

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079996.D
 Acq On : 16 Jun 2015 17:55
 Operator : TP/IZ
 Sample : PB84029BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BL

Quant Time: Jun 17 00:49:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

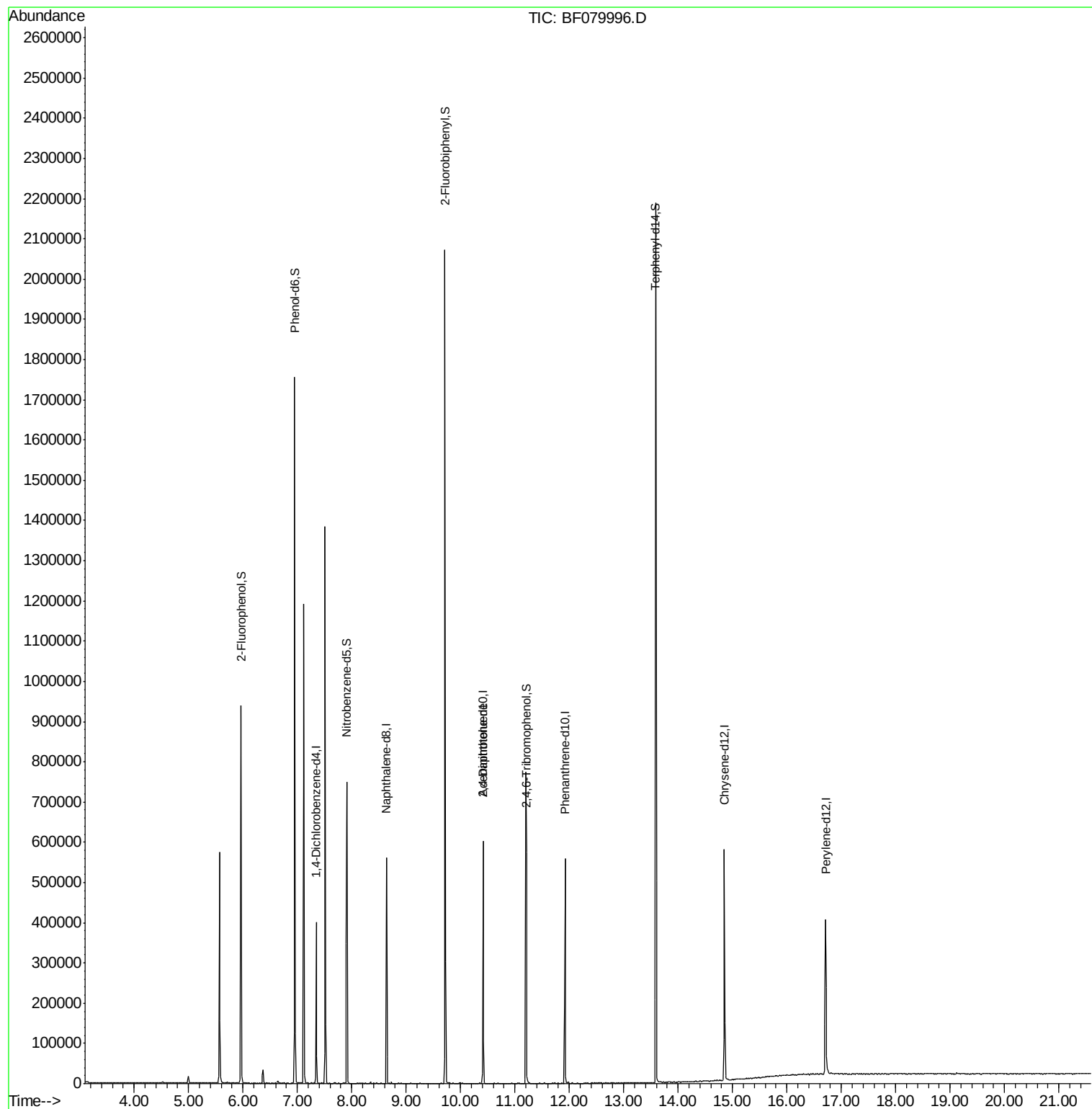
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	54428	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	218067	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	109225	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	217583	20.00	ng	0.00
75) Chrysene-d12	14.85	240	228460	20.00	ng	-0.06
86) Perylene-d12	16.71	264	220888	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.97	112	363239	122.37	ng	0.01
7) Phenol-d6	6.95	99	488634	120.83	ng	0.00
23) Nitrobenzene-d5	7.91	82	261381	79.08	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	111687	102.18	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	573054	73.47	ng	0.00
78) Terphenyl-d14	13.59	244	698187	70.46	ng	-0.03
Target Compounds						
56) 2,4-Dinitrotoluene	10.41	165	13384	10.49	ng	# 32
82) Chrysene	14.88	228	362	Below Cal		# 49

