

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079282.D
 Acq On : 15 May 2015 21:06
 Operator : TP/IZ
 Sample : PB83417TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83417TB

Quant Time: May 15 23:20:54 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 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	67156	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	269109	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	130172	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	248544	20.00	ng	0.00
75) Chrysene-d12	16.05	240	228170	20.00	ng	-0.05
86) Perylene-d12	17.78	264	226320	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.74	99	539711	104.66	ng	-0.01
23) Nitrobenzene-d5	7.87	82	337473	72.07	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	169807	120.58	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	695633	74.45	ng	0.00
78) Terphenyl-d14	14.77	244	784901	82.36	ng	0.00

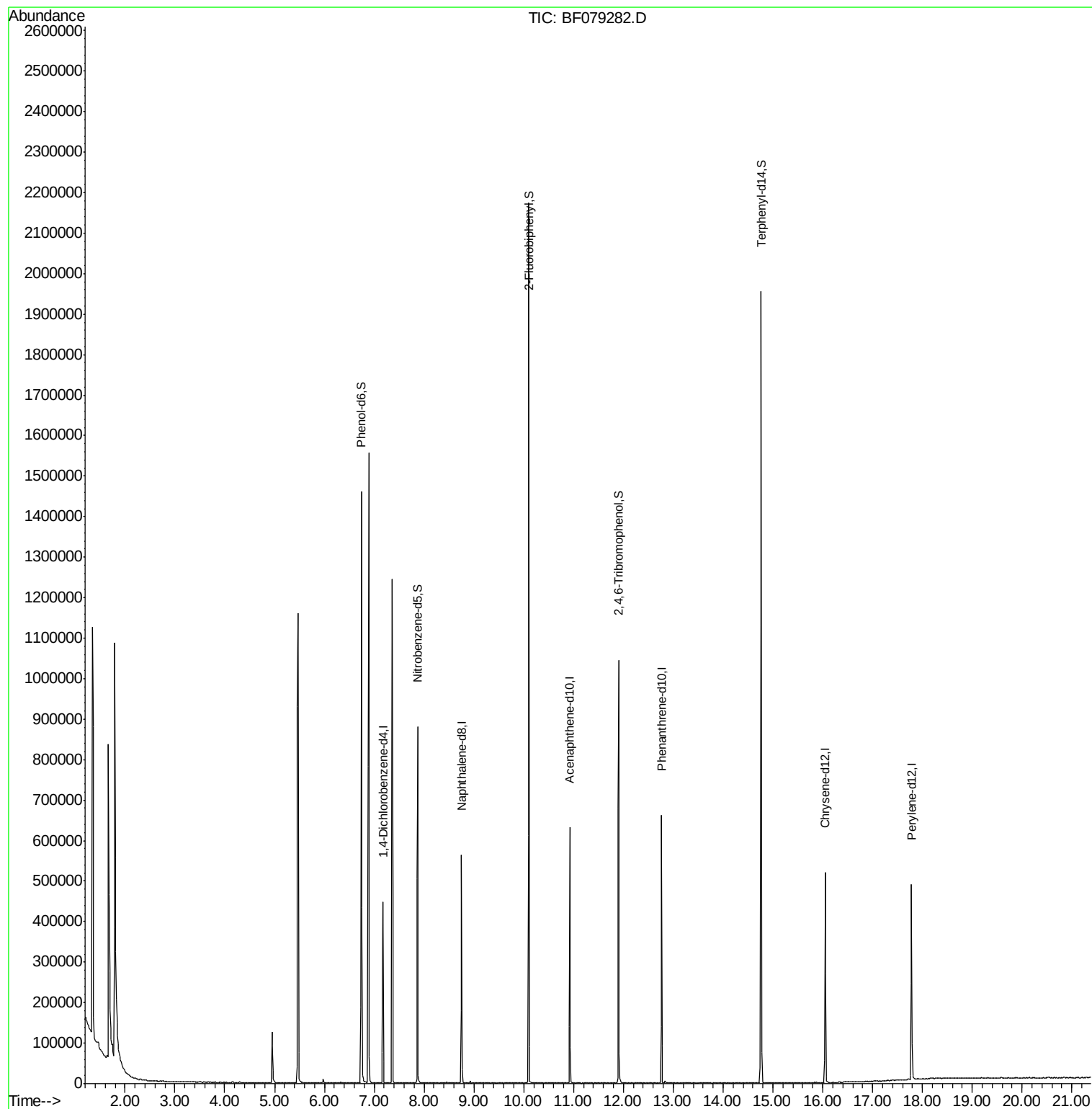
Target Compounds	Qvalue
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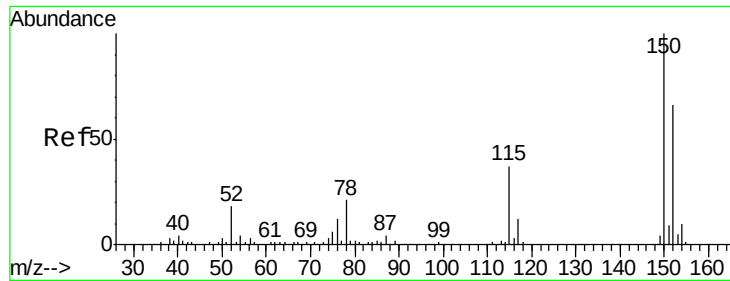
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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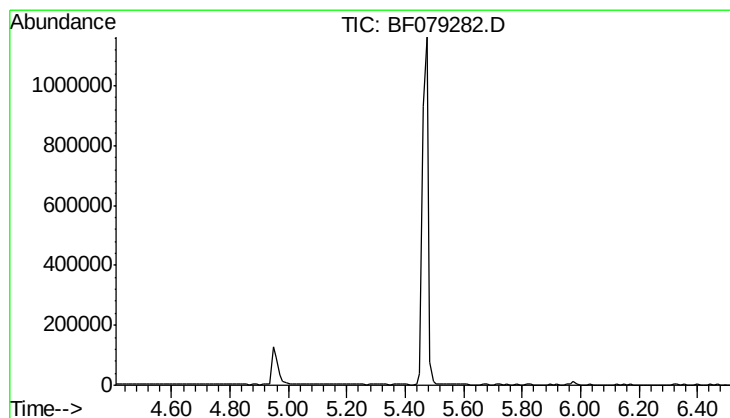
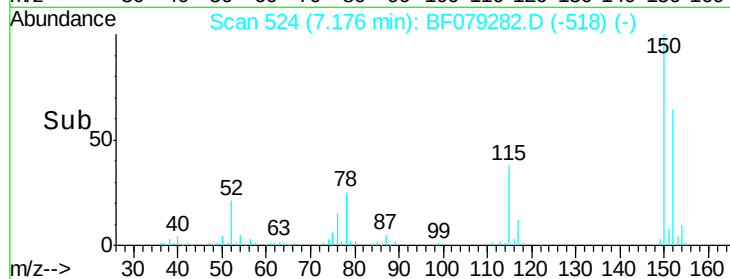
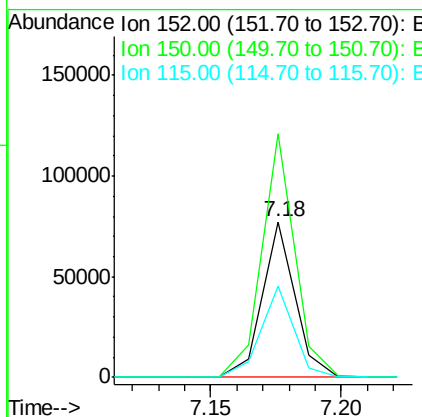
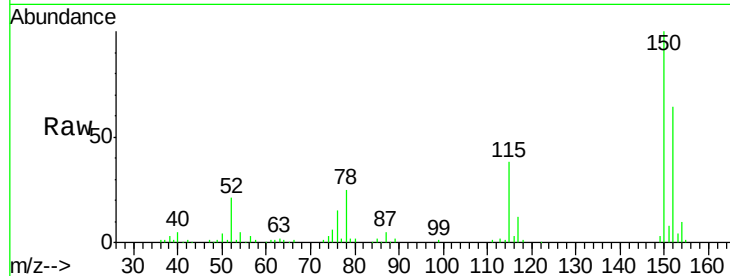




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

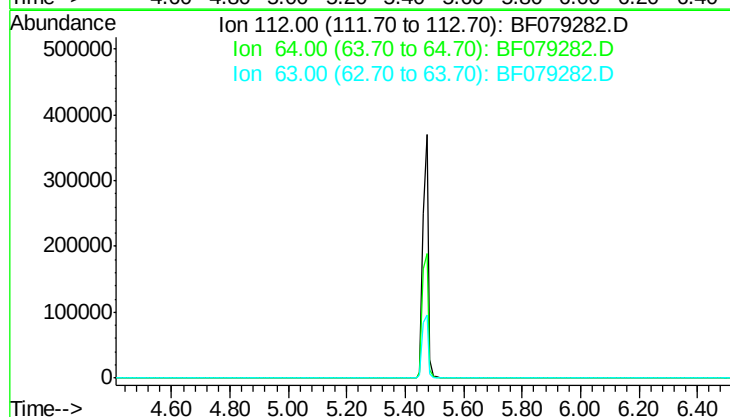
Instrument :
 BNA_F
 ClientSampleId :
 PB83417TB

