

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
 Data File : BF081153.D
 Acq On : 21 Aug 2015 19:14
 Operator : UM/IZ
 Sample : G3363-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

Quant Time: Aug 22 00:00:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	62221	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	260295	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	110312	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	235896	20.00	ng	0.00
75) Chrysene-d12	13.66	240	159094	20.00	ng	-0.01
86) Perylene-d12	15.00	264	128008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	504117	121.86	ng	0.02
7) Phenol-d6	6.21	99	588872	109.10	ng	0.00
23) Nitrobenzene-d5	7.12	82	432109	75.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	125949	131.71	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	759759	90.24	ng	-0.01
78) Terphenyl-d14	12.64	244	747718	100.76	ng	0.01

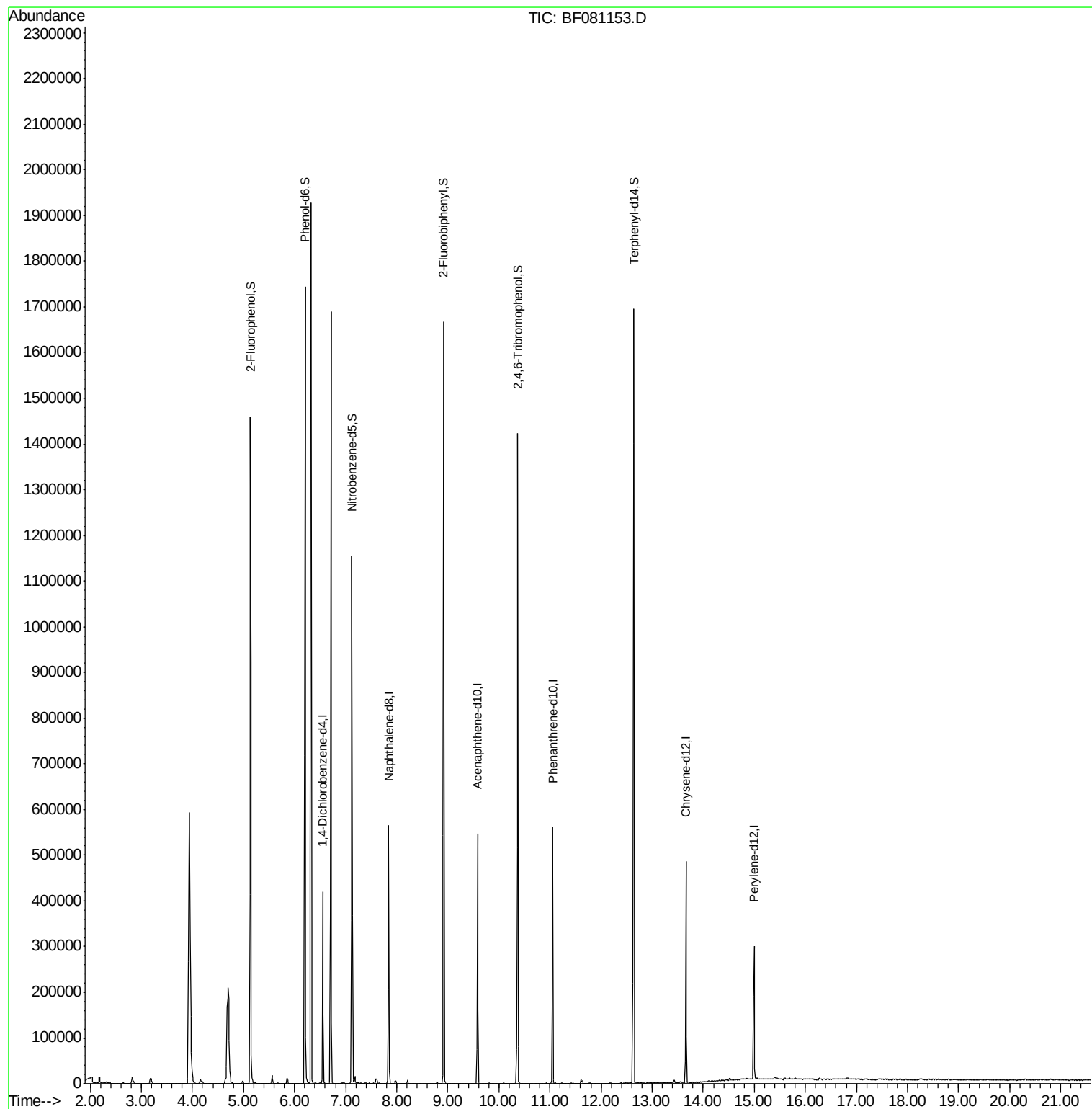
Target Compounds	Qvalue
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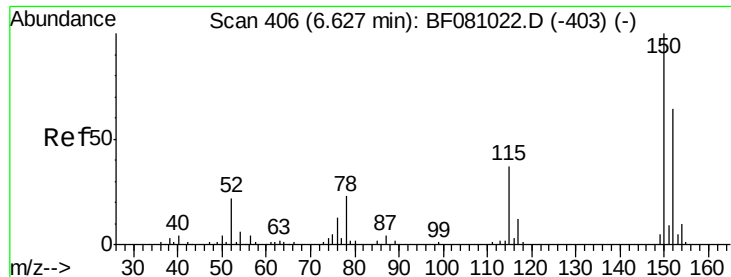
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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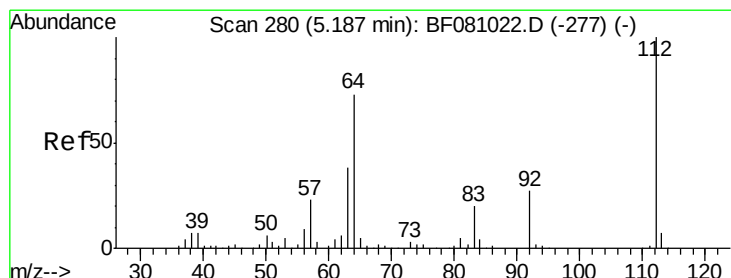
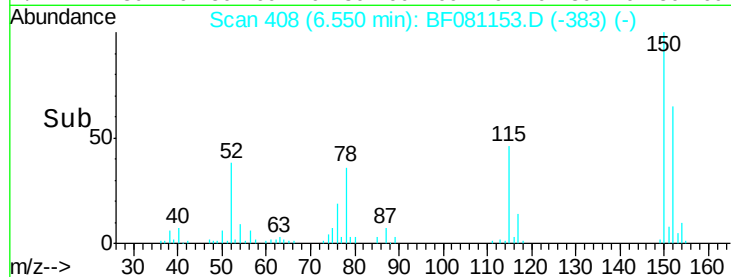
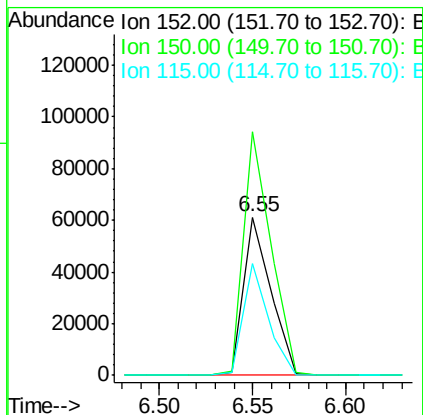
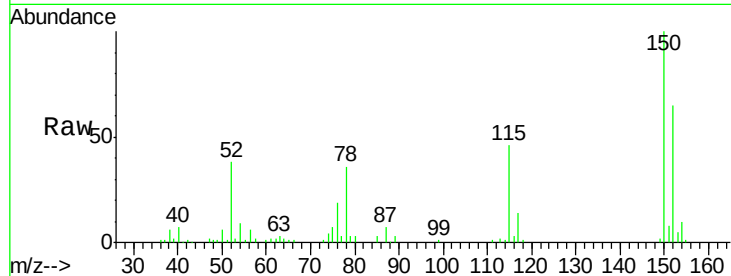