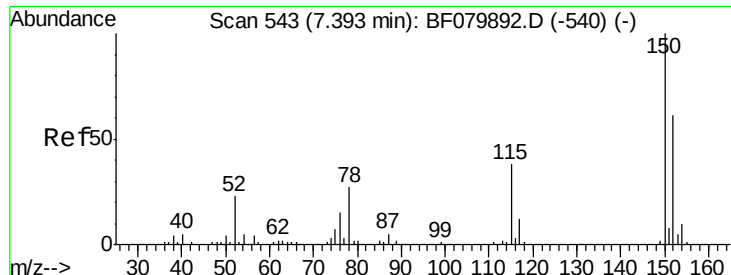
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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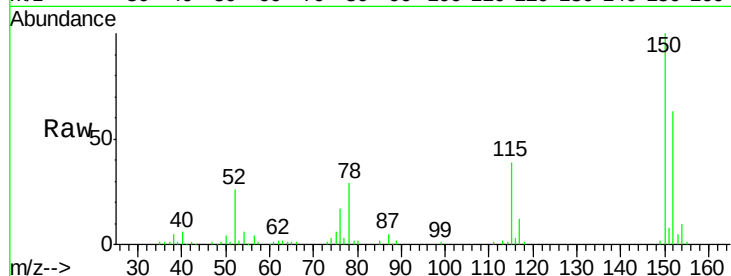


#1

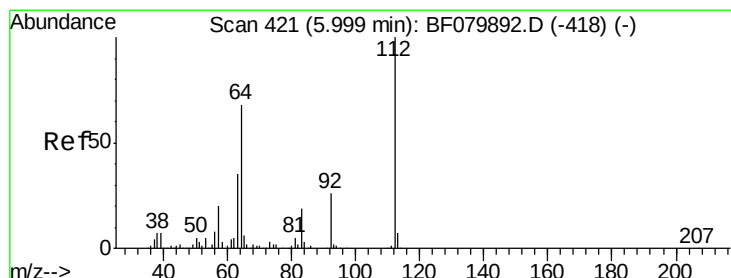
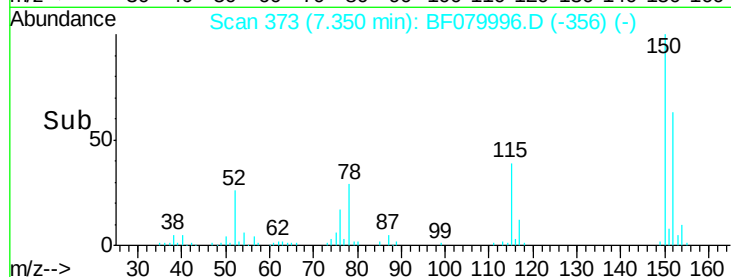
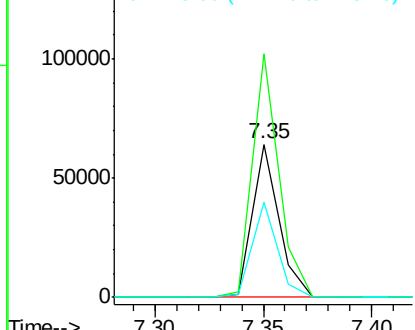
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF079996.D
Acq: 16 Jun 2015 17:55

Instrument :
BNA_F
ClientSampleId :
PB84029BL

Tgt Ion:152 Resp: 54428
Ion Ratio Lower Upper
152 100
150 159.0 131.0 196.4
115 61.9 49.8 74.6



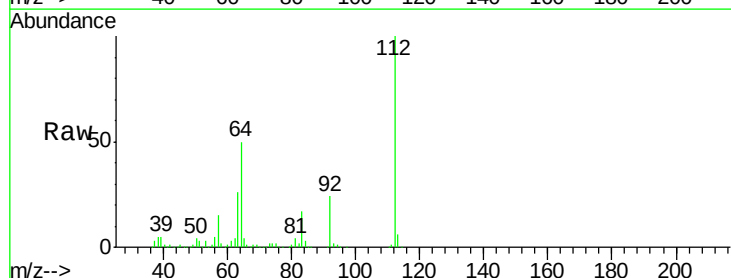
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



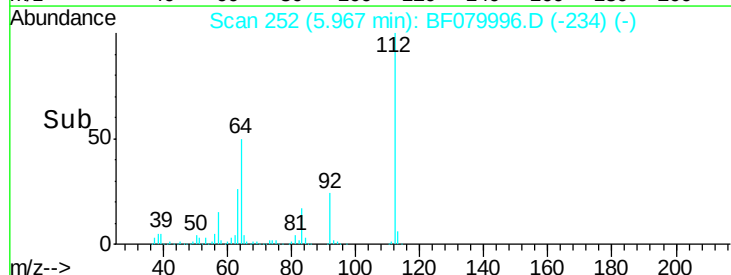
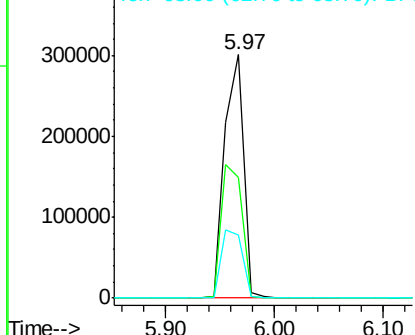
#5

