

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079994.D
 Acq On : 16 Jun 2015 16:57
 Operator : TP/IZ
 Sample : PB84048TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84048TB

Quant Time: Jun 17 02:49:11 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	50887	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	198278	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	98851	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	196230	20.00	ng	0.00
75) Chrysene-d12	14.85	240	205979	20.00	ng	-0.06
86) Perylene-d12	16.71	264	197002	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.97	112	353553	127.40	ng	0.01
7) Phenol-d6	6.95	99	478317	126.51	ng	0.00
23) Nitrobenzene-d5	7.91	82	242352	80.64	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	106910	107.90	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	571221	80.92	ng	0.00
78) Terphenyl-d14	13.59	244	715084	80.04	ng	-0.03

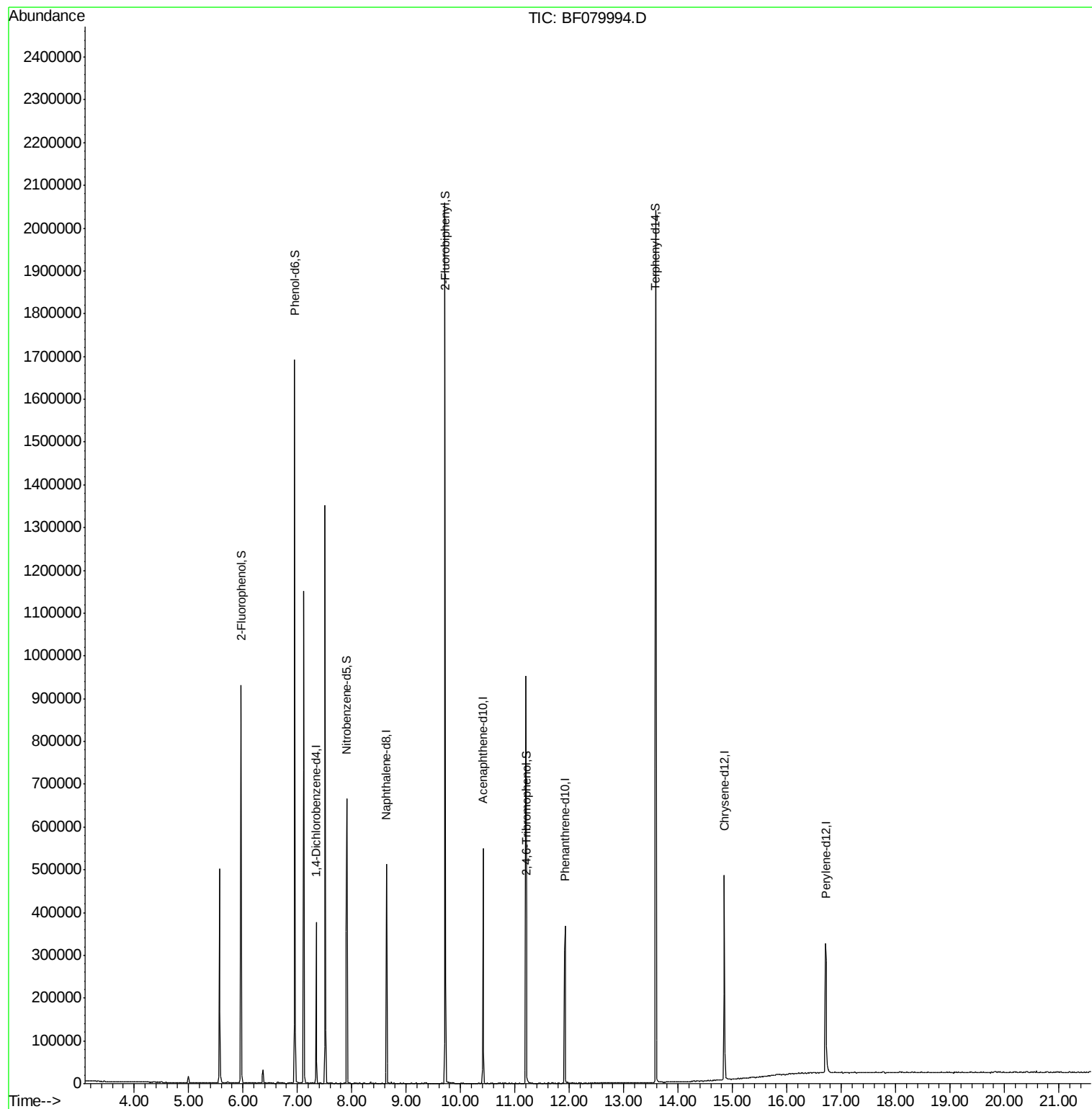
Target Compounds	Qvalue
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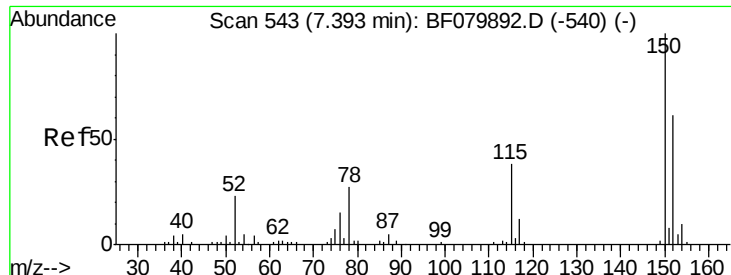
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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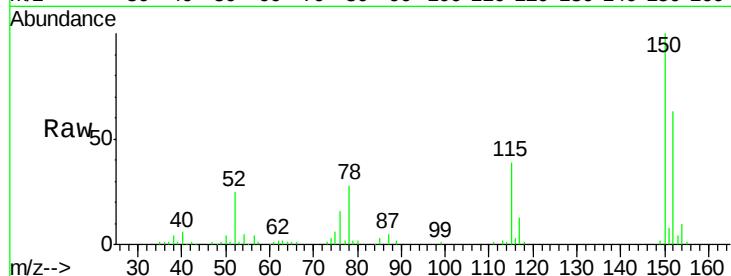




