

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079971.D
 Acq On : 13 Jun 2015 11:07
 Operator : TP/IZ
 Sample : G2536-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-29(FILTERED)

Quant Time: Jun 15 00:57:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

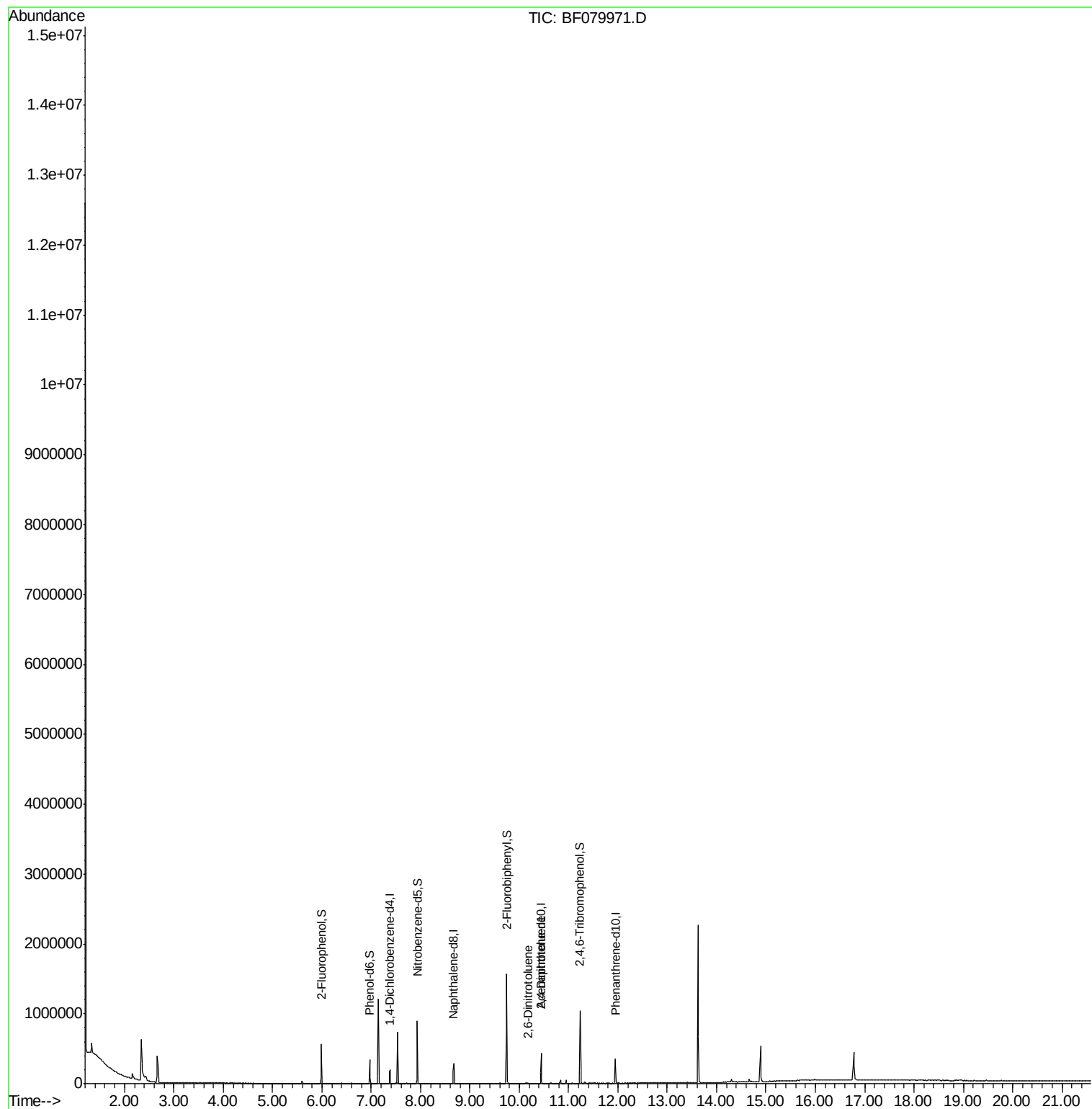
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	41936	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	166576	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	93152	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	196589	20.00	ng	-0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	138938	60.75	ng	0.00
7) Phenol-d6	6.97	99	109134	35.03	ng	0.00
23) Nitrobenzene-d5	7.93	82	241039	95.47	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	106397	113.78	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	577424	86.80	ng	0.00
78) Terphenyl-d14	13.62	244	758915	0.00	ng	-0.15
Target Compounds						
50) 2,6-Dinitrotoluene	10.17	165	714	3.54	ng	# 21
56) 2,4-Dinitrotoluene	10.44	165	8458	9.02	ng	# 32

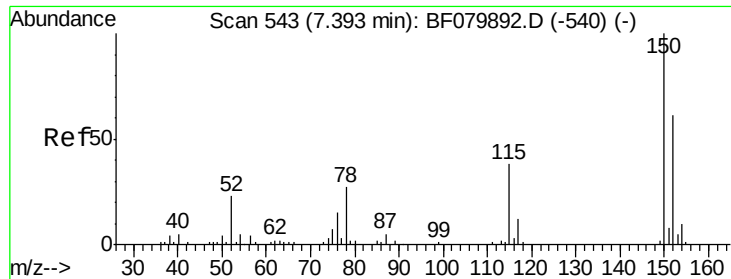
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079971.D

