

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079253.D
 Acq On : 15 May 2015 1:55
 Operator : TP/IZ
 Sample : G2177-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-19(3-5)

Quant Time: May 15 04:15:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 02:17:41 2015
 Response via : Initial Calibration

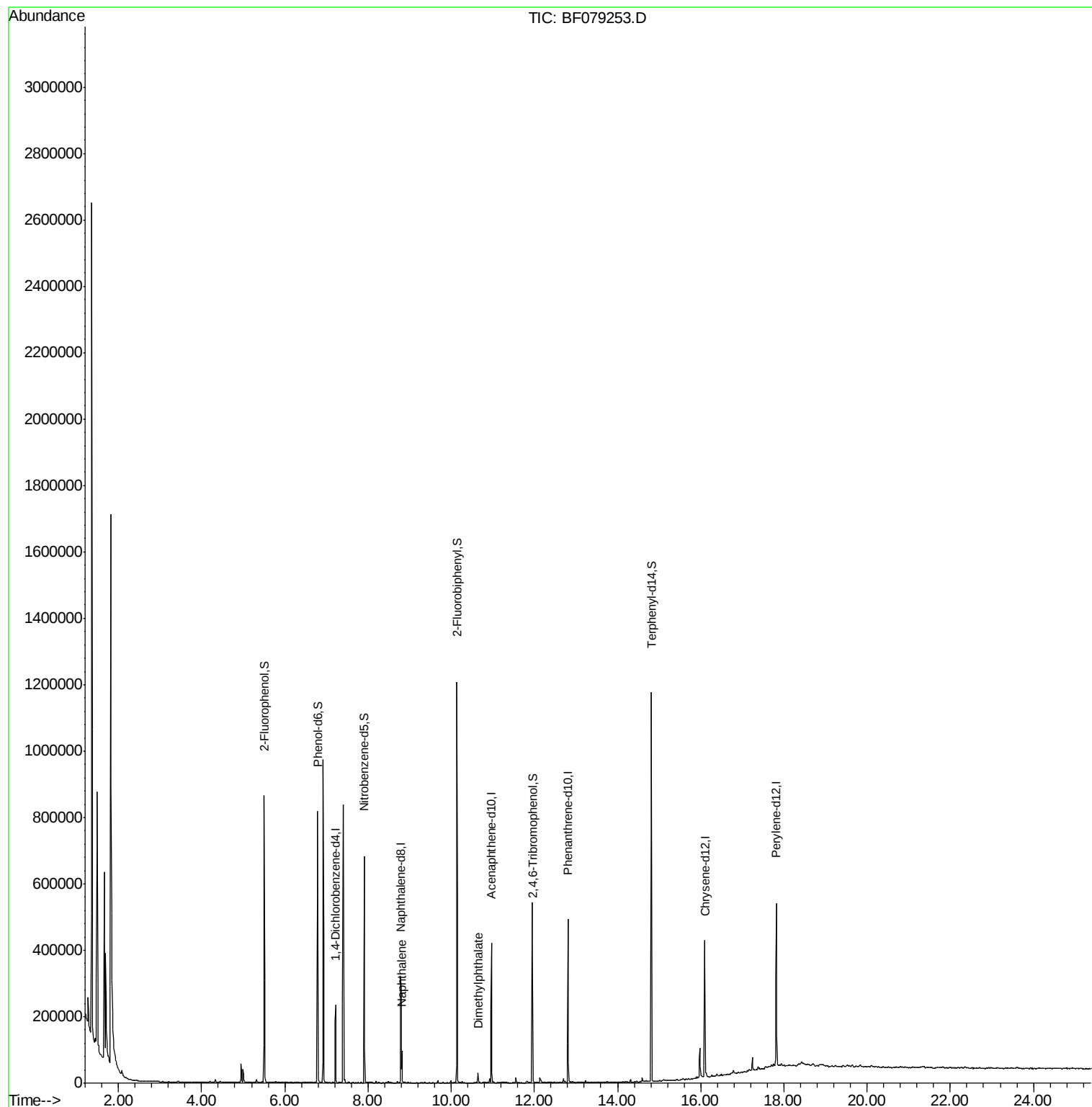
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	50111	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	209605	20.00	ng	-0.01
38) Acenaphthene-d10	10.97	164	103307	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	190624	20.00	ng	0.00
75) Chrysene-d12	16.10	240	205163	20.00	ng	-0.14
86) Perylene-d12	17.82	264	219821	20.00	ng	-0.48
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	271576m	93.29	ng	0.00
7) Phenol-d6	6.79	99	373210	96.99	ng	0.00
23) Nitrobenzene-d5	7.91	82	207385	56.86	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	97212	86.98	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	438396	59.12	ng	-0.01
78) Terphenyl-d14	14.81	244	498163m	58.13	ng	-0.02
Target Compounds						
31) Naphthalene	8.82	128	44536	4.46	ng	98
49) Dimethylphthalate	10.65	163	16933	2.23	ng	# 95

