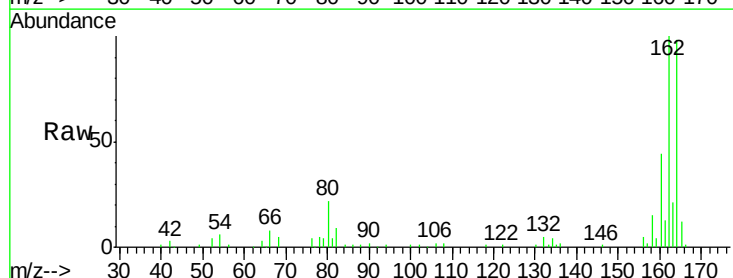
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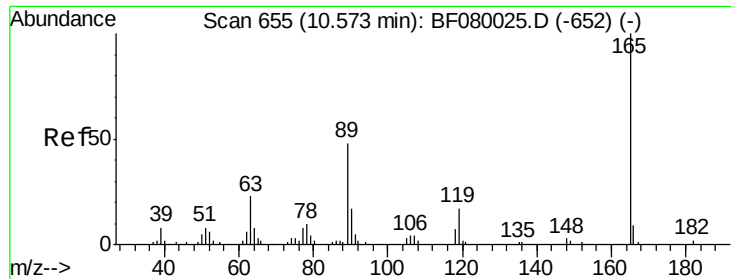
Tgt Ion:172 Resp: 346318
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.6 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.25 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080236.D
 Acq: 30 Jun 2015 15:10

Tgt Ion:165 Resp: 8288
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

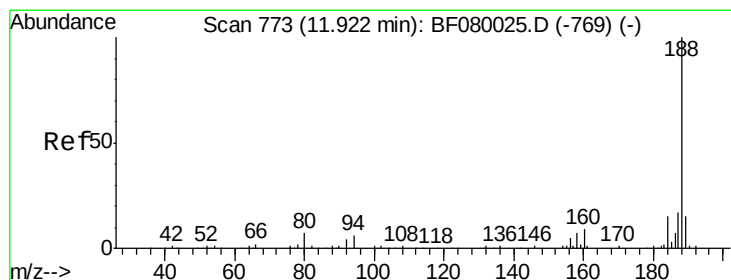
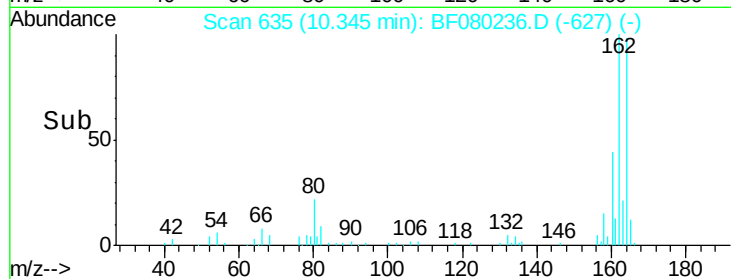
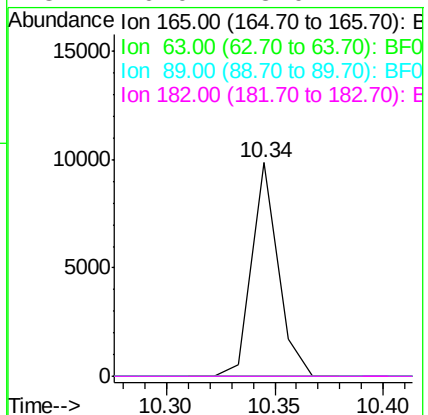
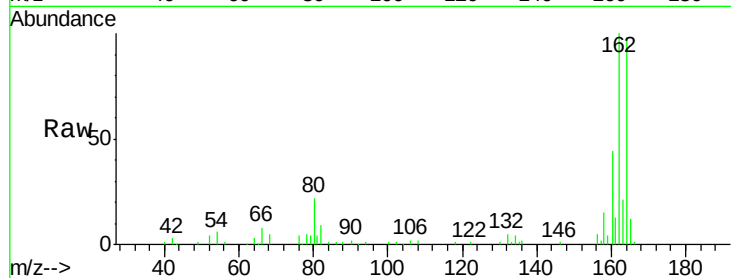