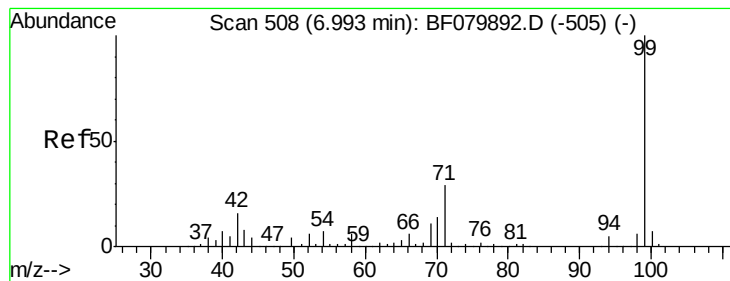
2-Fluorophenol
Concen: 122.37 ng
RT: 5.97 min Scan# 252
Delta R.T. 0.01 min
Lab File: BF079996.D
Acq: 16 Jun 2015 17:55

Tgt Ion:112 Resp: 363239
Ion Ratio Lower Upper
112 100
64 49.9 54.5 81.7#
63 25.9 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: 120.83 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF079996.D

Acq: 16 Jun 2015 17:55

Instrument :

BNA_F

ClientSampleId :

PB84029BL

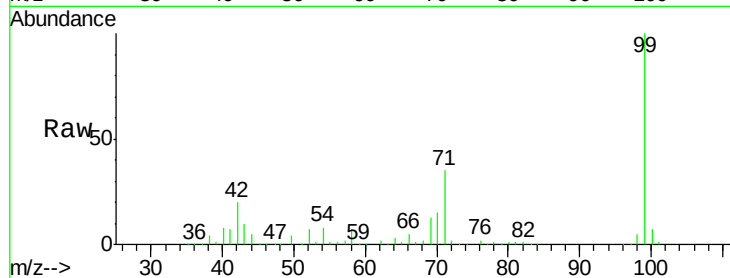
Tgt Ion: 99 Resp: 488634

Ion Ratio Lower Upper

99 100

42 20.1 12.9 19.3#

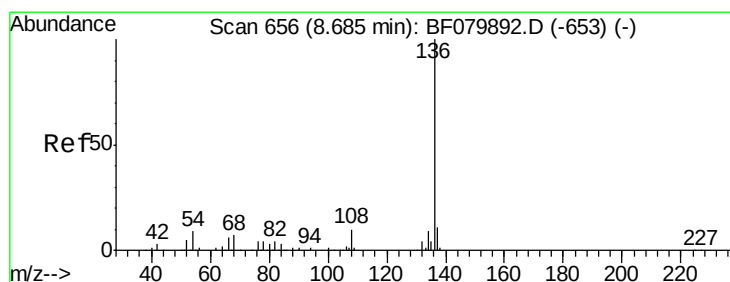
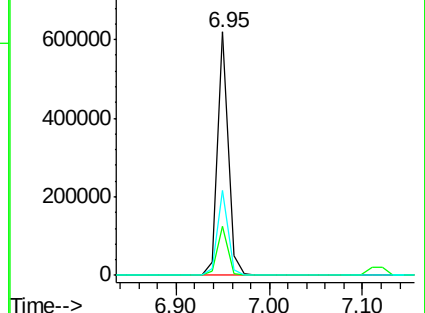
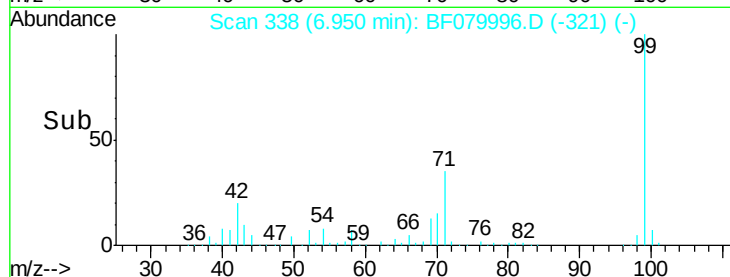
71 34.7 23.4 35.2



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: 8.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF079996.D

Acq: 16 Jun 2015 17:55

Tgt Ion: 136 Resp: 218067

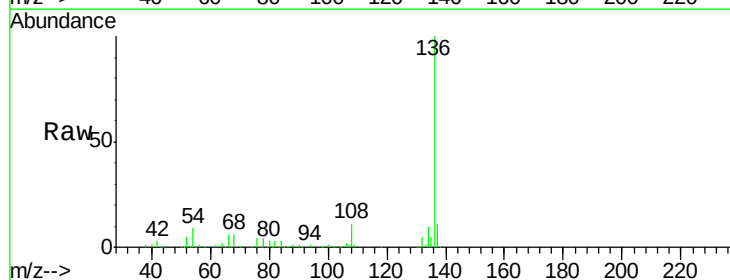
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.8 7.3 10.9

