

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079273.D
 Acq On : 15 May 2015 16:49
 Operator : TP/IZ
 Sample : PB83262BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BL

Quant Time: May 15 23:18:03 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	63976	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	264607	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	129369	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	247476	20.00	ng	0.00
75) Chrysene-d12	16.07	240	238648	20.00	ng	-0.02
86) Perylene-d12	17.90	264	236438	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.74	99	519788	105.81	ng	-0.01
23) Nitrobenzene-d5	7.87	82	319539	69.40	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	168314	120.26	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	645335	69.50	ng	0.00
78) Terphenyl-d14	14.77	244	778368	78.09	ng	0.00

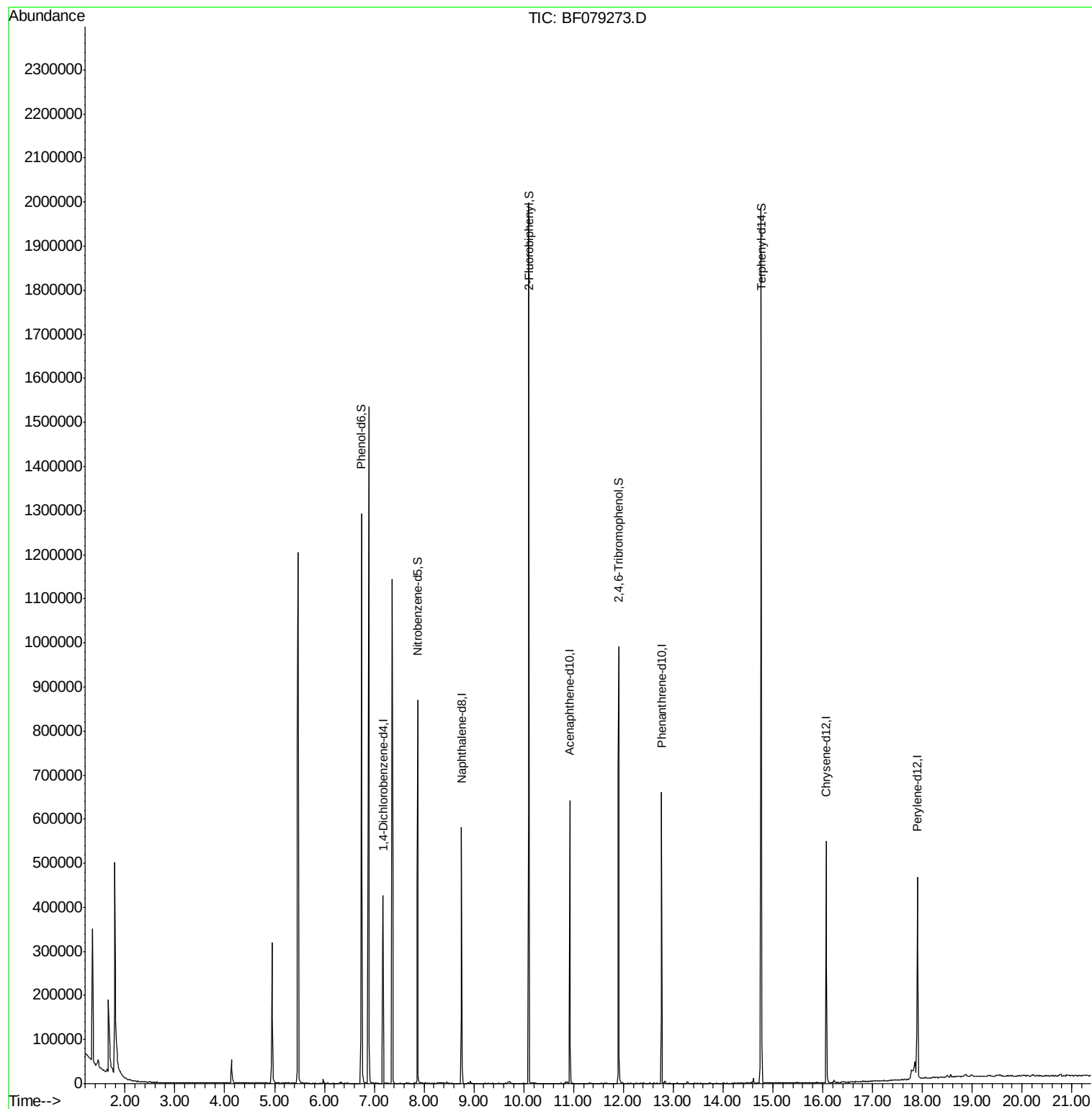
Target Compounds	Qvalue
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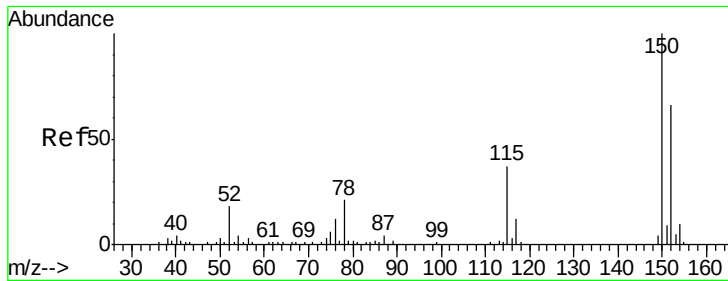
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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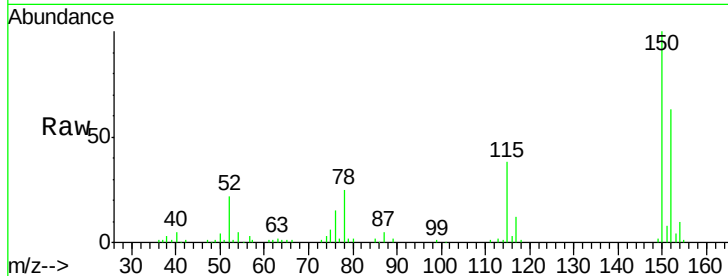