#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.21 min
 Lab File: BF080236.D
 Acq: 30 Jun 2015 15:10

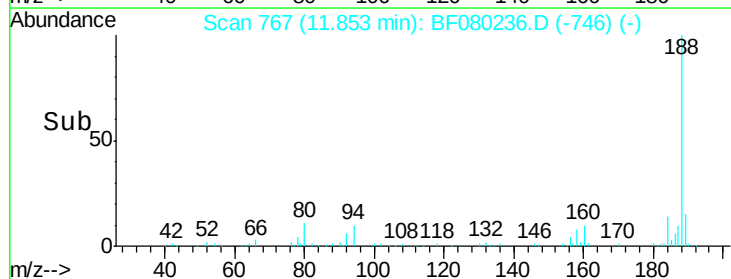
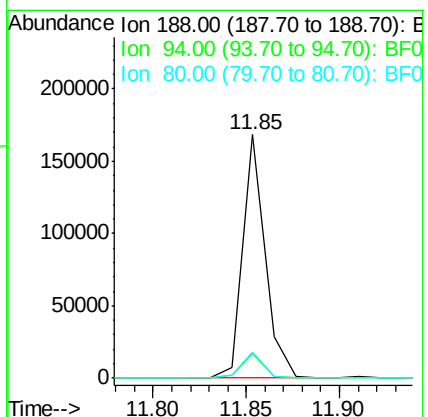
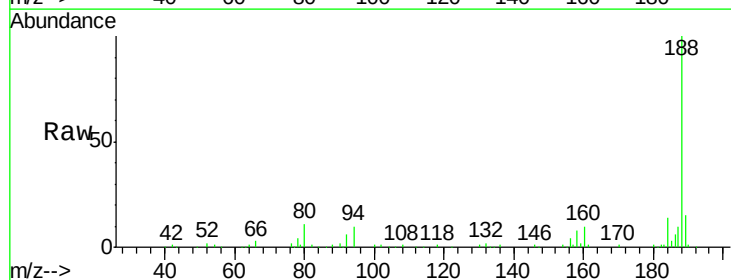
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BL

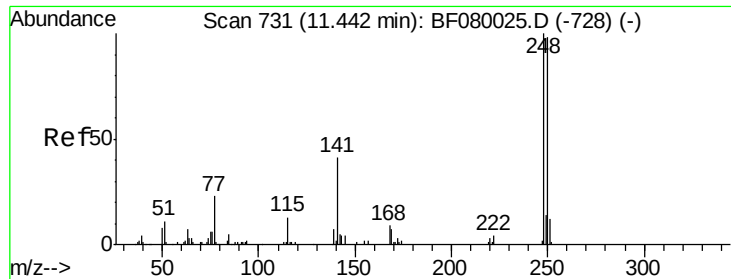
Tgt Ion:	165	Resp:	8289
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080236.D
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Tgt Ion:	188	Resp:	141295
Ion	Ratio	Lower	Upper
188	100		
94	9.9	11.1	16.7#
80	10.8	11.0	16.4#

