

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079565.D
 Acq On : 29 May 2015 17:31
 Operator : TP/IZ
 Sample : PB83653BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BL

Quant Time: May 29 23:54:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99534	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	420199	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	210349	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	402558	20.00	ng	0.00
75) Chrysene-d12	15.83	240	371182	20.00	ng	-0.05
86) Perylene-d12	17.66	264	357392	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	570583	99.43	ng	0.00
7) Phenol-d6	6.55	99	730153	99.82	ng	0.00
23) Nitrobenzene-d5	7.66	82	397402	54.67	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	219227	94.89	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	818287	55.50	ng	-0.01
78) Terphenyl-d14	14.53	244	921031	58.23	ng	0.00

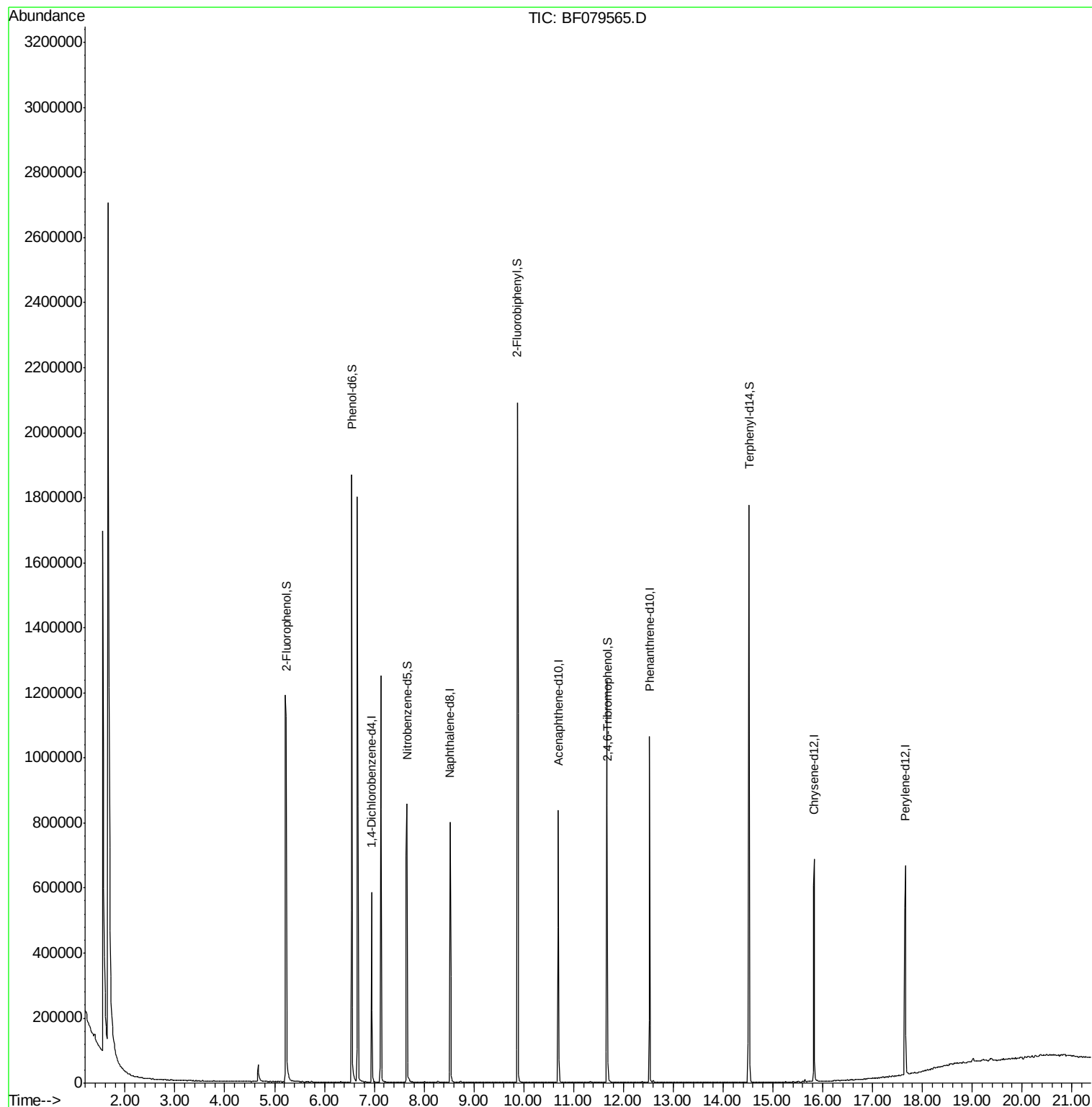
Target Compounds Qvalue

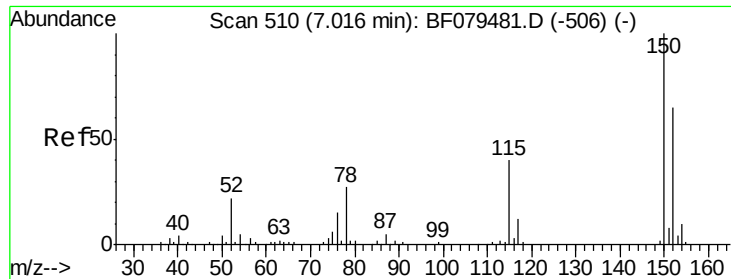
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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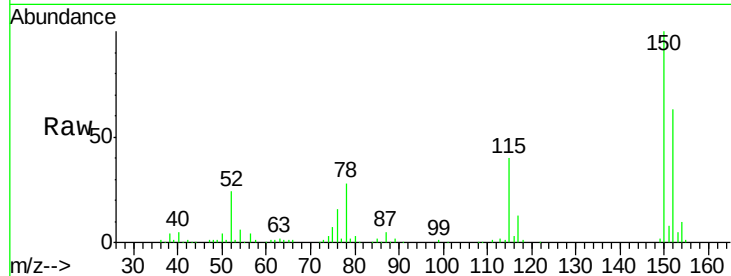


#1

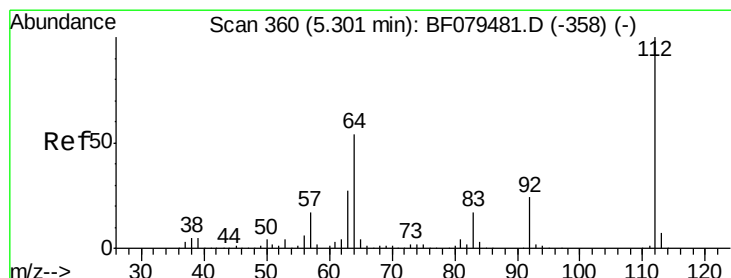
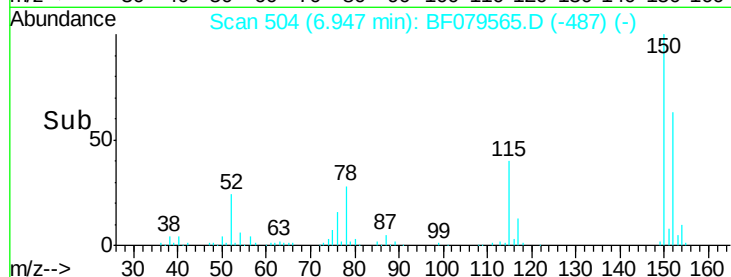
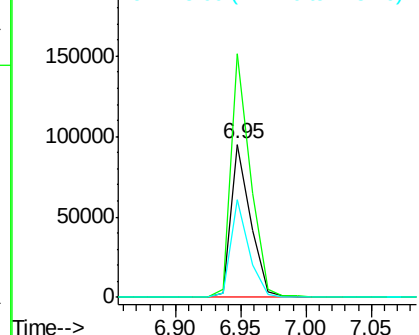
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079565.D
Acq: 29 May 2015 17:31

Instrument :
BNA_F
ClientSampleId :
PB83653BL

Tot Ion:152 Resp: 99534
Ion Ratio Lower Upper
152 100
150 158.8 124.0 186.0
115 64.0 49.6 74.4



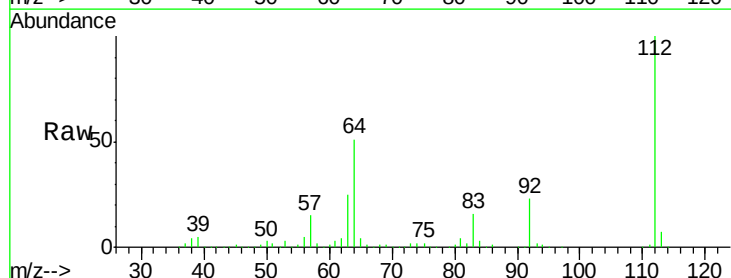
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