68 6.3 5.9 8.9

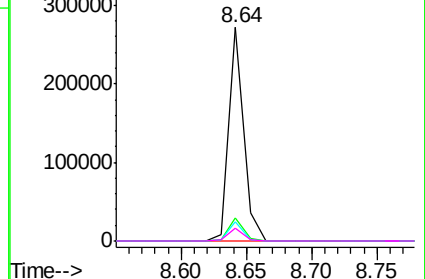
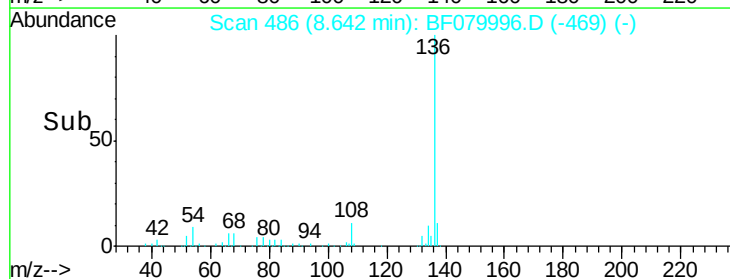


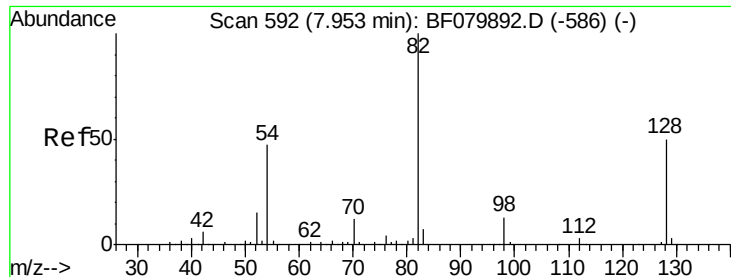
Abundance Ion 136.00 (135.70 to 136.70): E

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

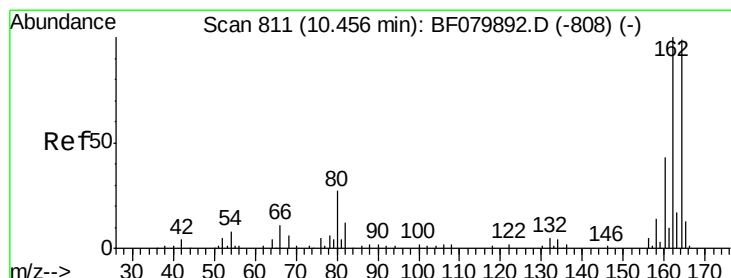
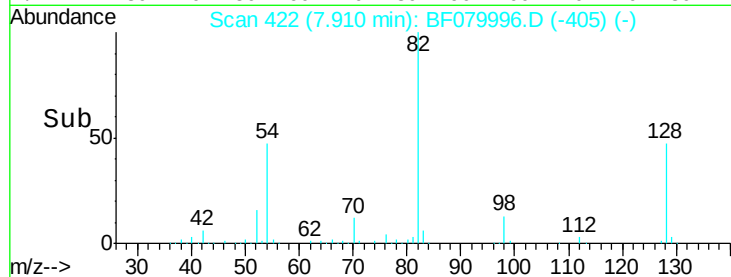
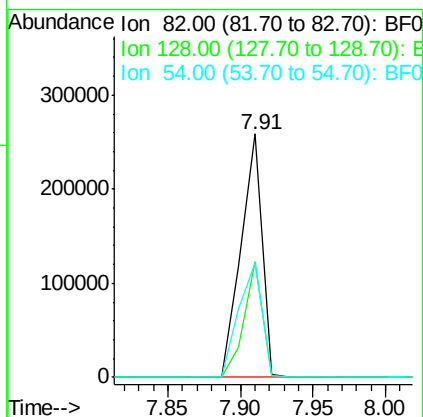
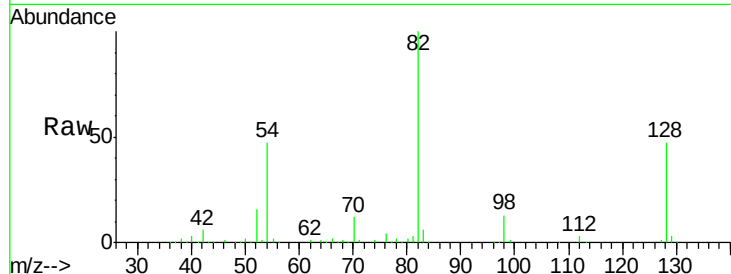




#23
 Nitrobenzene-d5
 Concen: 79.08 ng
 RT: 7.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF079996.D
 Acq: 16 Jun 2015 17:55