Acq: 13 Jun 2015 11:07

Instrument :

BNA_F

ClientSampleId :

P5-29(FILTERED)

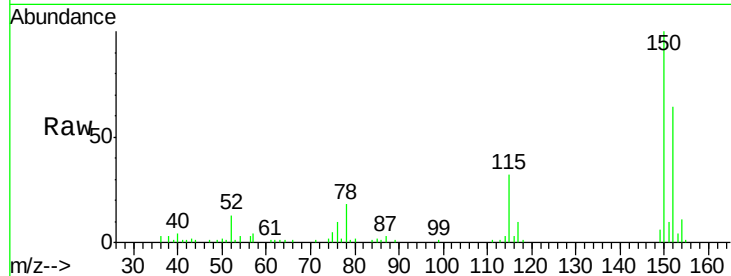
Tgt Ion:152 Resp: 41936

Ion Ratio Lower Upper

152 100

150 155.9 131.0 196.4

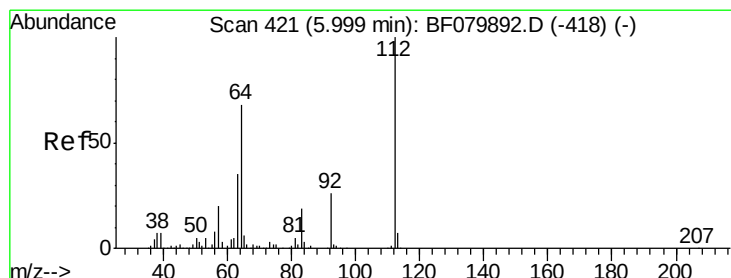
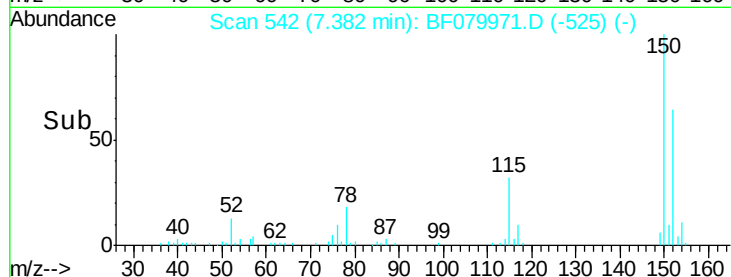
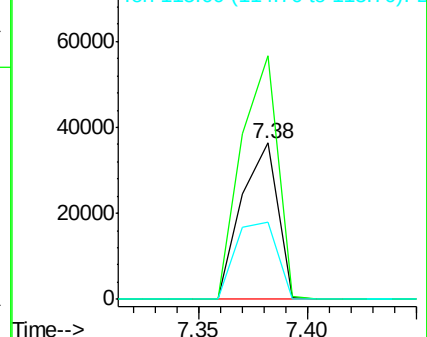
115 49.4 49.8 74.6#



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: 60.75 ng

RT: 5.99 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF079971.D

Acq: 13 Jun 2015 11:07

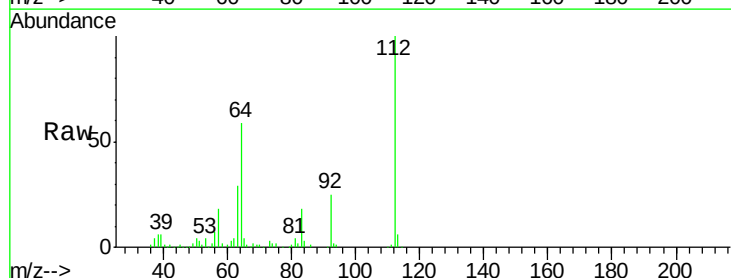
Tgt Ion:112 Resp: 138938

Ion Ratio Lower Upper

112 100

64 59.1 54.5 81.7

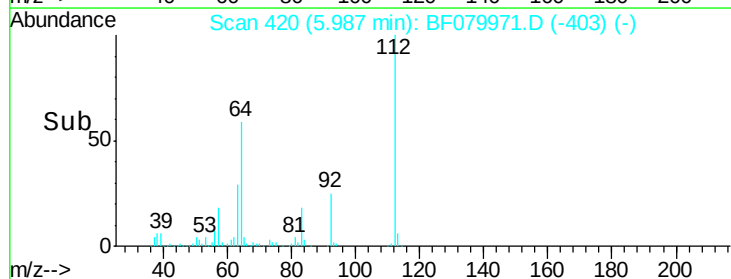
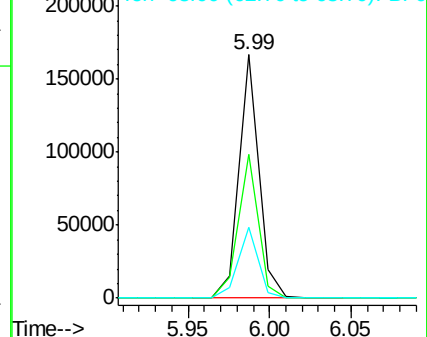
63 28.8 27.9 41.9