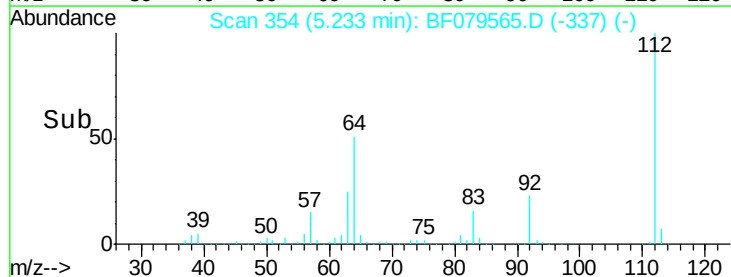
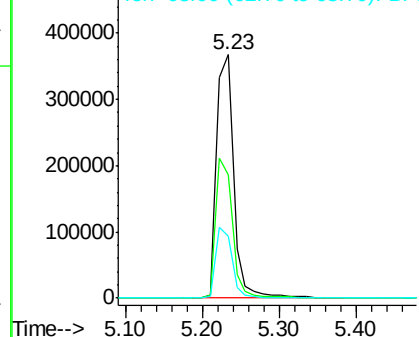
#5

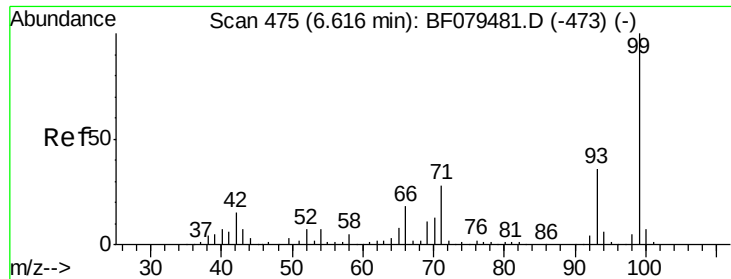
2-Fluorophenol
Concen: 99.43 ng
RT: 5.23 min Scan# 354
Delta R.T. -0.00 min
Lab File: BF079565.D
Acq: 29 May 2015 17:31

Tgt Ion:112 Resp: 570583
Ion Ratio Lower Upper
112 100
64 50.7 43.5 65.3
63 25.2 21.8 32.8



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: 99.82 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB83653BL

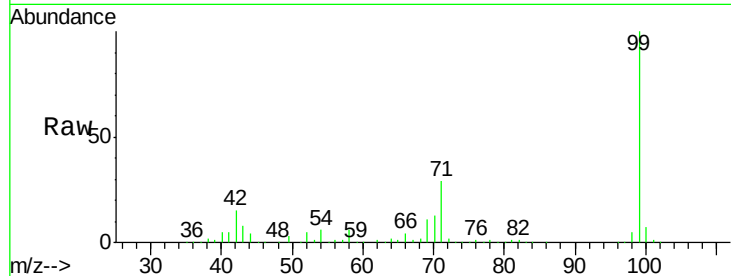
Tot Ion: 99 Resp: 730153

Ion Ratio Lower Upper

99 100

42 15.3 11.9 17.9

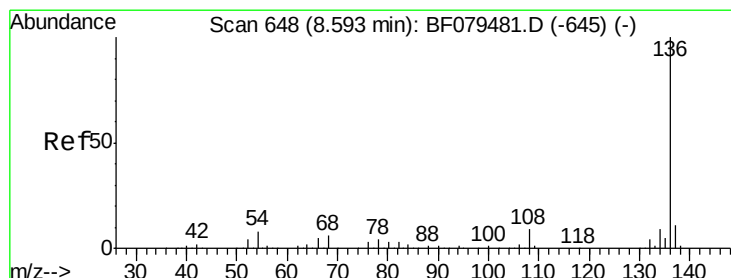
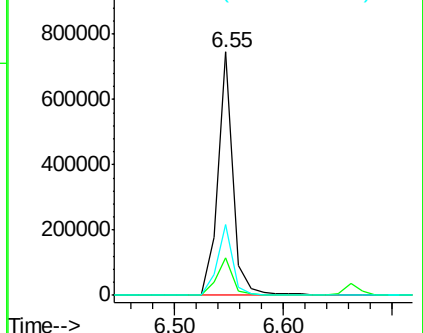
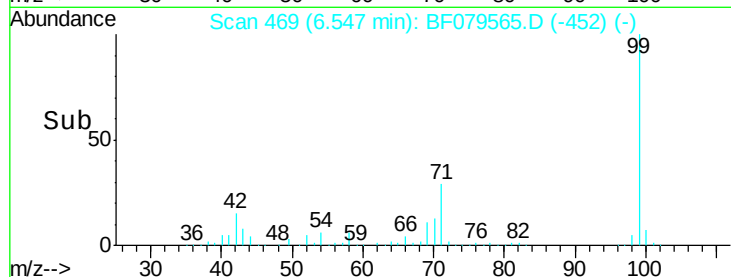
71 29.1 22.1 33.1



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: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