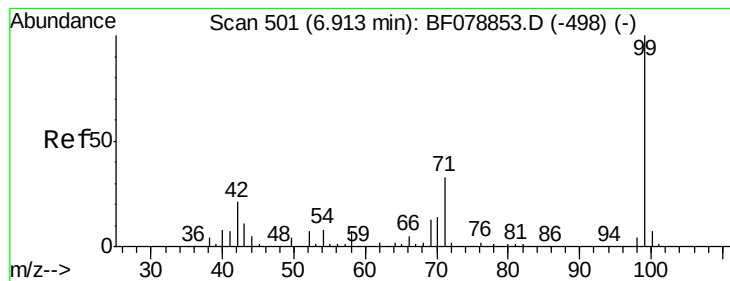
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.8
115	59.0	49.4	74.0



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.46 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#7

Phenol-d6

Concen: 104.66 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079282.D

Acq: 15 May 2015 21:06

Instrument :

BNA_F

ClientSampleId :

PB83417TB

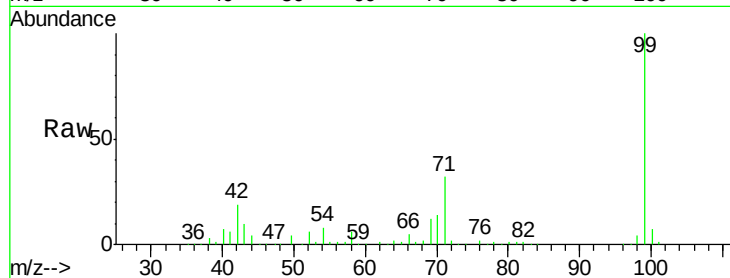
Tgt Ion: 99 Resp: 539711

Ion Ratio Lower Upper

99 100

42 19.0 17.1 25.7

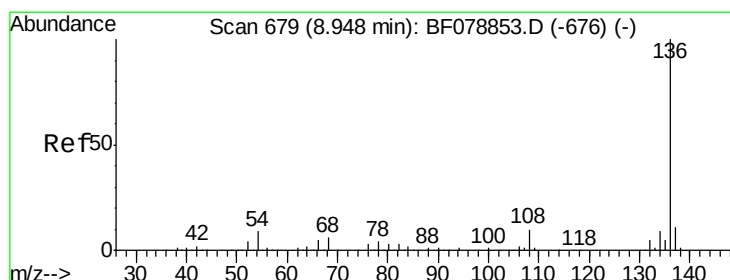
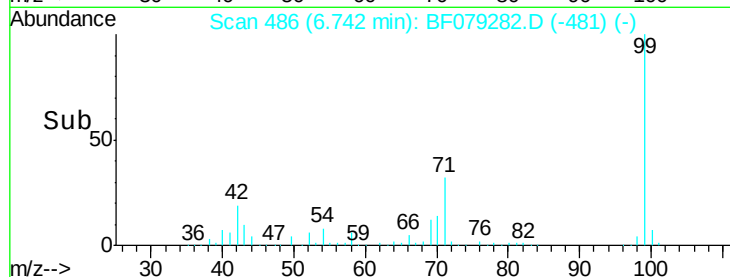
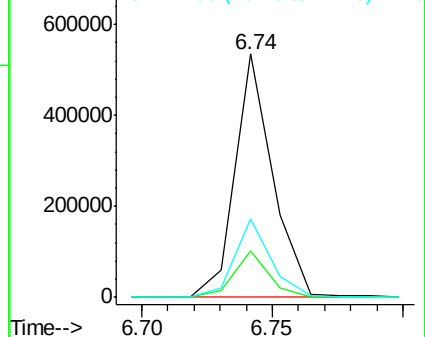
71 32.2 26.3 39.5



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: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079282.D