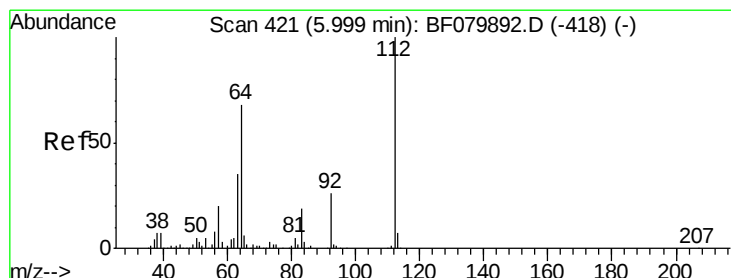
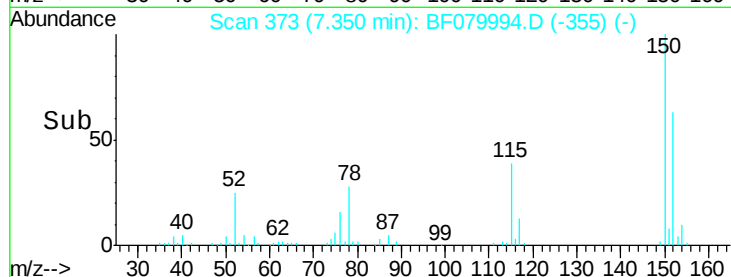
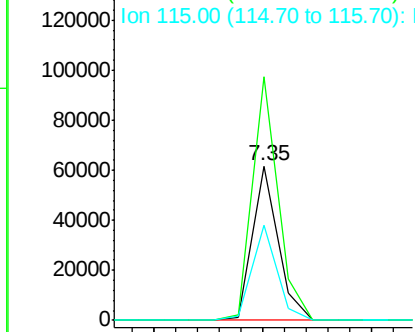
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BF079994.D
 Acq: 16 Jun 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PB84048TB

Tgt Ion:152 Resp: 50887
 Ion Ratio Lower Upper
 152 100
 150 157.6 131.0 196.4
 115 61.2 49.8 74.6