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

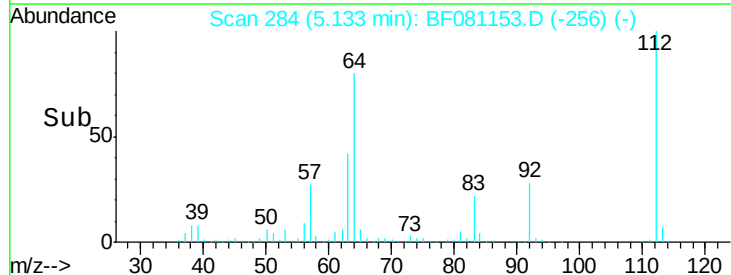
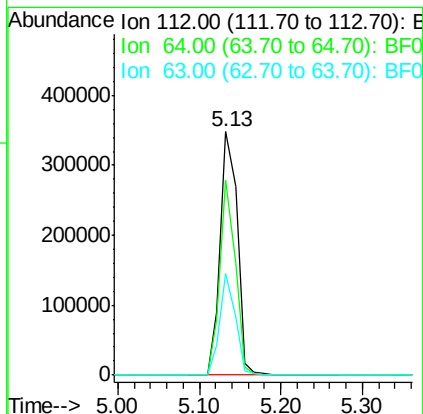
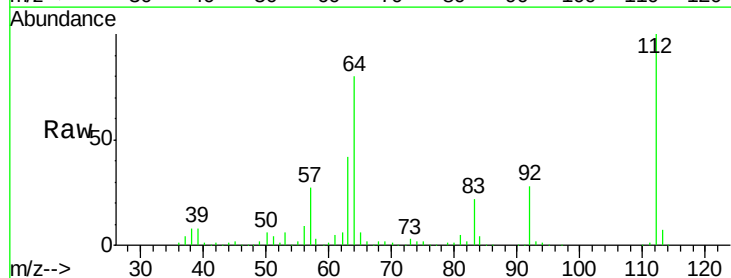
Tgt Ion:152 Resp: 62221
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.8 185.6
 115 70.5 52.1 78.1

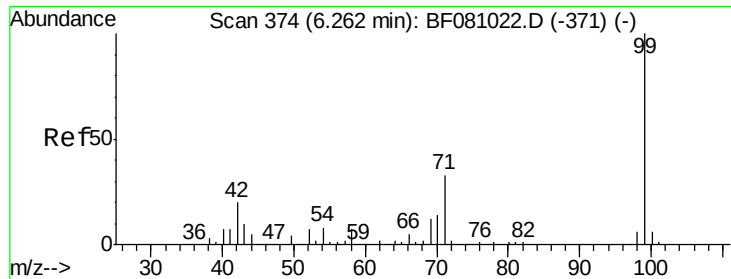


#5

2-Fluorophenol
 Concen: 121.86 ng
 RT: 5.13 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Tgt Ion:112 Resp: 504117
 Ion Ratio Lower Upper
 112 100
 64 80.2 66.9 100.3
 63 41.8 38.1 57.1





#7

Phenol-d6

Concen: 109.10 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

TEC-C1

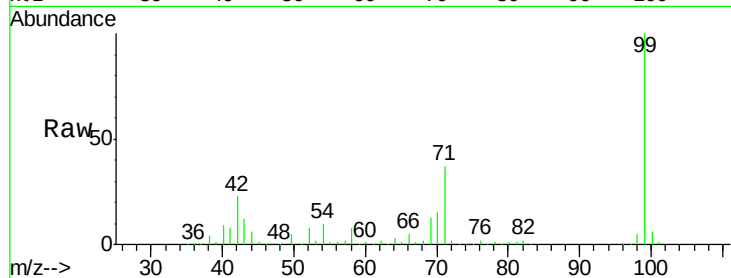
Tgt Ion: 99 Resp: 588872

Ion Ratio Lower Upper

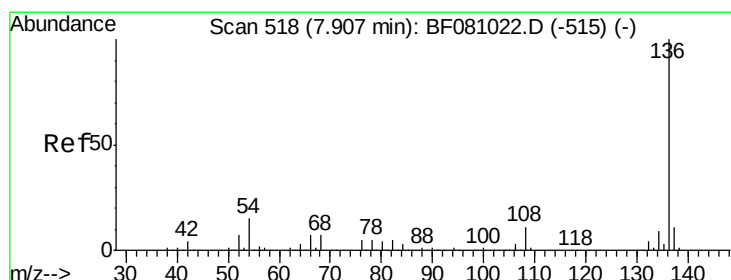
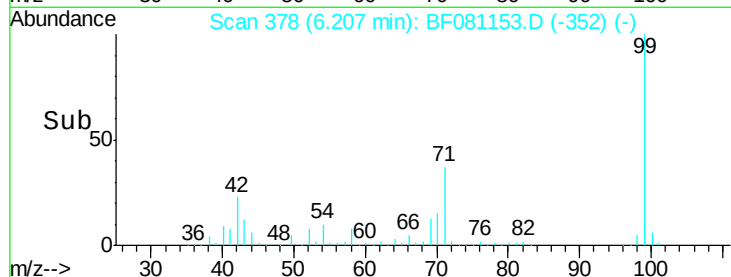
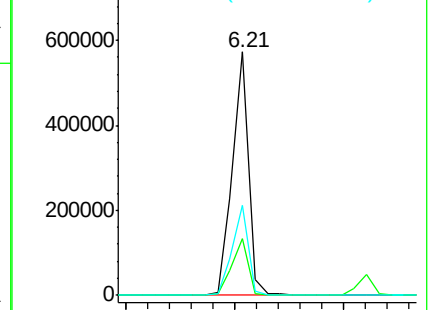
99 100