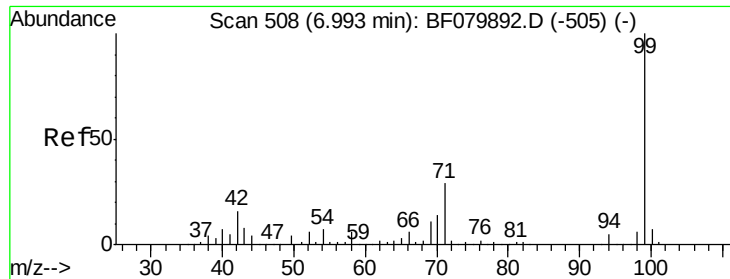


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.03 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF079971.D

Acq: 13 Jun 2015 11:07

Instrument :

BNA_F

ClientSampleId :

P5-29(FILTERED)

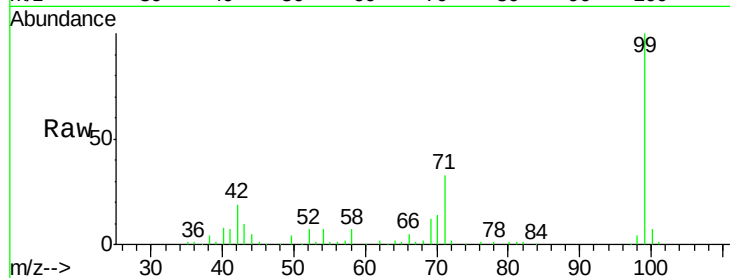
Tgt Ion: 99 Resp: 109134

Ion Ratio Lower Upper

99 100

42 19.4 12.9 19.3#

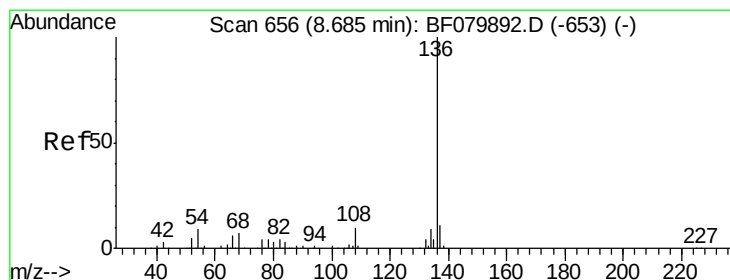
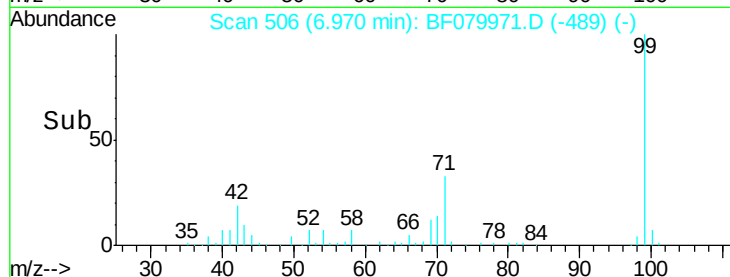
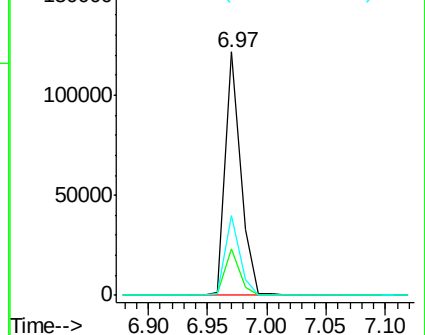
71 32.9 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079971.D

Acq: 13 Jun 2015 11:07

Tgt Ion: 136 Resp: 166576

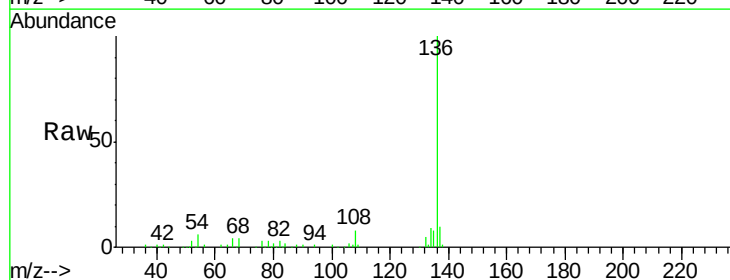
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.6 7.3 10.9#

68 4.2 5.9 8.9#

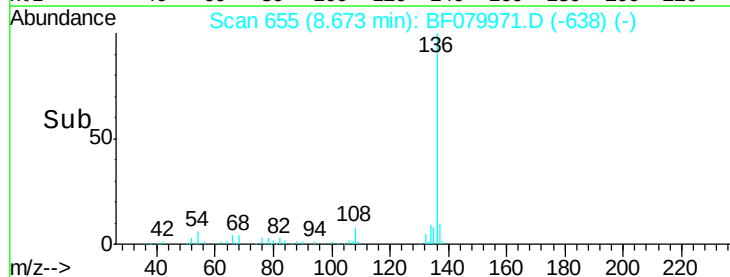
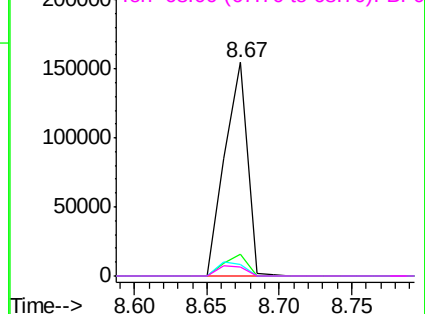