Tgt Ion: 136 Resp: 420199

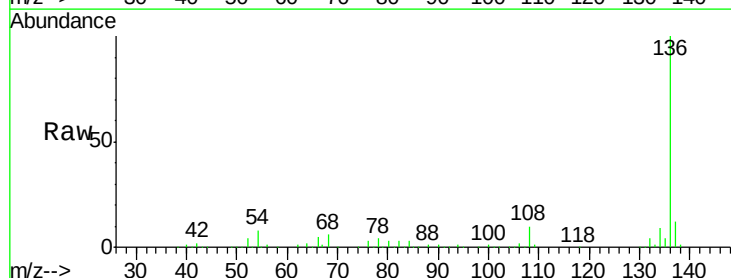
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 8.3 6.6 9.8

68 6.4 4.7 7.1

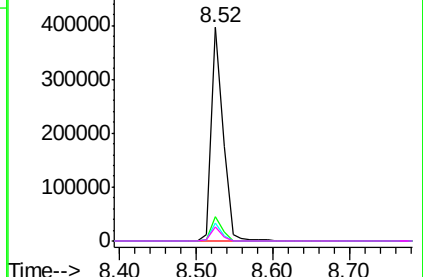
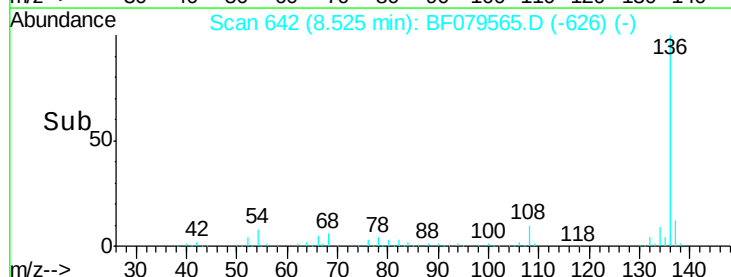


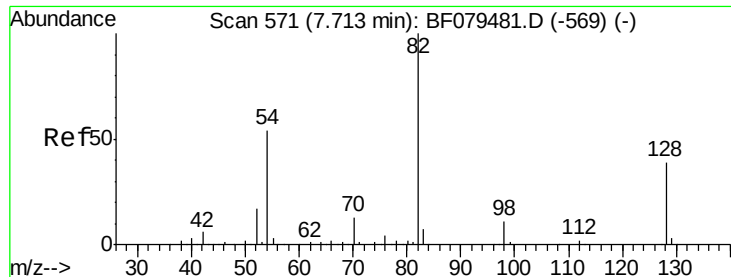
Abundance Ion 136.00 (135.70 to 136.70): E

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

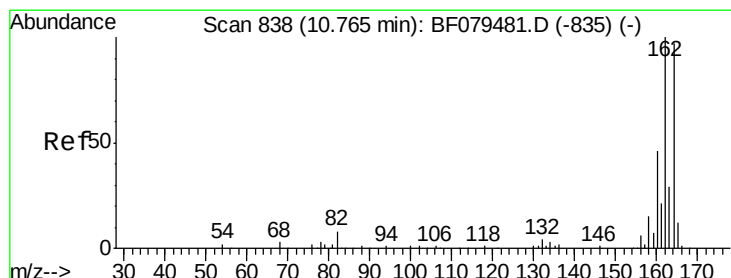
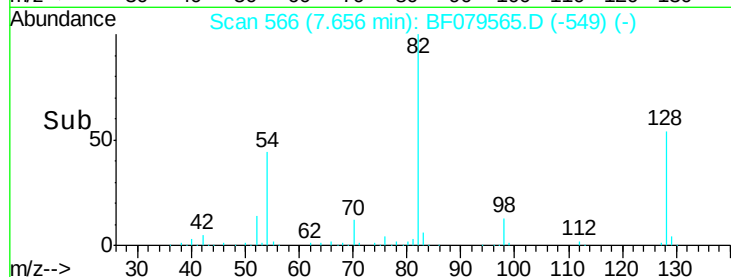
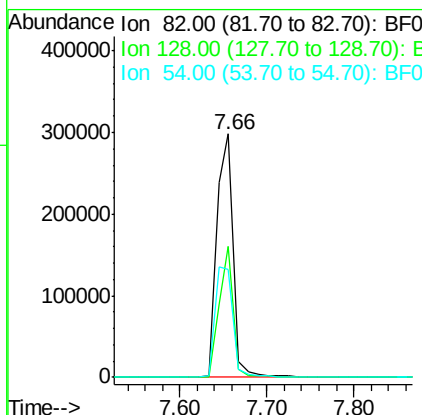
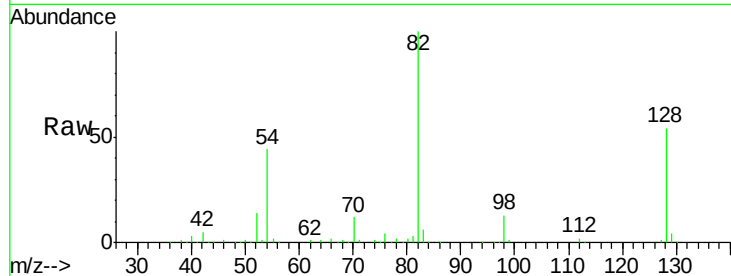