42 23.3 19.6 29.4

71 37.0 31.2 46.8



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: 7.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

Tgt Ion: 136 Resp: 260295

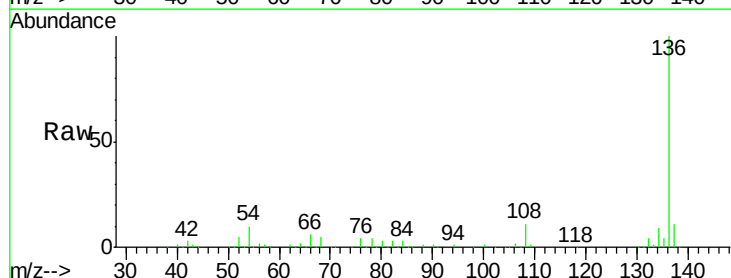
Ion Ratio Lower Upper

136 100

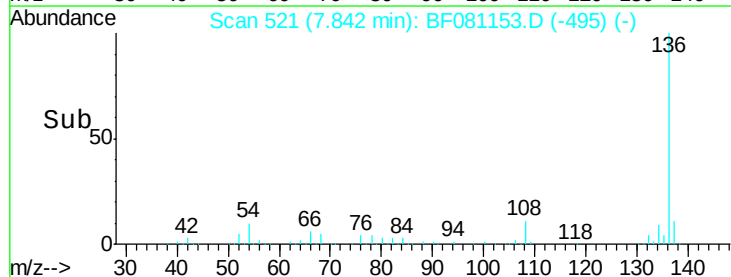
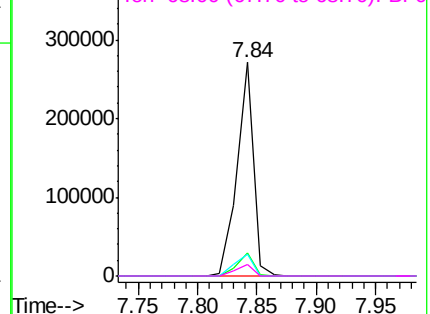
137 10.7 8.2 12.2

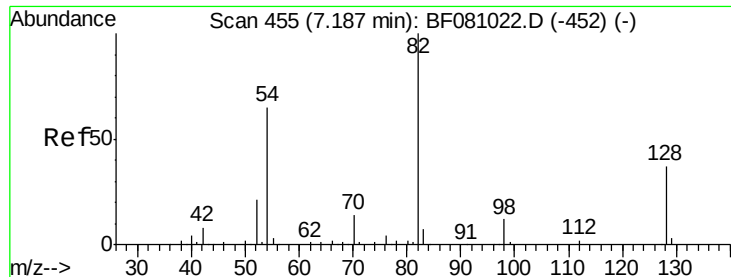
54 10.0 7.7 11.5

68 5.3 3.4 5.2#



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

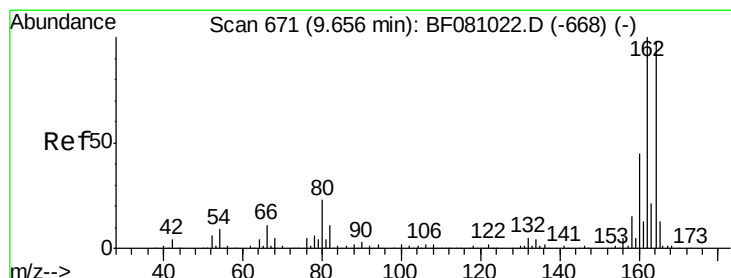
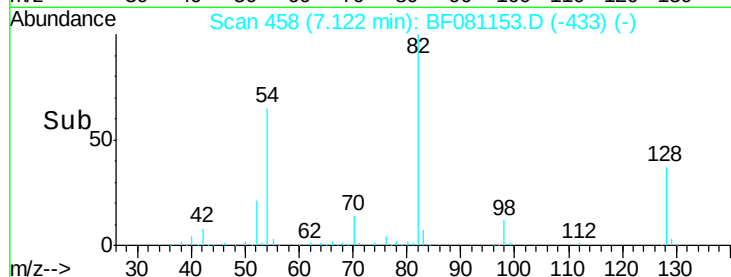
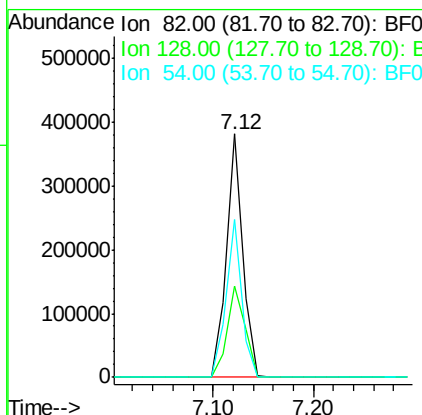
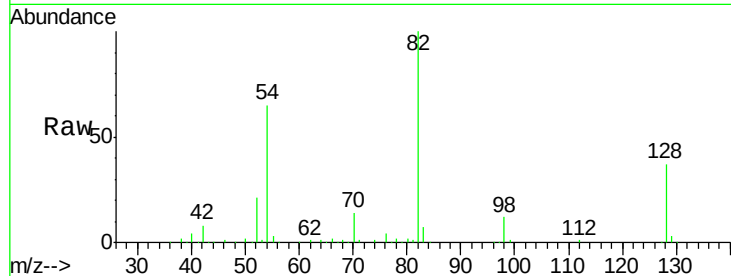