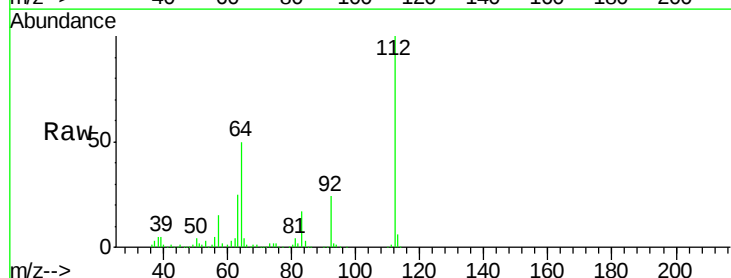


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

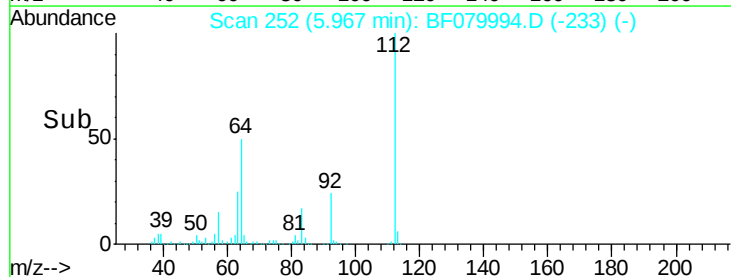
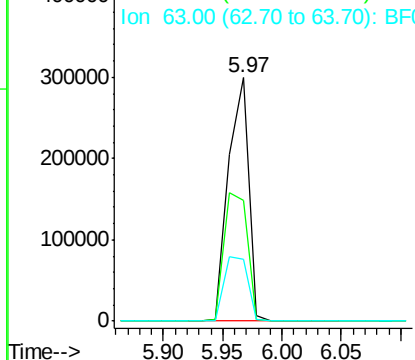


#5
 2-Fluorophenol
 Concen: 127.40 ng
 RT: 5.97 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: BF079994.D
 Acq: 16 Jun 2015 16:57

Tgt Ion:112 Resp: 353553
 Ion Ratio Lower Upper
 112 100
 64 49.8 54.5 81.7#
 63 25.2 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: 126.51 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF079994.D

Acq: 16 Jun 2015 16:57

Instrument :

BNA_F

ClientSampleId :

PB84048TB

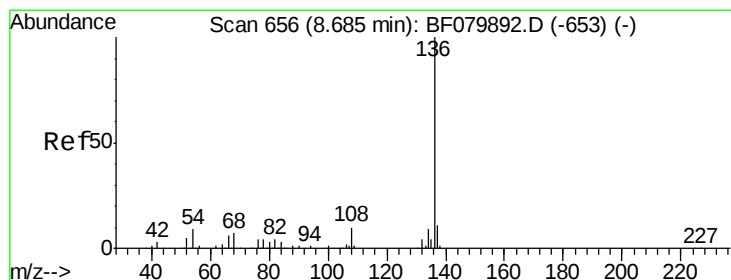
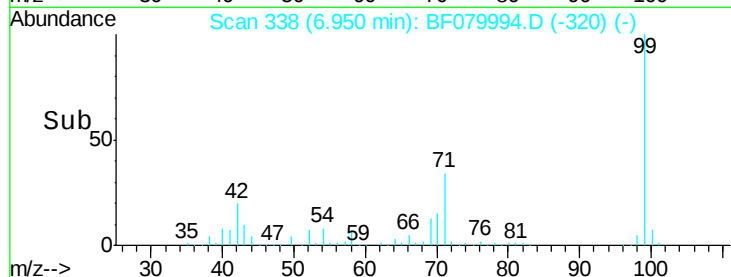
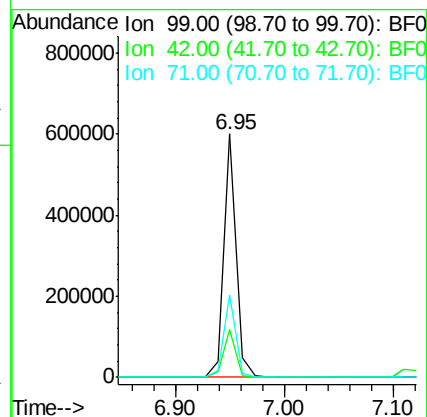
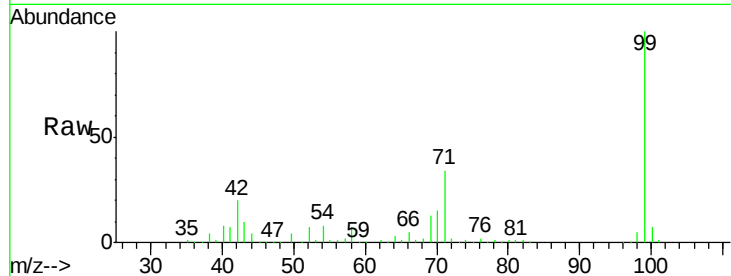
Tgt Ion: 99 Resp: 478317