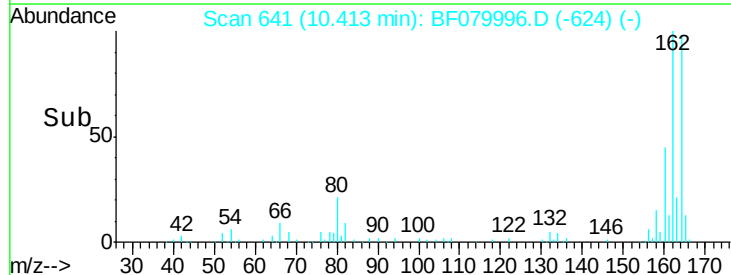
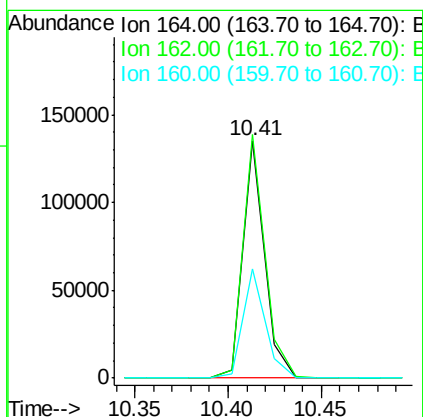
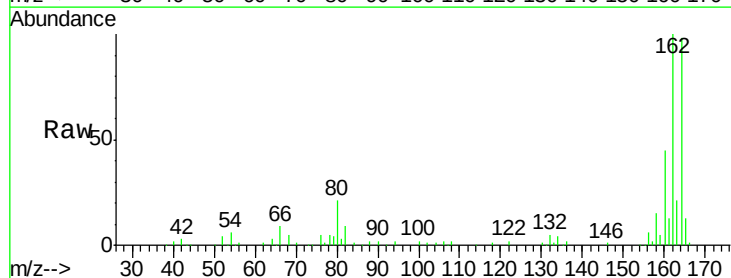
Instrument :
 BNA_F
 ClientSampleId :
 PB84029BL

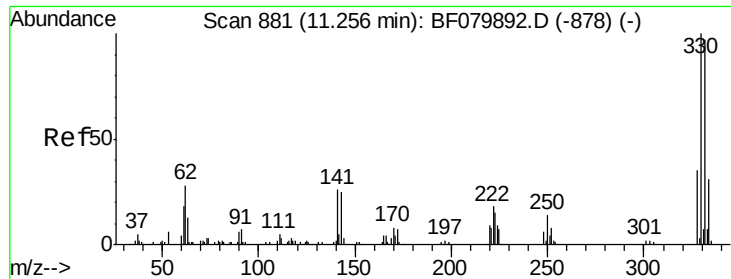
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.3	60.5
54	46.7	38.0	57.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF079996.D
 Acq: 16 Jun 2015 17:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	46.1	34.6	51.8

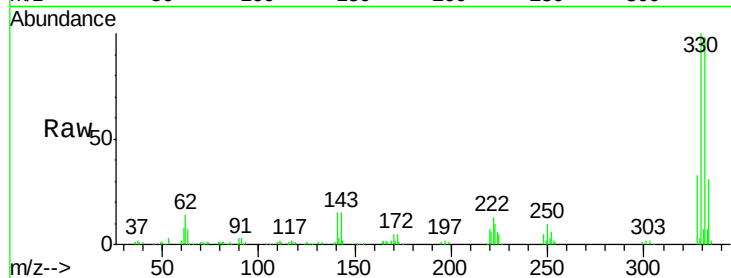




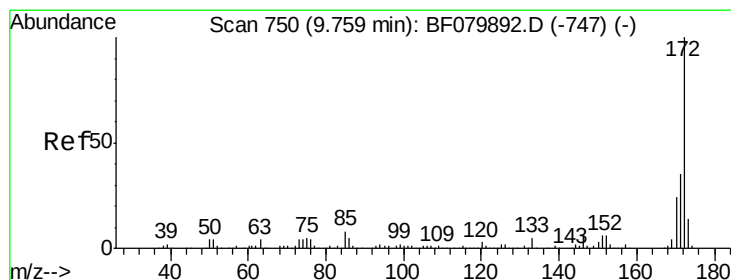
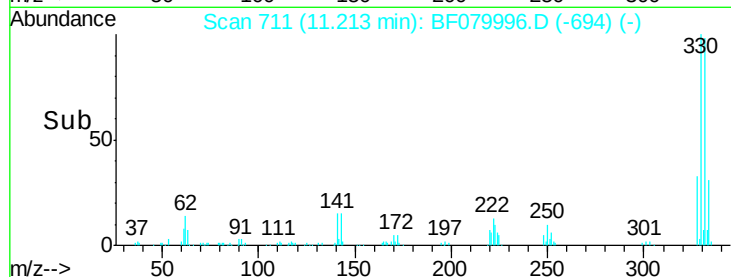
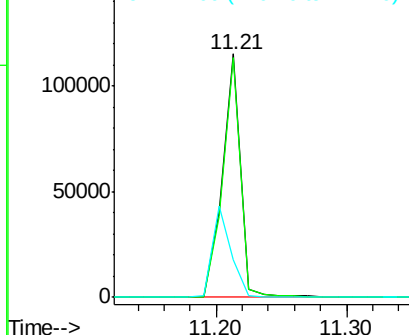
#41
 2,4,6-Tribromophenol
 Concen: 102.18 ng
 RT: 11.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF079996.D
 Acq: 16 Jun 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84029BL

Tgt Ion:330 Resp: 111687
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 38.5 26.8 40.2

