

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079993.D
 Acq On : 16 Jun 2015 16:28
 Operator : TP/IZ
 Sample : PB84048BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BL

Quant Time: Jun 17 02:45:48 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	46694	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	188376	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	92107	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	182318	20.00	ng	0.00
75) Chrysene-d12	14.84	240	198416	20.00	ng	-0.07
86) Perylene-d12	16.70	264	192791	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.97	112	343154	134.76	ng	0.01
7) Phenol-d6	6.95	99	457631	131.91	ng	0.00
23) Nitrobenzene-d5	7.91	82	234655	82.19	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	104286	112.82	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	555940	84.52	ng	0.00
78) Terphenyl-d14	13.58	244	669418	77.78	ng	-0.05

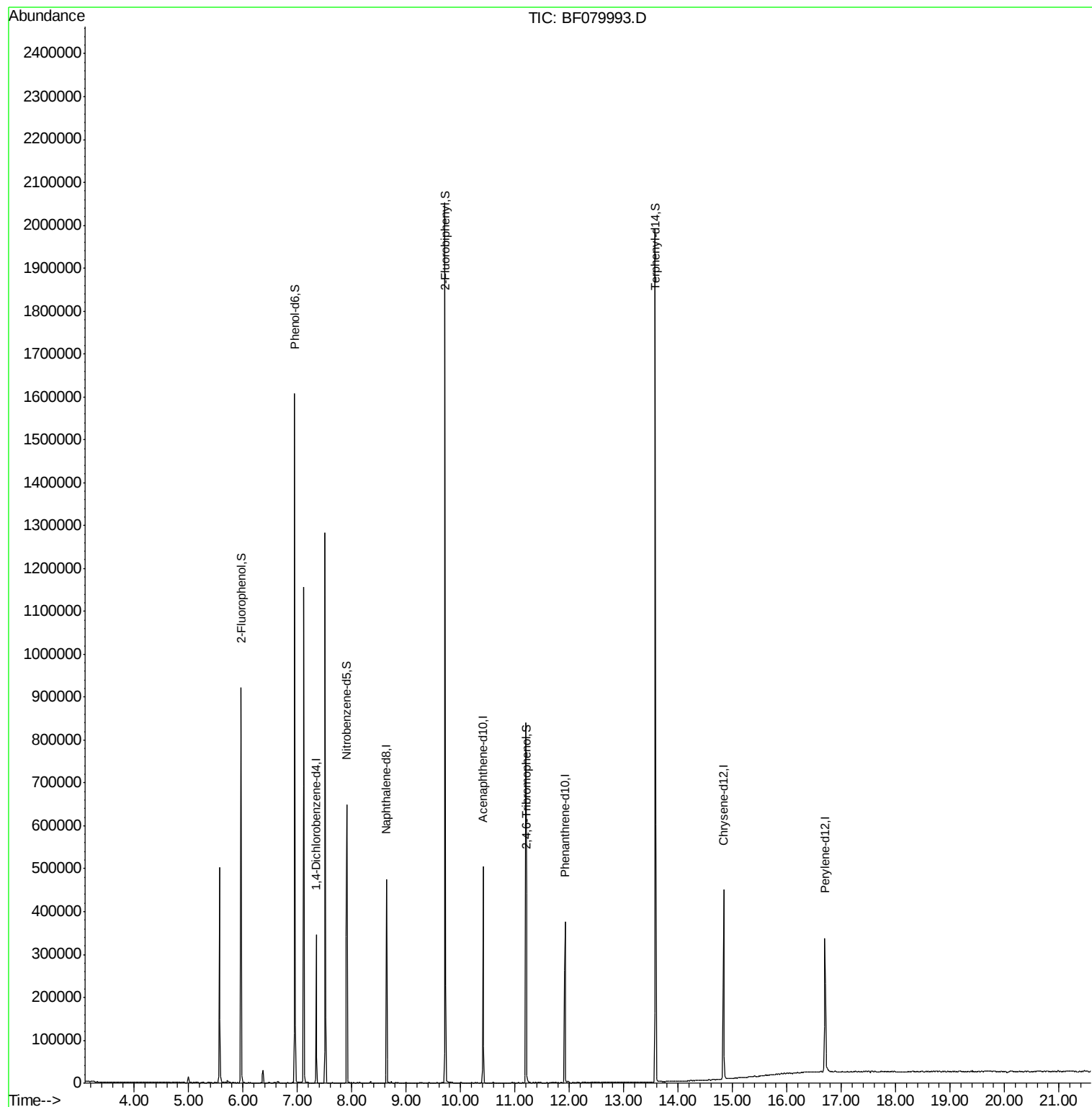
Target Compounds	Qvalue
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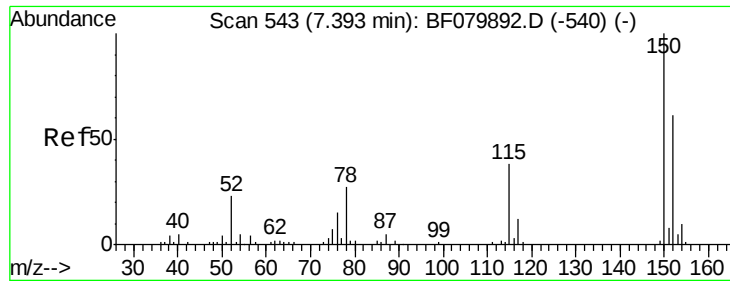
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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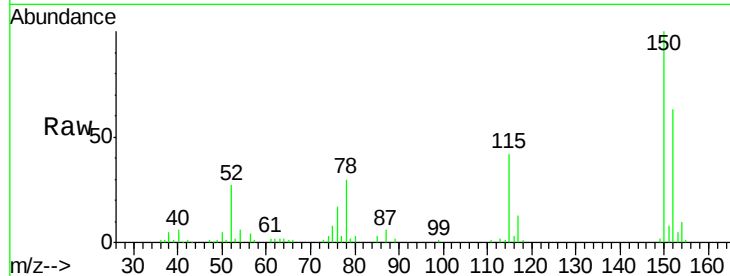