Ion Ratio Lower Upper

99 100

42 19.8 12.9 19.3#

71 33.7 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF079994.D

Acq: 16 Jun 2015 16:57

Tgt Ion: 136 Resp: 198278

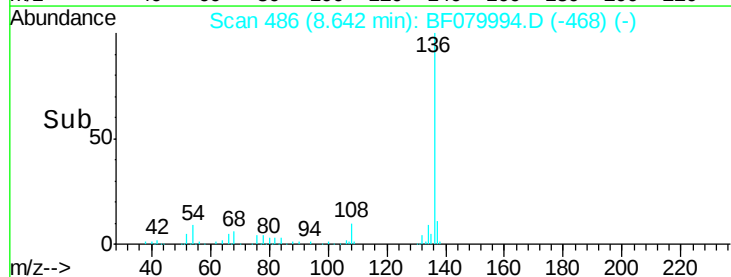
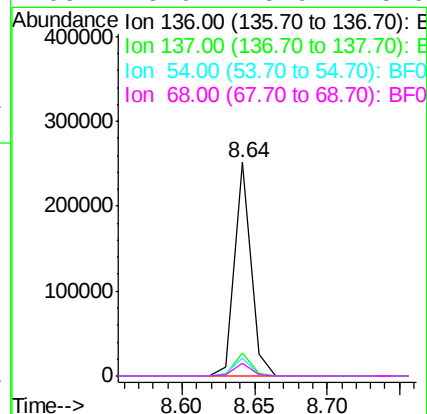
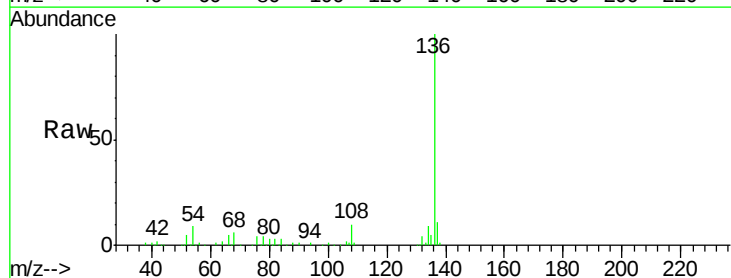
Ion Ratio Lower Upper

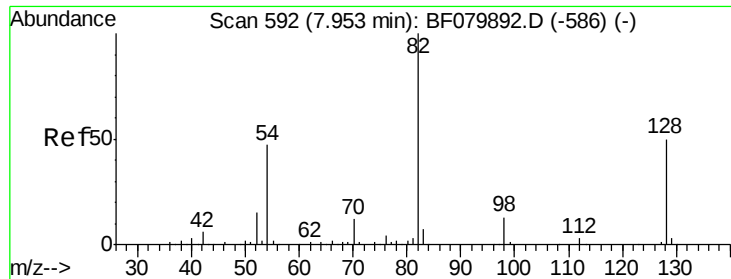
136 100

137 10.6 8.7 13.1

54 8.7 7.3 10.9

68 5.9 5.9 8.9#

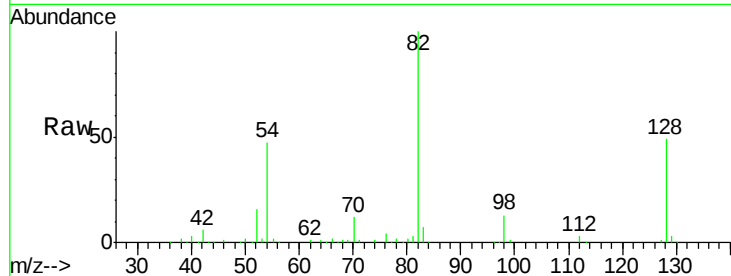




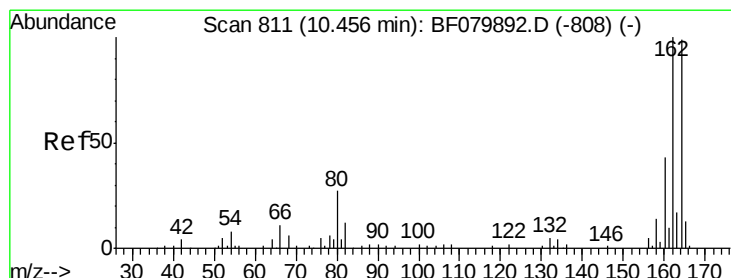
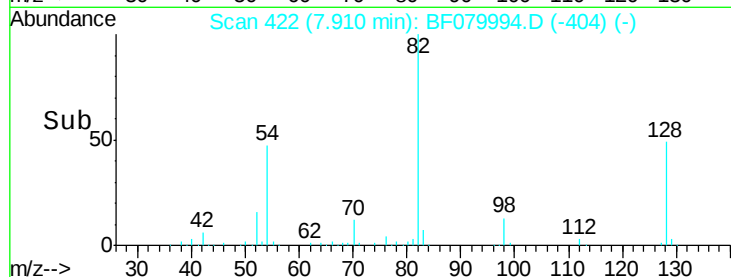
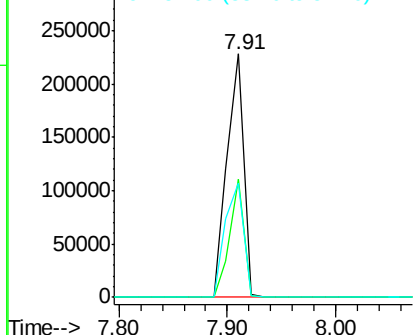
#23
 Nitrobenzene-d5
 Concen: 80.64 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF079994.D
 Acq: 16 Jun 2015 16:57