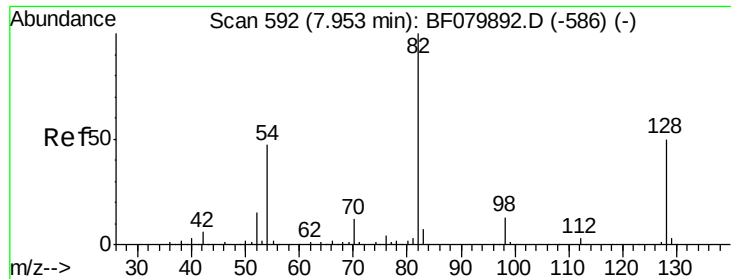
Abundance Ion 136.00 (135.70 to 136.70): E

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

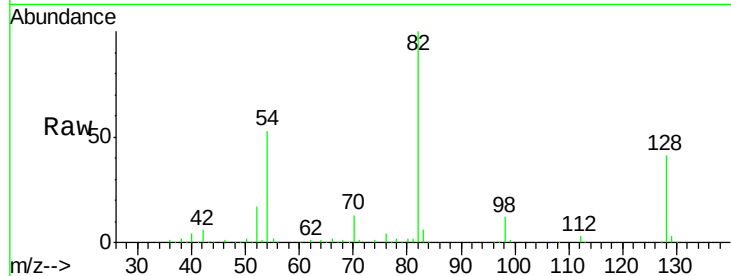




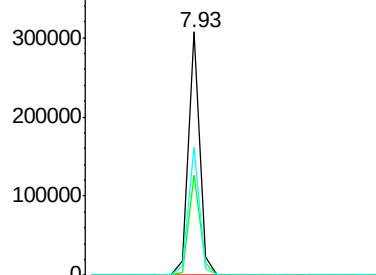
#23
 Nitrobenzene-d5
 Concen: 95.47 ng
 RT: 7.93 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF079971.D
 Acq: 13 Jun 2015 11:07

Instrument :
 BNA_F
 ClientSampleId :
 P5-29(FILTERED)

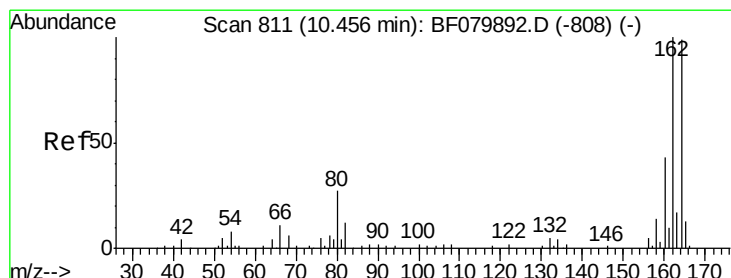
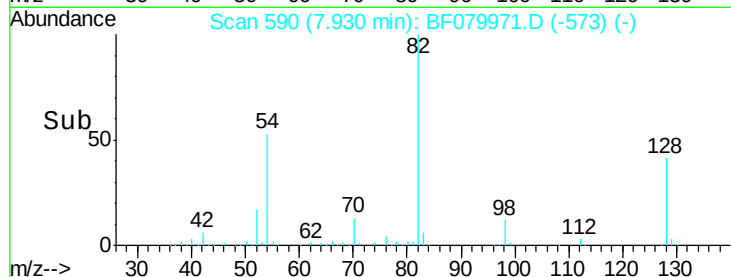
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	40.3	60.5
54	52.6	38.0	57.0



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

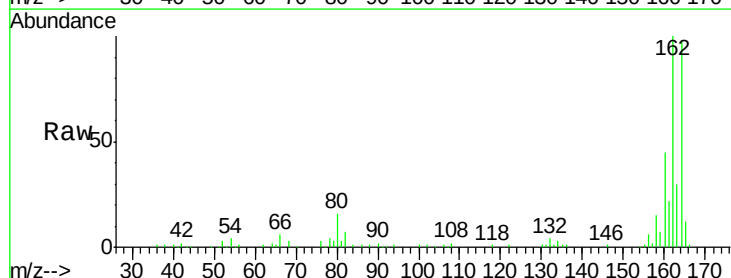


Time-->

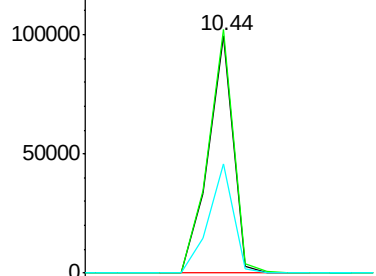


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF079971.D
 Acq: 13 Jun 2015 11:07