#23
 Nitrobenzene-d5
 Concen: 54.67 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079565.D
 Acq: 29 May 2015 17:31

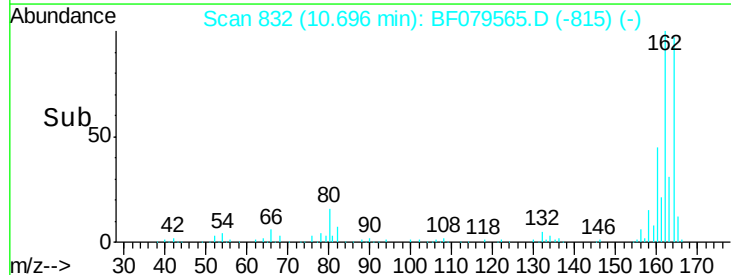
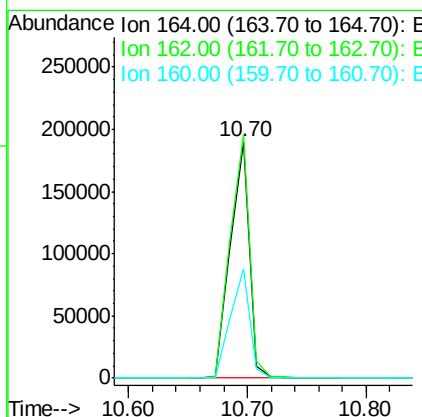
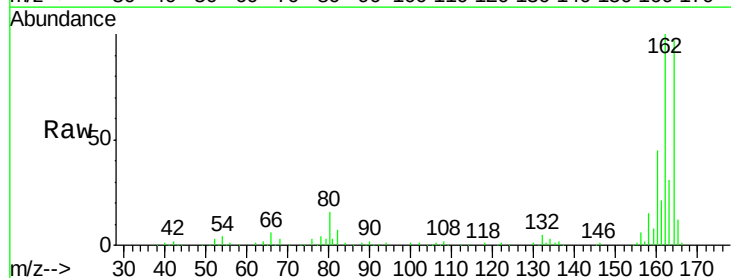
Instrument :
 BNA_F
 ClientSampleId :
 PB83653BL

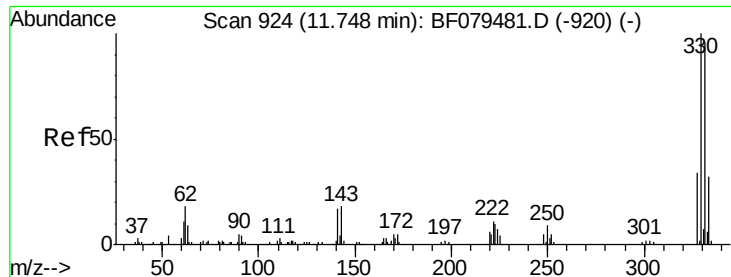
Tot Ion	82	Resp	397402
Ion Ratio	Lower	Upper	
82	100		
128	54.0	30.8	46.2#
54	44.4	42.8	64.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF079565.D
 Acq: 29 May 2015 17:31

Tgt Ion	164	Resp	210349
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.6	124.0
160	46.4	37.7	56.5