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

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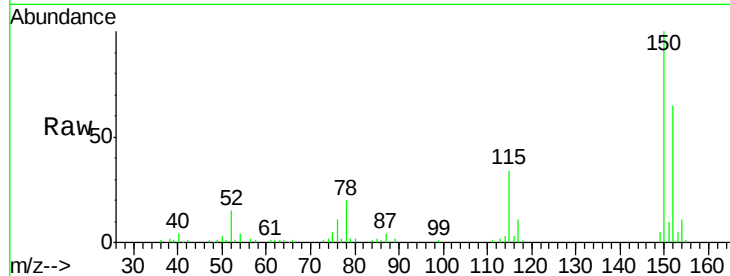




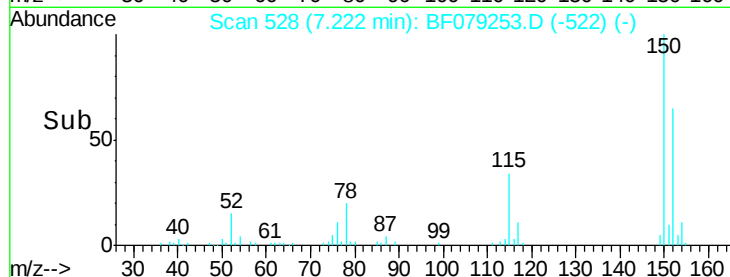
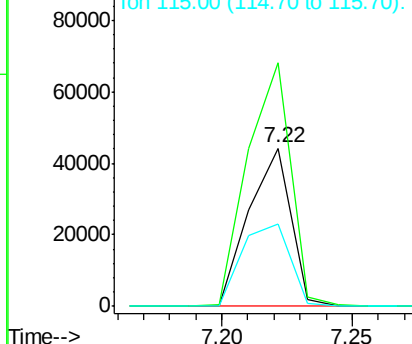
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF079253.D
 Acq: 15 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 PS-19(3-5)

Tot Ion:	152	Resp:	50111
Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.8	185.8
115	51.7	49.4	74.0

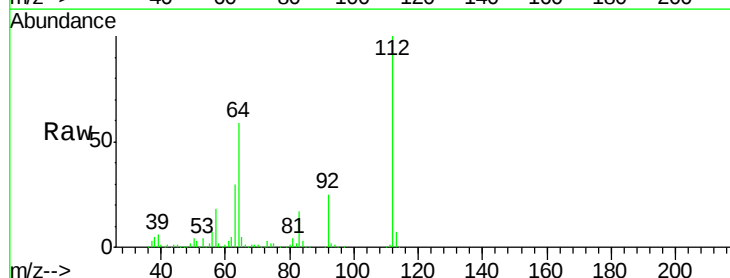


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

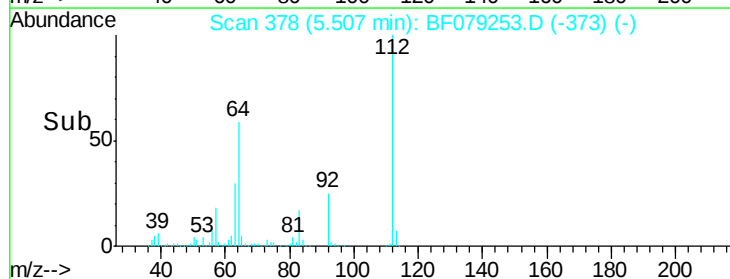
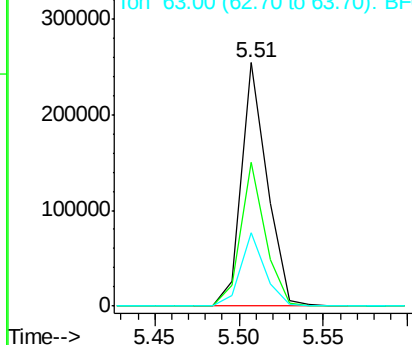


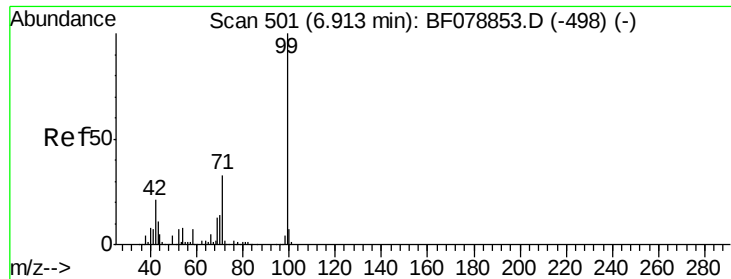
#5
 2-Fluorophenol
 Concen: 93.29 ng m
 RT: 5.51 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: BF079253.D
 Acq: 15 May 2015 1:55

