

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079283.D
 Acq On : 15 May 2015 21:35
 Operator : TP/IZ
 Sample : G2216-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-42

Quant Time: May 15 23:21:06 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	59254	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	242055	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	116270	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	221750	20.00	ng	0.00
75) Chrysene-d12	16.05	240	207017	20.00	ng	-0.05
86) Perylene-d12	17.79	264	200708	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	176889	51.39	ng	0.00
7) Phenol-d6	6.74	99	150818	33.15	ng	-0.01
23) Nitrobenzene-d5	7.87	82	339016	80.49	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	175814	139.78	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	709672	85.04	ng	0.00
78) Terphenyl-d14	14.77	244	665258	76.94	ng	0.00

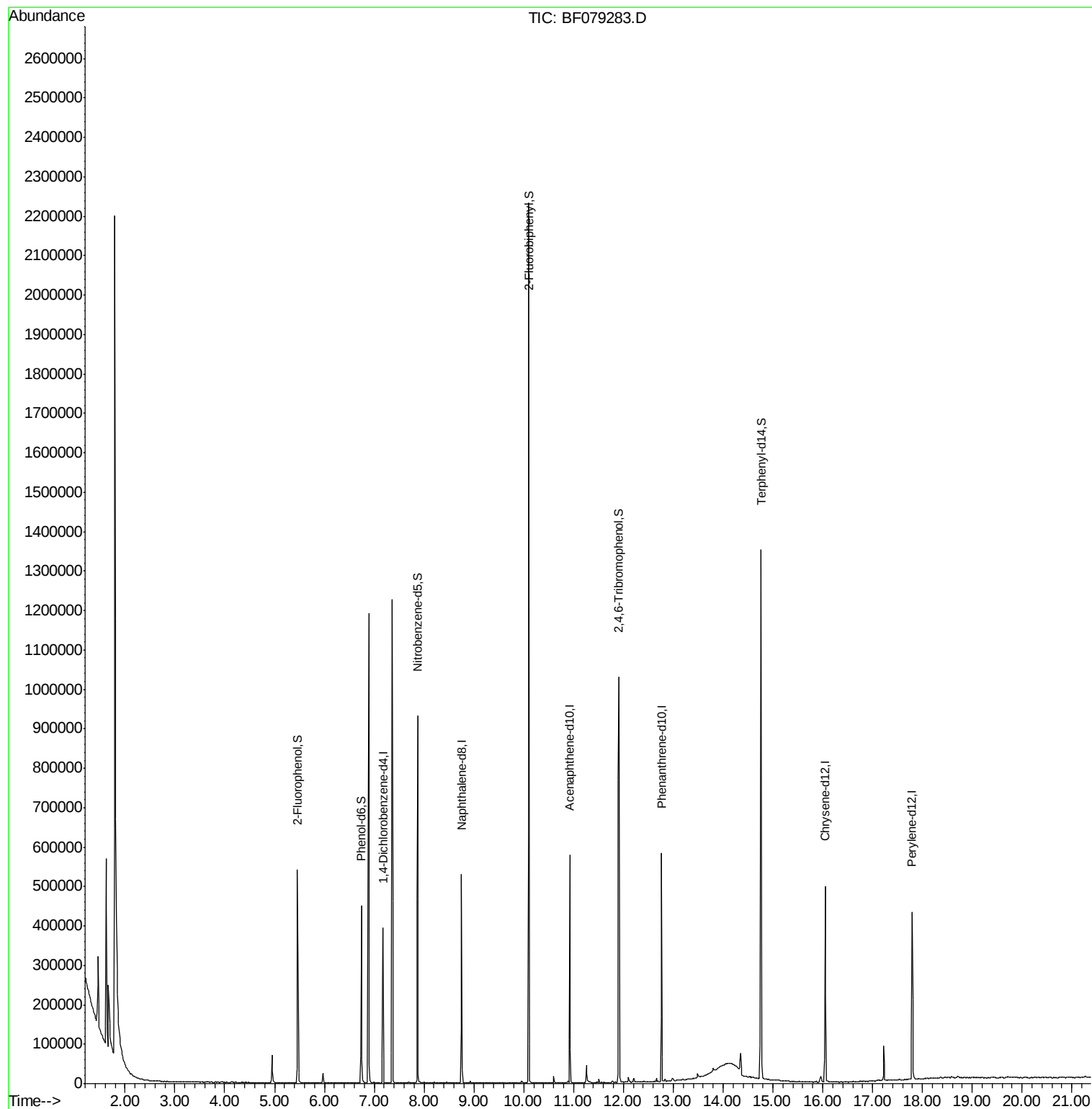
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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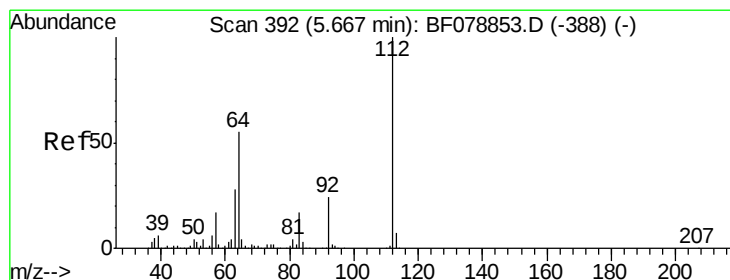
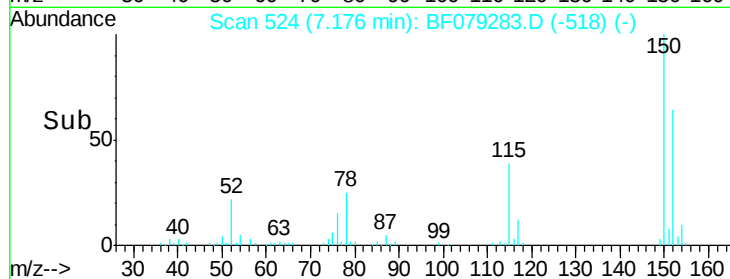
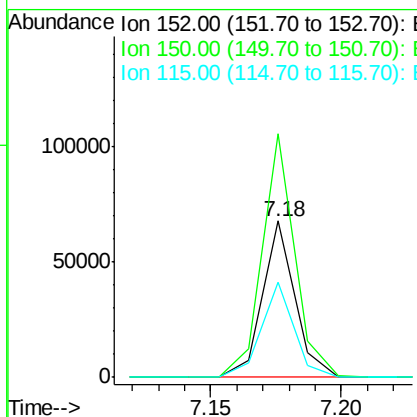
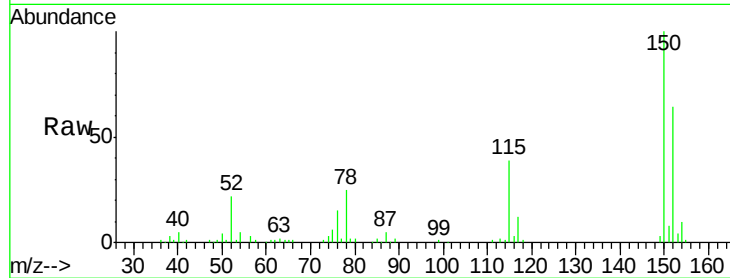