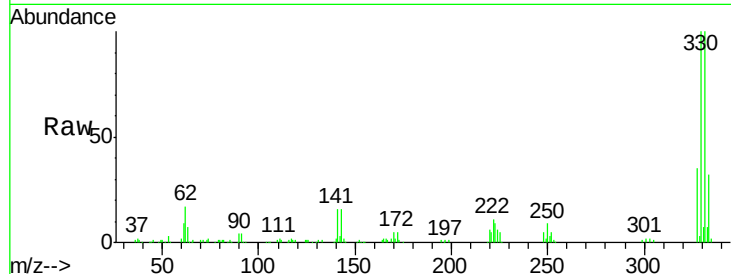




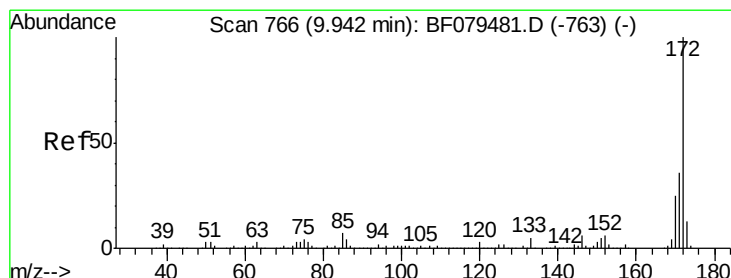
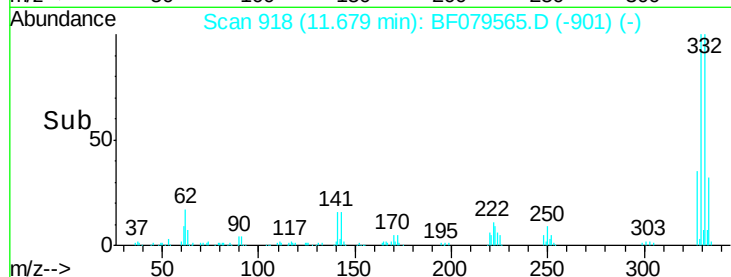
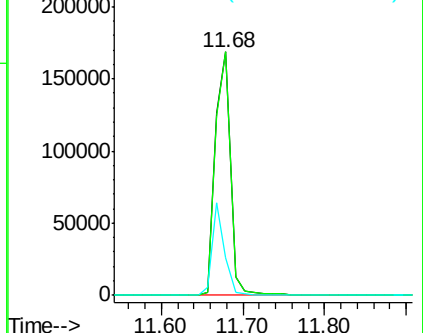
#41
 2,4,6-Tribromophenol
 Concen: 94.89 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079565.D
 Acq: 29 May 2015 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BL

Tot Ion:330 Resp: 219227
 Ion Ratio Lower Upper
 330 100
 332 99.2 0.0 0.0#
 141 31.1 0.0 0.0#

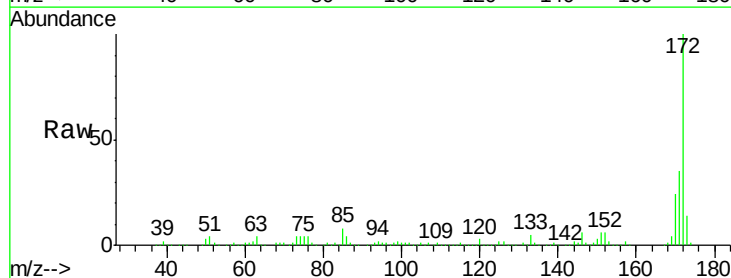


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

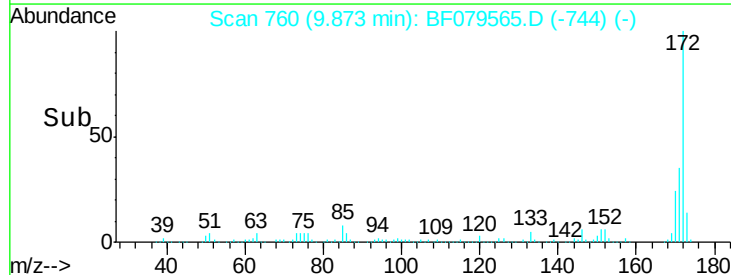
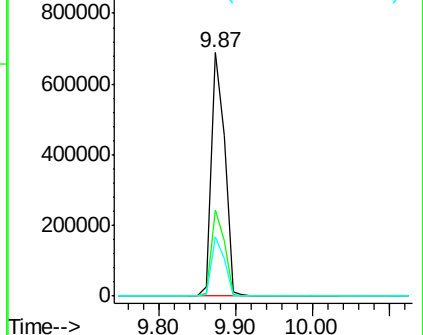


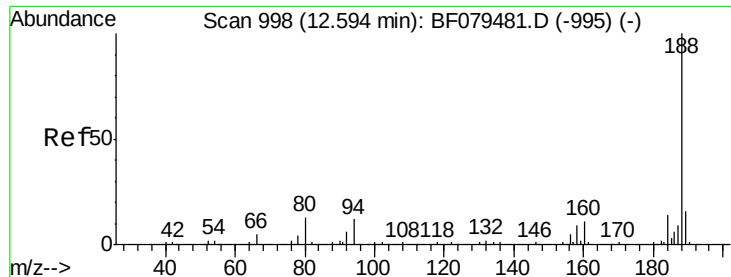
#44
 2-Fluorobiphenyl
 Concen: 55.50 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079565.D
 Acq: 29 May 2015 17:31