Acq: 15 May 2015 21:06

Tgt Ion: 136 Resp: 269109

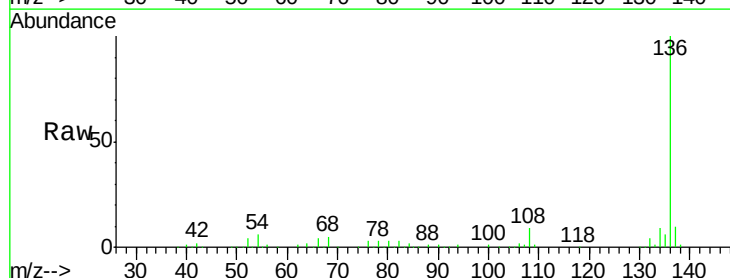
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.4 6.9 10.3#

68 5.1 4.9 7.3

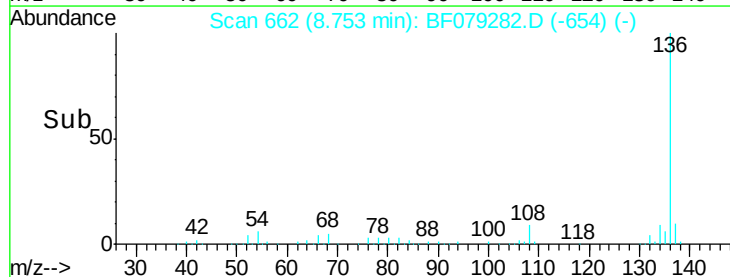
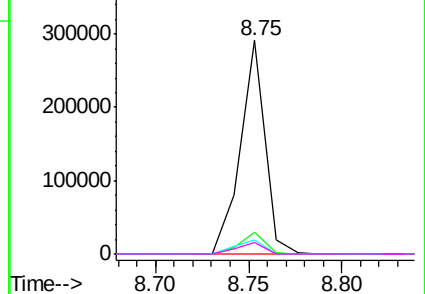


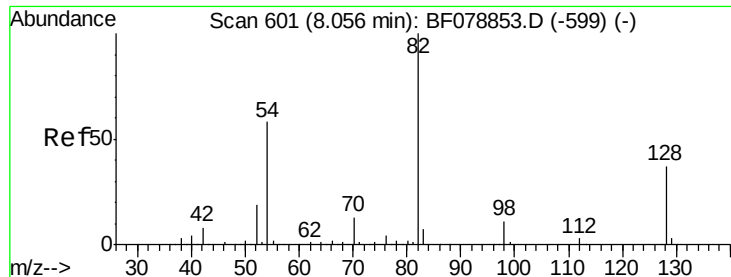
Abundance Ion 136.00 (135.70 to 136.70): E

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

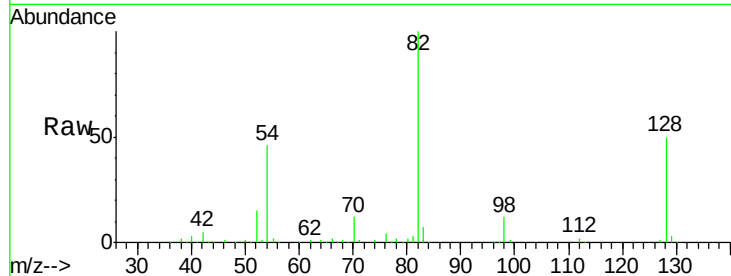




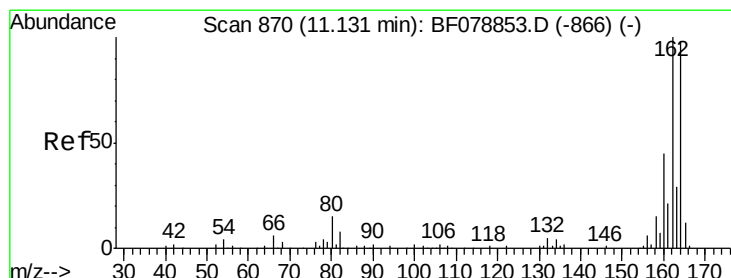
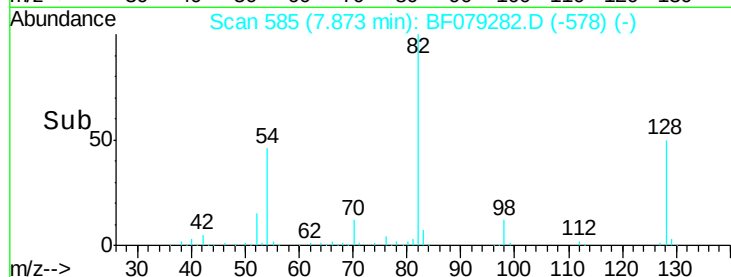
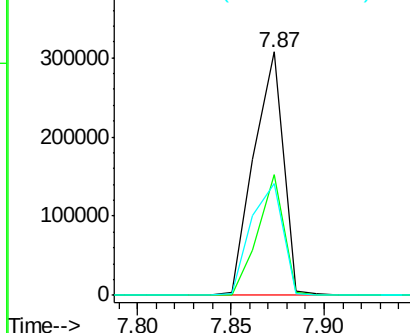
#23
 Nitrobenzene-d5
 Concen: 72.07 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83417TB