#23
 Nitrobenzene-d5
 Concen: 75.83 ng
 RT: 7.12 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

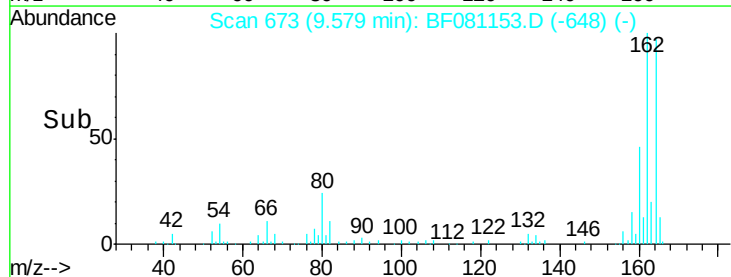
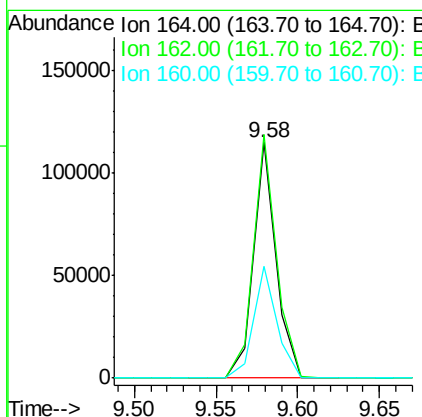
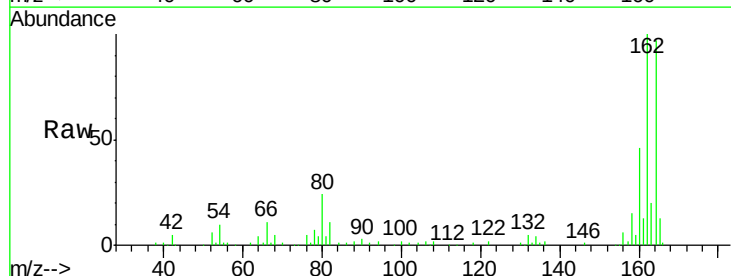
Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

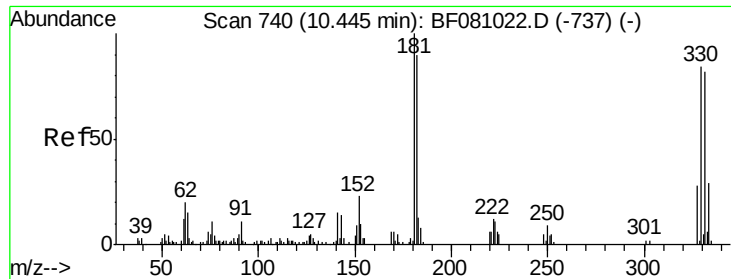
Tgt Ion: 82 Resp: 432109
 Ion Ratio Lower Upper
 82 100
 128 37.3 28.6 42.8
 54 64.6 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Tgt Ion: 164 Resp: 110312
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.8 125.8
 160 47.3 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 131.71 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