Tgt Ion:	112	Resp:	271576
Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.2	66.2
63	29.9	22.7	34.1



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: 96.99 ng

RT: 6.79 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF079253.D

Acq: 15 May 2015 1:55

Instrument :

BNA_F

ClientSampleId :

PS-19(3-5)

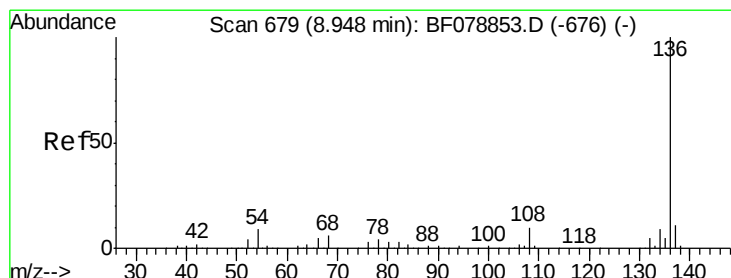
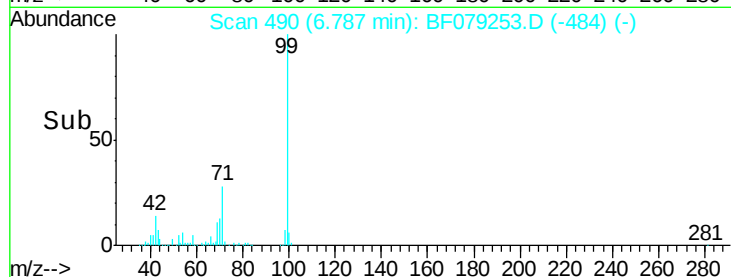
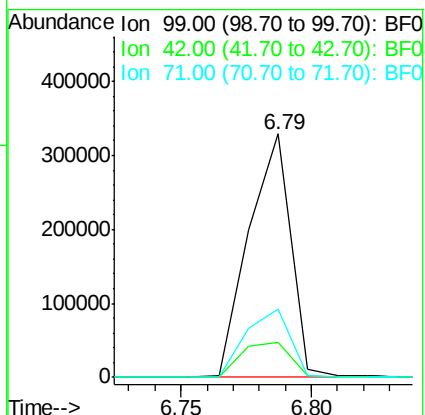
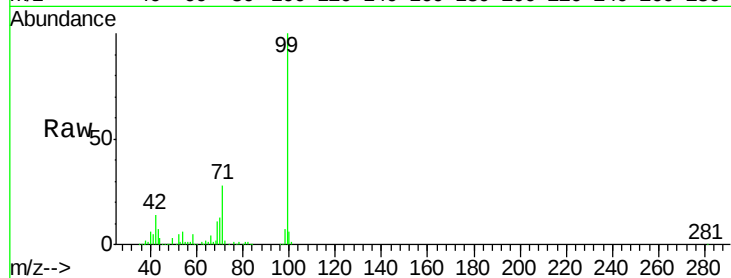
Tot Ion: 99 Resp: 373210

Ion Ratio Lower Upper

99 100

42 14.3 17.1 25.7#

71 28.2 26.3 39.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.79 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF079253.D

Acq: 15 May 2015 1:55

Tgt Ion: 136 Resp: 209605

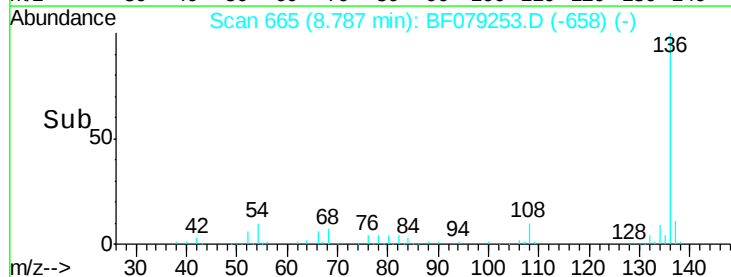
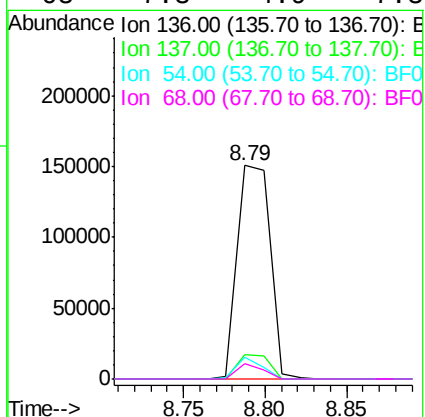
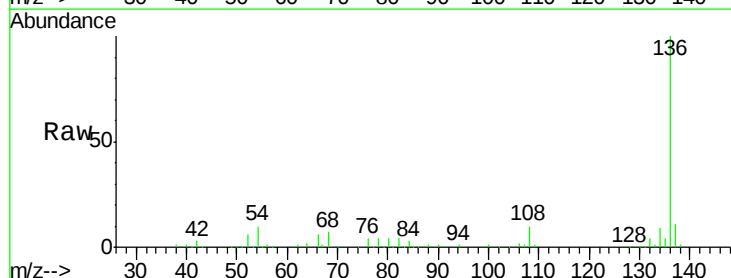
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.5 6.9 10.3#