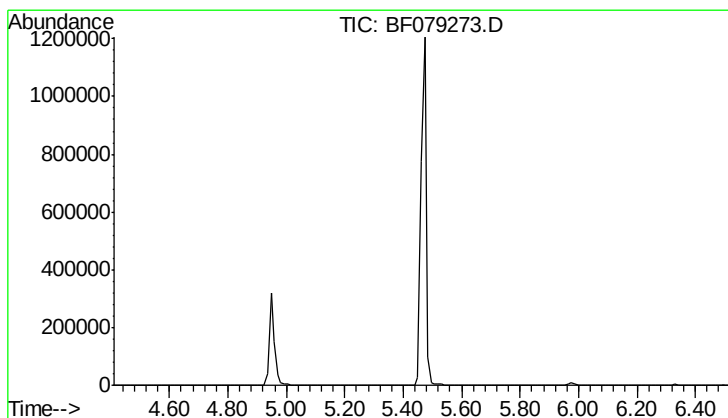
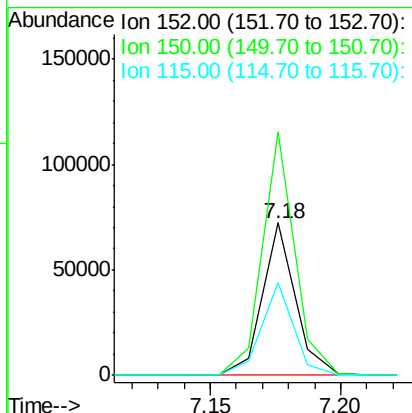
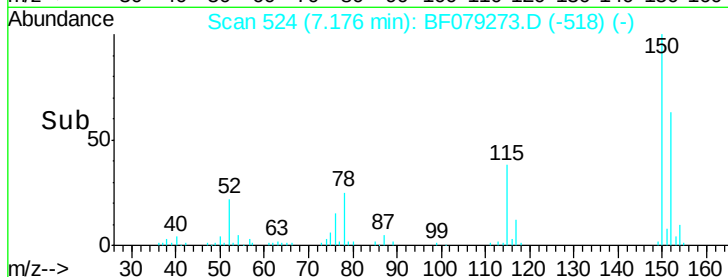
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BL