TEC-C1

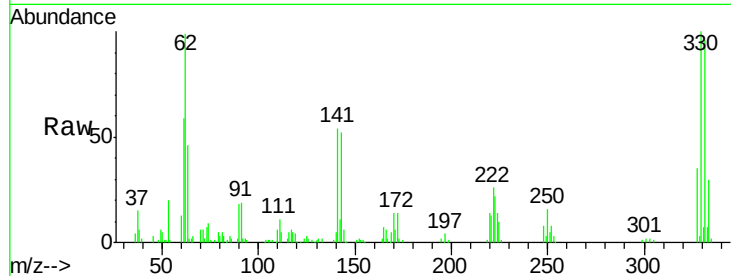
Tgt Ion:330 Resp: 125949

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

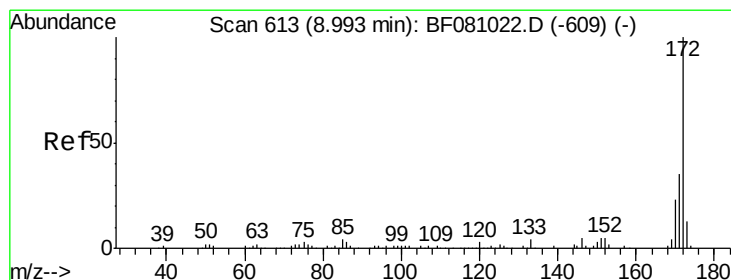
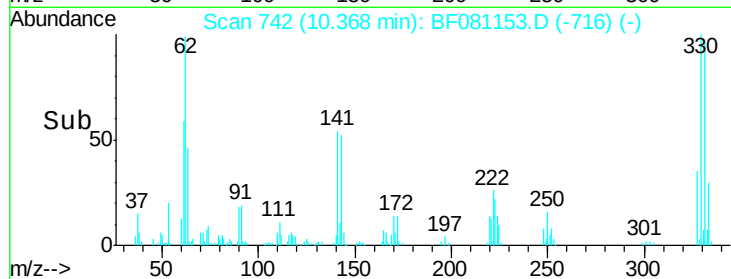
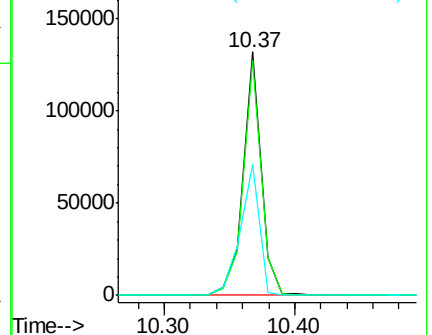
141 56.9 44.9 67.3



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: 90.24 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

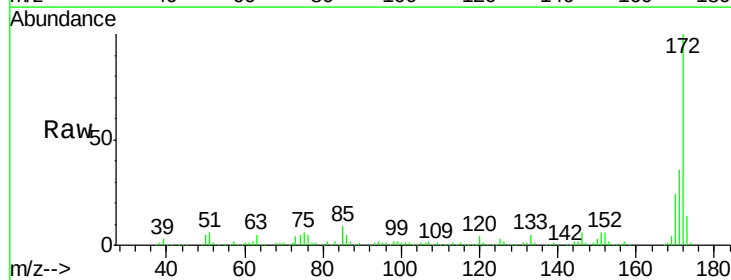
Tgt Ion:172 Resp: 759759

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

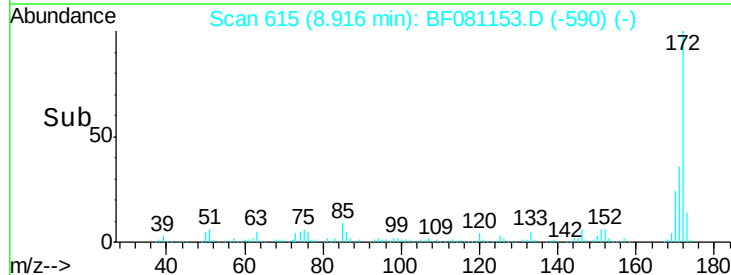
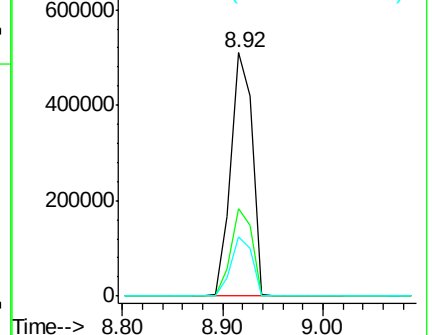
170 24.1 19.4 29.2