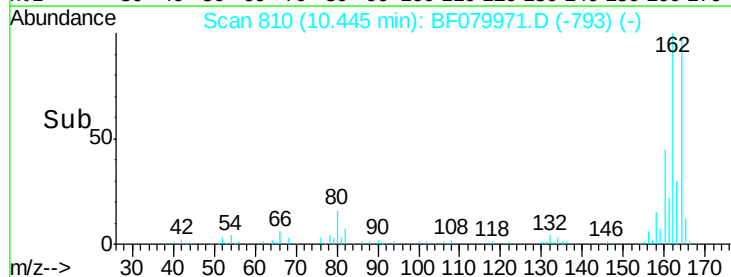
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	45.9	34.6	51.8

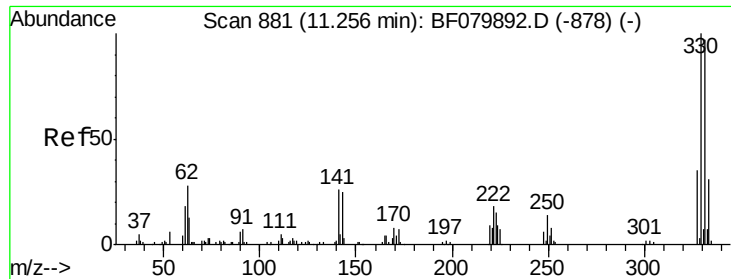


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->

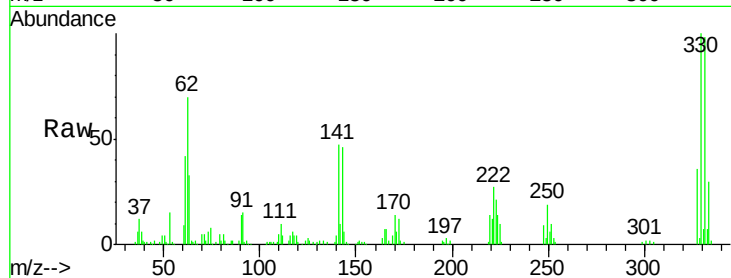




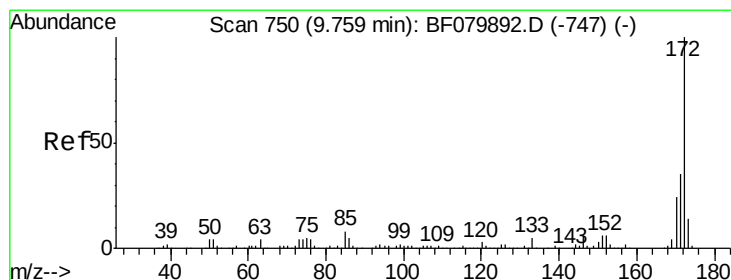
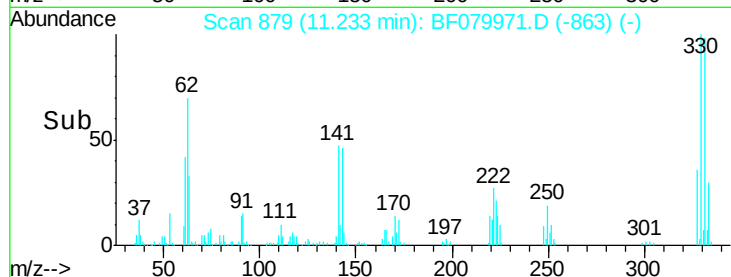
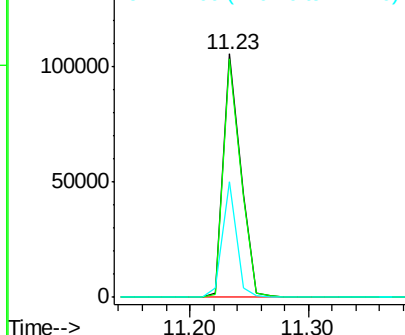
#41
 2,4,6-Tribromophenol
 Concen: 113.78 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079971.D
 Acq: 13 Jun 2015 11:07

Instrument :
 BNA_F
 ClientSampleId :
 P5-29(FILTERED)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	37.9	26.8	40.2

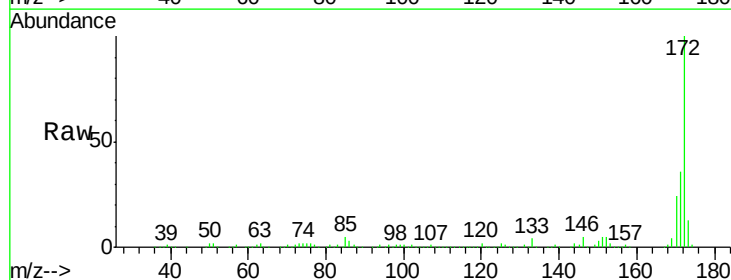


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

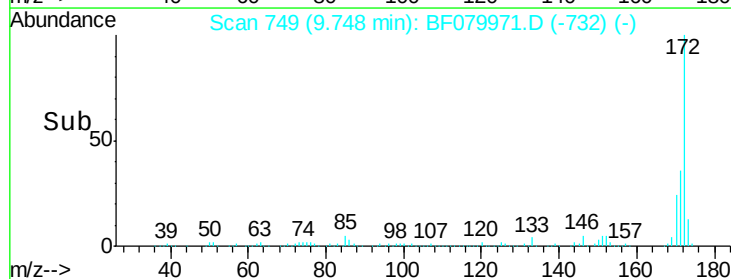
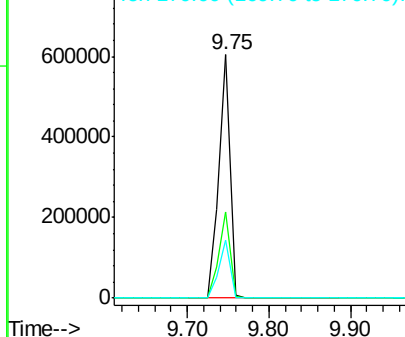