Tgt Ion	Resp	Lower	Upper
152	100		
150	159.7	123.8	185.8
115	60.5	49.4	74.0

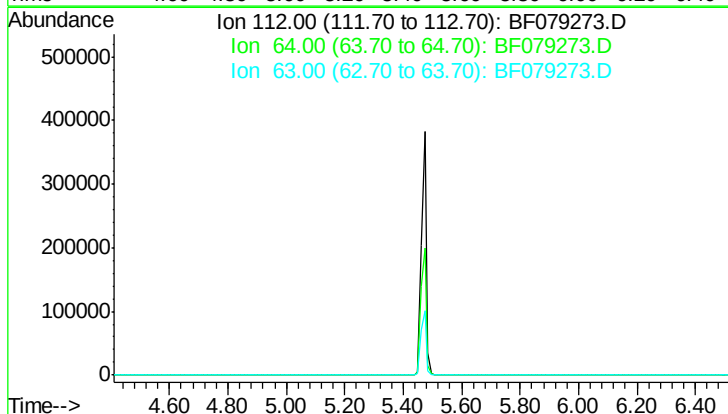


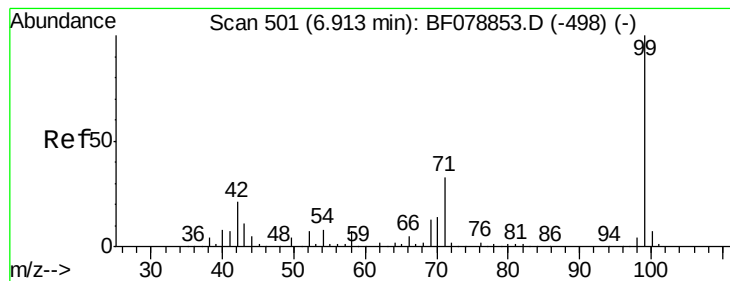
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.46 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#7

Phenol-d6

Concen: 105.81 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079273.D

Acq: 15 May 2015 16:49

Instrument :

BNA_F

ClientSampleId :

PB83262BL

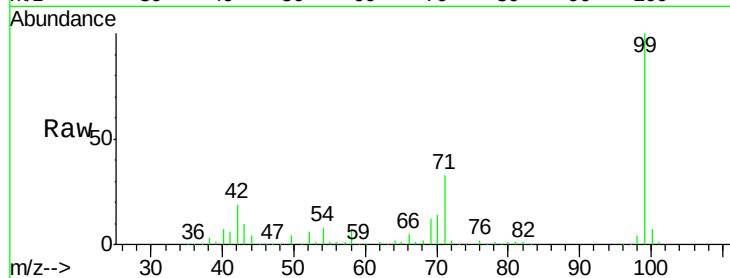
Tgt Ion: 99 Resp: 519788

Ion Ratio Lower Upper

99 100

42 19.5 17.1 25.7

71 32.6 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

6.74

500000

400000

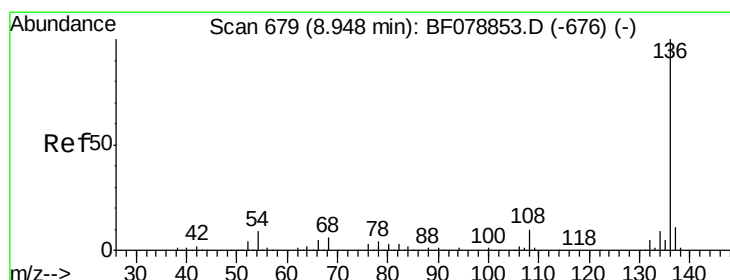
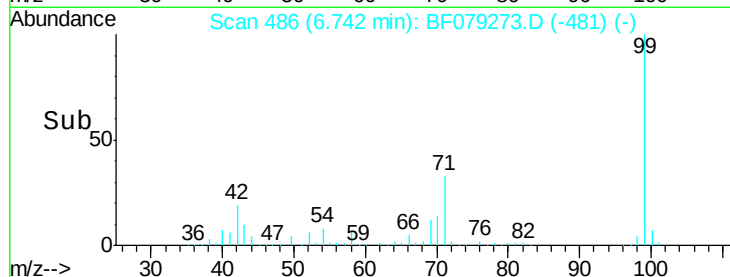
300000

200000

100000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079273.D

Acq: 15 May 2015 16:49

Tgt Ion: 136 Resp: 264607

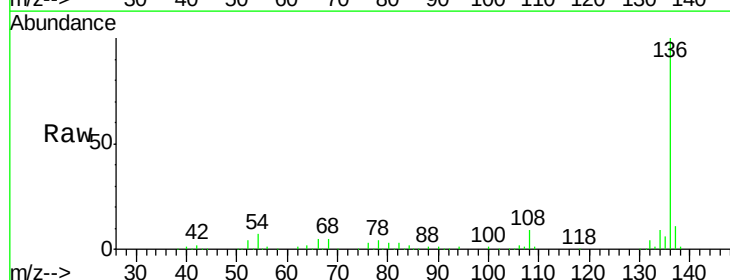
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 6.9 10.3#