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF079283.D
 Acq: 15 May 2015 21:35

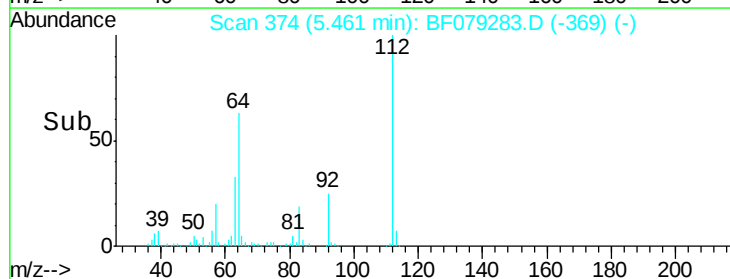
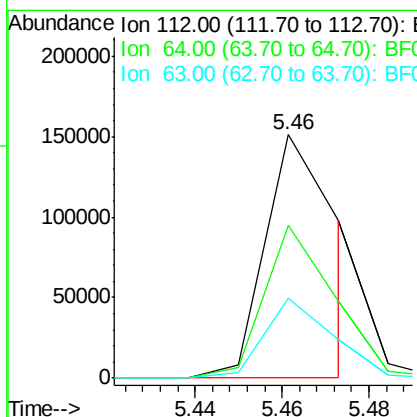
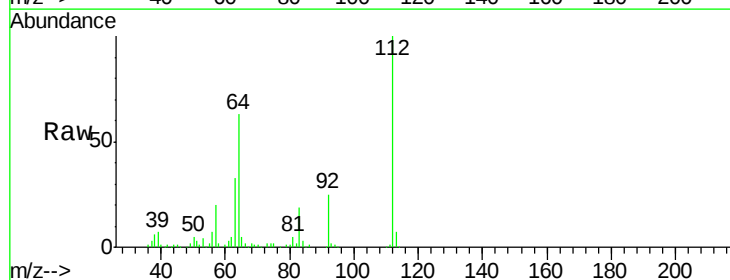
Instrument :
 BNA_F
 ClientSampleId :
 TW-42