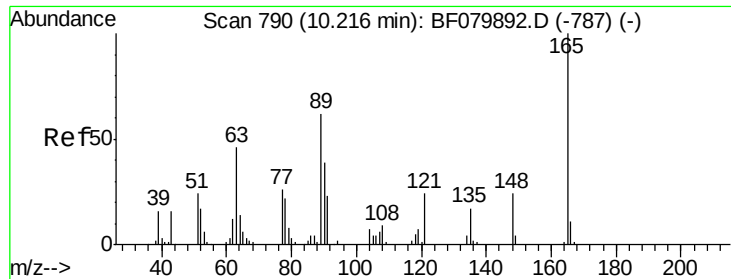
#44
 2-Fluorobiphenyl
 Concen: 86.80 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF079971.D
 Acq: 13 Jun 2015 11:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	24.1	19.0	28.4



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

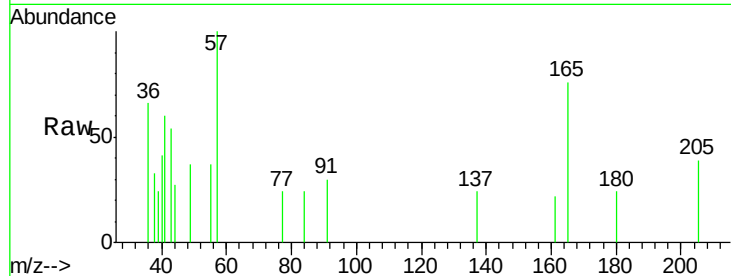




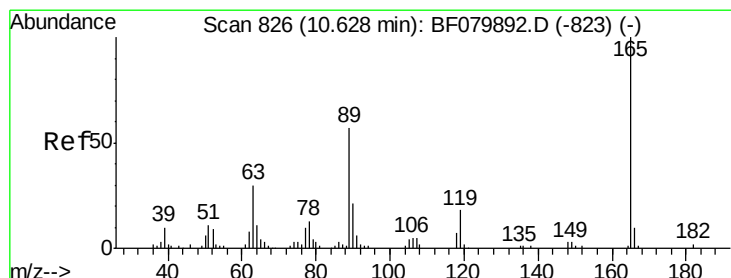
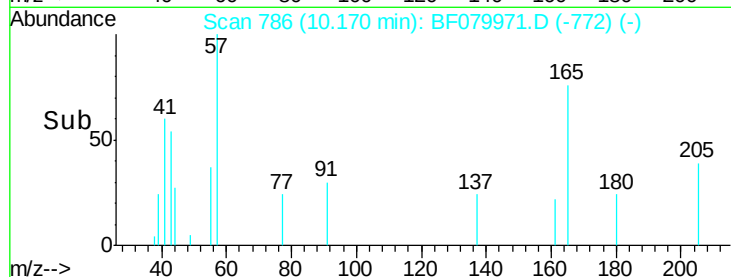
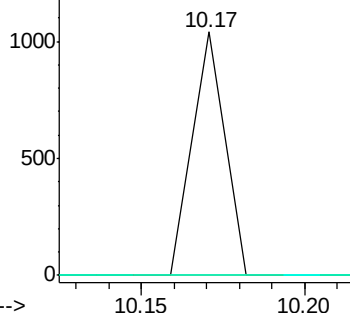
#50
2,6-Dinitrotoluene
Concen: 3.54 ng
RT: 10.17 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF079971.D
Acq: 13 Jun 2015 11:07

Instrument :
BNA_F
ClientSampleId :
P5-29(FILTERED)

Tgt Ion:165 Resp: 714
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 49.6 74.4#