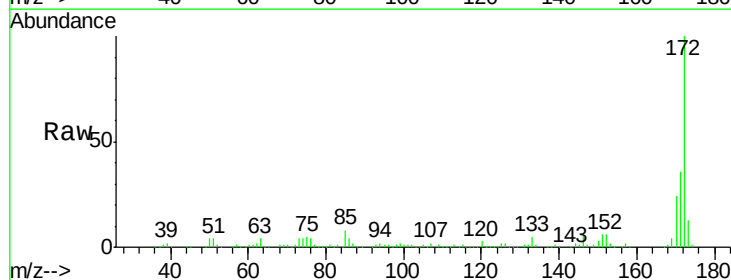


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

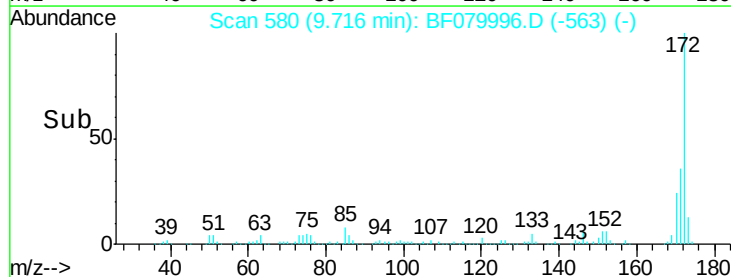
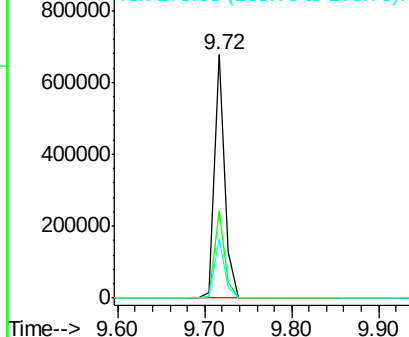


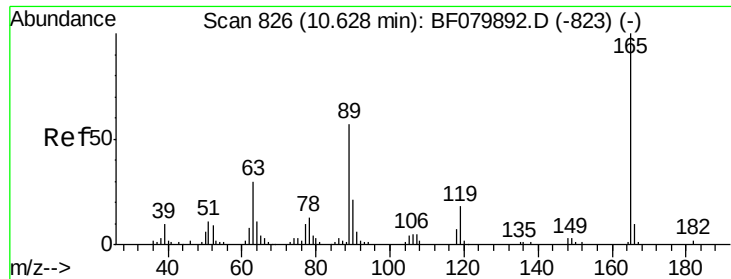
#44
 2-Fluorobiphenyl
 Concen: 73.47 ng
 RT: 9.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF079996.D
 Acq: 16 Jun 2015 17:55

Tgt Ion:172 Resp: 573054
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.3 42.5
 170 24.4 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





#56

2,4-Dinitrotoluene

Concen: 10.49 ng

RT: 10.41 min Scan# 641

Delta R.T. -0.17 min

Lab File: BF079996.D

Acq: 16 Jun 2015 17:55

Instrument :

BNA_F

ClientSampled :

PB84029BL

Tgt Ion:165 Resp: 13384

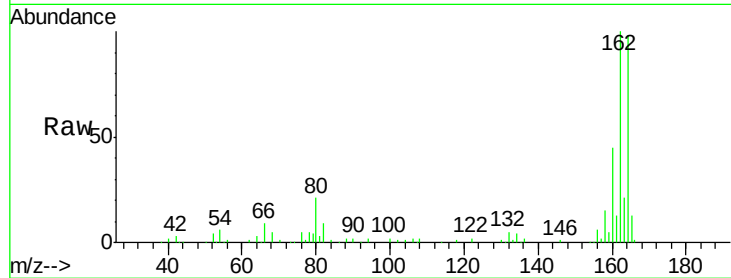
Ion Ratio Lower Upper

165 100

63 0.0 24.3 36.5#

89 0.0 45.4 68.2#

182 0.0 1.8 2.8#

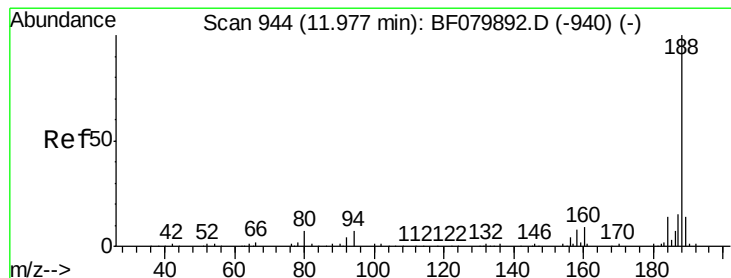
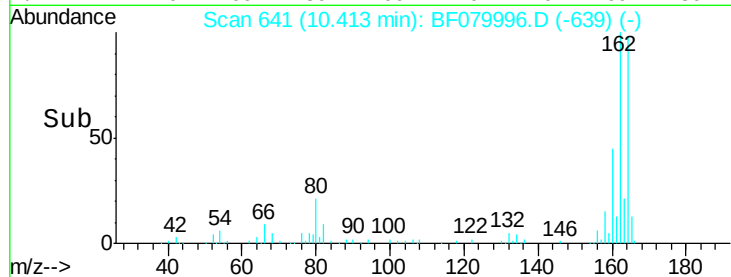
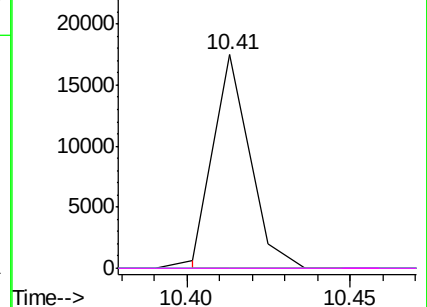