Tgt Ion:152 Resp: 59254
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.8 185.8
 115 60.9 49.4 74.0



#5
 2-Fluorophenol
 Concen: 51.39 ng
 RT: 5.46 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: BF079283.D
 Acq: 15 May 2015 21:35

Tgt Ion:112 Resp: 176889
 Ion Ratio Lower Upper
 112 100
 64 62.6 44.2 66.2
 63 32.6 22.7 34.1





#7

Phenol-d6

Concen: 33.15 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079283.D

Acq: 15 May 2015 21:35

Instrument :

BNA_F

ClientSampleId :

TW-42

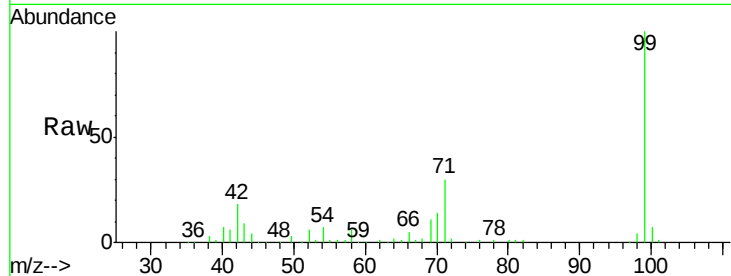
Tgt Ion: 99 Resp: 150818

Ion Ratio Lower Upper

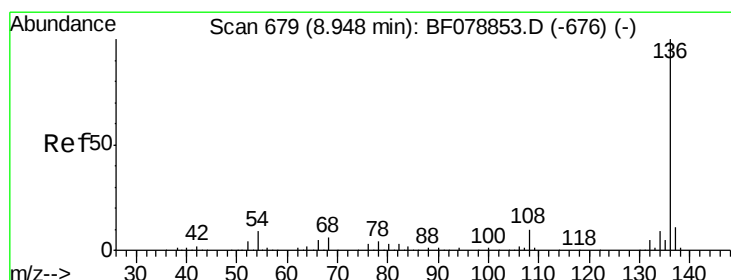
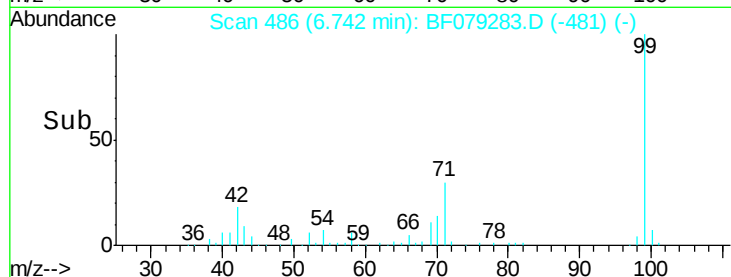
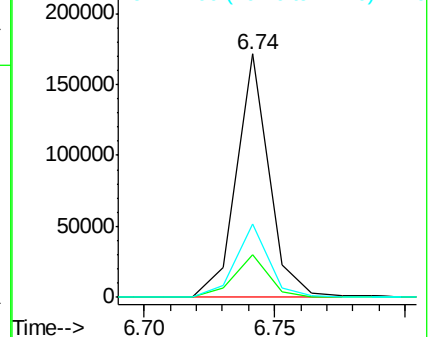
99 100