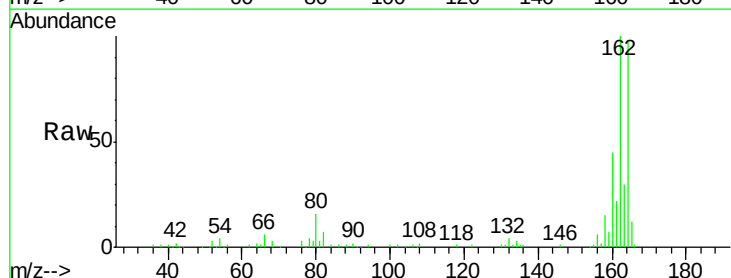


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

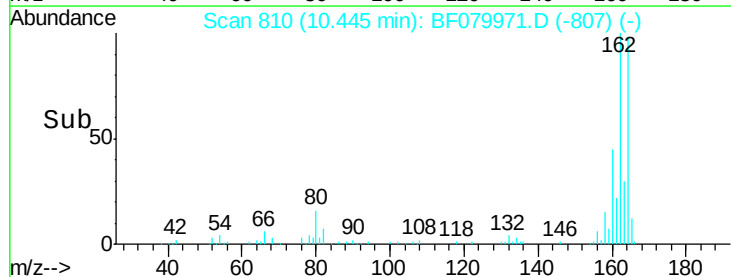
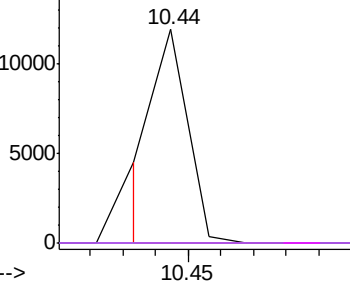


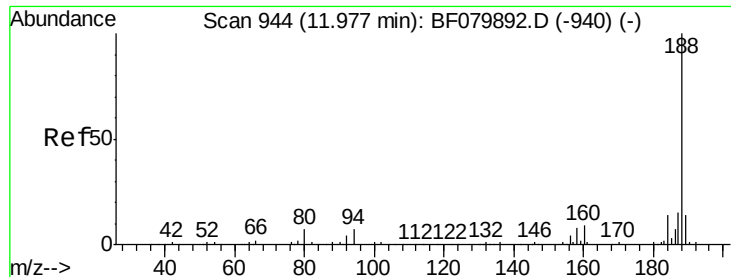
#56
2,4-Dinitrotoluene
Concen: 9.02 ng
RT: 10.44 min Scan# 810
Delta R.T. -0.16 min
Lab File: BF079971.D
Acq: 13 Jun 2015 11:07

Tgt Ion:165 Resp: 8458
Ion Ratio Lower Upper
165 100
63 0.0 24.3 36.5#
89 0.0 45.4 68.2#
182 0.0 1.8 2.8#



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

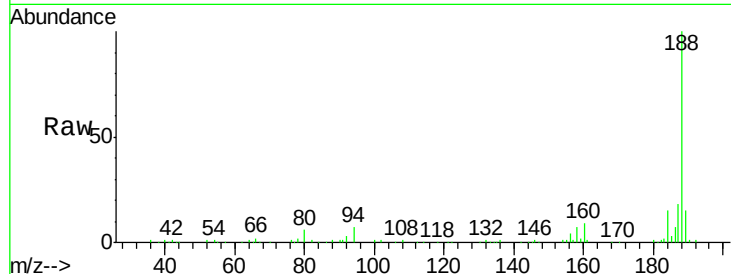




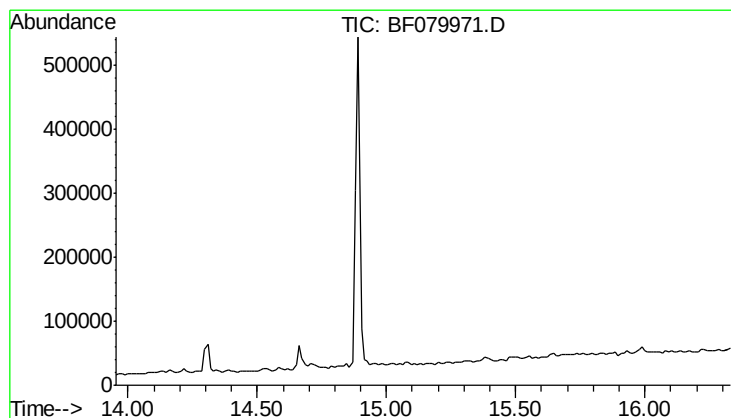
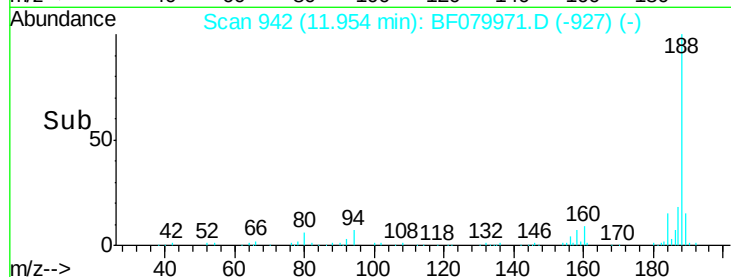
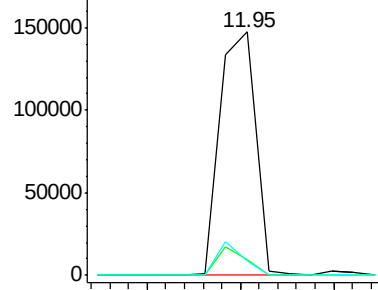
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.95 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF079971.D
 Acq: 13 Jun 2015 11:07

Instrument :
 BNA_F
 ClientSampleId :
 P5-29(FILTERED)

Tgt Ion: 188 Resp: 196589
 Ion Ratio Lower Upper
 188 100
 94 6.5 5.8 8.8
 80 6.1 5.9 8.9

