

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
 Data File : BF079313.D
 Acq On : 18 May 2015 17:39
 Operator : TP/IZ
 Sample : PB83448BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BL

Quant Time: May 19 01:12:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 00:51:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	45550	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	184541	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	90732	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	171908	20.00	ng	0.00
75) Chrysene-d12	16.05	240	181868	20.00	ng	0.00
86) Perylene-d12	17.83	264	192892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	341205m	128.94	ng	0.00
7) Phenol-d6	6.73	99	417389	119.33	ng	-0.01
23) Nitrobenzene-d5	7.86	82	252652	78.68	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	132658	135.15	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	523846	80.44	ng	0.00
78) Terphenyl-d14	14.75	244	631858	83.18	ng	0.00

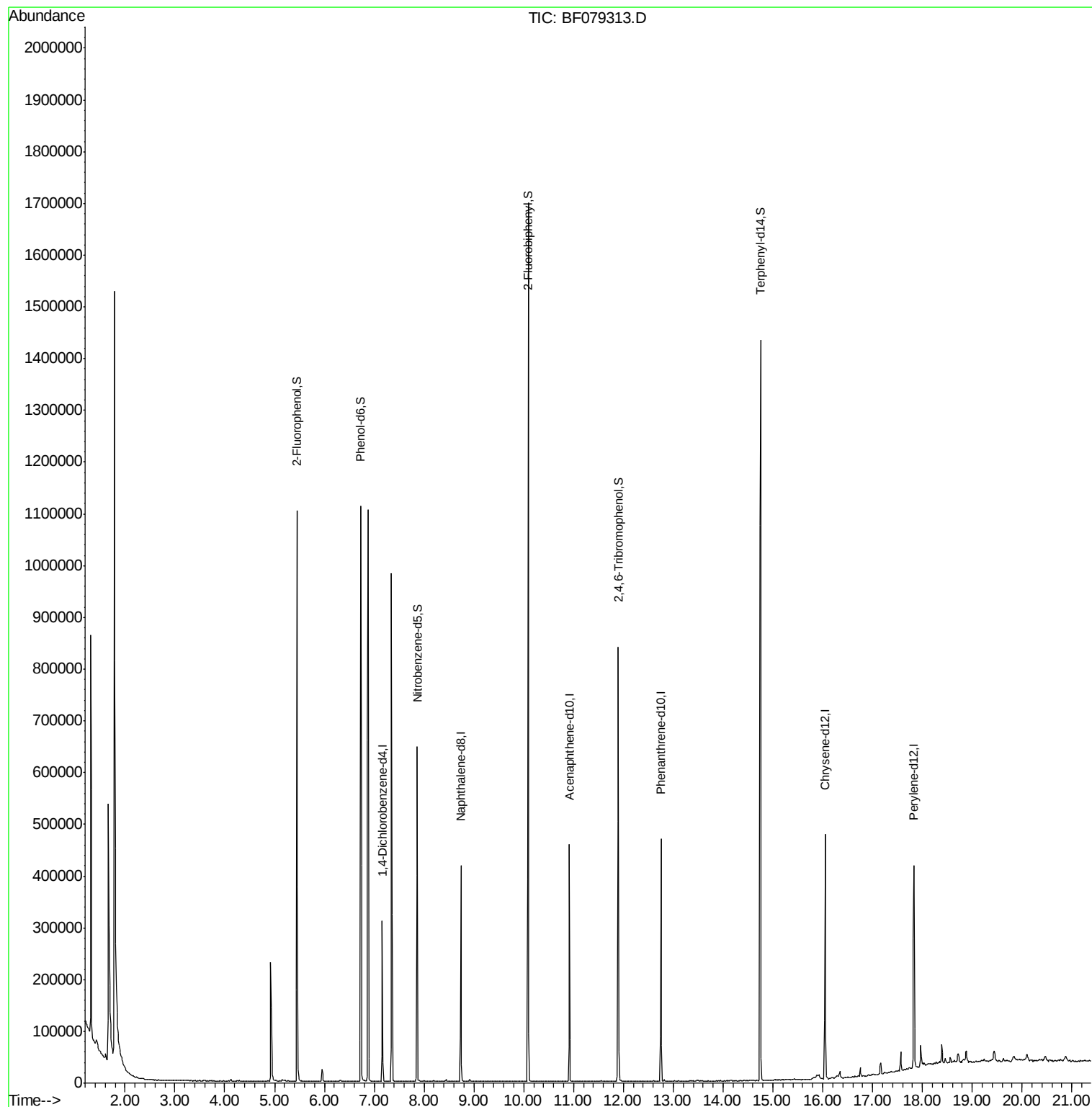
Target Compounds Qvalue

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

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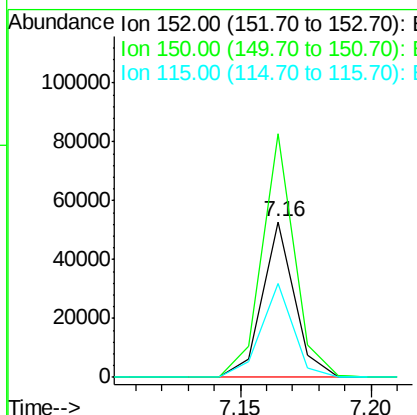
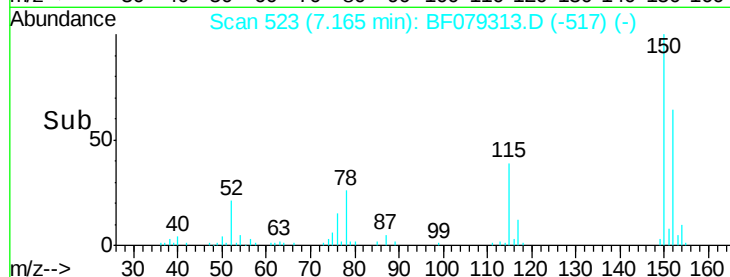
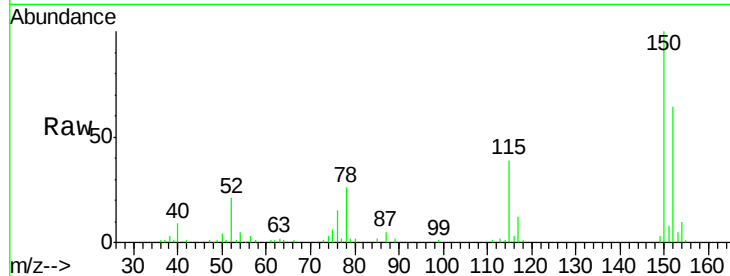




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF079313.D
 Acq: 18 May 2015 17:39

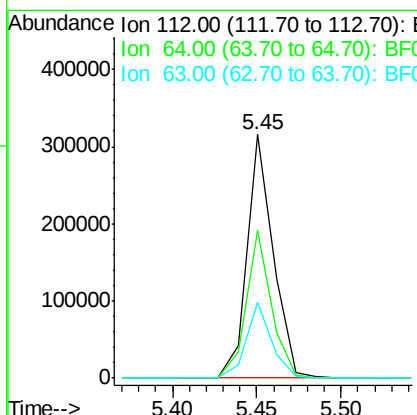
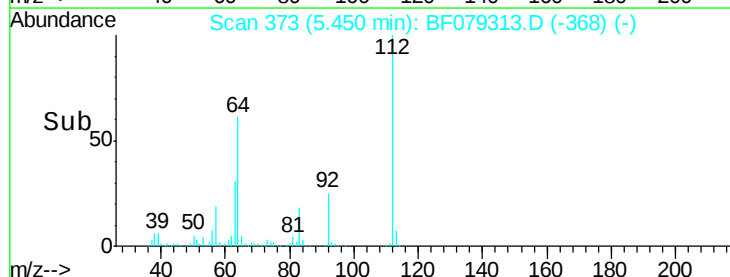
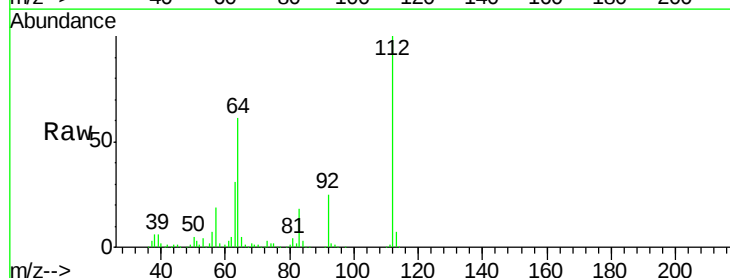
Instrument :
 BNA_F
 ClientSampleId :
 PB83448BL