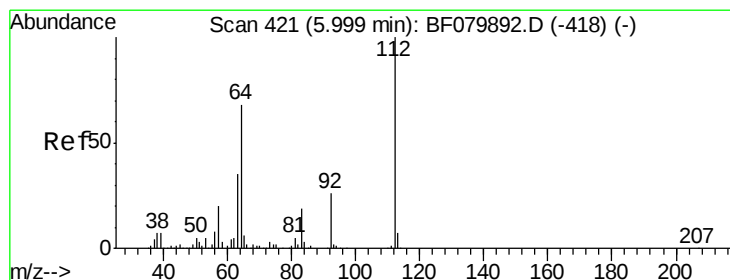
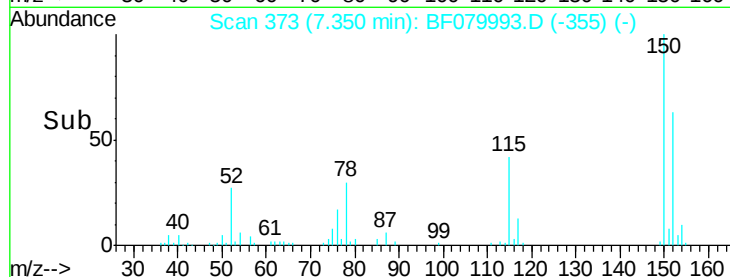
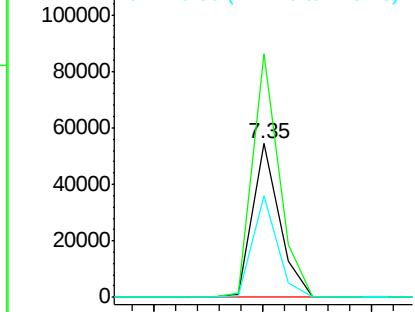
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BF079993.D
 Acq: 16 Jun 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BL

Tgt Ion:152 Resp: 46694
 Ion Ratio Lower Upper
 152 100
 150 158.4 131.0 196.4
 115 66.3 49.8 74.6