Tgt Ion:172 Resp: 818287
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.3 19.7 29.5



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

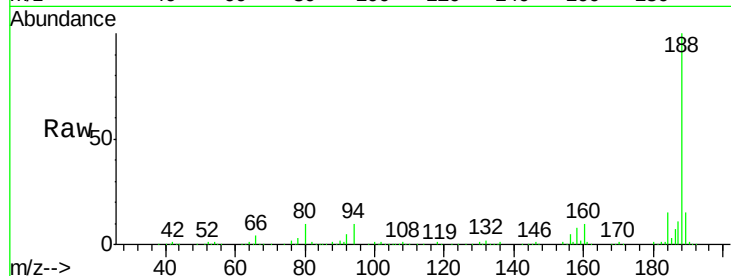




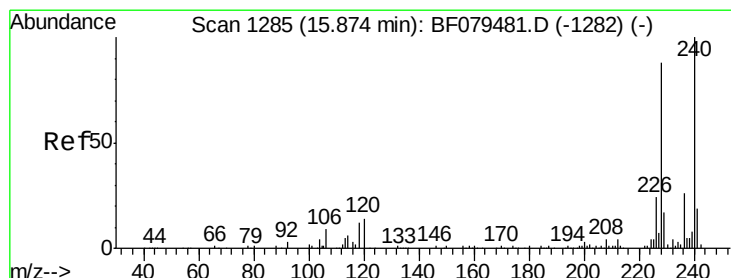
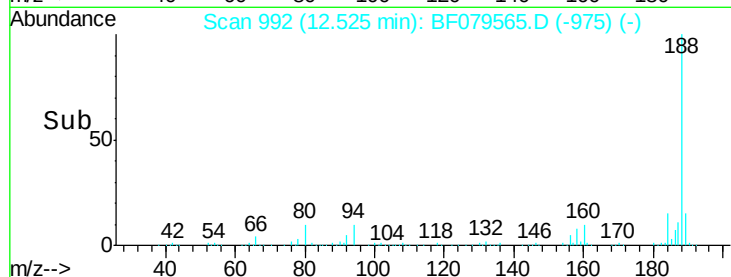
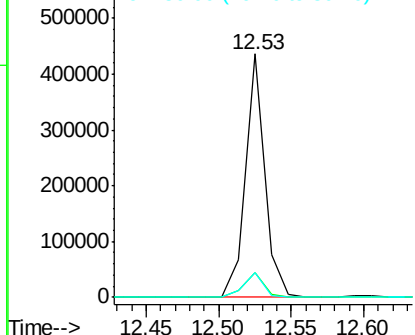
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF079565.D
Acq: 29 May 2015 17:31

Instrument :
BNA_F
ClientSampleId :
PB83653BL

Tot Ion:188 Resp: 402558
Ion Ratio Lower Upper
188 100
94 10.1 9.8 14.6
80 10.2 10.5 15.7#

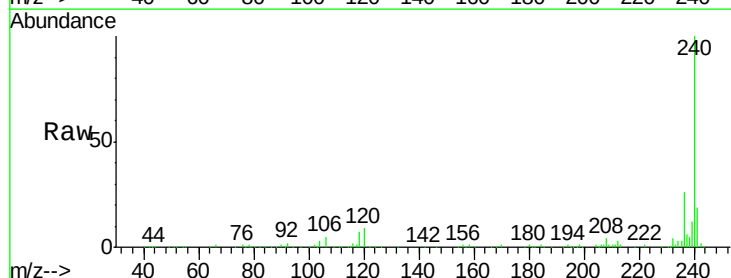


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

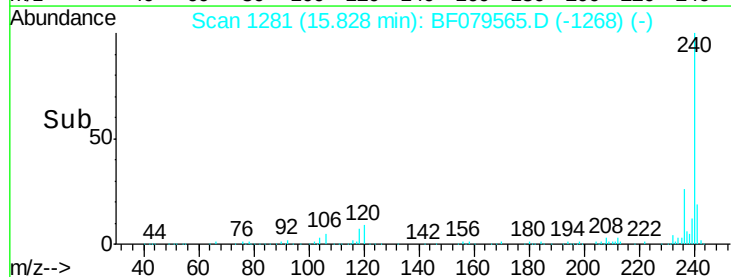
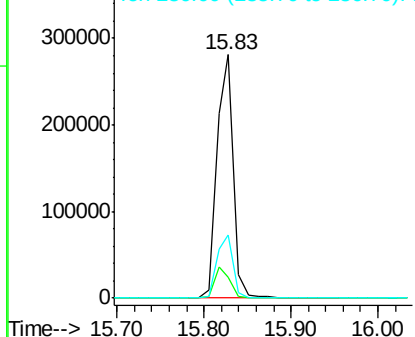