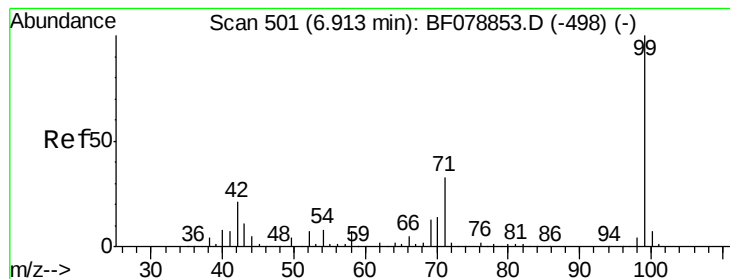
Tot Ion:	152	Resp:	45550
Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.8
115	60.3	49.4	74.0



#5
 2-Fluorophenol
 Concen: 128.94 ng m
 RT: 5.45 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: BF079313.D
 Acq: 18 May 2015 17:39

Tgt Ion:	112	Resp:	341205
Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.2	66.2
63	31.0	22.7	34.1





#7

Phenol-d6

Concen: 119.33 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF079313.D

Acq: 18 May 2015 17:39

Instrument :

BNA_F

ClientSampled :

PB83448BL

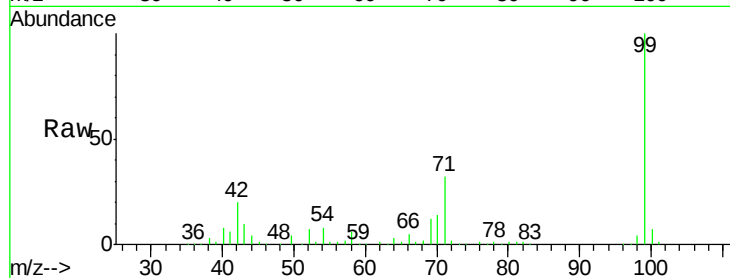
Tot Ion: 99 Resp: 417389

Ion Ratio Lower Upper

99 100

42 19.5 17.1 25.7

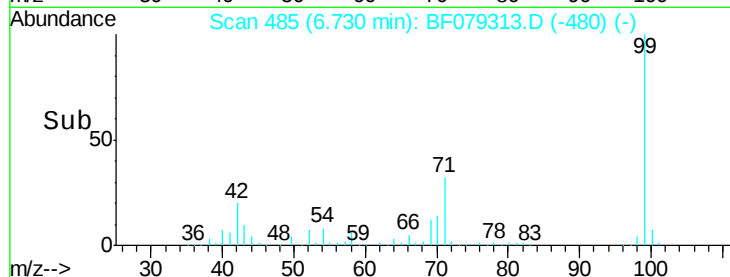
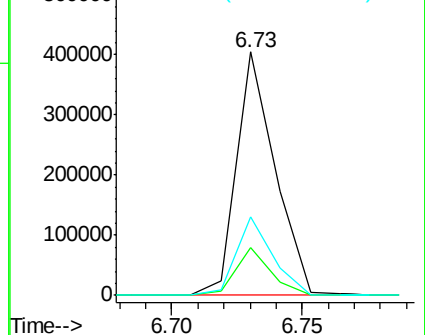
71 32.4 26.3 39.5