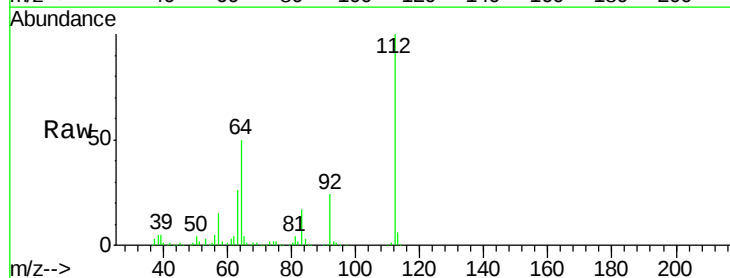


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

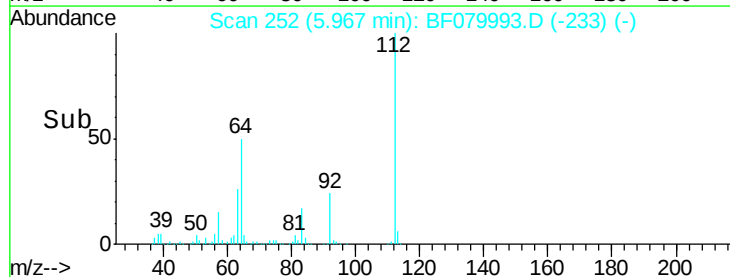
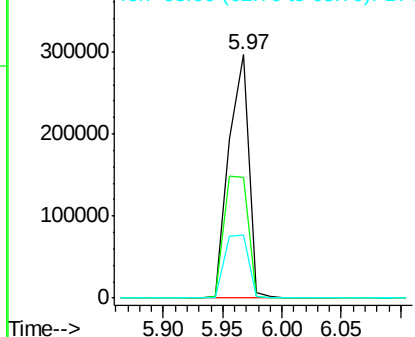


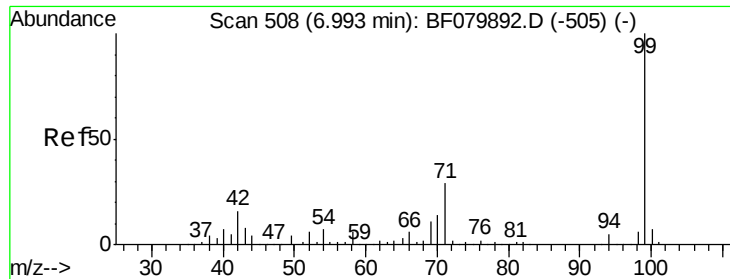
#5
 2-Fluorophenol
 Concen: 134.76 ng
 RT: 5.97 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: BF079993.D
 Acq: 16 Jun 2015 16:28

Tgt Ion:112 Resp: 343154
 Ion Ratio Lower Upper
 112 100
 64 49.7 54.5 81.7#
 63 26.0 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: 131.91 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF079993.D

Acq: 16 Jun 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84048BL

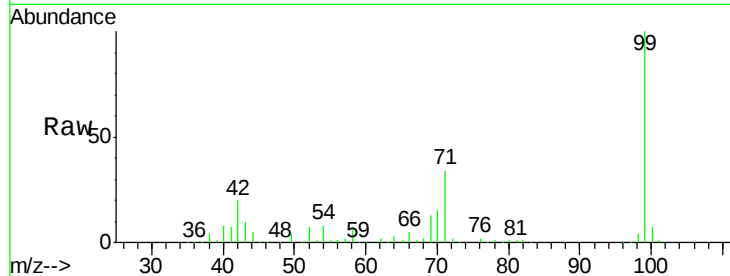
Tgt Ion: 99 Resp: 457631

Ion Ratio Lower Upper

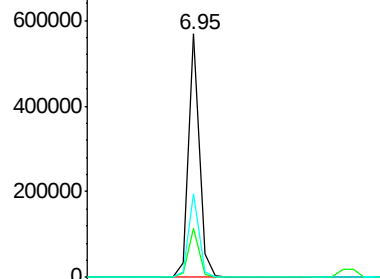
99 100

42 20.1 12.9 19.3#

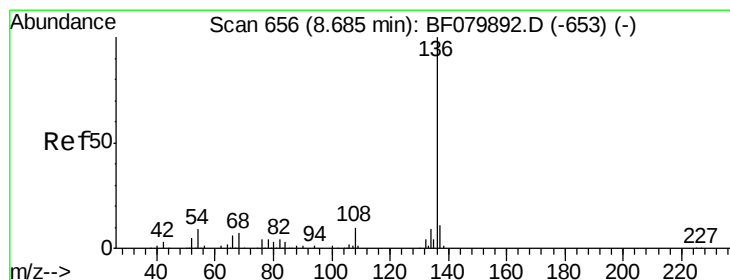
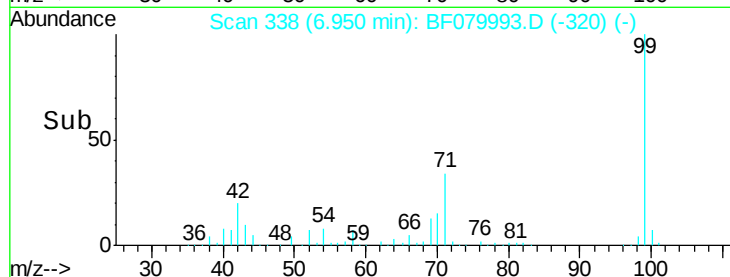
71 34.1 23.4 35.2