68 5.2 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

8.75

400000

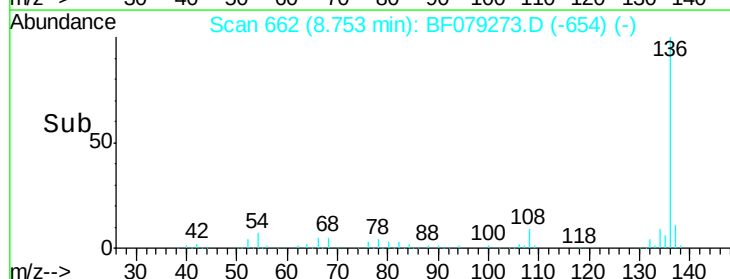
300000

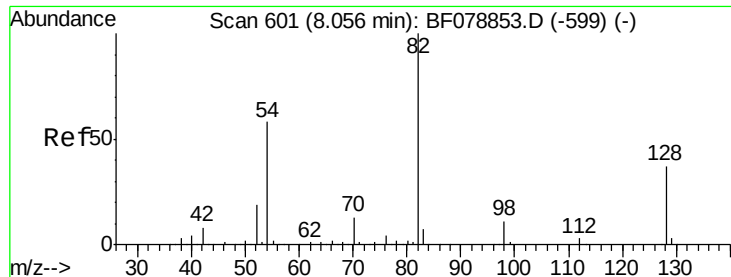
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100000

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Time-->

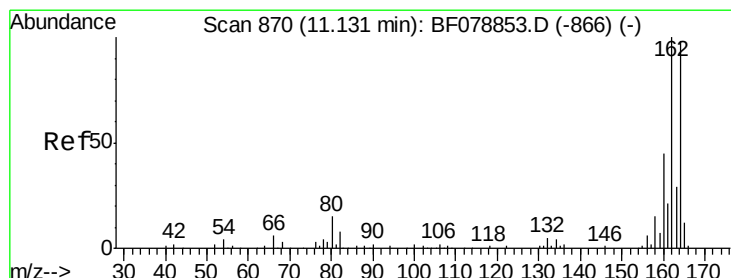
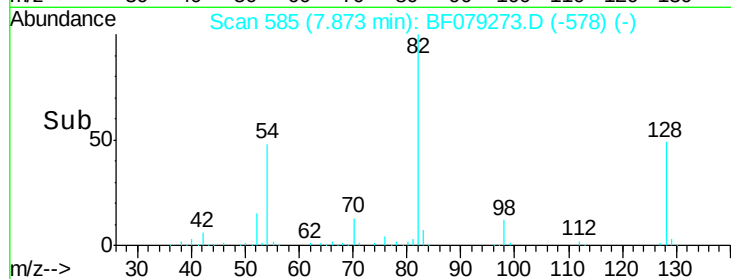
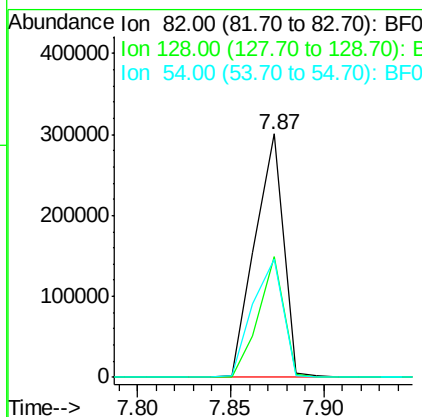
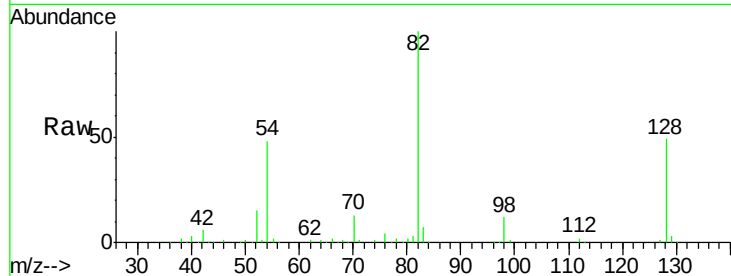