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: 8.74 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF079313.D

Acq: 18 May 2015 17:39

Tgt Ion: 136 Resp: 184541

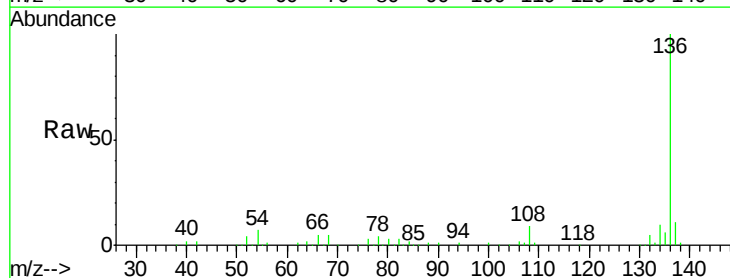
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.8 6.9 10.3#

68 5.0 4.9 7.3

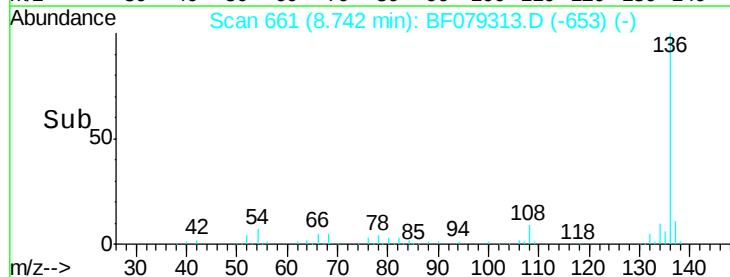
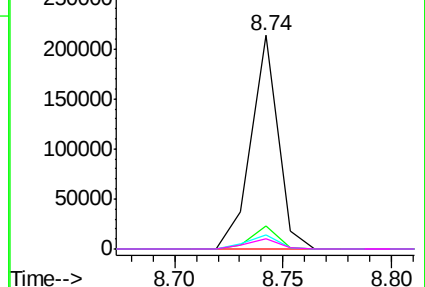


Abundance Ion 136.00 (135.70 to 136.70): E

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

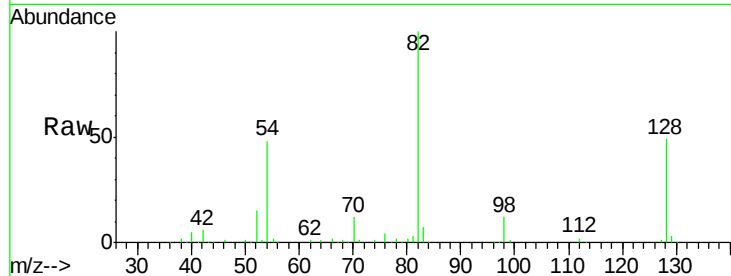




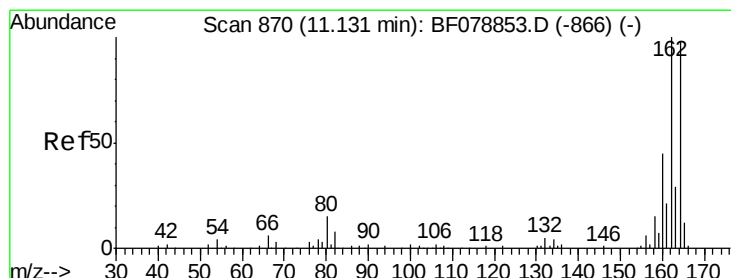
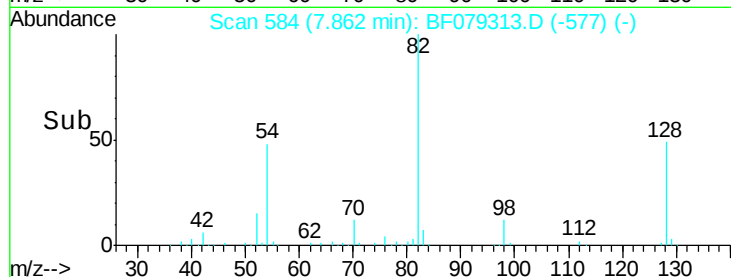
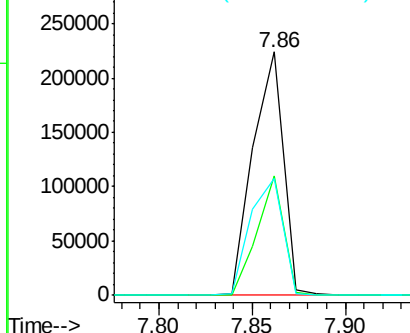
#23
 Nitrobenzene-d5
 Concen: 78.68 ng
 RT: 7.86 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF079313.D
 Acq: 18 May 2015 17:39

