

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079450.D
 Acq On : 22 May 2015 23:20
 Operator : TP/IZ
 Sample : PB83563BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BL

Quant Time: May 23 00:19:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	70827	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	286321	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	136244	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	265522	20.00	ng	-0.01
75) Chrysene-d12	15.91	240	254876	20.00	ng	-0.06
86) Perylene-d12	17.65	264	254685	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.63	99	637701	117.25	ng	0.00
23) Nitrobenzene-d5	7.75	82	374520	75.18	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	200863	136.28	ng	-0.01
44) 2-Fluorobiphenyl	9.98	172	786951	80.47	ng	0.00
78) Terphenyl-d14	14.63	244	893983	83.98	ng	0.00

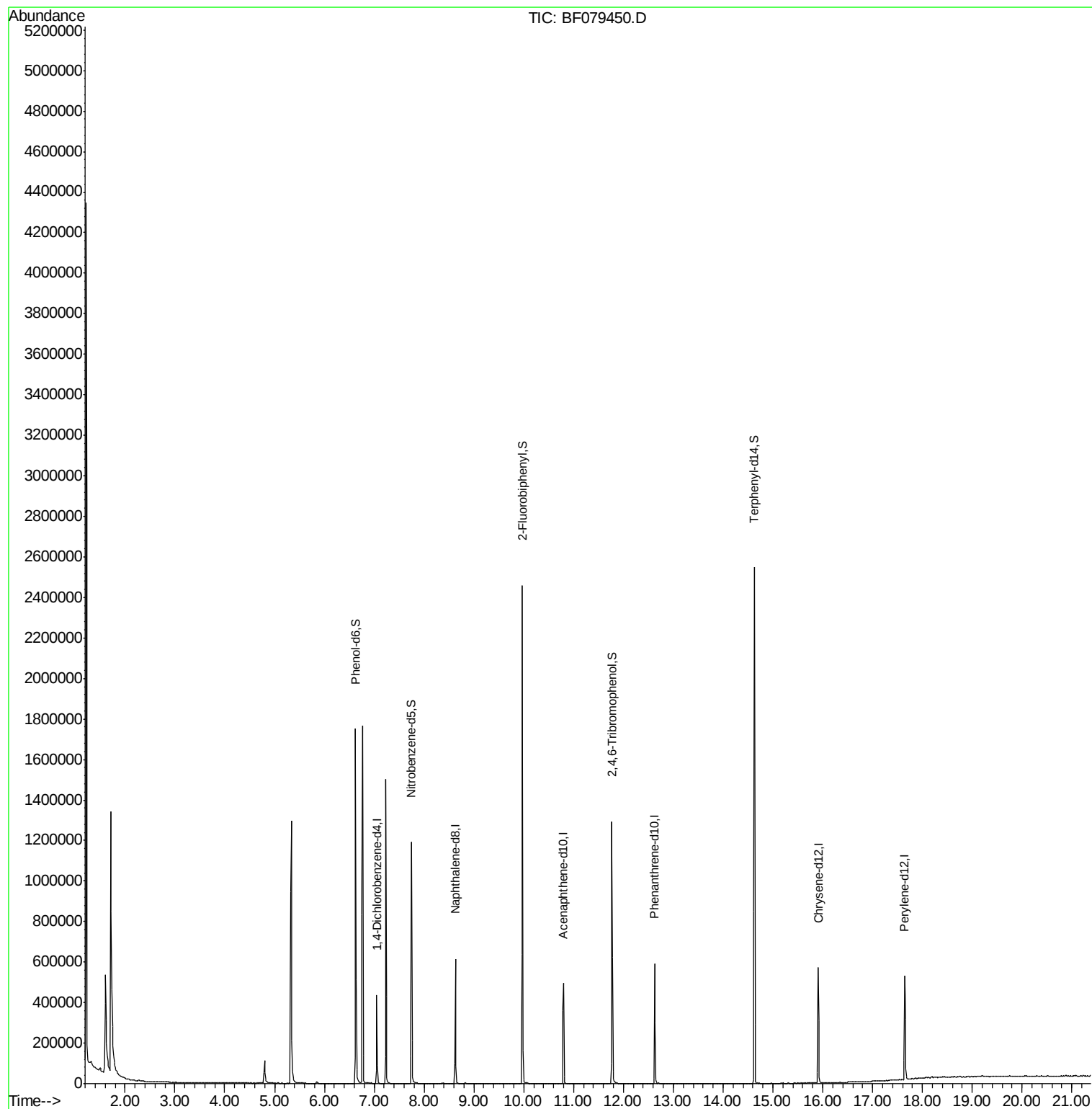
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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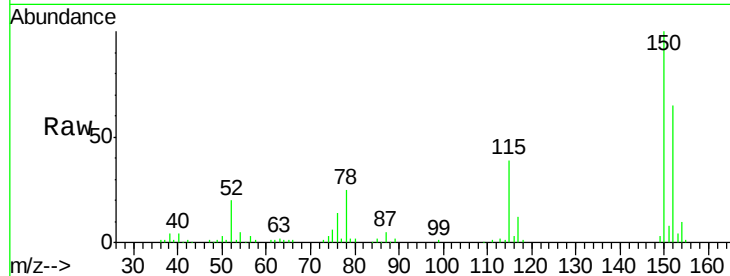