Tgt Ion: 82 Resp: 337473
 Ion Ratio Lower Upper
 82 100
 128 49.7 29.7 44.5#
 54 45.6 46.2 69.4#

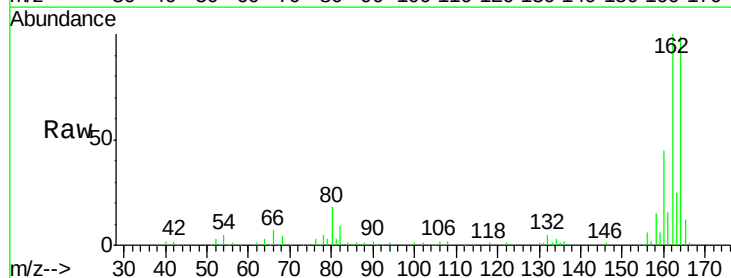


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

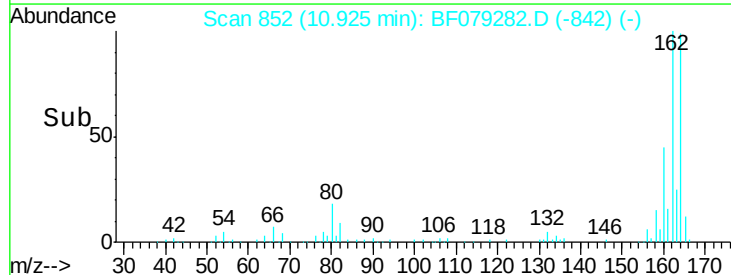
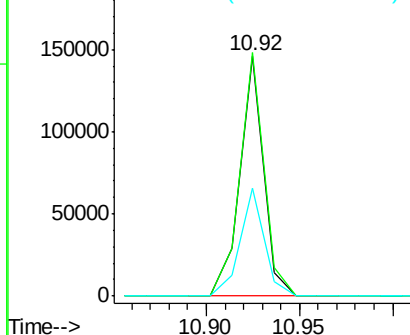


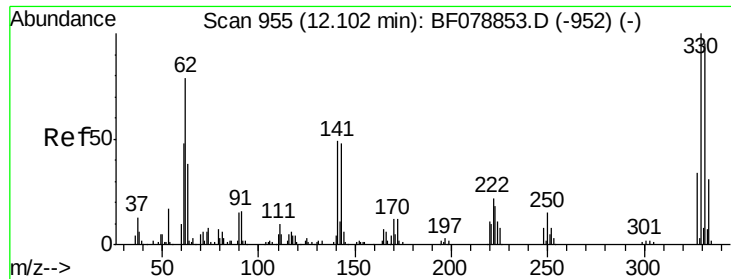
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Tgt Ion: 164 Resp: 130172
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.4 122.0
 160 45.2 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

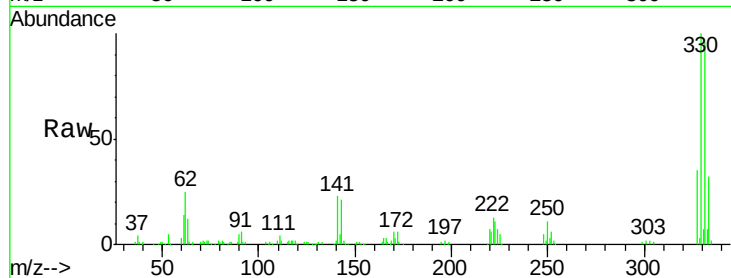




#41
 2,4,6-Tribromophenol
 Concen: 120.58 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83417TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	33.6	27.8	41.8