42 17.6 17.1 25.7

71 30.1 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: BF079283.D

Acq: 15 May 2015 21:35

Tgt Ion: 136 Resp: 242055

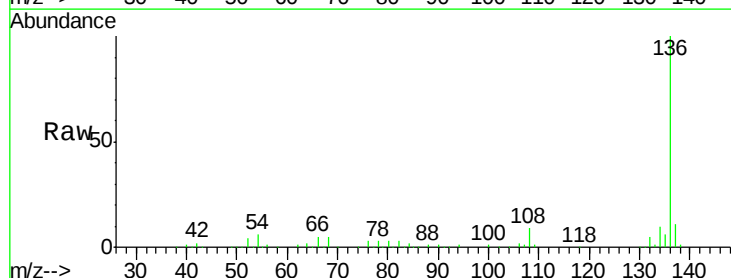
Ion Ratio Lower Upper

136 100

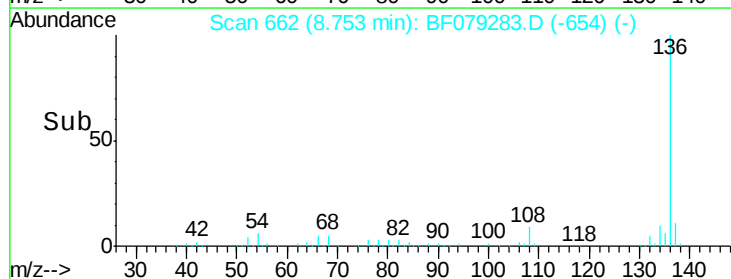
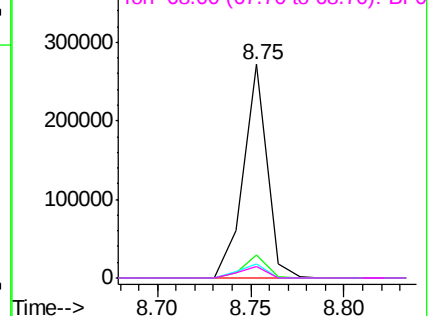
137 10.7 8.8 13.2

54 6.4 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

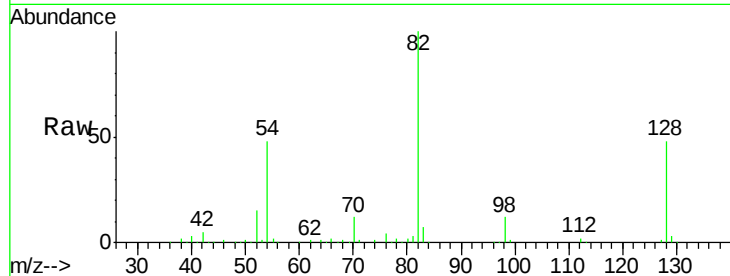




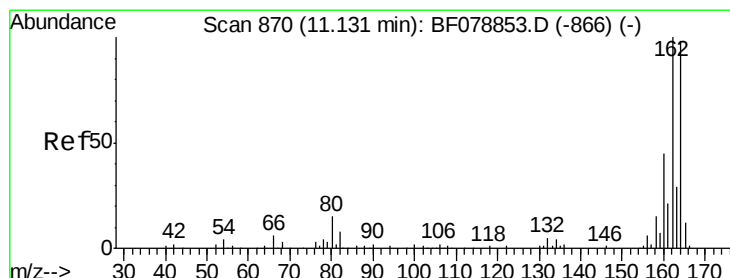
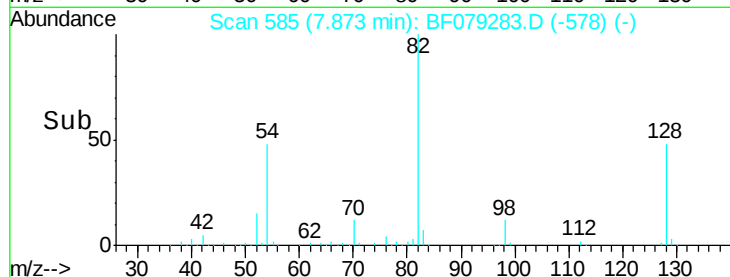
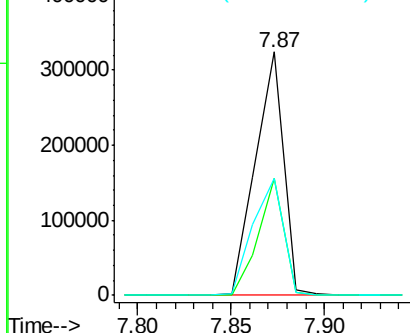
#23
 Nitrobenzene-d5
 Concen: 80.49 ng
 RT: 7.87 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF079283.D
 Acq: 15 May 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 TW-42