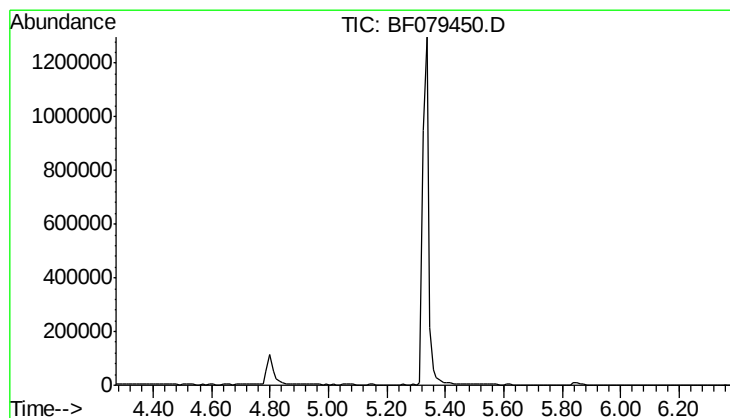
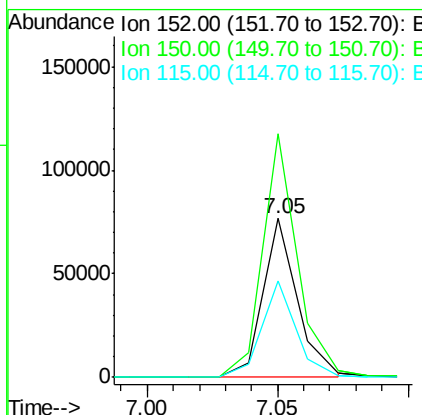
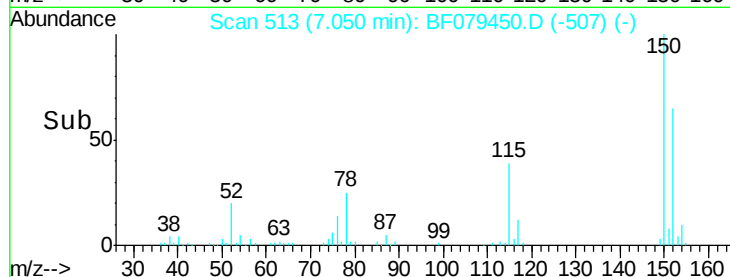
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079450.D
 Acq: 22 May 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BL

Tgt Ion	Resp	Lower	Upper
152	100		
150	153.4	123.8	185.8
115	60.5	49.4	74.0

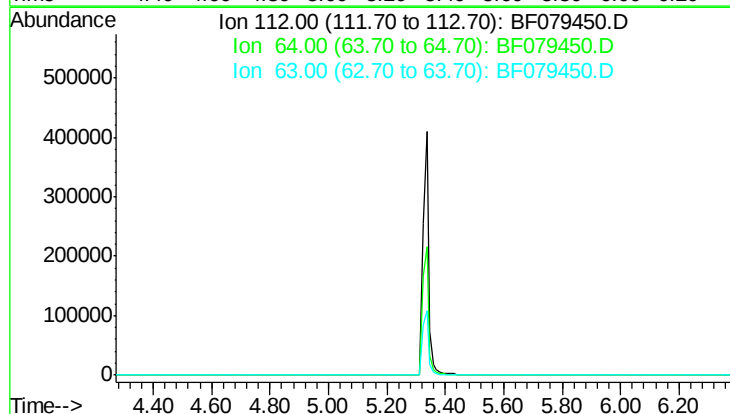


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079450.D
 Acq: 22 May 2015 23:20