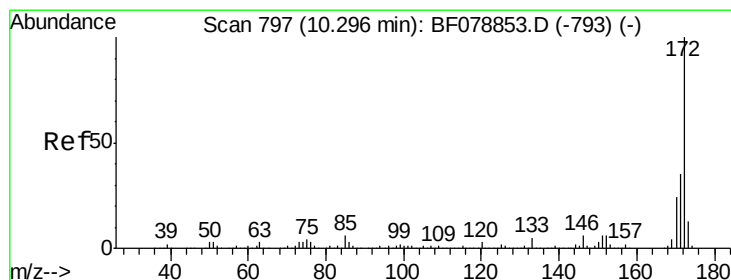
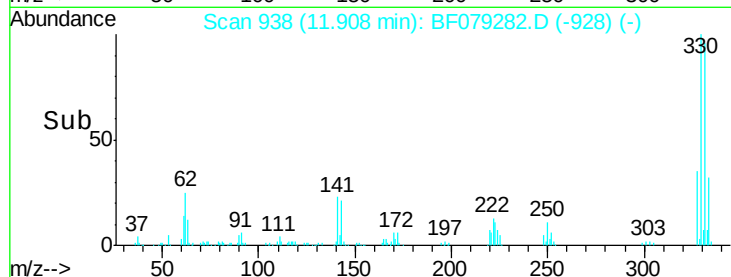
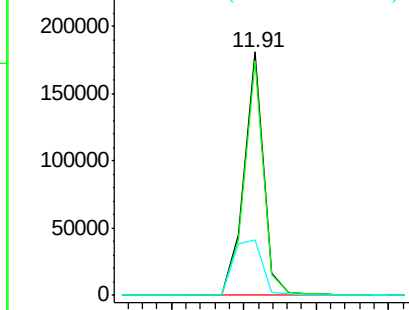


Abundance

Ion 329.80 (329.50 to 330.50): E

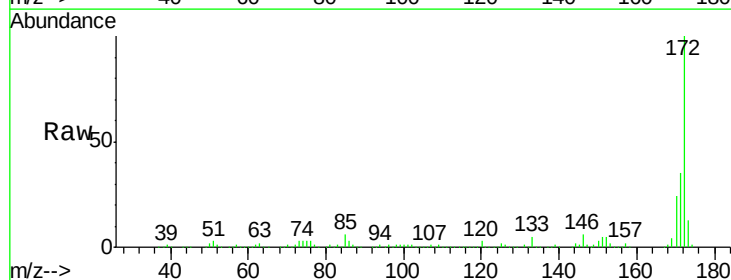
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.45 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	24.2	19.4	29.2

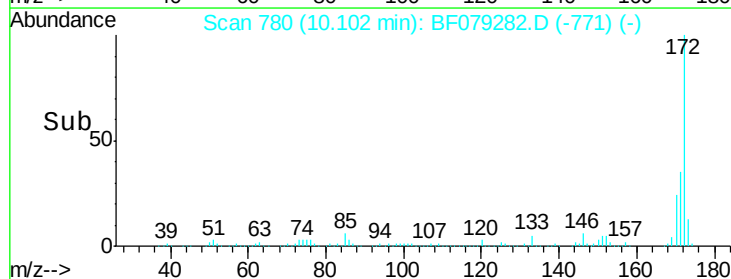
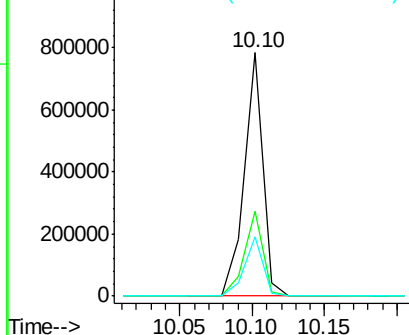