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF079993.D

Acq: 16 Jun 2015 16:28

Tgt Ion: 136 Resp: 188376

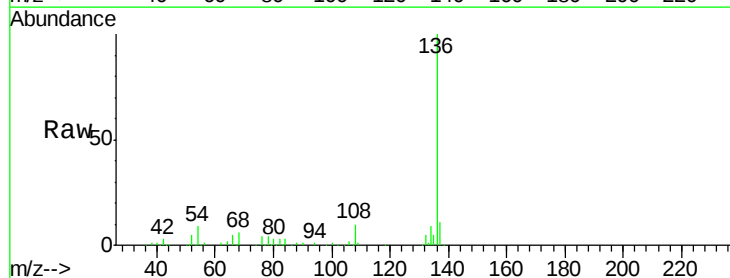
Ion Ratio Lower Upper

136 100

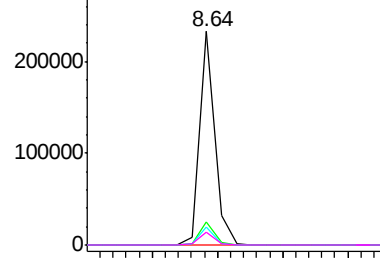
137 10.9 8.7 13.1

54 8.5 7.3 10.9

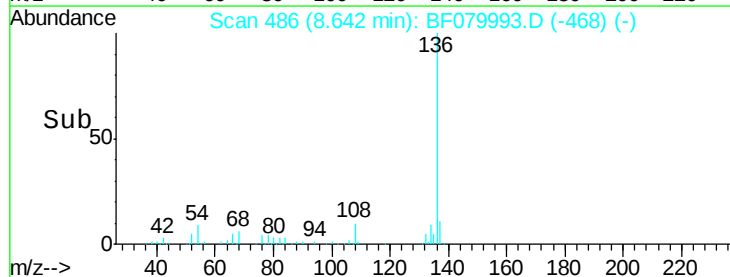
68 6.2 5.9 8.9

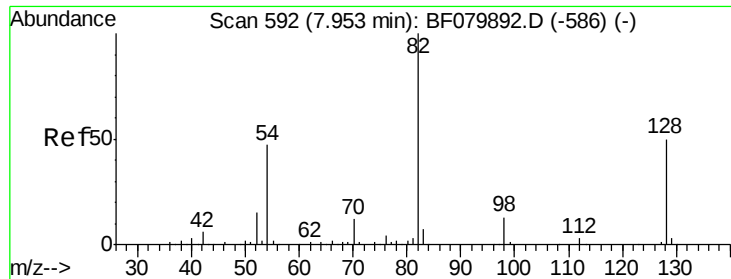


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



Time-->

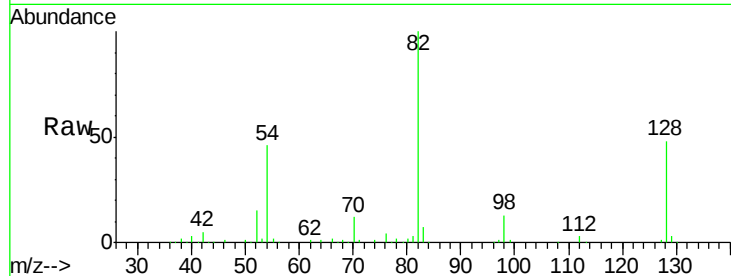




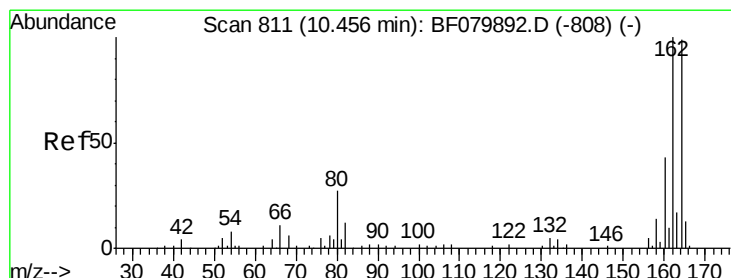
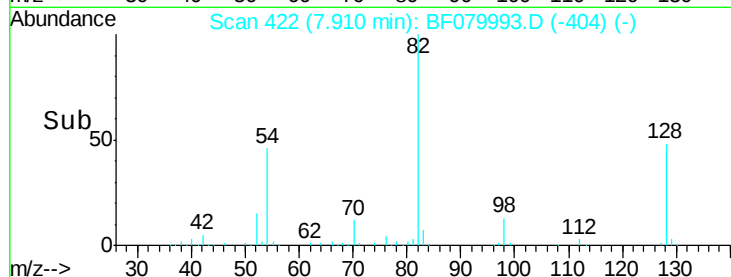
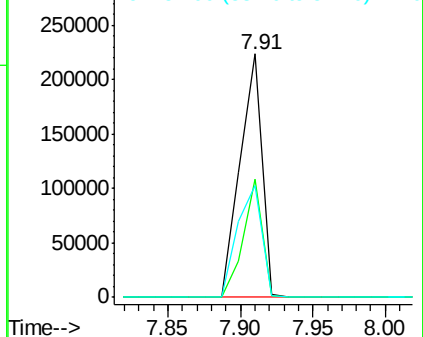
#23
Nitrobenzene-d5
Concen: 82.19 ng
RT: 7.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF079993.D
Acq: 16 Jun 2015 16:28