Instrument :
 BNA_F
 ClientSampled :
 PB84048TB

Tgt Ion: 82 Resp: 242352
 Ion Ratio Lower Upper
 82 100
 128 48.7 40.3 60.5
 54 46.7 38.0 57.0

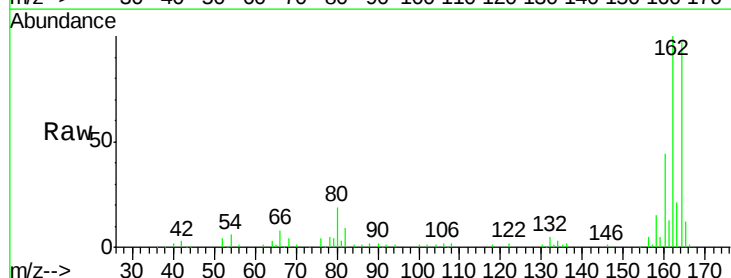


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

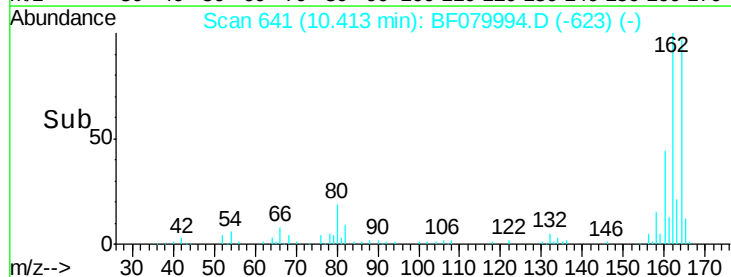
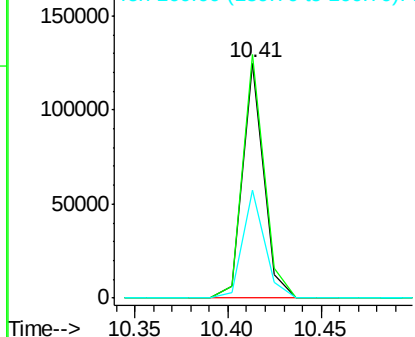


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF079994.D
 Acq: 16 Jun 2015 16:57

Tgt Ion: 164 Resp: 98851
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.7 121.1
 160 46.0 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