Tgt Ion: 82 Resp: 339016
 Ion Ratio Lower Upper
 82 100
 128 47.8 29.7 44.5#
 54 48.1 46.2 69.4

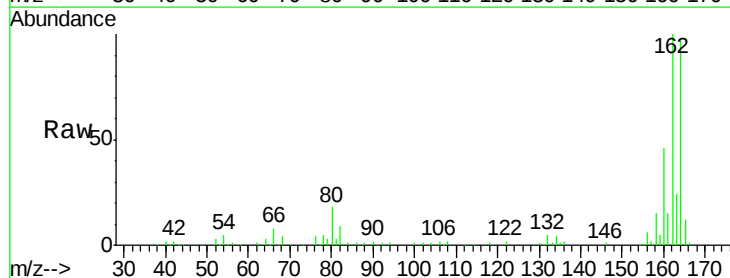


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

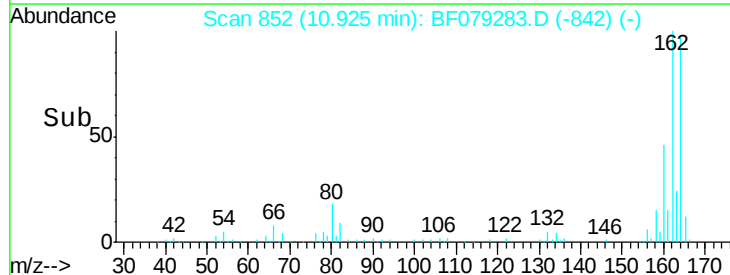
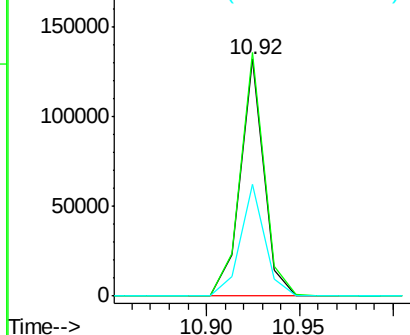


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF079283.D
 Acq: 15 May 2015 21:35

Tgt Ion: 164 Resp: 116270
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.4 122.0
 160 47.3 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

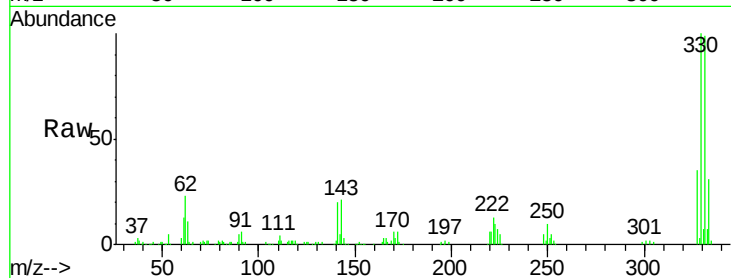




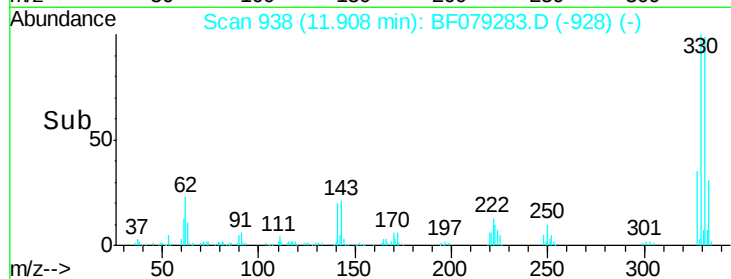
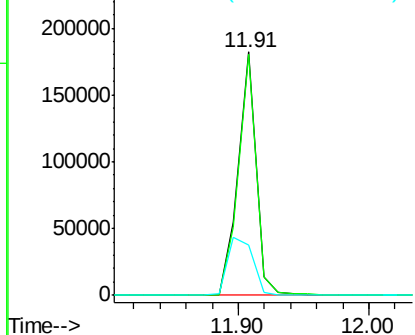
#41
 2,4,6-Tribromophenol
 Concen: 139.78 ng
 RT: 11.91 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF079283.D
 Acq: 15 May 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 TW-42