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF079996.D

Acq: 16 Jun 2015 17:55

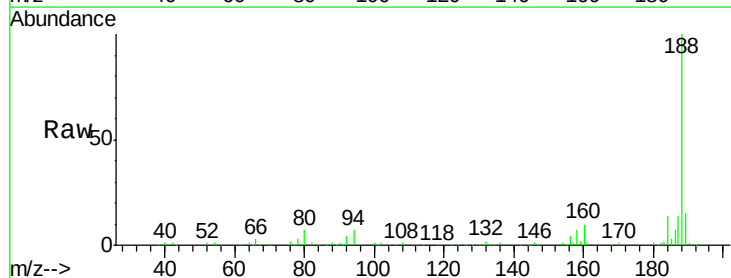
Tgt Ion:188 Resp: 217583

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

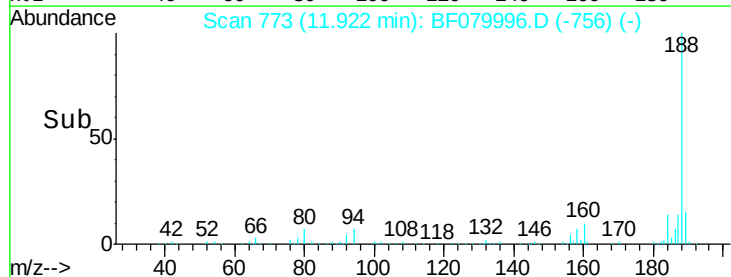
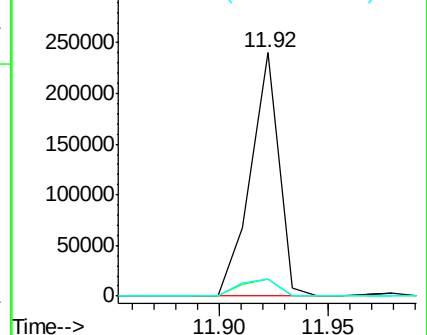
80 7.2 5.9 8.9

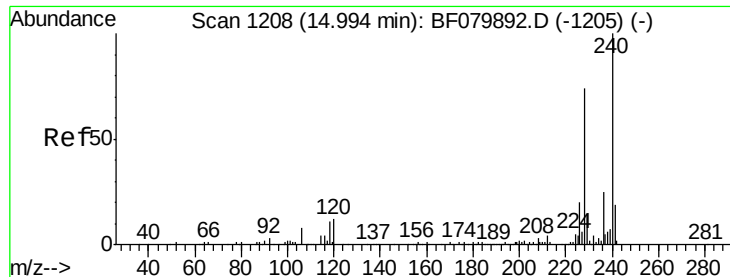


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.85 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF079996.D

Acq: 16 Jun 2015 17:55

Instrument :

BNA_F

ClientSampleId :

PB84029BL

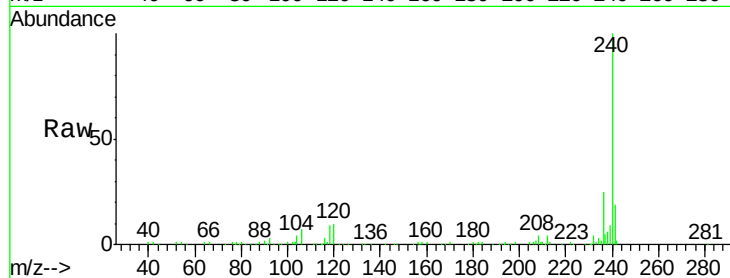
Tgt Ion:240 Resp: 228460

Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

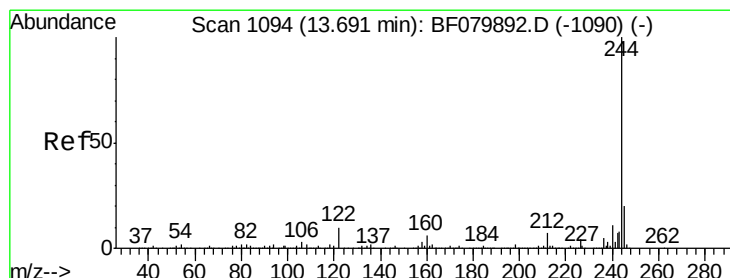
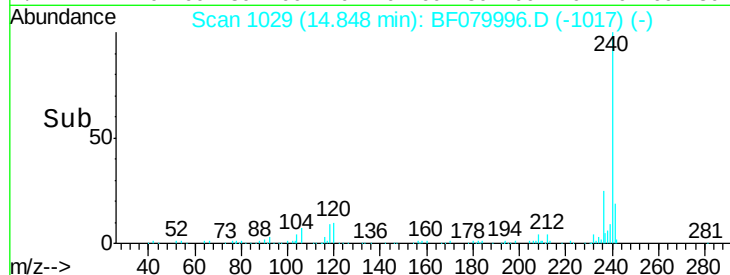
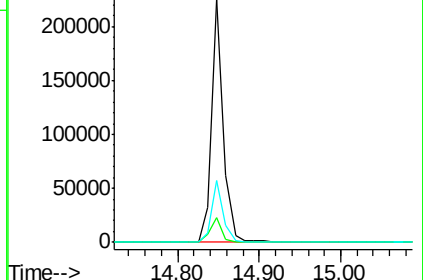
236 25.3 19.6 29.4