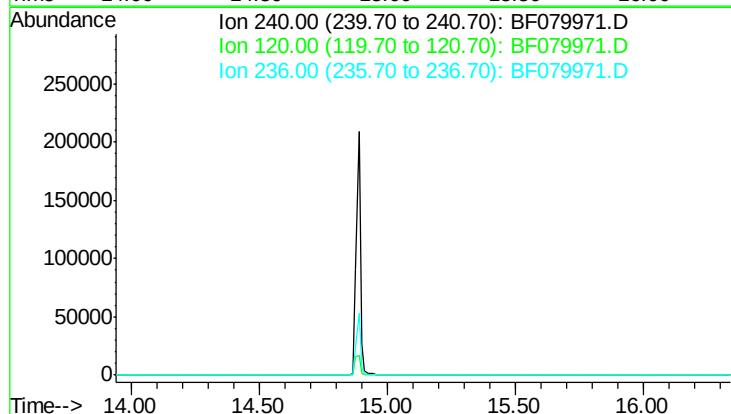


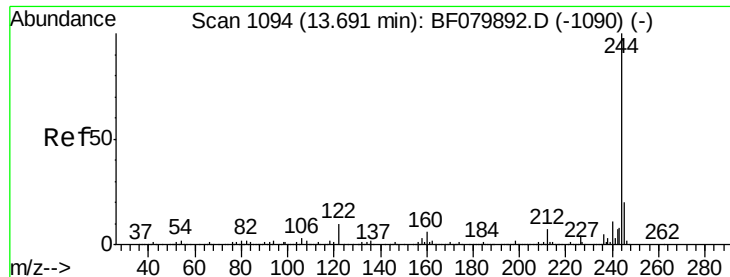
Abundance Ion 188.00 (187.70 to 188.70): E
 200000 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079971.D
 Acq: 13 Jun 2015 11:07

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.8
 236 24.5





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.15 min

Lab File: BF079971.D

Acq: 13 Jun 2015 11:07

Instrument :

BNA_F

ClientSampleId :

P5-29(FILTERED)

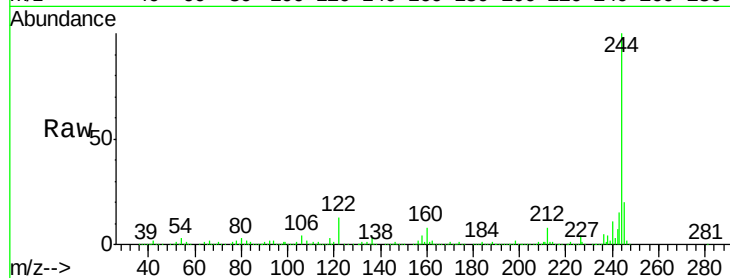
Tgt Ion: 244 Resp: 758915

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

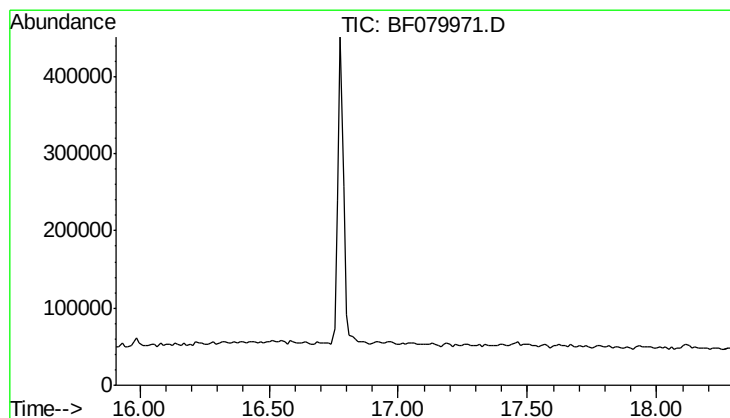
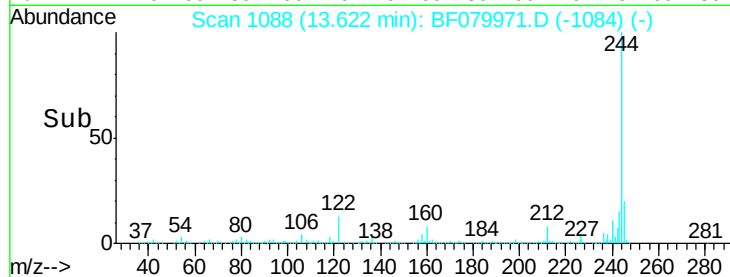
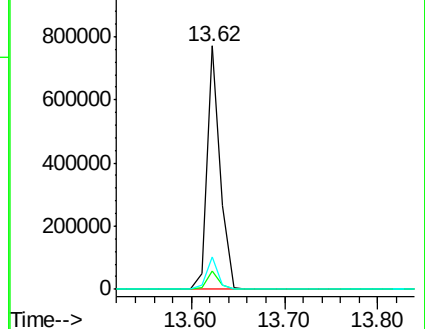
122 13.2 7.8 11.8#



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

Perylene-d12

Concen: 0.00 ng

Expected RT: 17.10 min

Lab File: BF079971.D

Acq: 13 Jun 2015 11:07

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.1

265 21.3