68 7.3 4.9 7.3

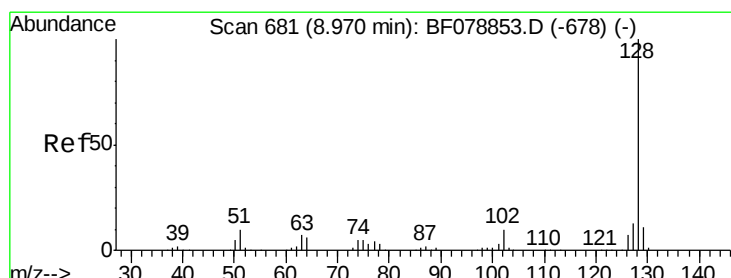
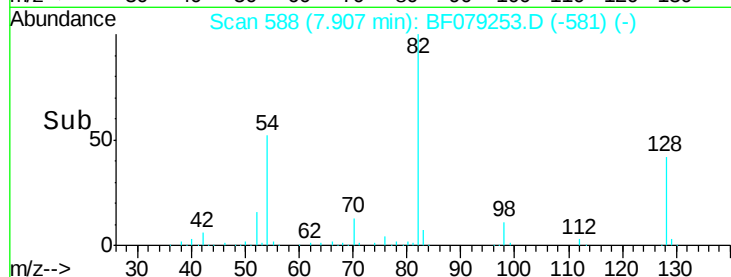
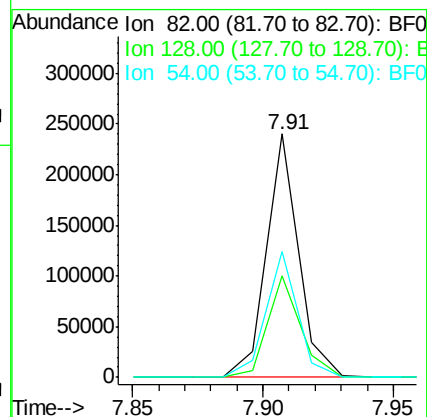
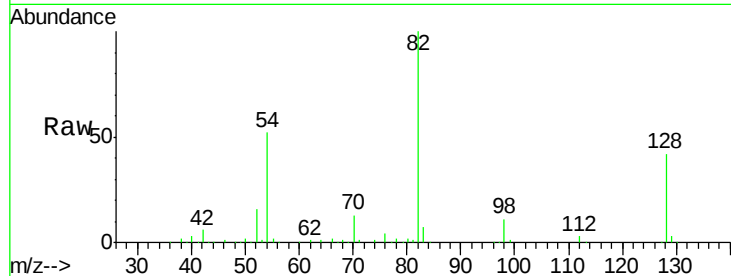




#23
 Nitrobenzene-d5
 Concen: 56.86 ng
 RT: 7.91 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF079253.D
 Acq: 15 May 2015 1:55

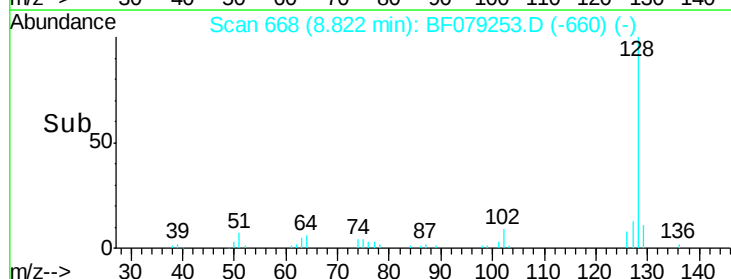
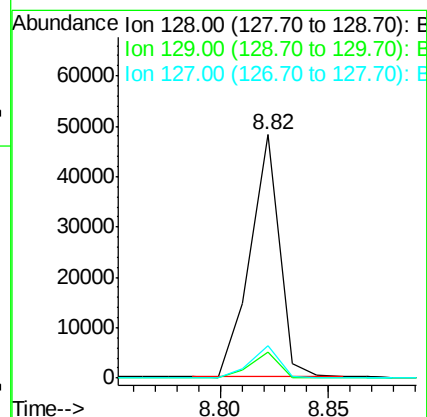
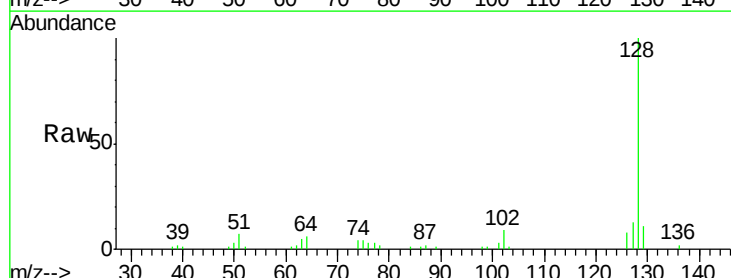
Instrument :
 BNA_F
 ClientSampleId :
 PS-19(3-5)