Instrument :
BNA_F
ClientSampleId :
PB84048BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	40.3	60.5
54	45.7	38.0	57.0

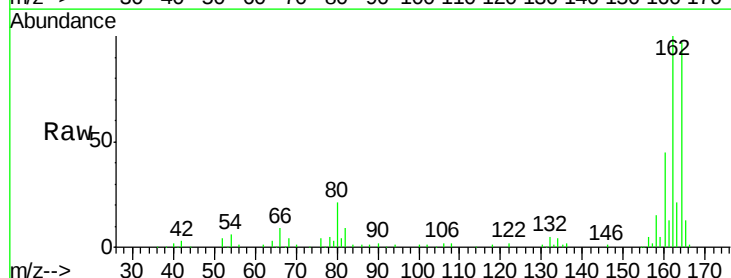


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

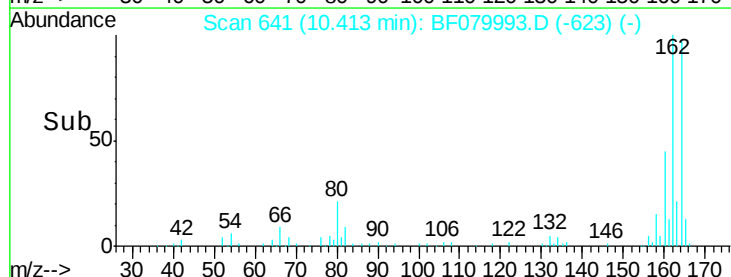
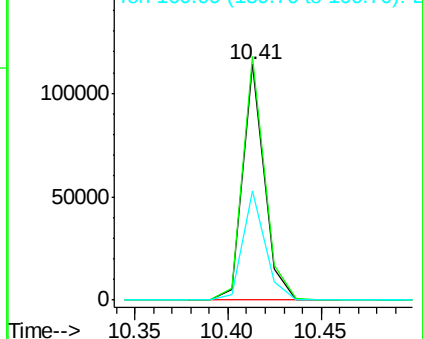


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF079993.D
Acq: 16 Jun 2015 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.7	121.1
160	46.3	34.6	51.8