Tgt Ion:330 Resp: 175814
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.9 115.3
 141 33.2 27.8 41.8

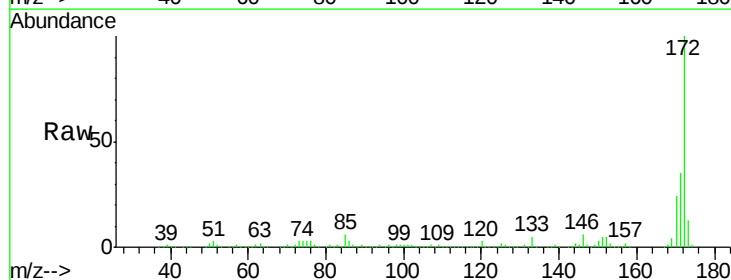


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

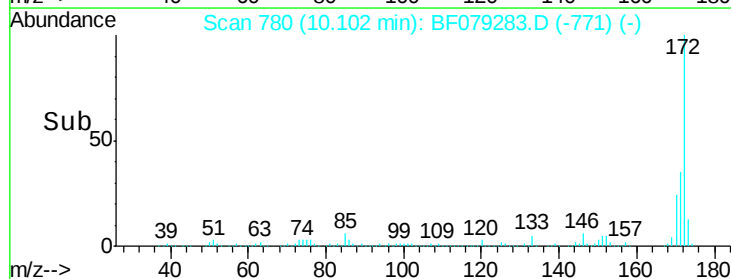
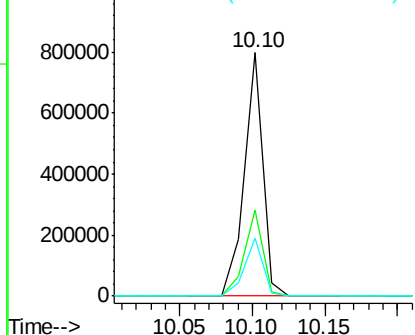


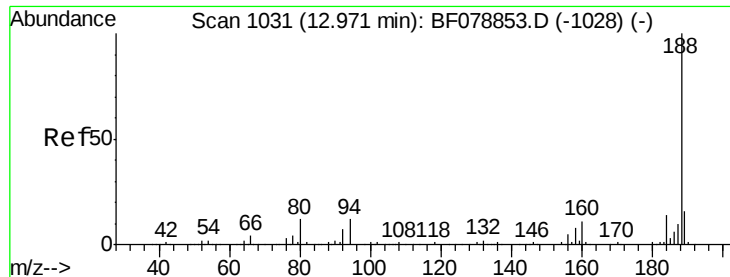
#44
 2-Fluorobiphenyl
 Concen: 85.04 ng
 RT: 10.10 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF079283.D
 Acq: 15 May 2015 21:35

Tgt Ion:172 Resp: 709672
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.8 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