Tgt Ion	Exp Ratio
112	100
64	55.2
63	28.4





#7

Phenol-d6

Concen: 117.25 ng

RT: 6.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF079450.D

Acq: 22 May 2015 23:20

Instrument :

BNA_F

ClientSampled :

PB83563BL

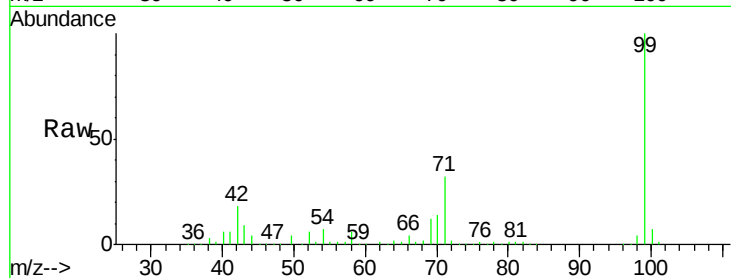
Tgt Ion: 99 Resp: 637701

Ion Ratio Lower Upper

99 100

42 17.8 17.1 25.7

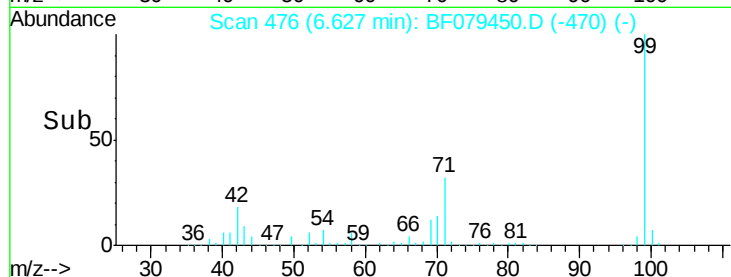
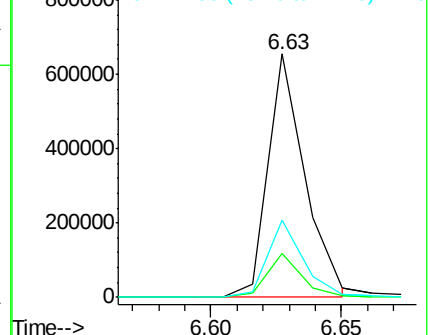
71 31.9 26.3 39.5



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: 8.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF079450.D

Acq: 22 May 2015 23:20

Tgt Ion: 136 Resp: 286321

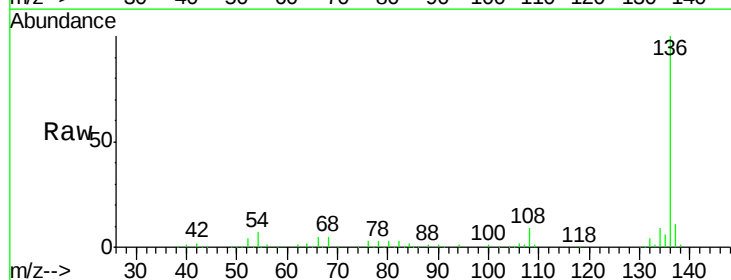
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.1 6.9 10.3

68 5.3 4.9 7.3

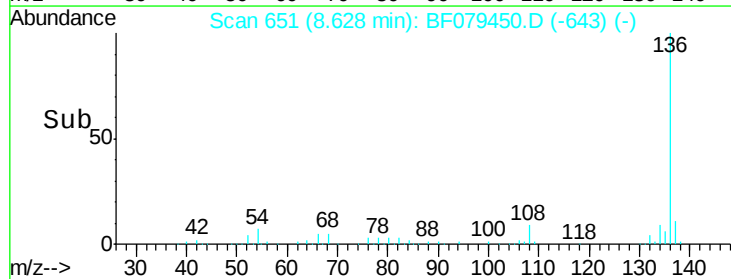
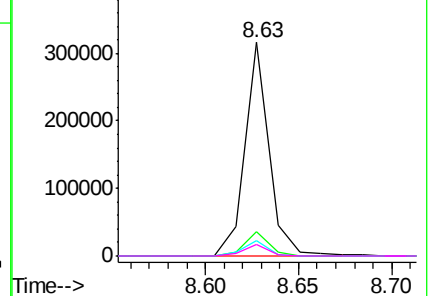