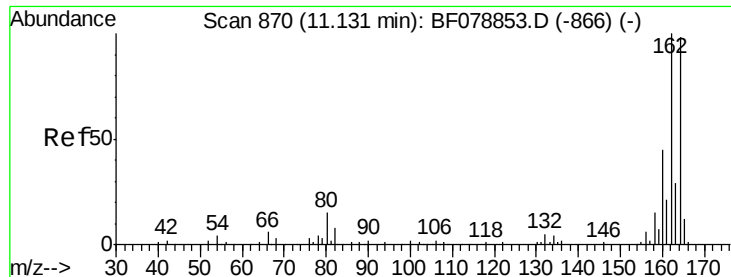
Tot Ion: 82 Resp: 207385
 Ion Ratio Lower Upper
 82 100
 128 41.5 29.7 44.5
 54 51.6 46.2 69.4



#31
 Naphthalene
 Concen: 4.46 ng
 RT: 8.82 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF079253.D
 Acq: 15 May 2015 1:55

Tgt Ion: 128 Resp: 44536
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.2 13.8
 127 13.5 10.3 15.5

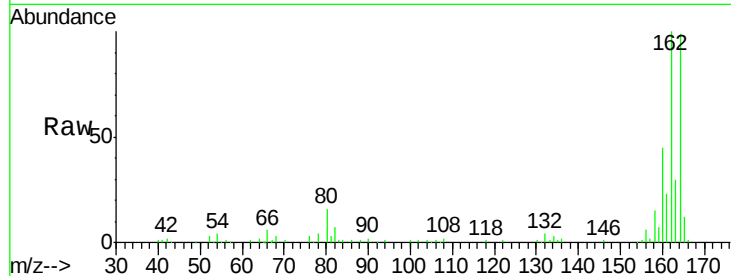




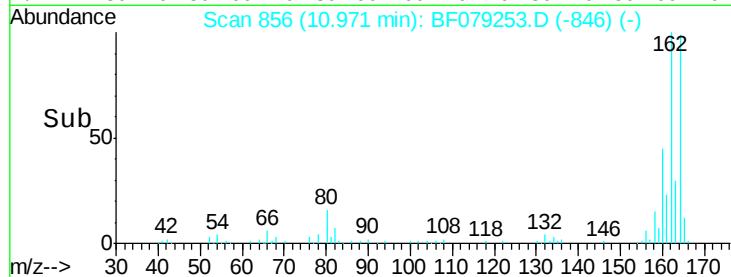
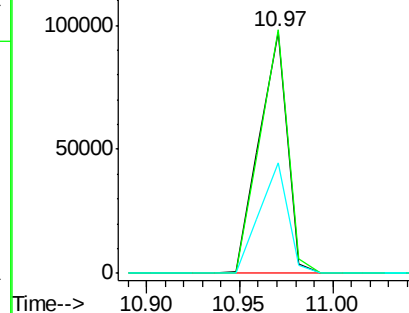
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF079253.D
 Acq: 15 May 2015 1:55

Instrument :
 BNA_F
 ClientSampleId :
 PS-19(3-5)

Tot Ion:164 Resp: 103307
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.4 122.0
 160 45.8 36.6 54.8