Instrument :
 BNA_F
 ClientSampleID :
 PB83448BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	29.7	44.5
54	48.2	46.2	69.4

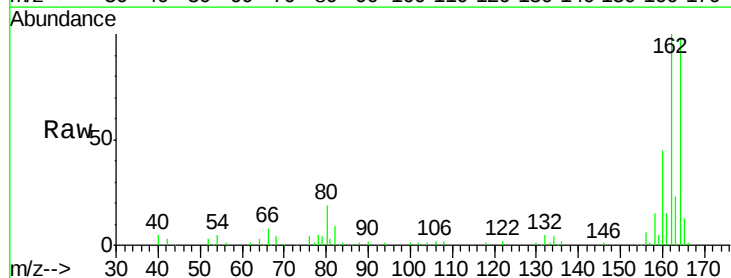


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

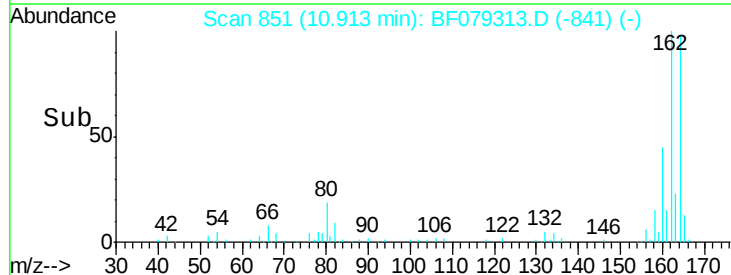
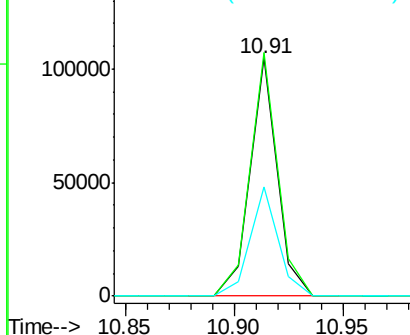


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF079313.D
 Acq: 18 May 2015 17:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	46.0	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