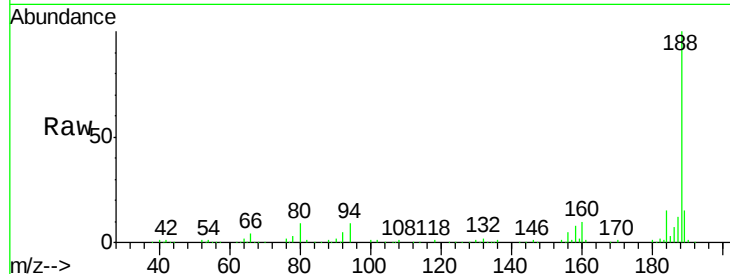




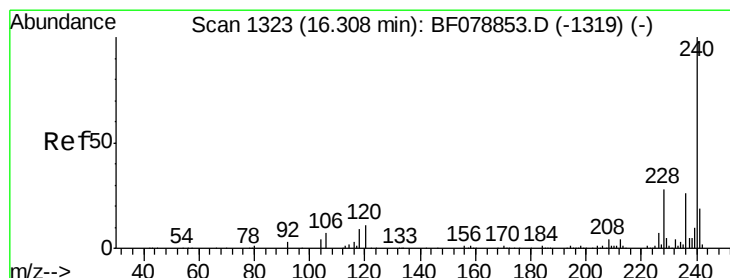
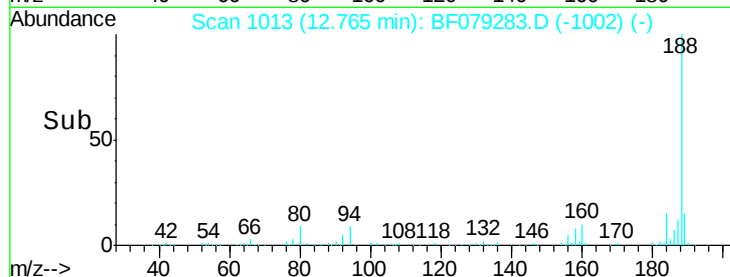
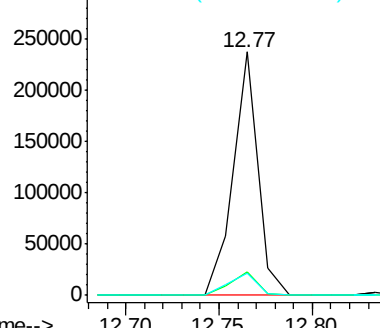
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF079283.D
Acq: 15 May 2015 21:35

Instrument :
BNA_F
ClientSampleId :
TW-42

Tgt Ion:188 Resp: 221750
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.0
80 9.4 9.8 14.6#

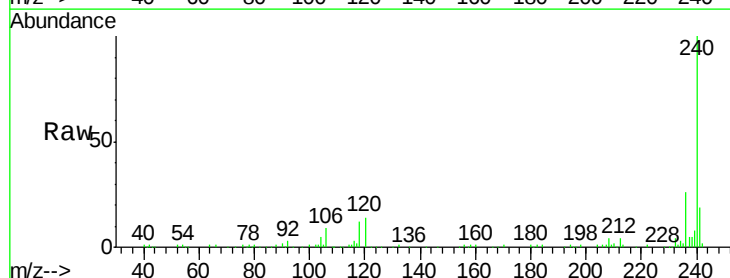


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

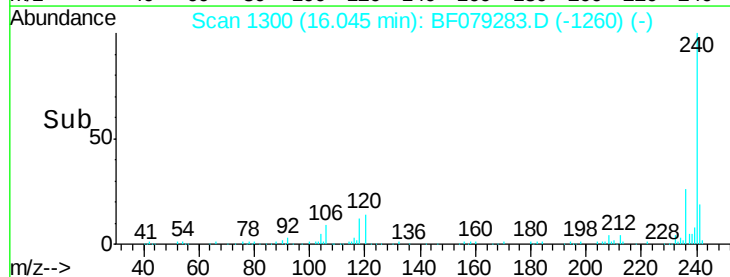
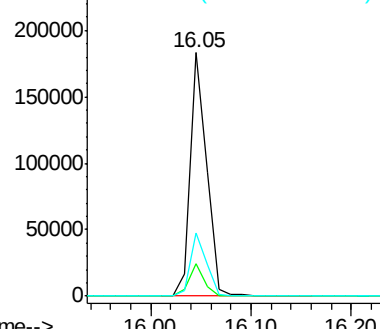


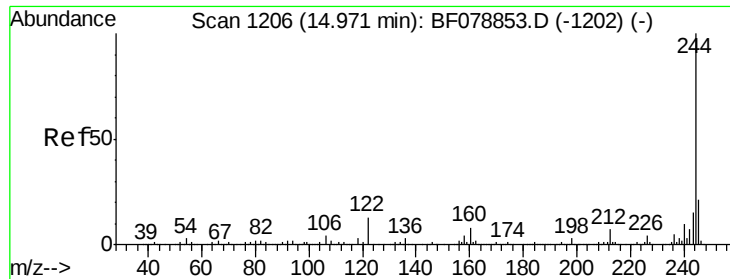
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.05 min
Lab File: BF079283.D
Acq: 15 May 2015 21:35