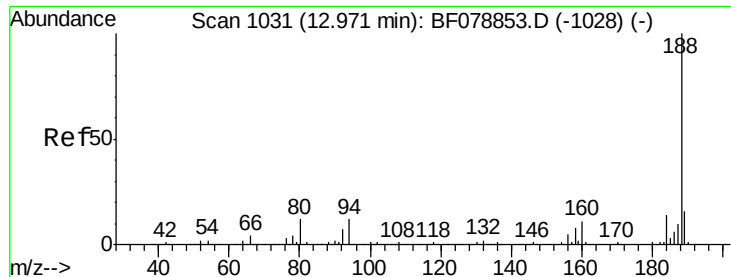
Abundance

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

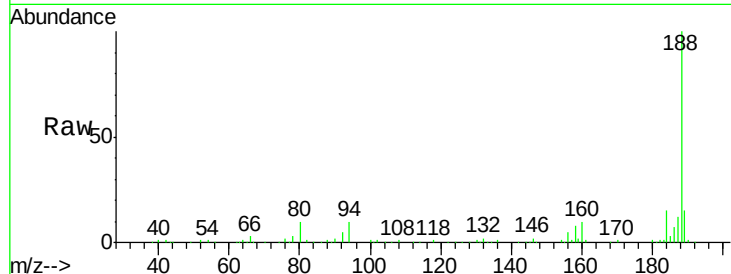




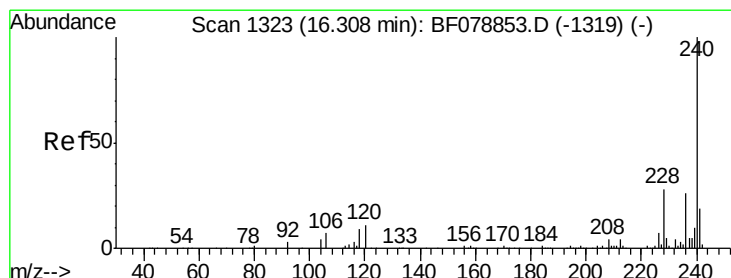
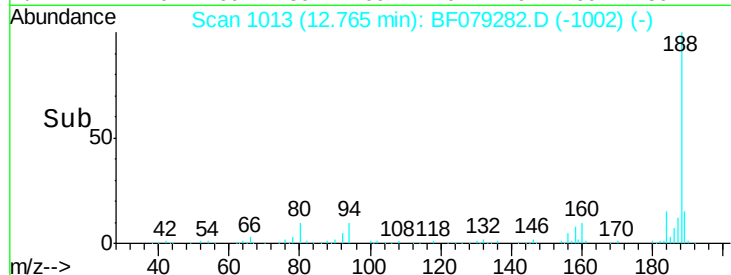
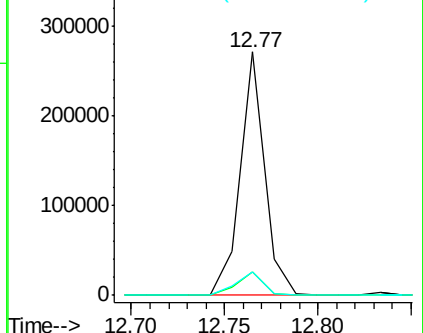
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079282.D
Acq: 15 May 2015 21:06

Instrument :
BNA_F
ClientSampleId :
PB83417TB

Tgt Ion:188 Resp: 248544
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.0
80 9.6 9.8 14.6#

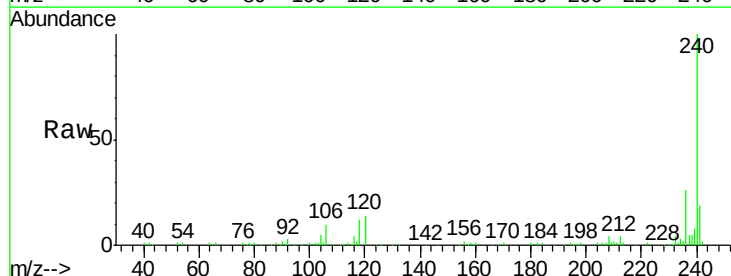


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

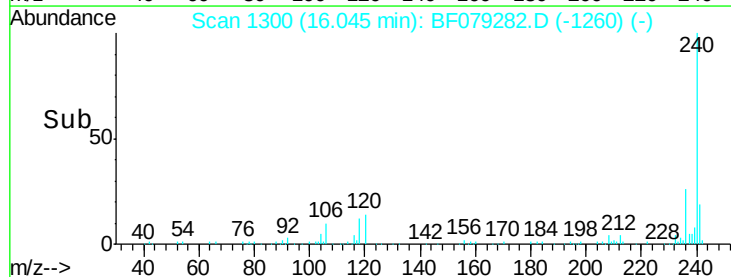
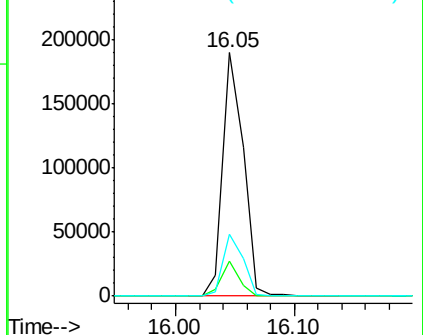