#23
 Nitrobenzene-d5
 Concen: 69.40 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

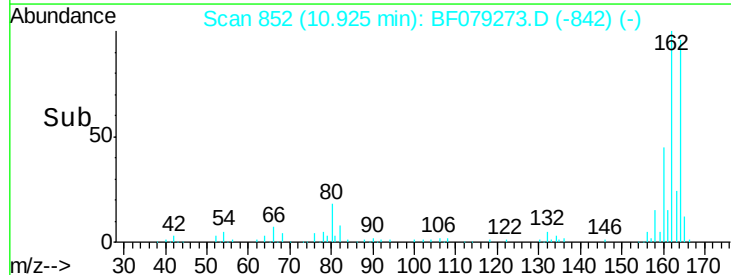
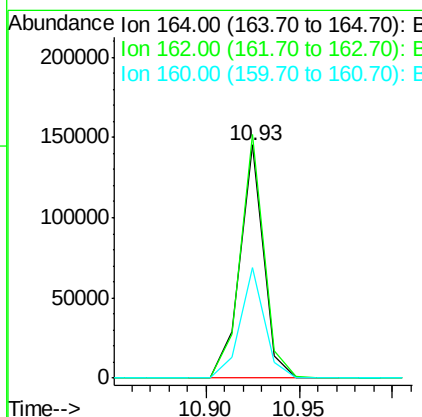
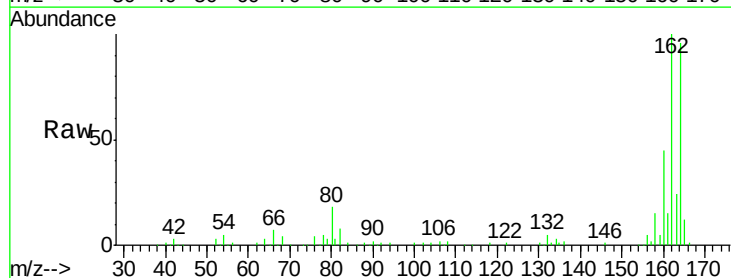
Instrument :
 BNA_F
 ClientSampleId :
 PB83262BL

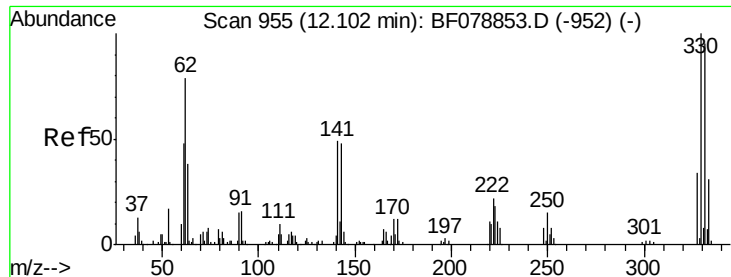
Tgt Ion: 82 Resp: 319539
 Ion Ratio Lower Upper
 82 100
 128 49.4 29.7 44.5#
 54 48.4 46.2 69.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Tgt Ion: 164 Resp: 129369
 Ion Ratio Lower Upper
 164 100
 162 104.4 81.4 122.0
 160 47.4 36.6 54.8