Abundance Ion 136.00 (135.70 to 136.70): E

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

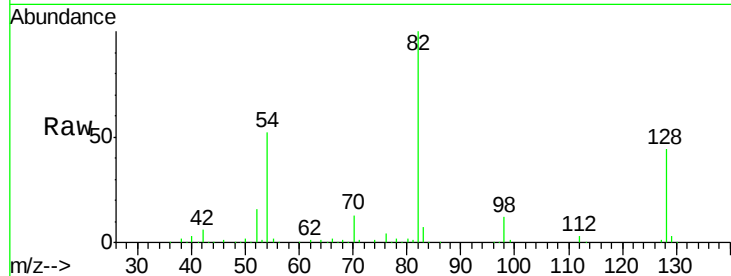




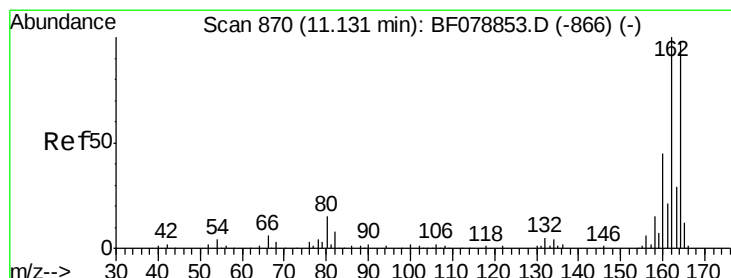
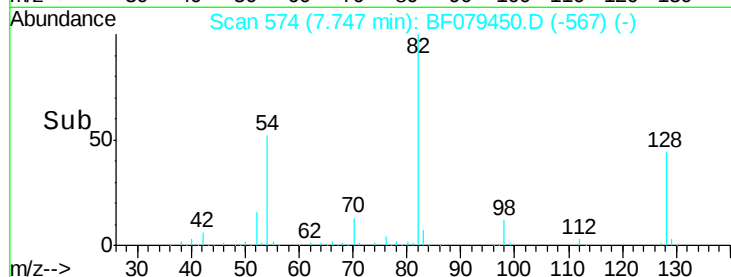
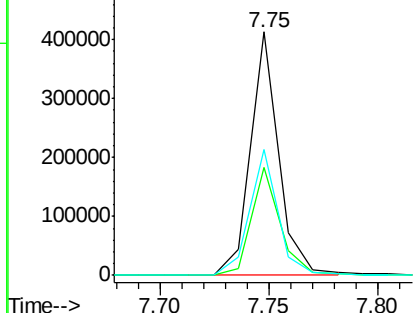
#23
 Nitrobenzene-d5
 Concen: 75.18 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF079450.D
 Acq: 22 May 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BL

Tgt Ion: 82 Resp: 374520
 Ion Ratio Lower Upper
 82 100
 128 44.4 29.7 44.5
 54 51.6 46.2 69.4

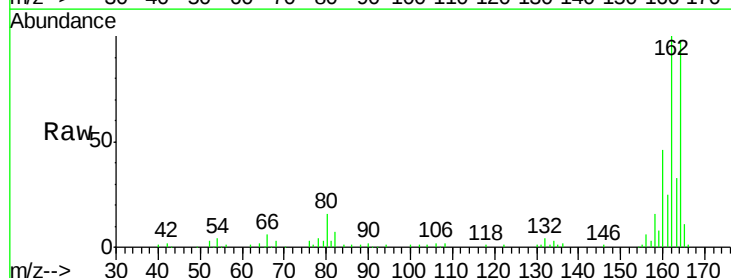


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

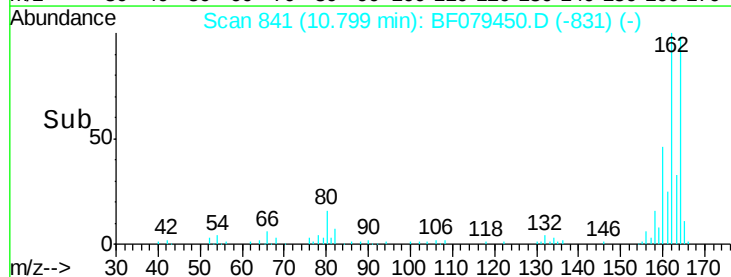
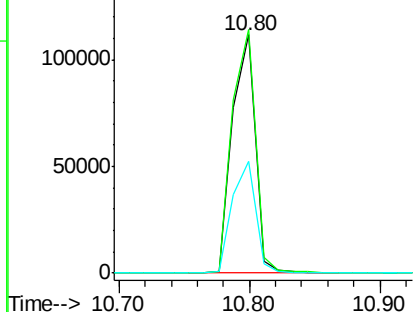