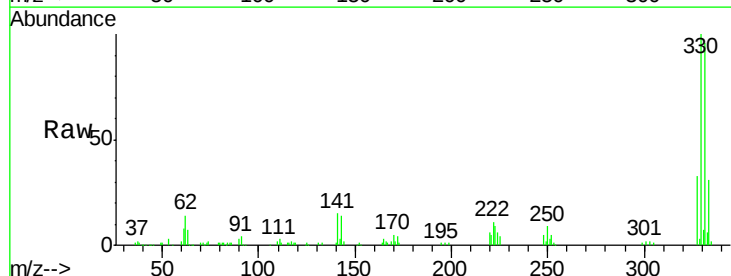


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

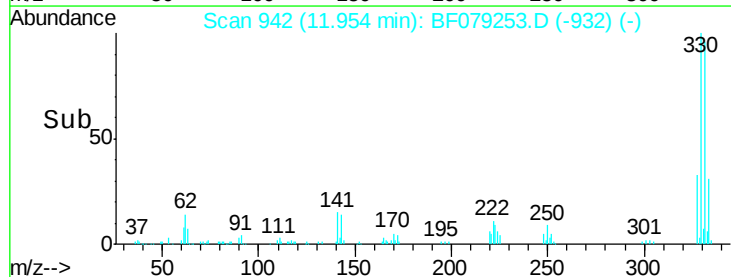
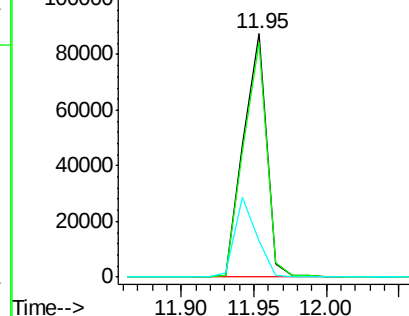


#41
 2,4,6-Tribromophenol
 Concen: 86.98 ng
 RT: 11.95 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF079253.D
 Acq: 15 May 2015 1:55

Tgt Ion:330 Resp: 97212
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 30.9 27.8 41.8



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

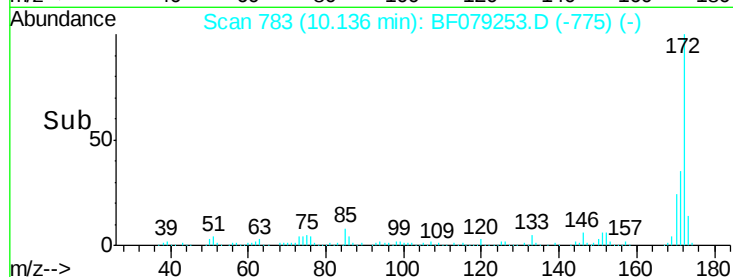
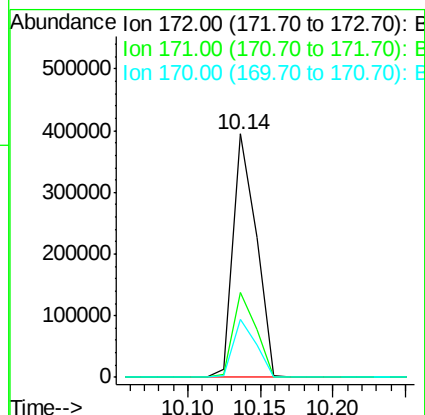
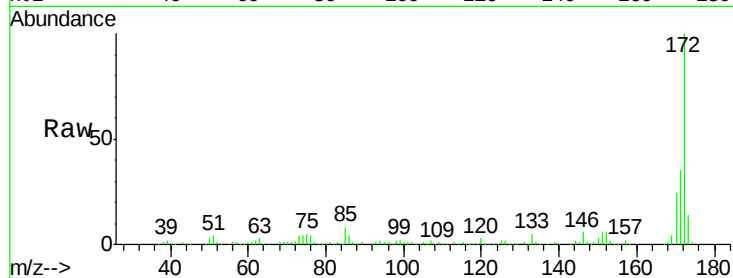




#44
2-Fluorobiphenyl
Concen: 59.12 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF079253.D
Acq: 15 May 2015 1:55

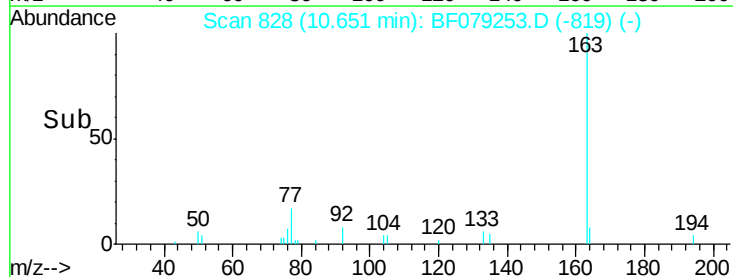
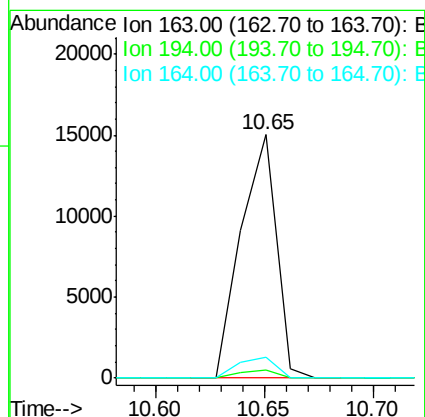
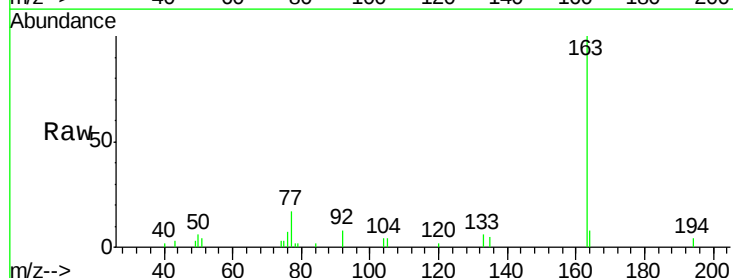
Instrument :
BNA_F
ClientSampled :
PS-19(3-5)