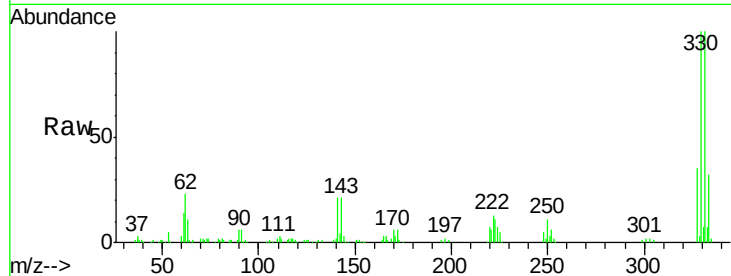




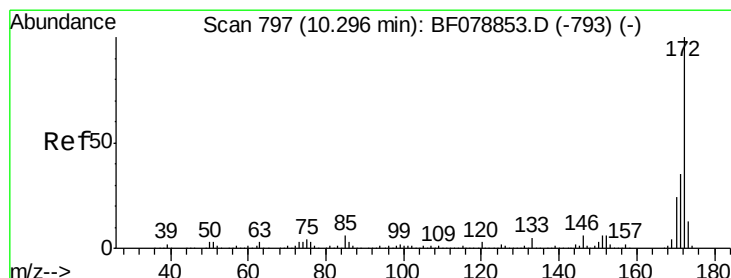
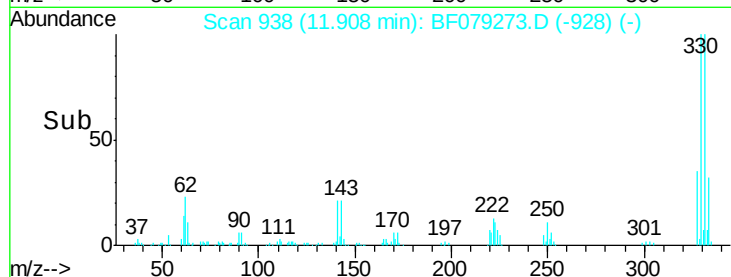
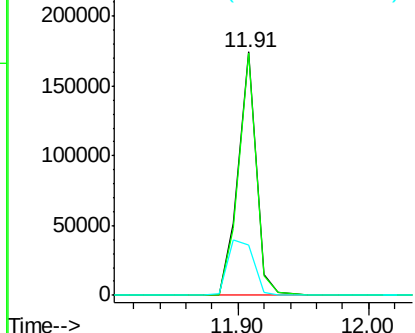
#41
 2,4,6-Tribromophenol
 Concen: 120.26 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BL

Tgt Ion:330 Resp: 168314
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.9 115.3
 141 32.3 27.8 41.8

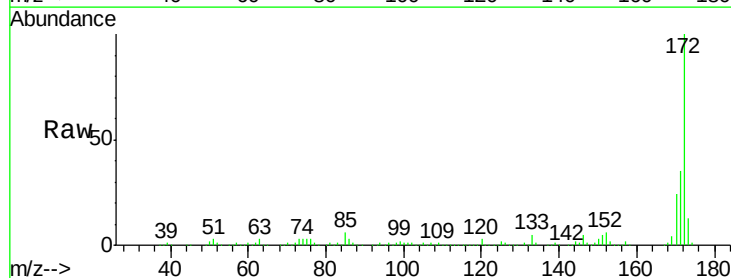


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

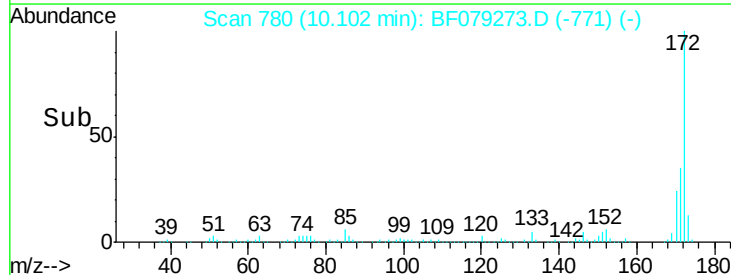
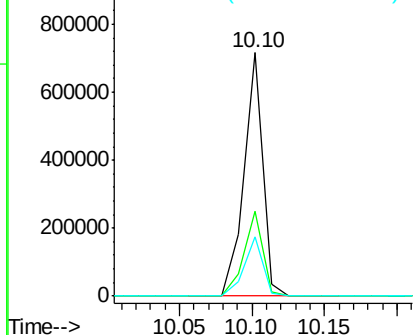


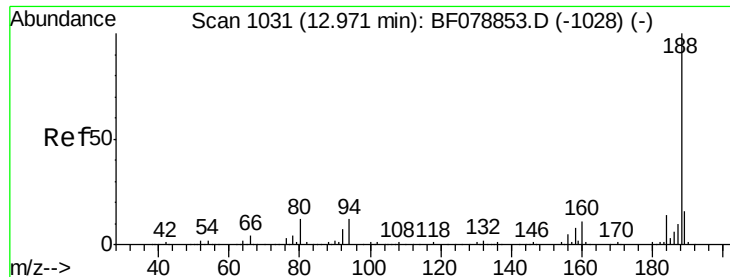
#44
 2-Fluorobiphenyl
 Concen: 69.50 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Tgt Ion:172 Resp: 645335
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