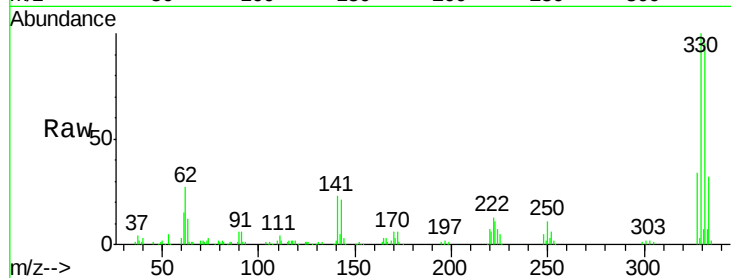




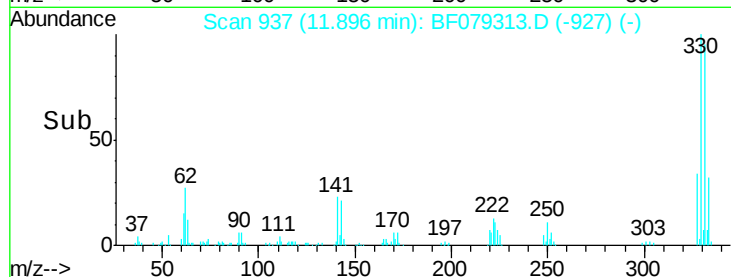
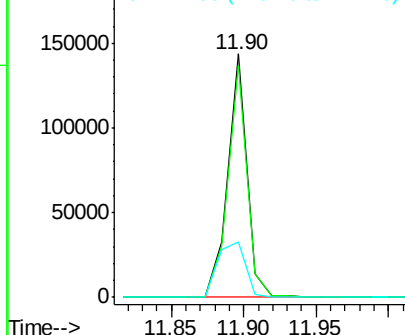
#41
 2,4,6-Tribromophenol
 Concen: 135.15 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF079313.D
 Acq: 18 May 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BL

Tot Ion:330 Resp: 132658
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.9 115.3
 141 32.9 27.8 41.8

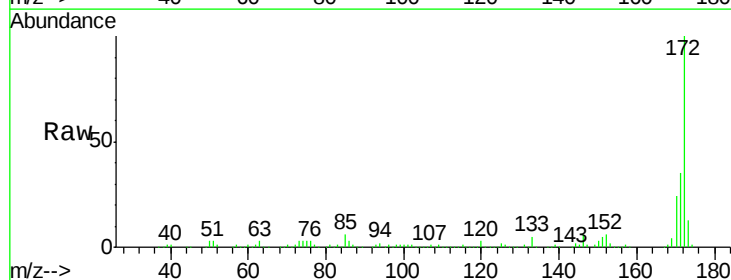


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

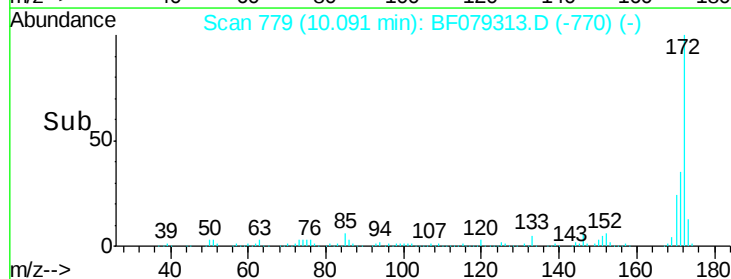
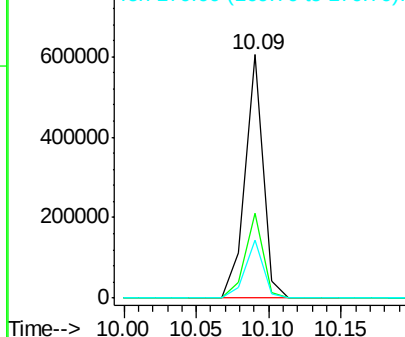


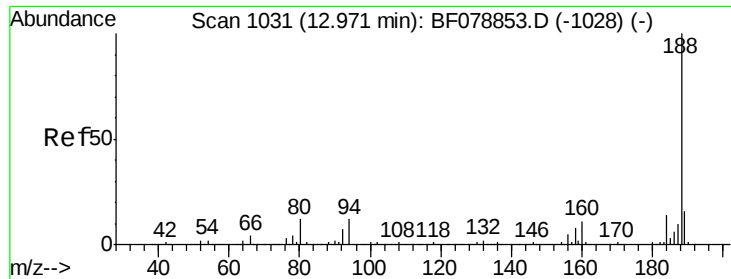
#44
 2-Fluorobiphenyl
 Concen: 80.44 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF079313.D
 Acq: 18 May 2015 17:39

Tgt Ion:172 Resp: 523846
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 24.0 19.4 29.2