Tot Ion:172 Resp: 438396
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.6 19.4 29.2



#49
Dimethylphthalate
Concen: 2.23 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079253.D
Acq: 15 May 2015 1:55

Tgt Ion:163 Resp: 16933
Ion Ratio Lower Upper
163 100
194 3.6 2.4 3.6
164 8.4 8.6 12.8#

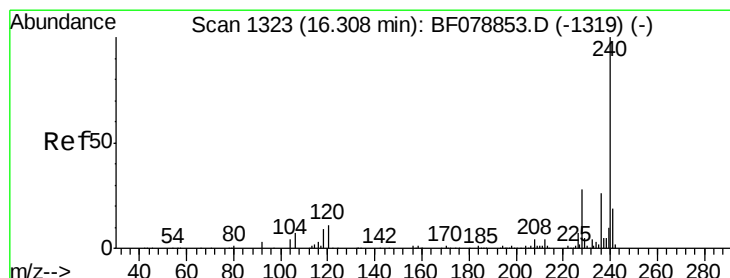
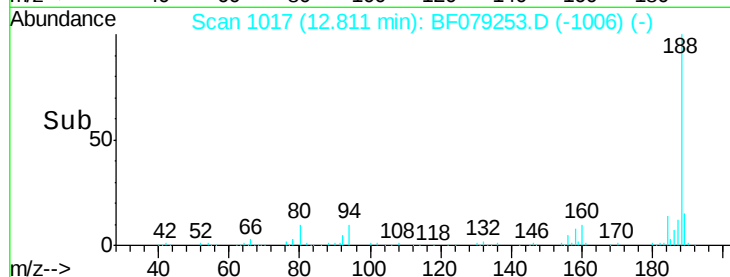
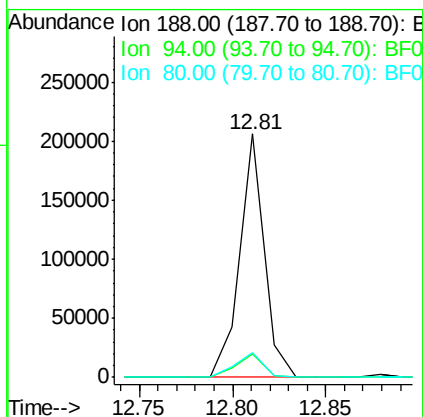
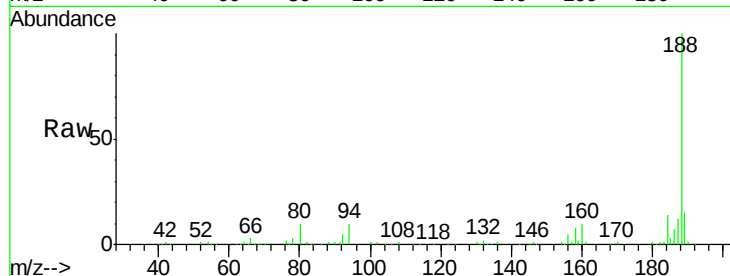




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079253.D
Acq: 15 May 2015 1:55

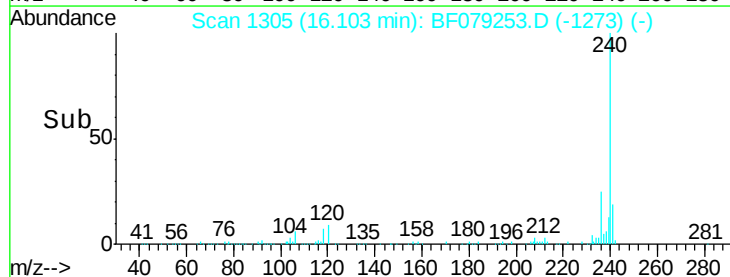
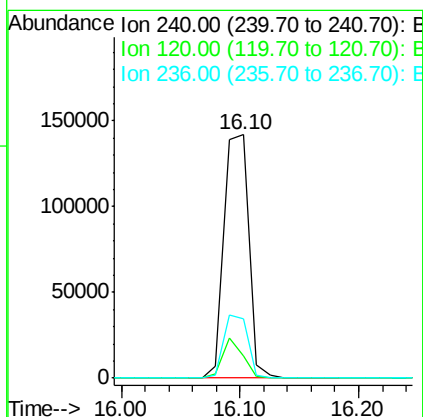
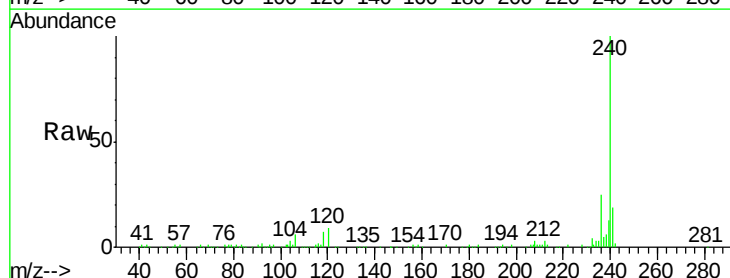
Instrument :
BNA_F
ClientSampled :
PS-19(3-5)