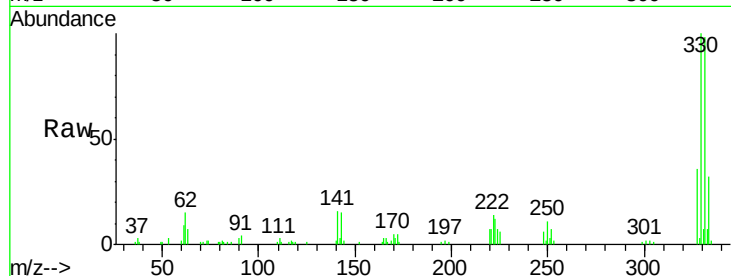




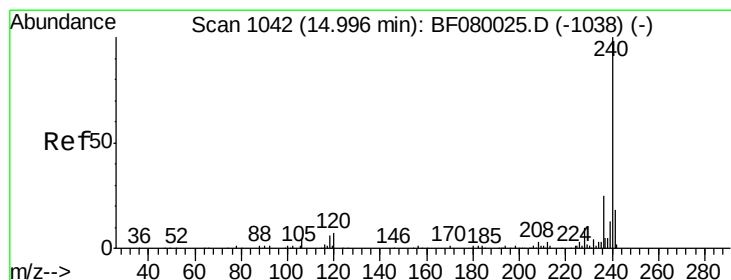
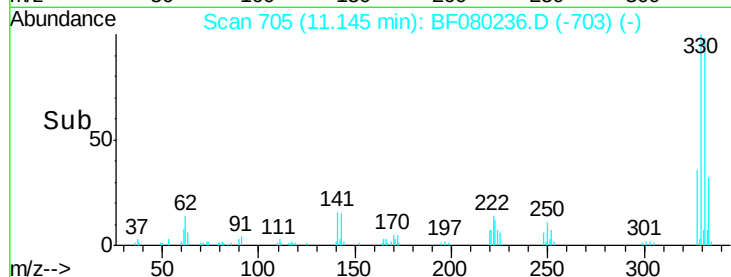
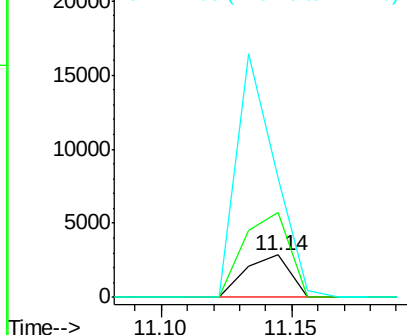
#66
4-Bromophenyl-phenylether
Concen: 2.25 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.27 min
Lab File: BF080236.D
Acq: 30 Jun 2015 15:10

Instrument :
BNA_F
ClientSampleId :
PB84270BL

Tgt Ion:248 Resp: 3377
Ion Ratio Lower Upper
248 100
250 200.9 78.5 117.7#
141 281.3 59.0 88.6#

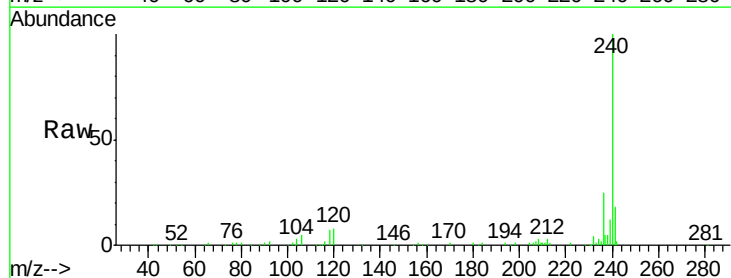


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

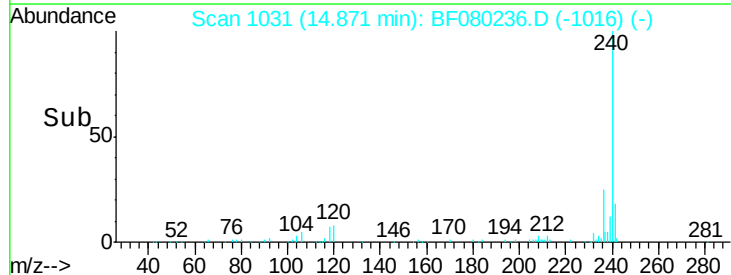
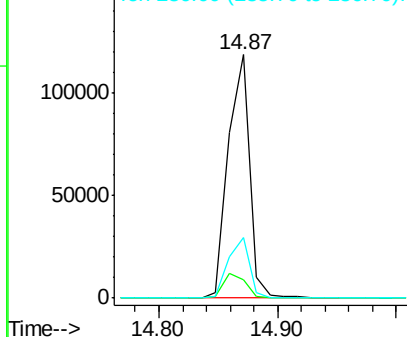