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

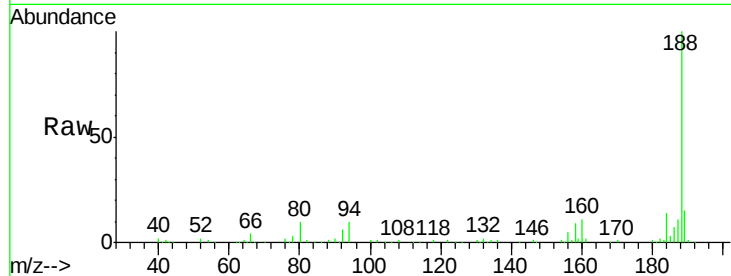




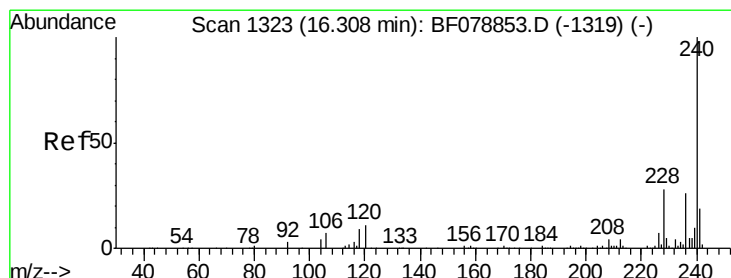
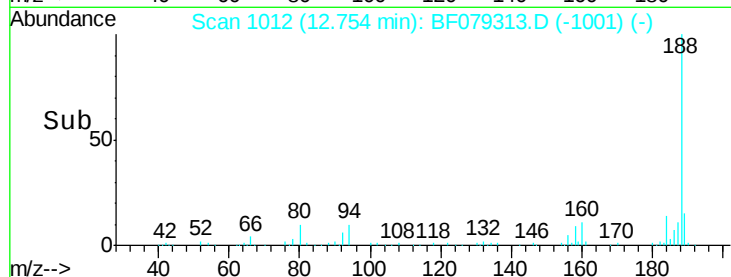
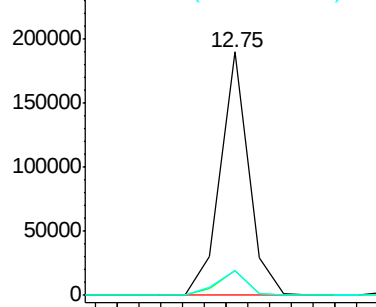
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF079313.D
Acq: 18 May 2015 17:39

Instrument :
BNA_F
ClientSampleId :
PB83448BL

Tot Ion:188 Resp: 171908
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.0
80 10.4 9.8 14.6

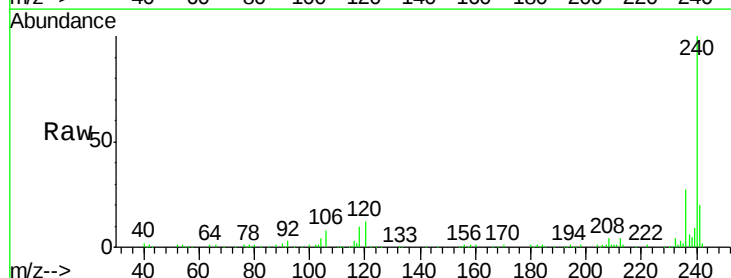


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

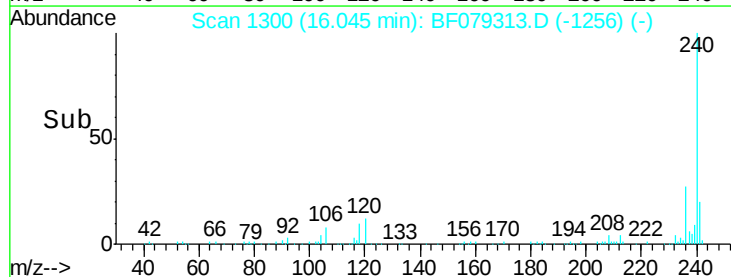
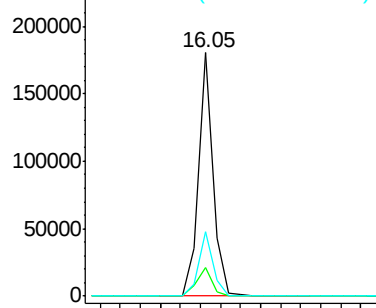