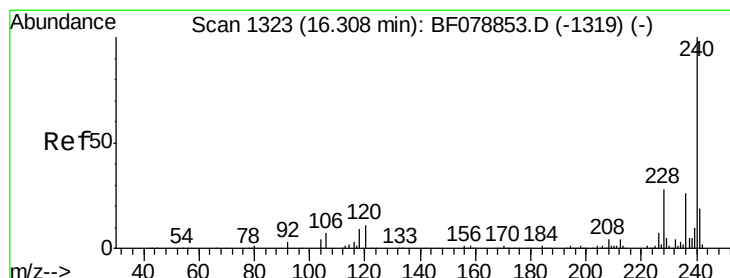
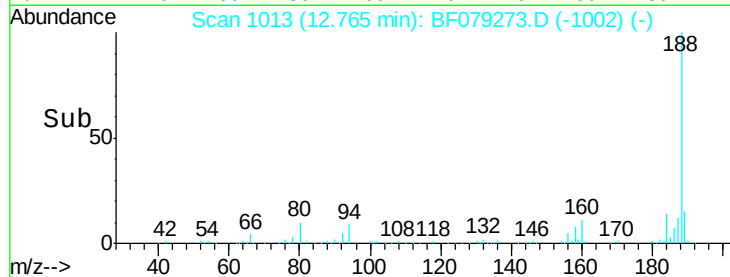
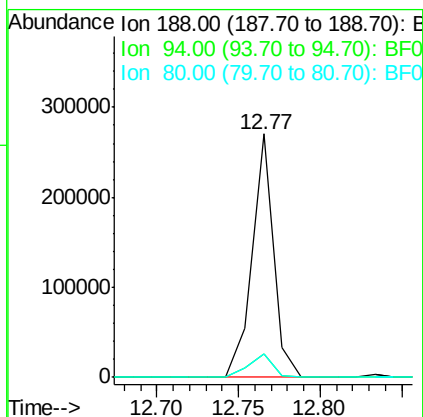
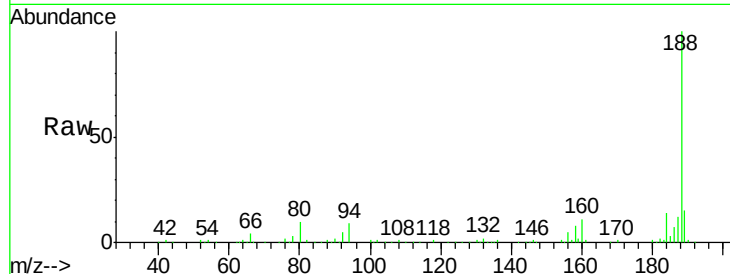




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079273.D
Acq: 15 May 2015 16:49

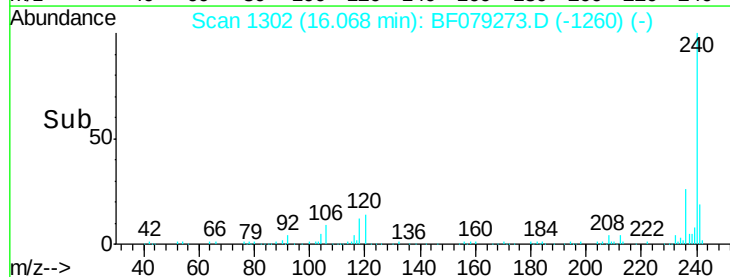
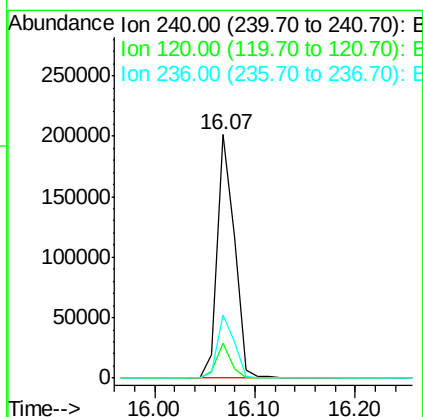
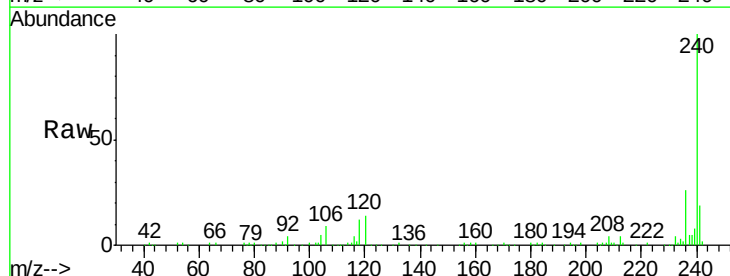
Instrument :
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ClientSampleId :
PB83262BL