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

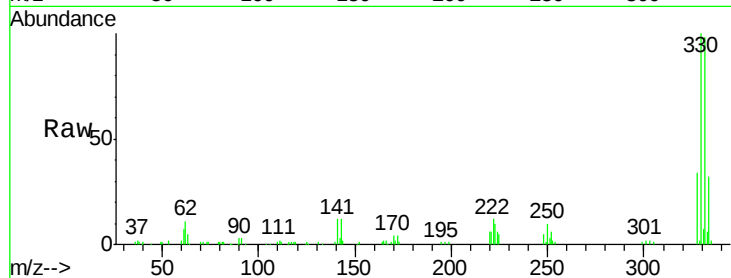




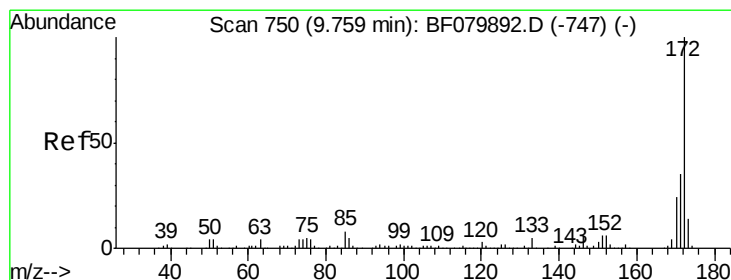
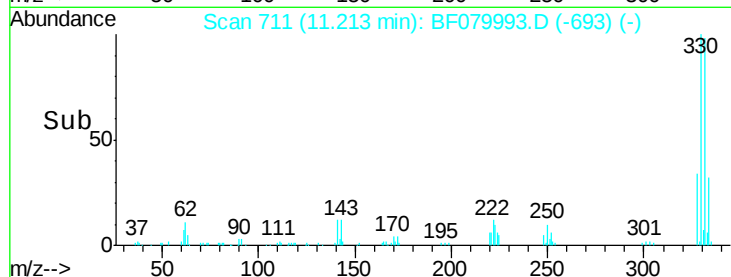
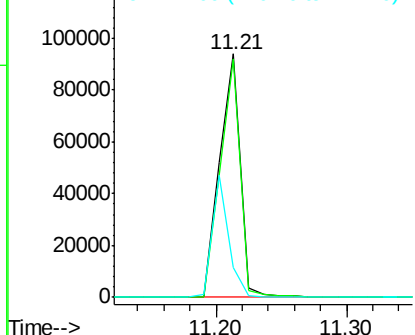
#41
 2,4,6-Tribromophenol
 Concen: 112.82 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF079993.D
 Acq: 16 Jun 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BL

Tgt Ion:330 Resp: 104286
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 40.1 26.8 40.2

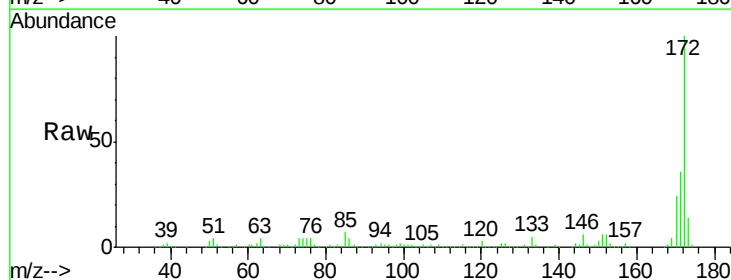


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

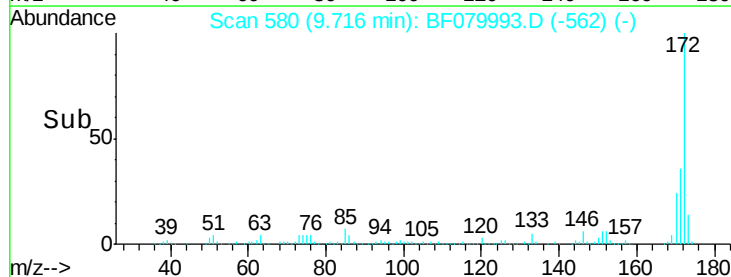
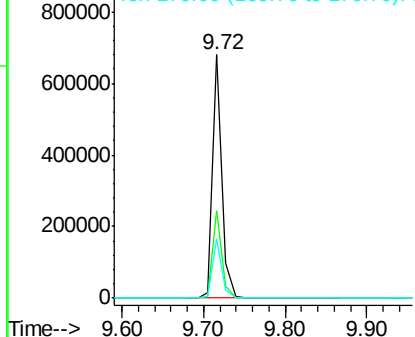


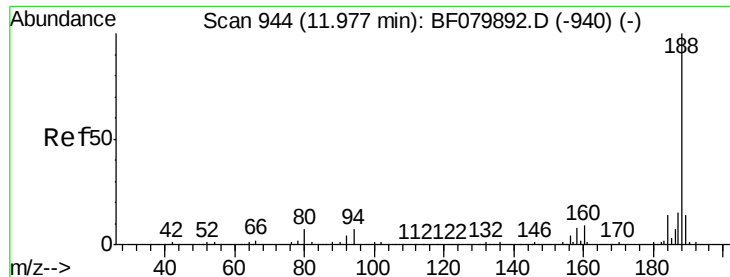
#44
 2-Fluorobiphenyl
 Concen: 84.52 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF079993.D
 Acq: 16 Jun 2015 16:28