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF079450.D
 Acq: 22 May 2015 23:20

Tgt Ion: 164 Resp: 136244
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.4 122.0
 160 47.0 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

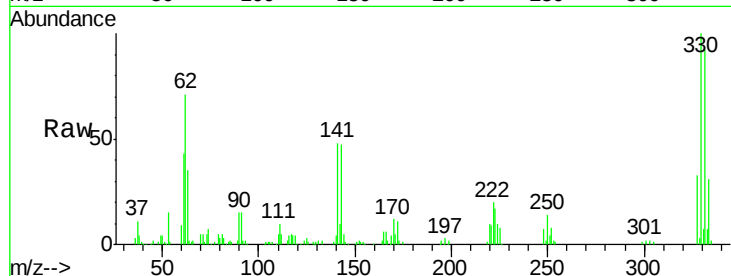




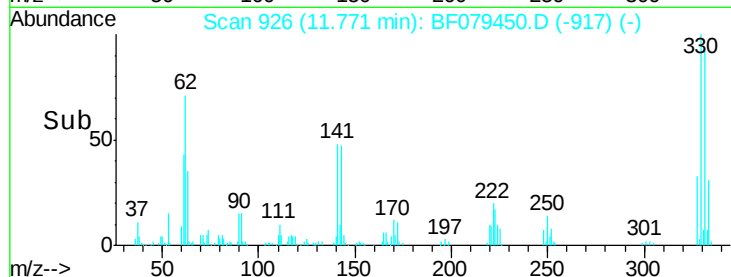
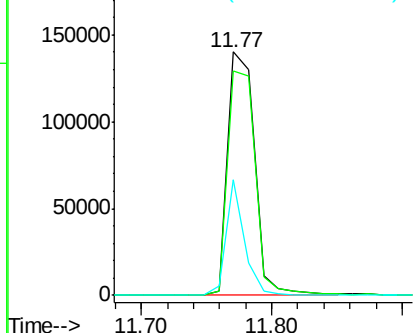
#41
 2,4,6-Tribromophenol
 Concen: 136.28 ng
 RT: 11.77 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF079450.D
 Acq: 22 May 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	32.8	27.8	41.8

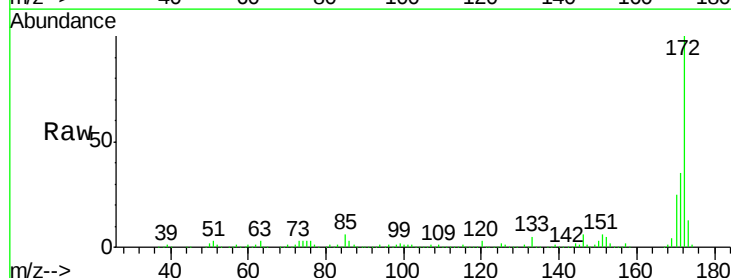


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

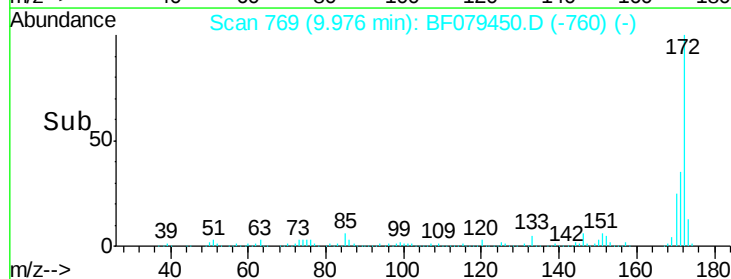
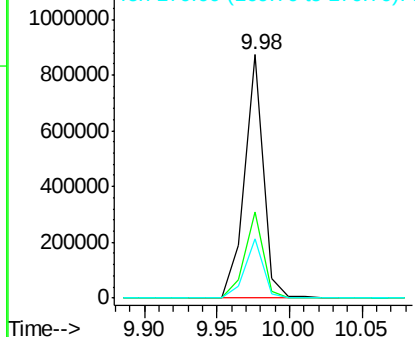