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF079313.D
Acq: 18 May 2015 17:39

Tgt Ion:240 Resp: 181868
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 26.5 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: 83.18 ng

RT: 14.75 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF079313.D

Acq: 18 May 2015 17:39

Instrument :

BNA_F

ClientSampleId :

PB83448BL

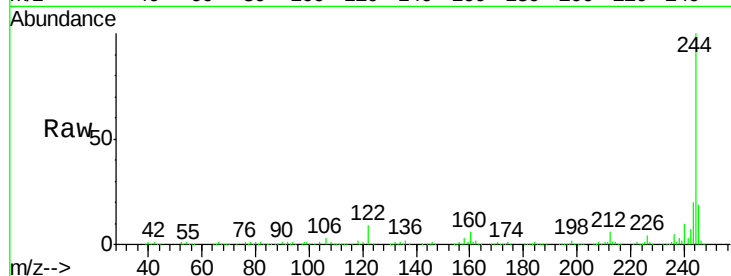
Tot Ion:244 Resp: 631858

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

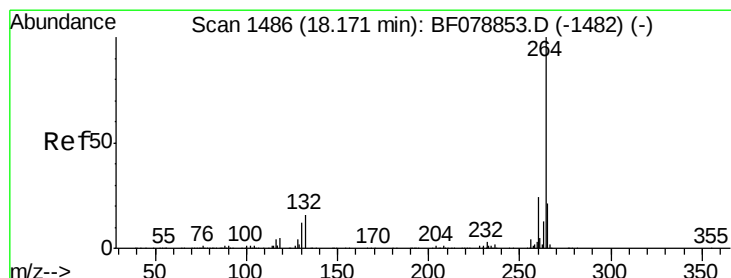
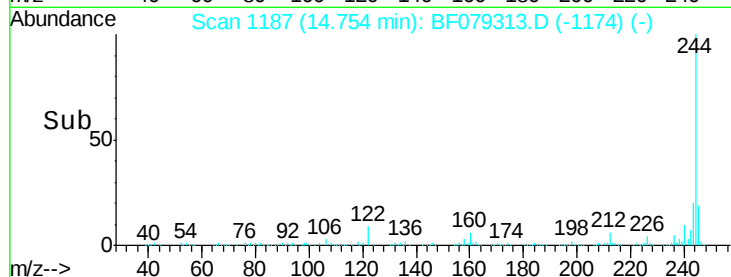
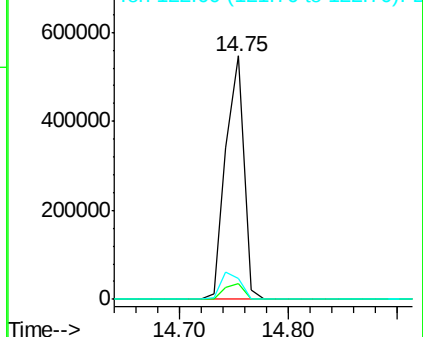
122 8.5 10.5 15.7#



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

RT: 17.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BF079313.D

Acq: 18 May 2015 17:39

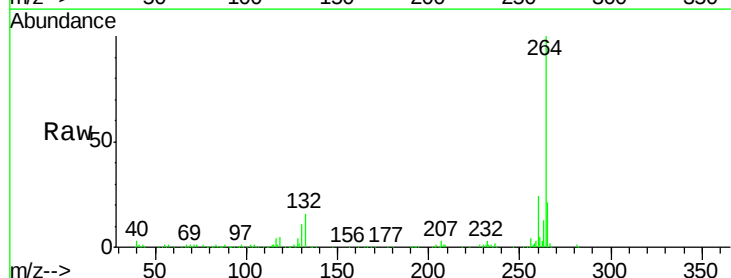
Tgt Ion:264 Resp: 192892

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.2 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