Tgt Ion:240 Resp: 207017
Ion Ratio Lower Upper
240 100
120 13.5 8.6 12.8#
236 26.1 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: 76.94 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF079283.D

Acq: 15 May 2015 21:35

Instrument :

BNA_F

ClientSampleId :

TW-42

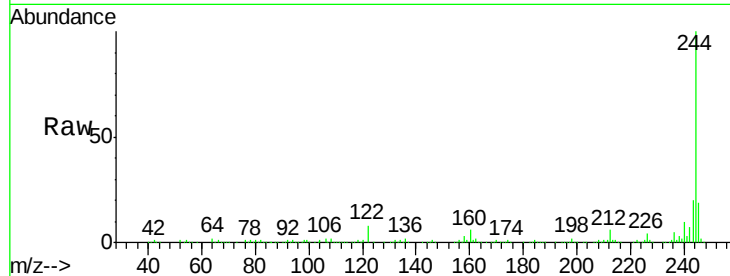
Tgt Ion:244 Resp: 665258

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

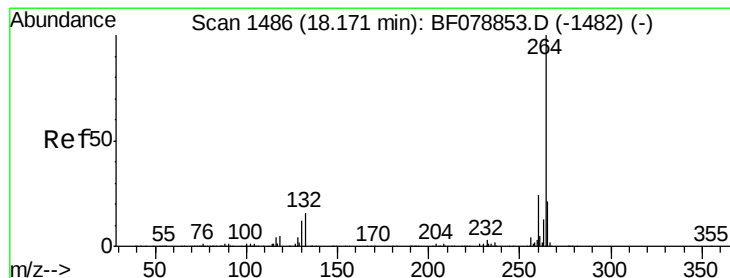
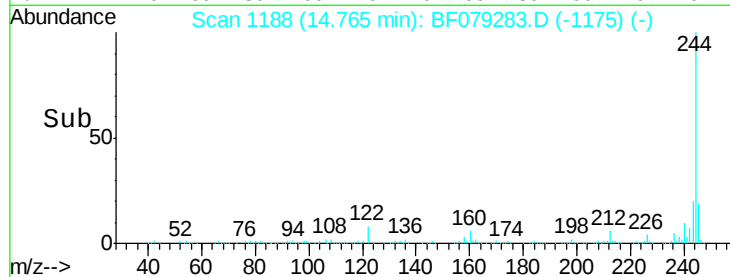
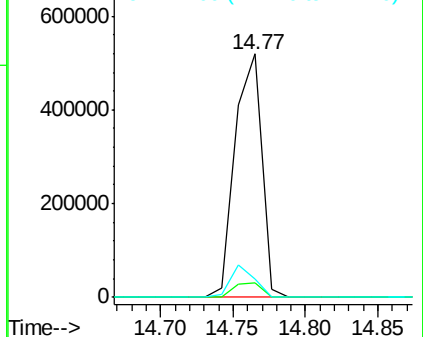
122 7.7 10.5 15.7#



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: 17.79 min Scan# 1453

Delta R.T. -0.14 min

Lab File: BF079283.D

Acq: 15 May 2015 21:35

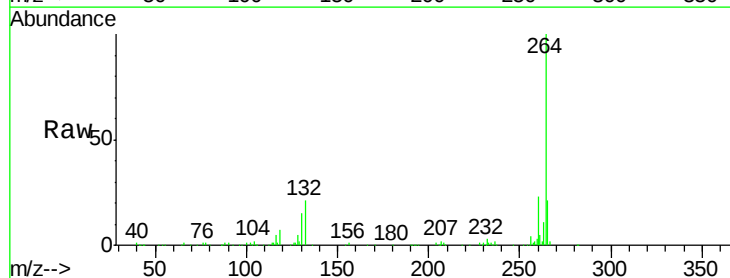
Tgt Ion:264 Resp: 200708

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.6 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