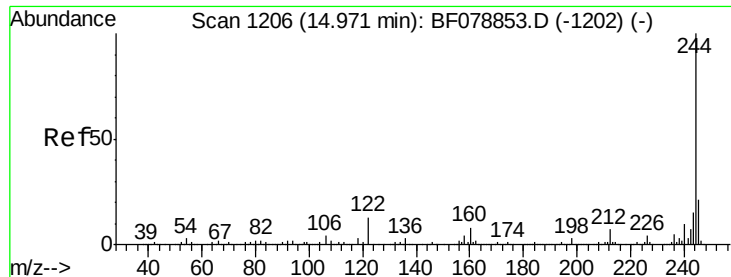
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.05 min
Lab File: BF079282.D
Acq: 15 May 2015 21:06

Tgt Ion:240 Resp: 228170
Ion Ratio Lower Upper
240 100
120 14.4 8.6 12.8#
236 25.6 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: 82.36 ng

RT: 14.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF079282.D

Acq: 15 May 2015 21:06

Instrument :

BNA_F

ClientSampleId :

PB83417TB

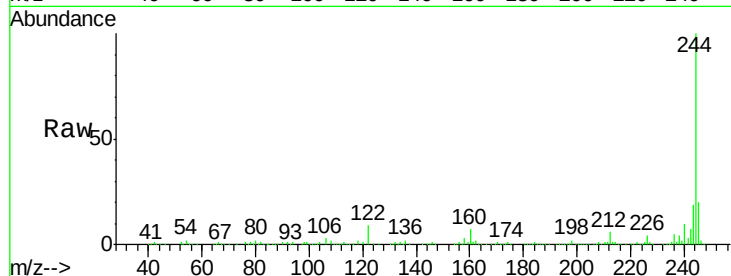
Tgt Ion:244 Resp: 784901

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

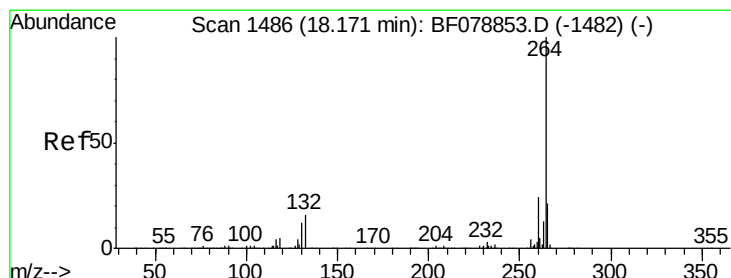
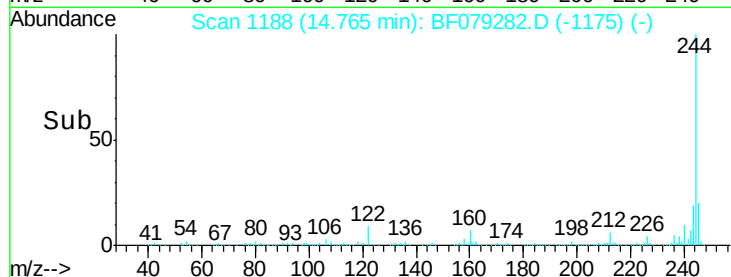
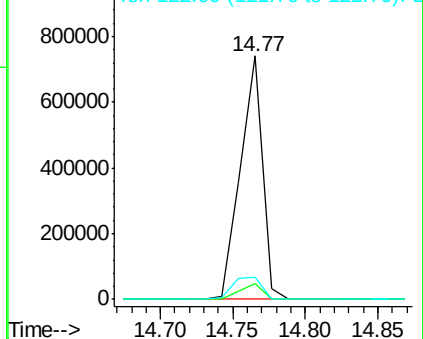
122 9.2 10.5 15.7#



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: 17.78 min Scan# 1452

Delta R.T. -0.15 min

Lab File: BF079282.D

Acq: 15 May 2015 21:06

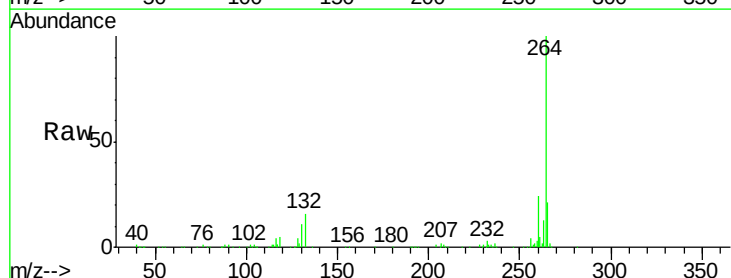
Tgt Ion:264 Resp: 226320

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.1 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