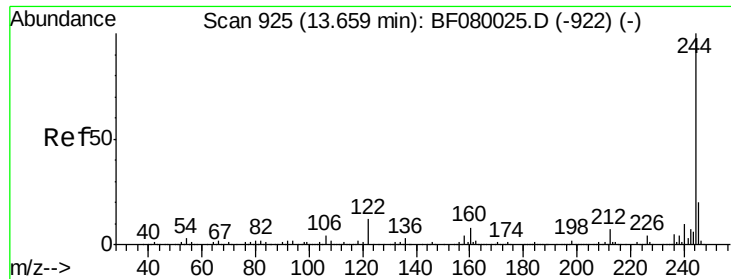
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 1031
Delta R.T. -0.13 min
Lab File: BF080236.D
Acq: 30 Jun 2015 15:10

Tgt Ion:240 Resp: 147679
Ion Ratio Lower Upper
240 100
120 7.6 16.2 24.2#
236 25.1 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

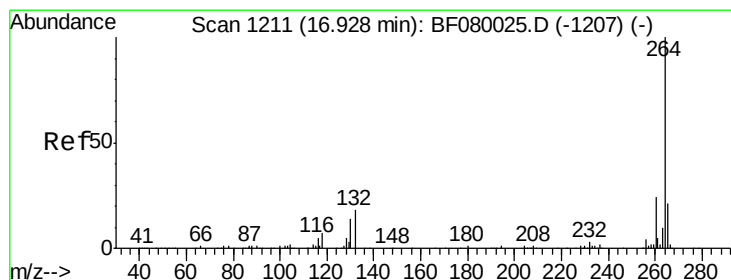
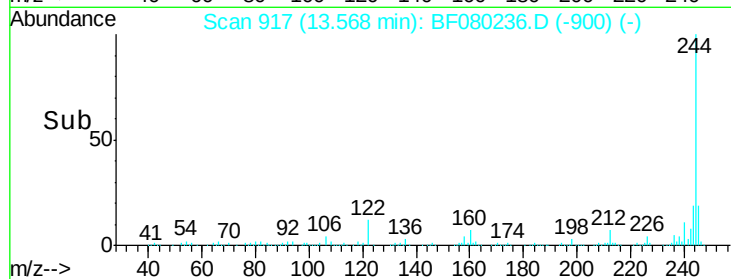
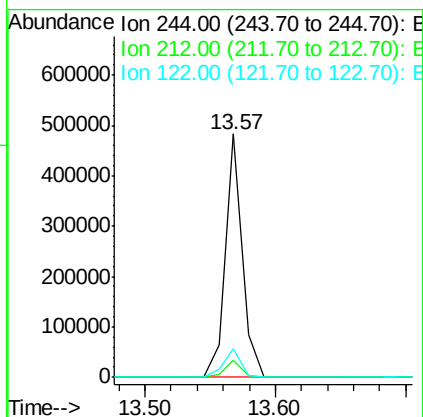
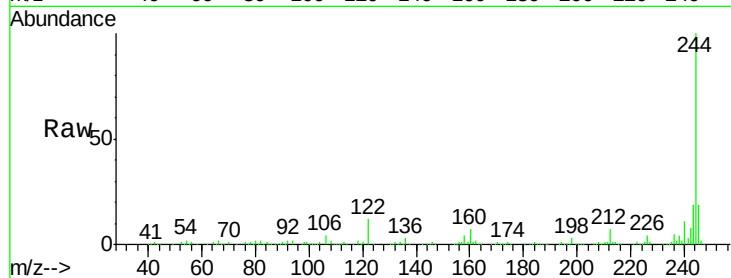




#78
 Terphenyl-d14
 Concen: 69.05 ng
 RT: 13.57 min Scan# 917
 Delta R.T. -0.10 min
 Lab File: BF080236.D
 Acq: 30 Jun 2015 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BL

Tgt Ion:244 Resp: 436598
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 11.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1197
 Delta R.T. -0.16 min
 Lab File: BF080236.D
 Acq: 30 Jun 2015 15:10

Tgt Ion:264 Resp: 143092
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 20.8 17.2 25.8