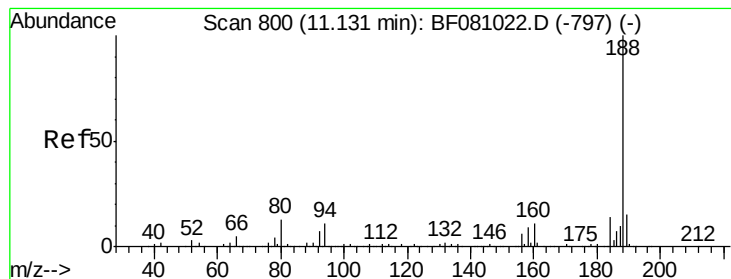


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

TEC-C1

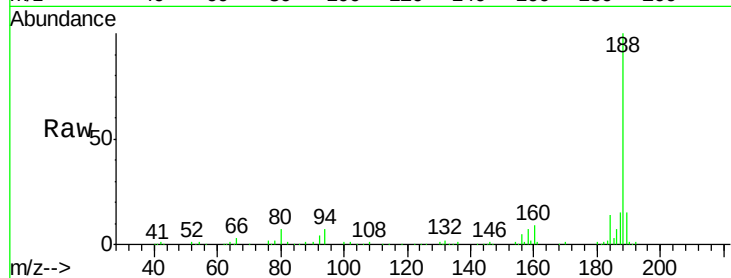
Tgt Ion:188 Resp: 235896

Ion Ratio Lower Upper

188 100

94 6.8 8.2 12.2#

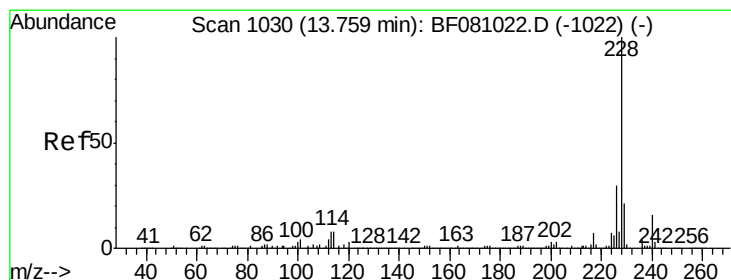
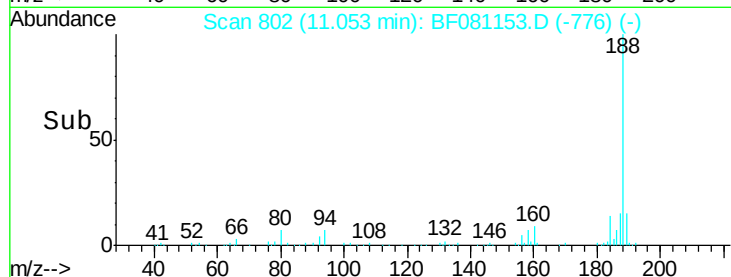
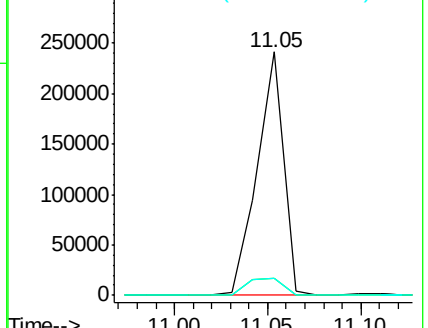
80 7.0 9.5 14.3#



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: 13.66 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