#44
 2-Fluorobiphenyl
 Concen: 80.47 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF079450.D
 Acq: 22 May 2015 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	24.5	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

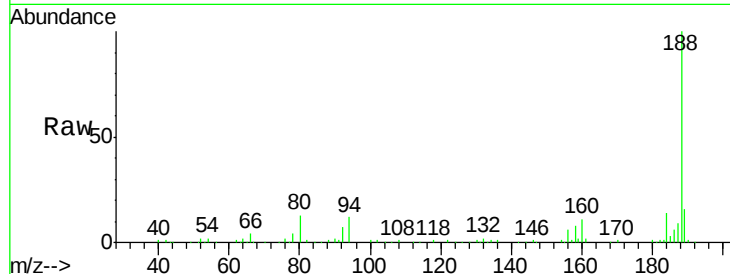




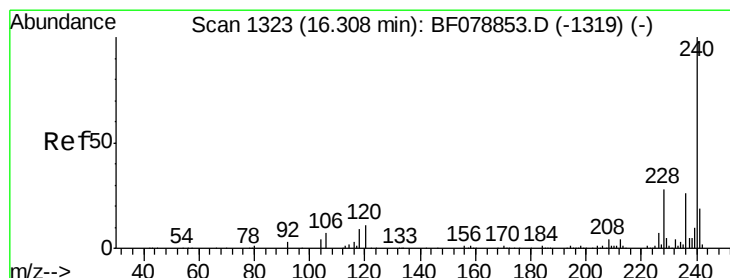
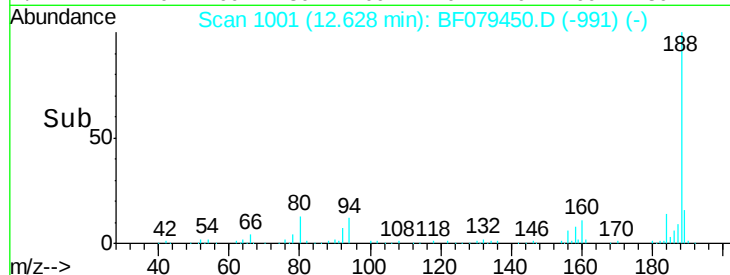
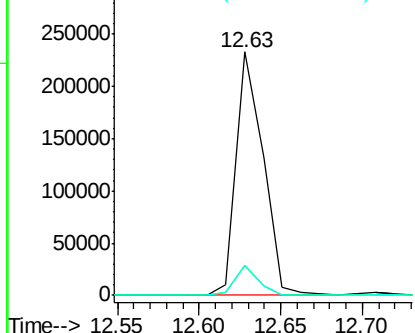
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF079450.D
Acq: 22 May 2015 23:20

Instrument :
BNA_F
ClientSampleId :
PB83563BL

Tgt Ion:188 Resp: 265522
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.0
80 12.5 9.8 14.6

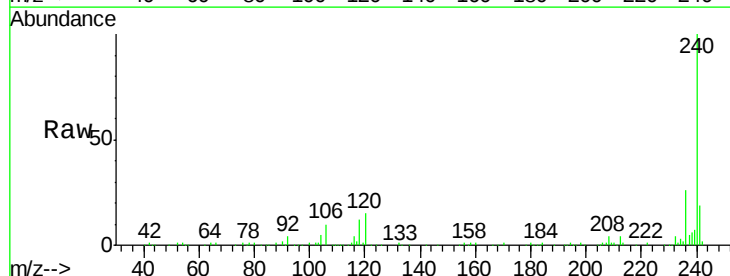


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

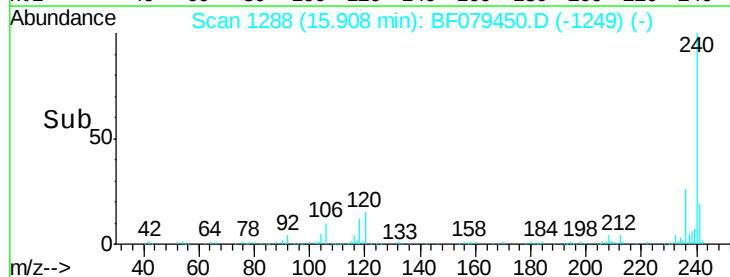
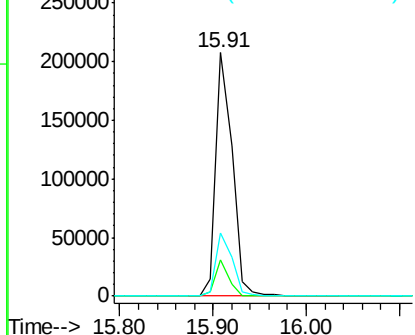