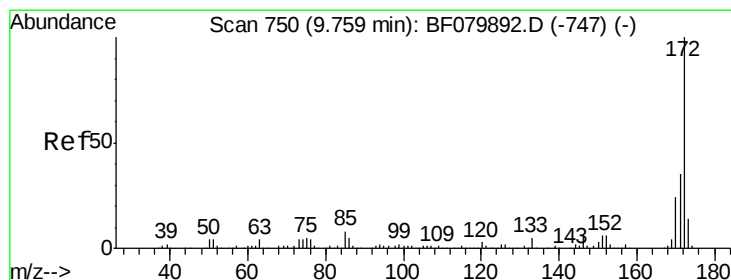
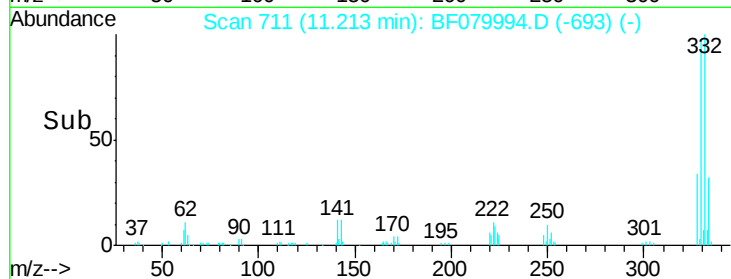
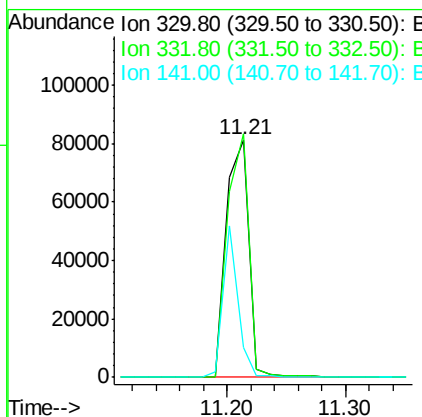
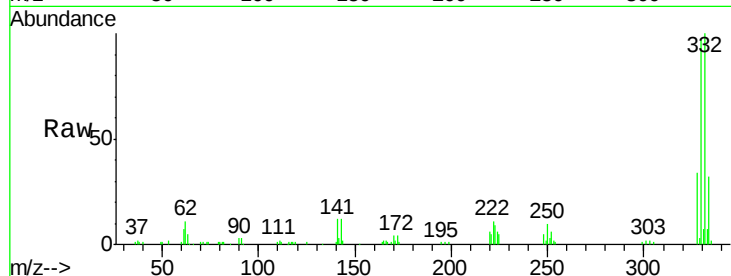




#41
 2,4,6-Tribromophenol
 Concen: 107.90 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF079994.D
 Acq: 16 Jun 2015 16:57

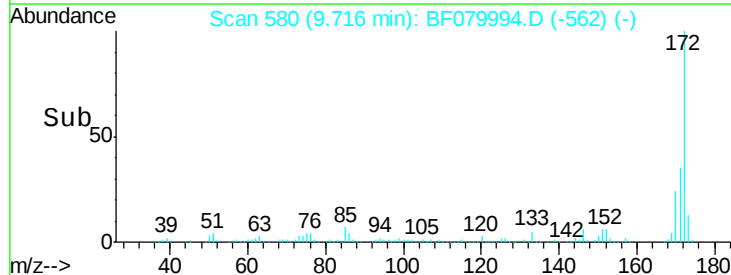
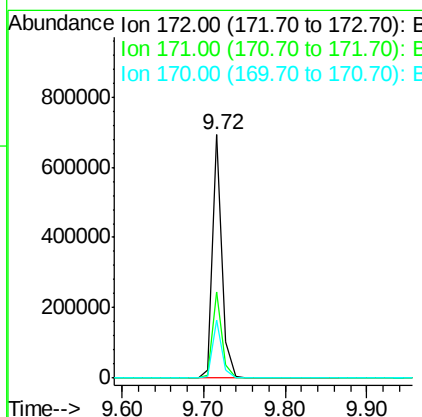
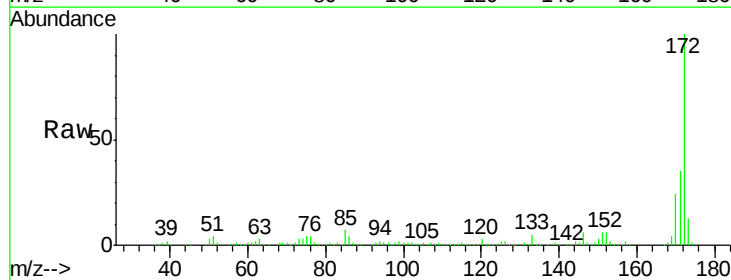
Instrument :
 BNA_F
 ClientSampled :
 PB84048TB

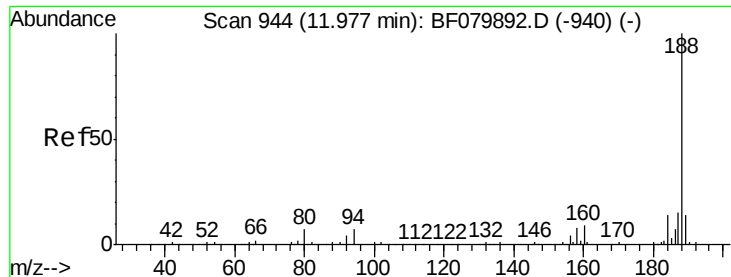
Tgt Ion:330 Resp: 106910
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 41.8 26.8 40.2#



#44
 2-Fluorobiphenyl
 Concen: 80.92 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF079994.D
 Acq: 16 Jun 2015 16:57

Tgt Ion:172 Resp: 571221
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 24.1 19.0 28.4