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: 70.46 ng

RT: 13.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF079996.D

Acq: 16 Jun 2015 17:55

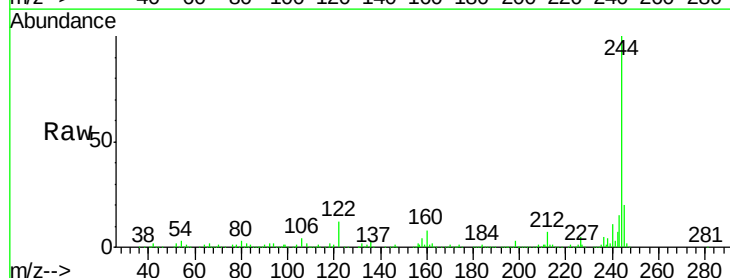
Tgt Ion:244 Resp: 698187

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

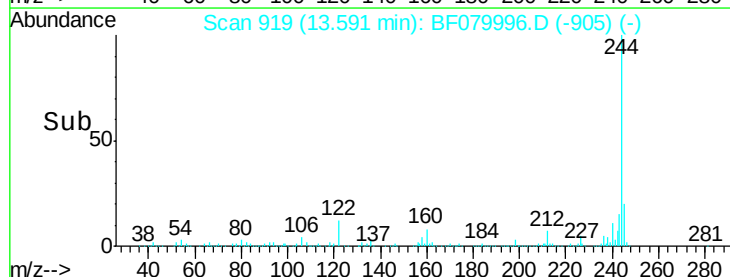
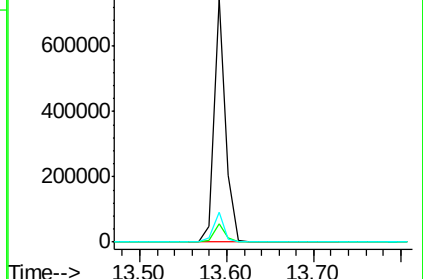
122 12.3 7.8 11.8#

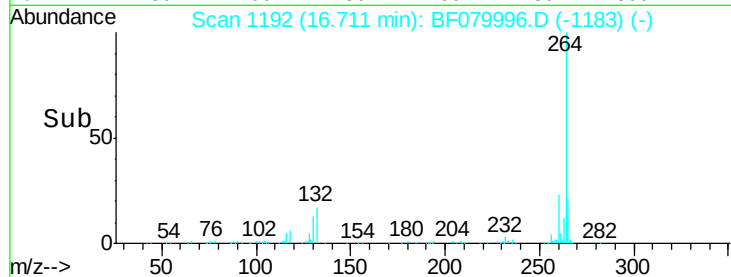
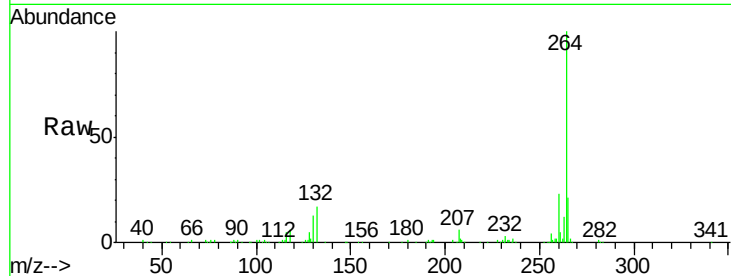
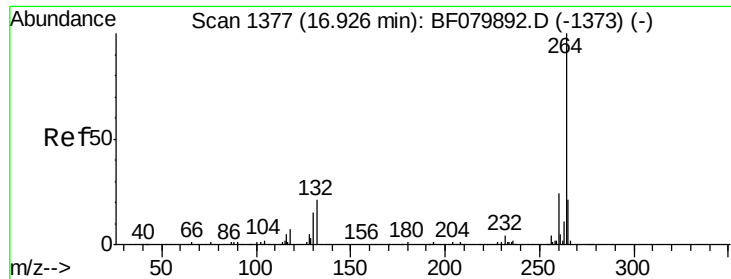


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.71 min Scan# 1192
Delta R.T. -0.09 min
Lab File: BF079996.D
Acq: 16 Jun 2015 17:55

Instrument :
BNA_F
ClientSampleId :
PB84029BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	20.9	17.0	25.6