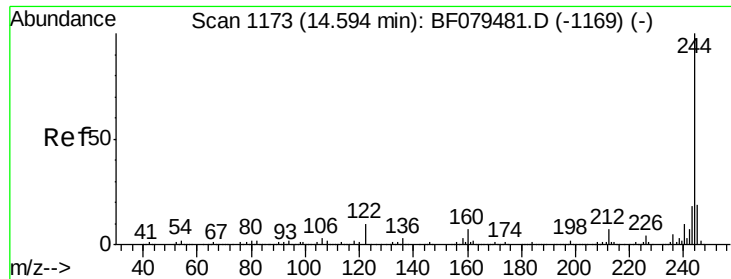
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF079565.D
Acq: 29 May 2015 17:31

Tgt Ion:240 Resp: 371182
Ion Ratio Lower Upper
240 100
120 8.7 10.8 16.2#
236 25.9 21.0 31.6



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: 58.23 ng

RT: 14.53 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB83653BL

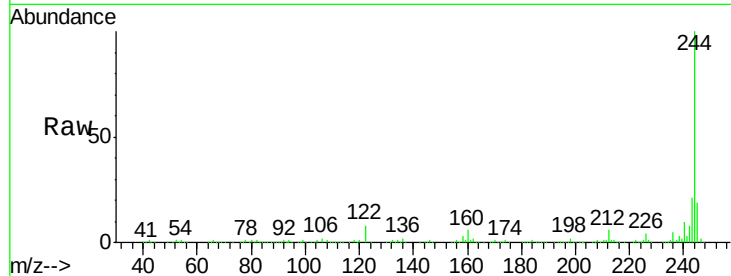
Tot Ion:244 Resp: 921031

Ion Ratio Lower Upper

244 100

212 6.1 5.2 7.8

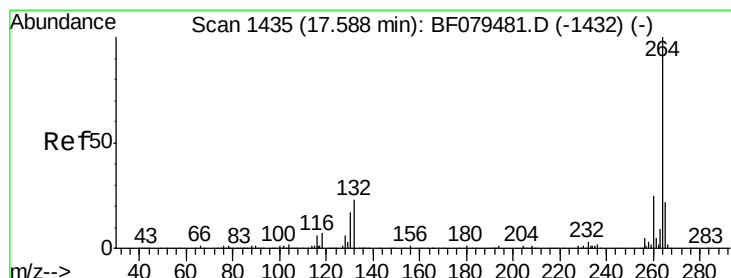
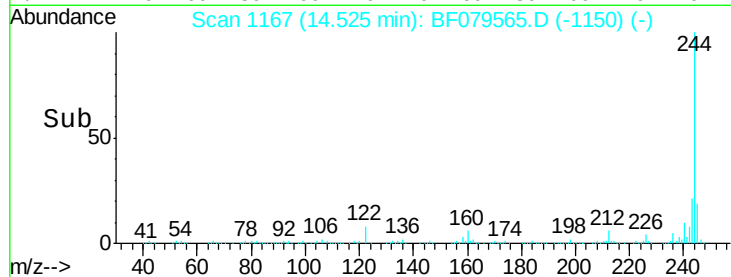
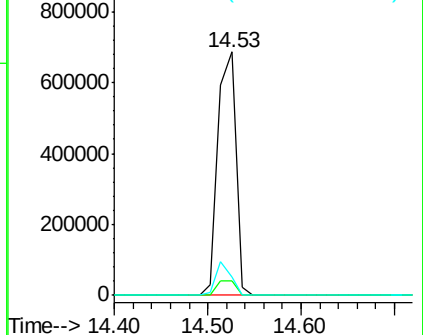
122 7.8 8.0 12.0#



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: 17.66 min Scan# 1441

Delta R.T. -0.15 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

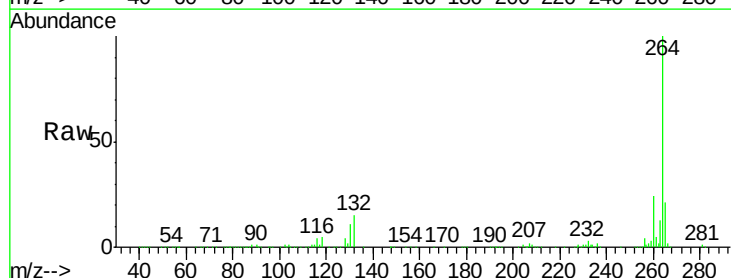
Tgt Ion:264 Resp: 357392

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.4 17.8 26.6



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