Tgt Ion:172 Resp: 555940
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

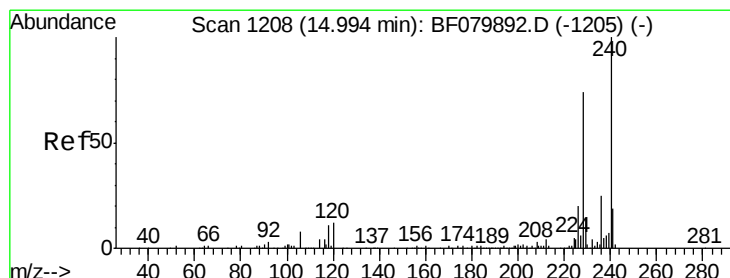
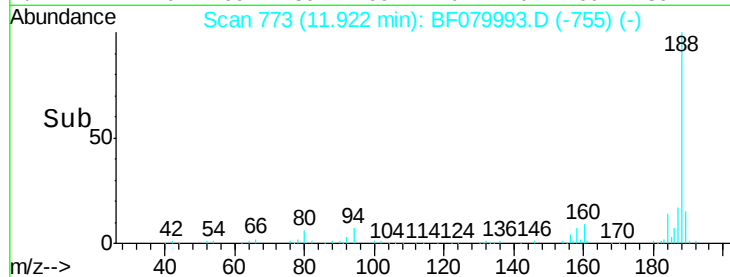
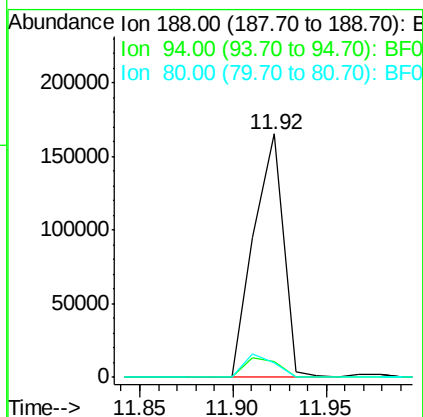
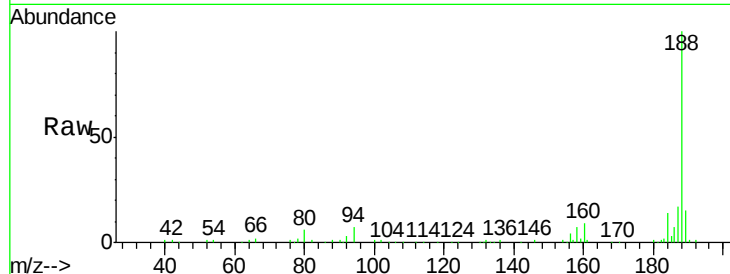




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF079993.D
Acq: 16 Jun 2015 16:28

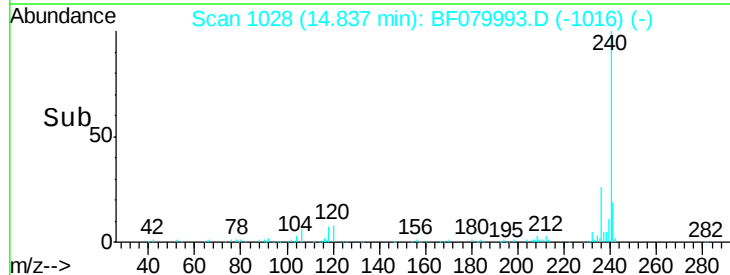
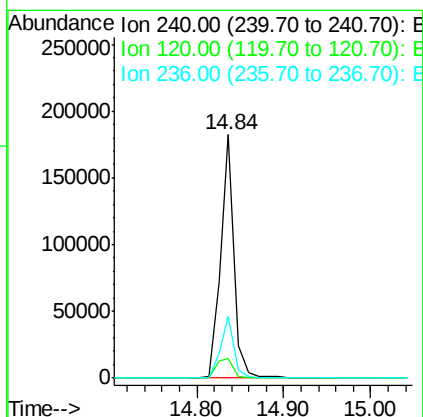
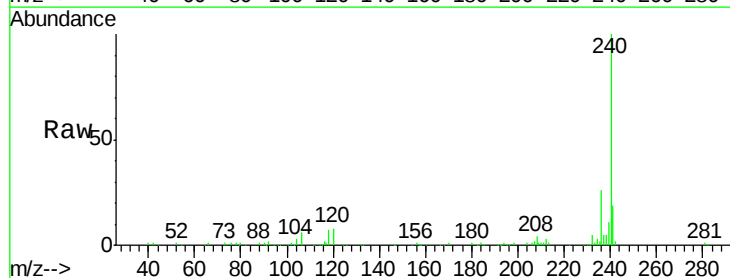
Instrument :
BNA_F
ClientSampleId :
PB84048BL