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF079450.D
Acq: 22 May 2015 23:20

Tgt Ion:240 Resp: 254876
Ion Ratio Lower Upper
240 100
120 14.8 8.6 12.8#
236 26.0 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: 83.98 ng

RT: 14.63 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF079450.D

Acq: 22 May 2015 23:20

Instrument :

BNA_F

ClientSampleId :

PB83563BL

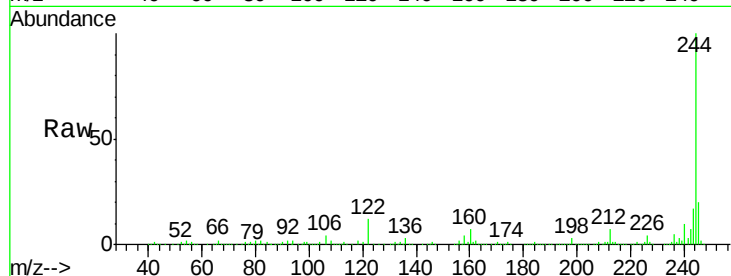
Tgt Ion:244 Resp: 893983

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

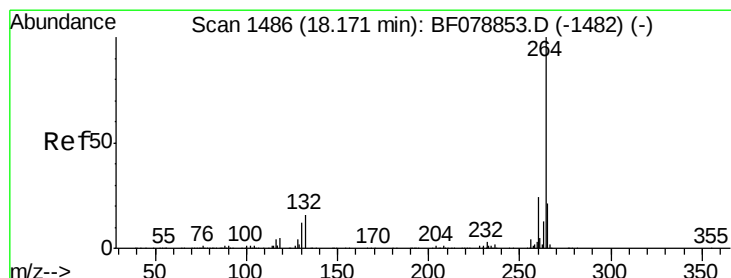
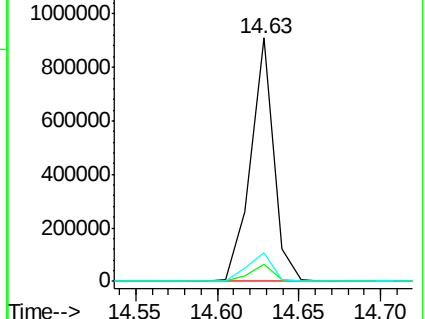
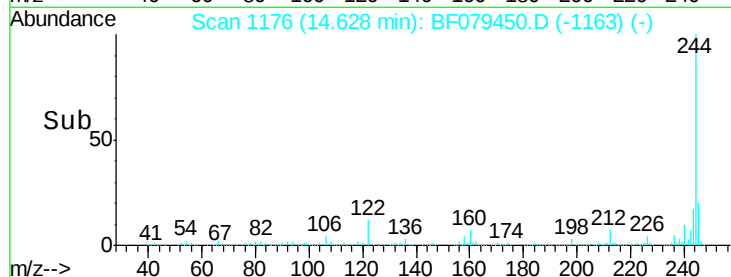
122 12.0 10.5 15.7



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: 17.65 min Scan# 1440

Delta R.T. -0.21 min

Lab File: BF079450.D

Acq: 22 May 2015 23:20

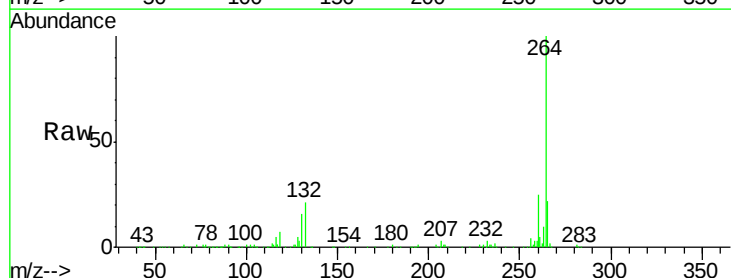
Tgt Ion:264 Resp: 254685

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.9 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