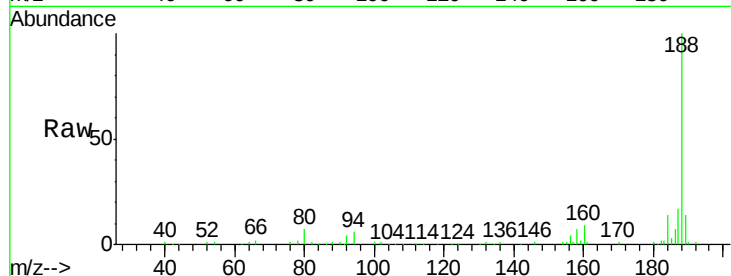




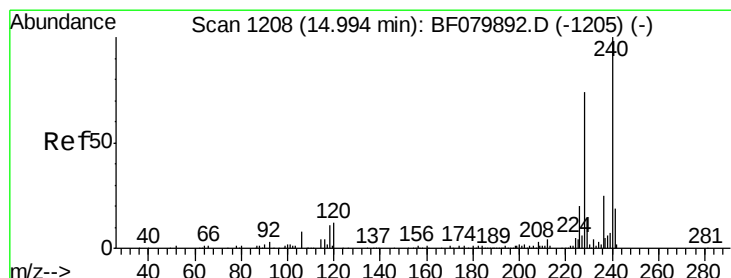
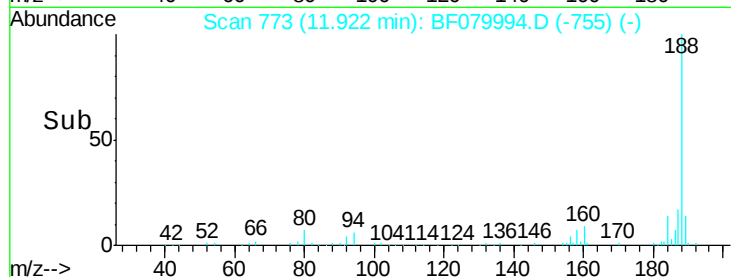
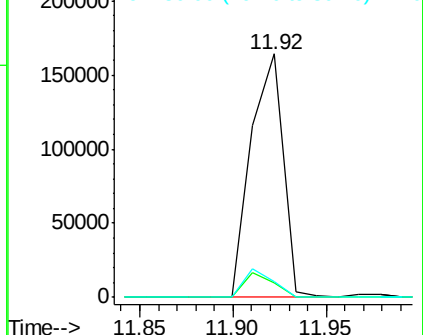
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF079994.D
Acq: 16 Jun 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB84048TB

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	196230		
94	6.1		5.8	8.8
80	6.6		5.9	8.9

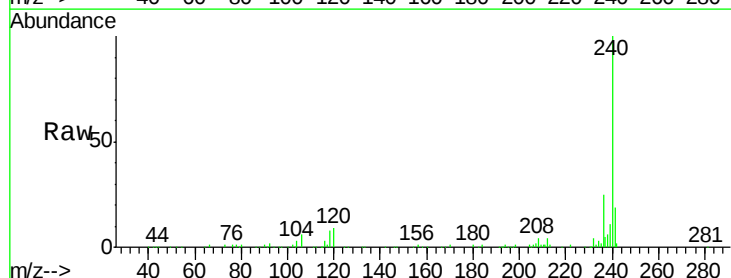


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

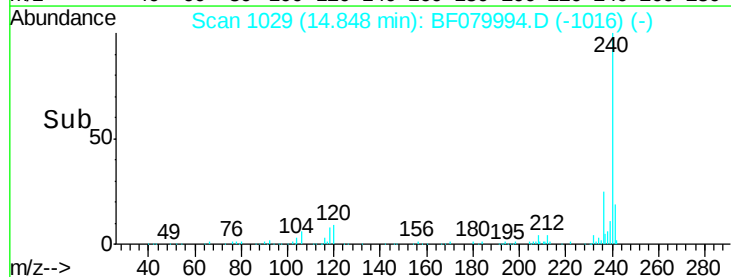
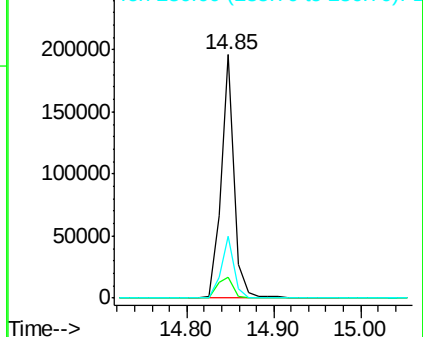