Tot Ion:188 Resp: 190624
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.0
80 10.0 9.8 14.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1305
Delta R.T. -0.14 min
Lab File: BF079253.D
Acq: 15 May 2015 1:55

Tgt Ion:240 Resp: 205163
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 24.5 21.0 31.6





#78

Terphenyl-d14

Concen: 58.13 ng/mL

RT: 14.81 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF079253.D

Acq: 15 May 2015 1:55

Instrument :

BNA_F

ClientSampleId :

PS-19(3-5)

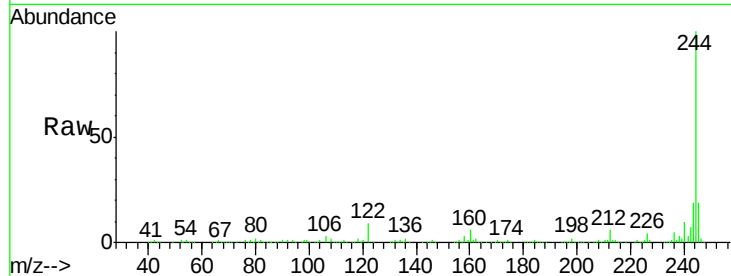
Tot Ion:244 Resp: 498163

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

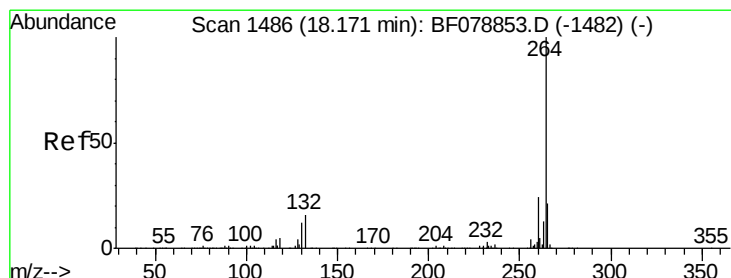
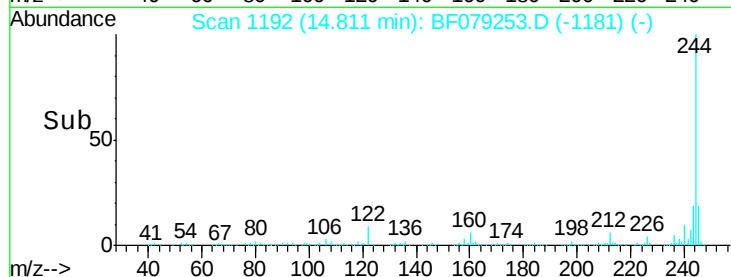
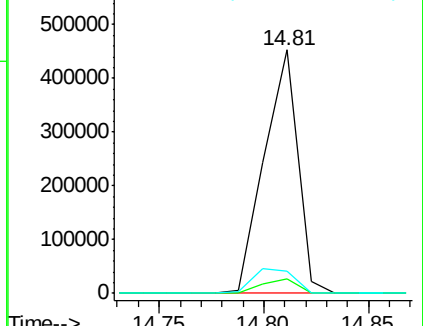
122 9.3 10.5 15.7#



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/mL

RT: 17.82 min Scan# 1455

Delta R.T. -0.48 min

Lab File: BF079253.D

Acq: 15 May 2015 1:55

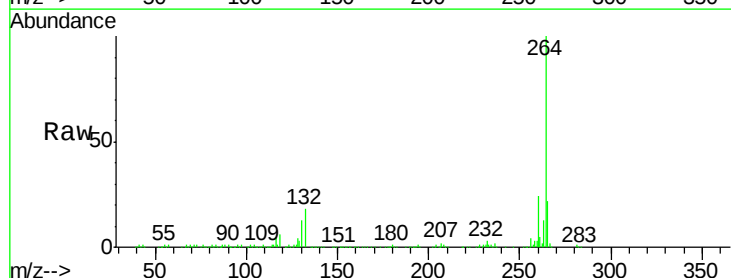
Tgt Ion:264 Resp: 219821

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.6 17.2 25.8



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