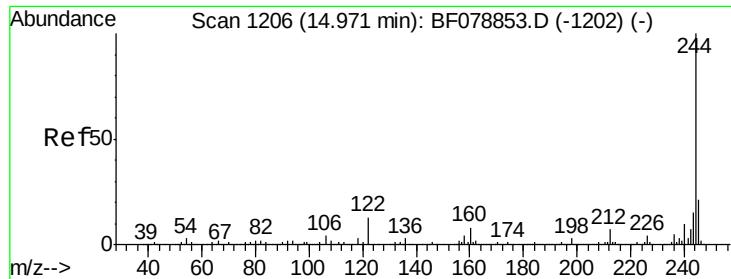
Tgt Ion:188 Resp: 247476
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.0
80 9.8 9.8 14.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF079273.D
Acq: 15 May 2015 16:49

Tgt Ion:240 Resp: 238648
Ion Ratio Lower Upper
240 100
120 14.2 8.6 12.8#
236 26.0 21.0 31.6

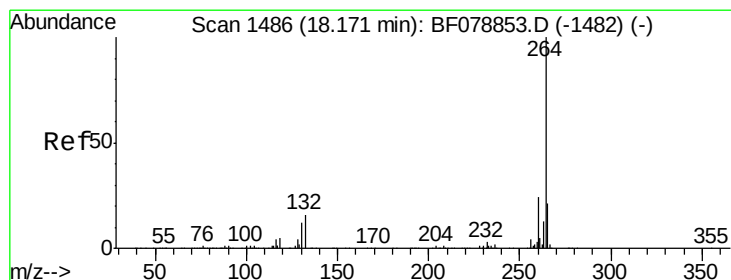
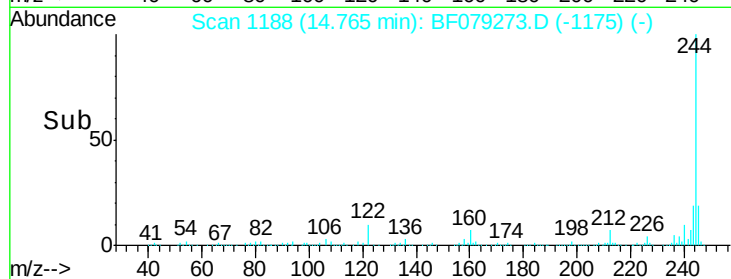
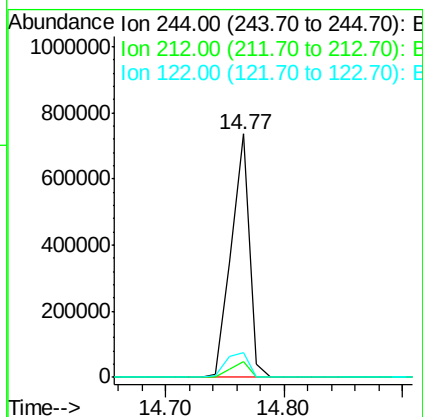
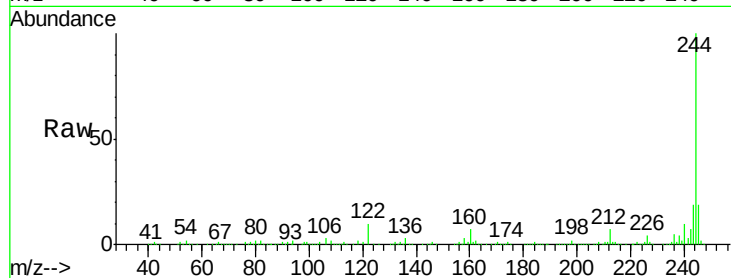




#78
 Terphenyl-d14
 Concen: 78.09 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BL

Tgt Ion:244 Resp: 778368
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.9 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.90 min Scan# 1462
 Delta R.T. -0.03 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Tgt Ion:264 Resp: 236438
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.2 25.8