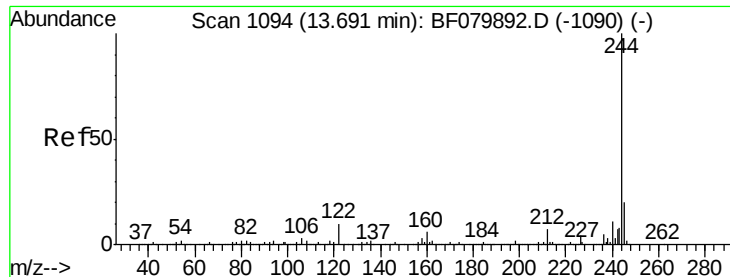
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.85 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF079994.D
Acq: 16 Jun 2015 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	205979		
120	8.7		9.4	14.2#
236	25.2		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: 80.04 ng

RT: 13.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF079994.D

Acq: 16 Jun 2015 16:57

Instrument :

BNA_F

ClientSampleId :

PB84048TB

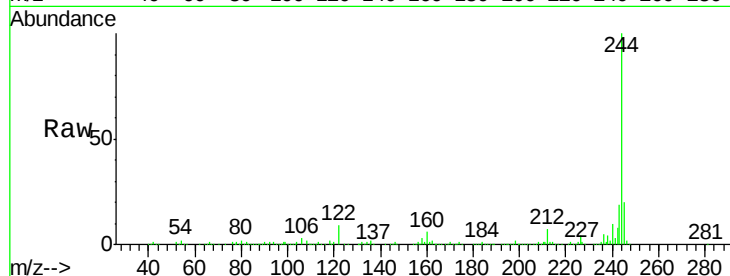
Tgt Ion:244 Resp: 715084

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

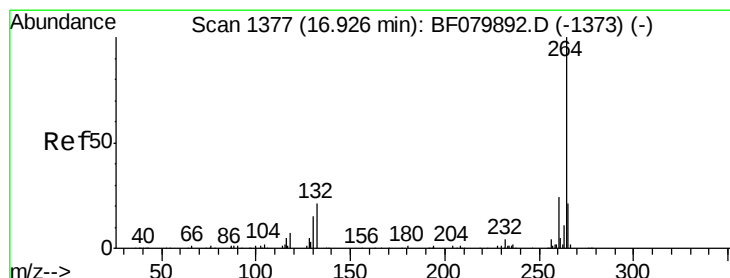
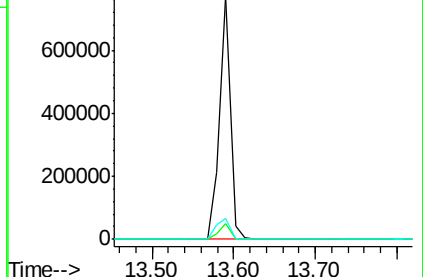
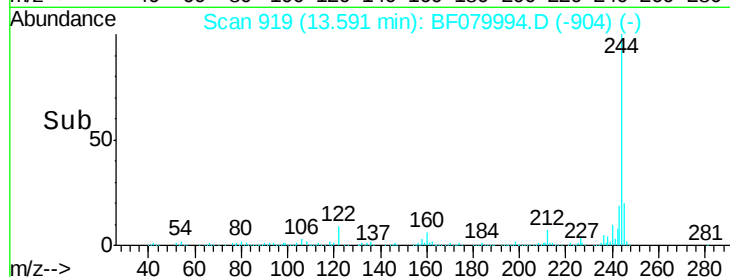
122 8.6 7.8 11.8



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: BF079994.D

Acq: 16 Jun 2015 16:57

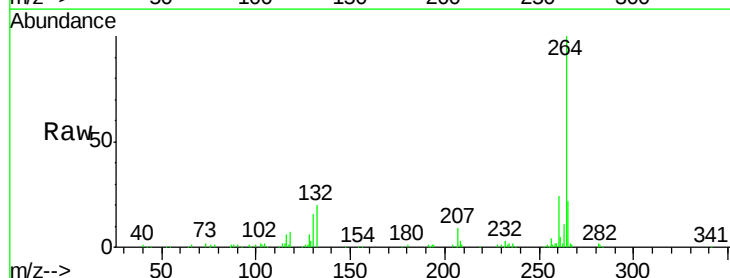
Tgt Ion:264 Resp: 197002

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.4 17.0 25.6



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