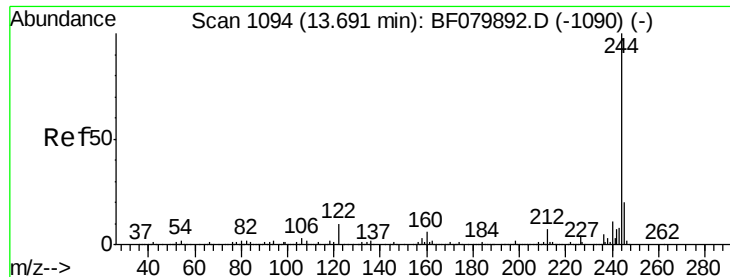
Tgt Ion:188 Resp: 182318
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 5.7 5.9 8.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.84 min Scan# 1028
Delta R.T. -0.07 min
Lab File: BF079993.D
Acq: 16 Jun 2015 16:28

Tgt Ion:240 Resp: 198416
Ion Ratio Lower Upper
240 100
120 8.2 9.4 14.2#
236 25.6 19.6 29.4





#78

Terphenyl-d14

Concen: 77.78 ng

RT: 13.58 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF079993.D

Acq: 16 Jun 2015 16:28

Instrument :

BNA_F

ClientSampleId :

PB84048BL

Tgt Ion:244 Resp: 669418

Ion Ratio Lower Upper

244 100

212 7.2

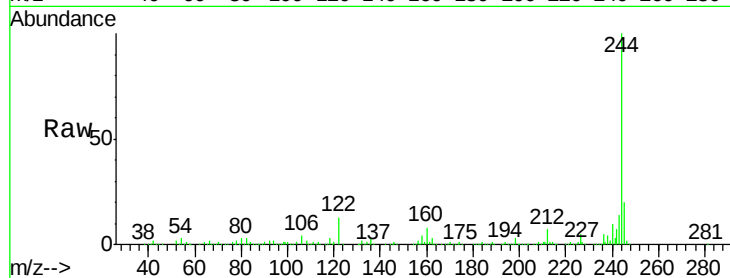
5.4

8.2

122 12.6

7.8

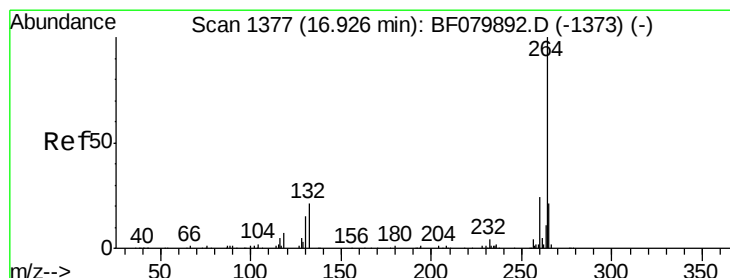
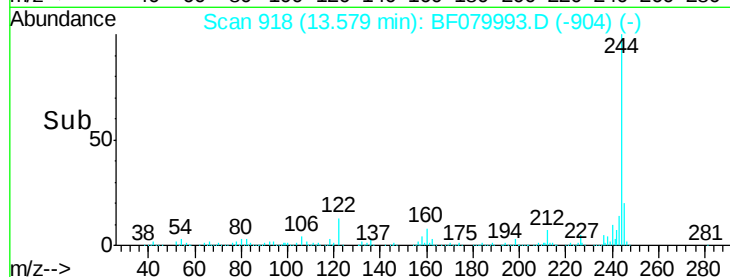
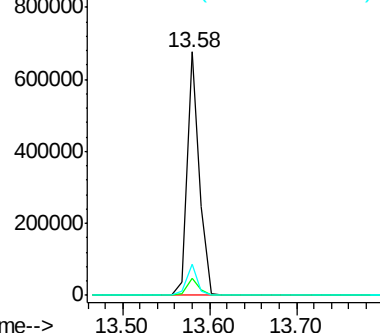
11.8#



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: 16.70 min Scan# 1191

Delta R.T. -0.10 min

Lab File: BF079993.D

Acq: 16 Jun 2015 16:28

Tgt Ion:264 Resp: 192791

Ion Ratio Lower Upper

264 100

260 23.3

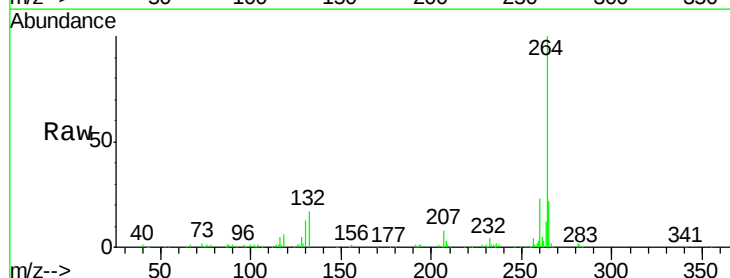
19.3

28.9

265 21.7

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