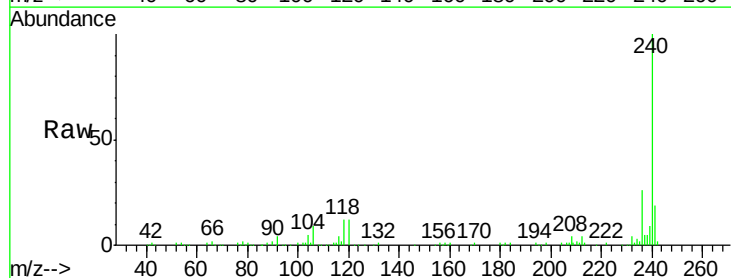
Tgt Ion:240 Resp: 159094

Ion Ratio Lower Upper

240 100

120 12.4 5.6 8.4#

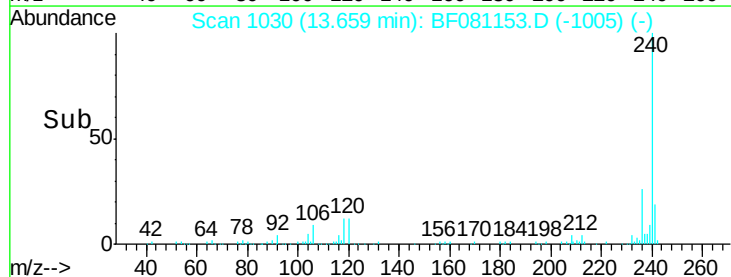
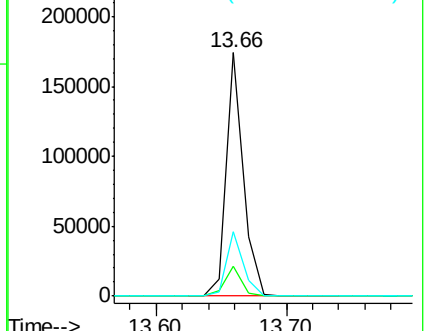
236 26.2 20.6 30.8

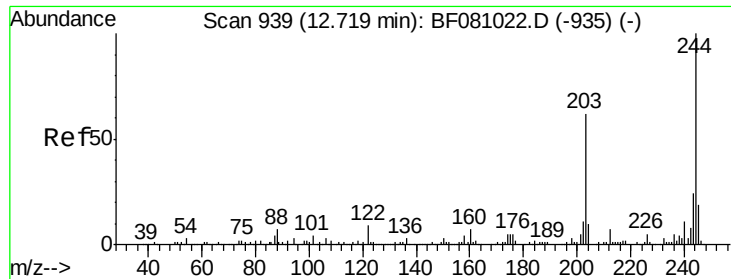


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

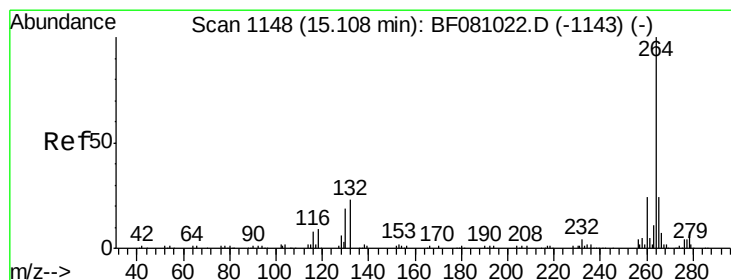
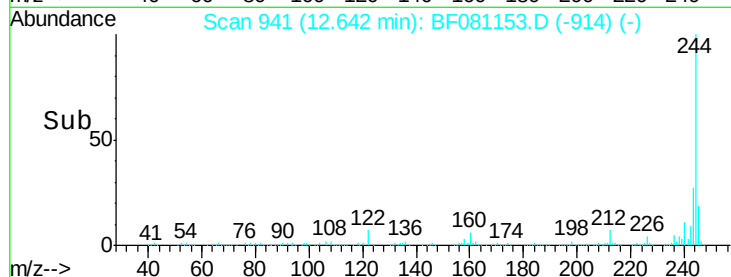
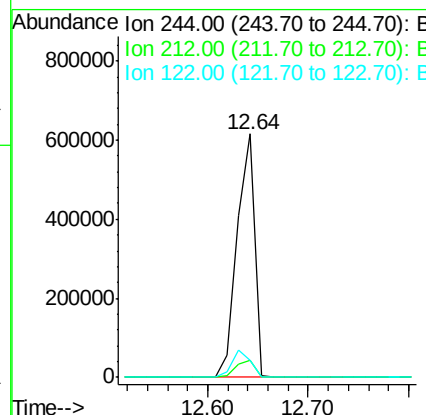
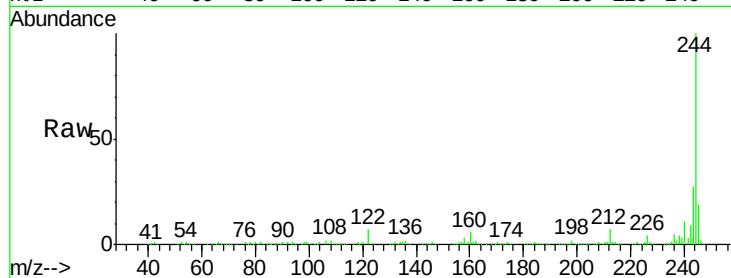




#78
 Terphenyl-d14
 Concen: 100.76 ng
 RT: 12.64 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

Tgt Ion:244 Resp: 747718
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 7.1 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Tgt Ion:264 Resp: 128008
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.6 17.5 26.3

