

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077143.D
 Acq On : 30 Jan 2015 5:28
 Operator : TP/IZ
 Sample : G1176-04
 Misc : W/DOD
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 07:36:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 05:04:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29096	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	120159	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	65115	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	110855	20.00	ng	0.00
75) Chrysene-d12	21.08	240	115837	20.00	ng	0.00
86) Perylene-d12	22.71	264	107247	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	62933	35.56	ng	0.00
7) Phenol-d6	7.10	99	44894	20.11	ng	0.00
23) Nitrobenzene-d5	8.98	82	155302	71.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.45	330	56442	106.79	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	319102	74.58	ng	0.00
78) Terphenyl-d14	19.81	244	342785	68.13	ng	0.00

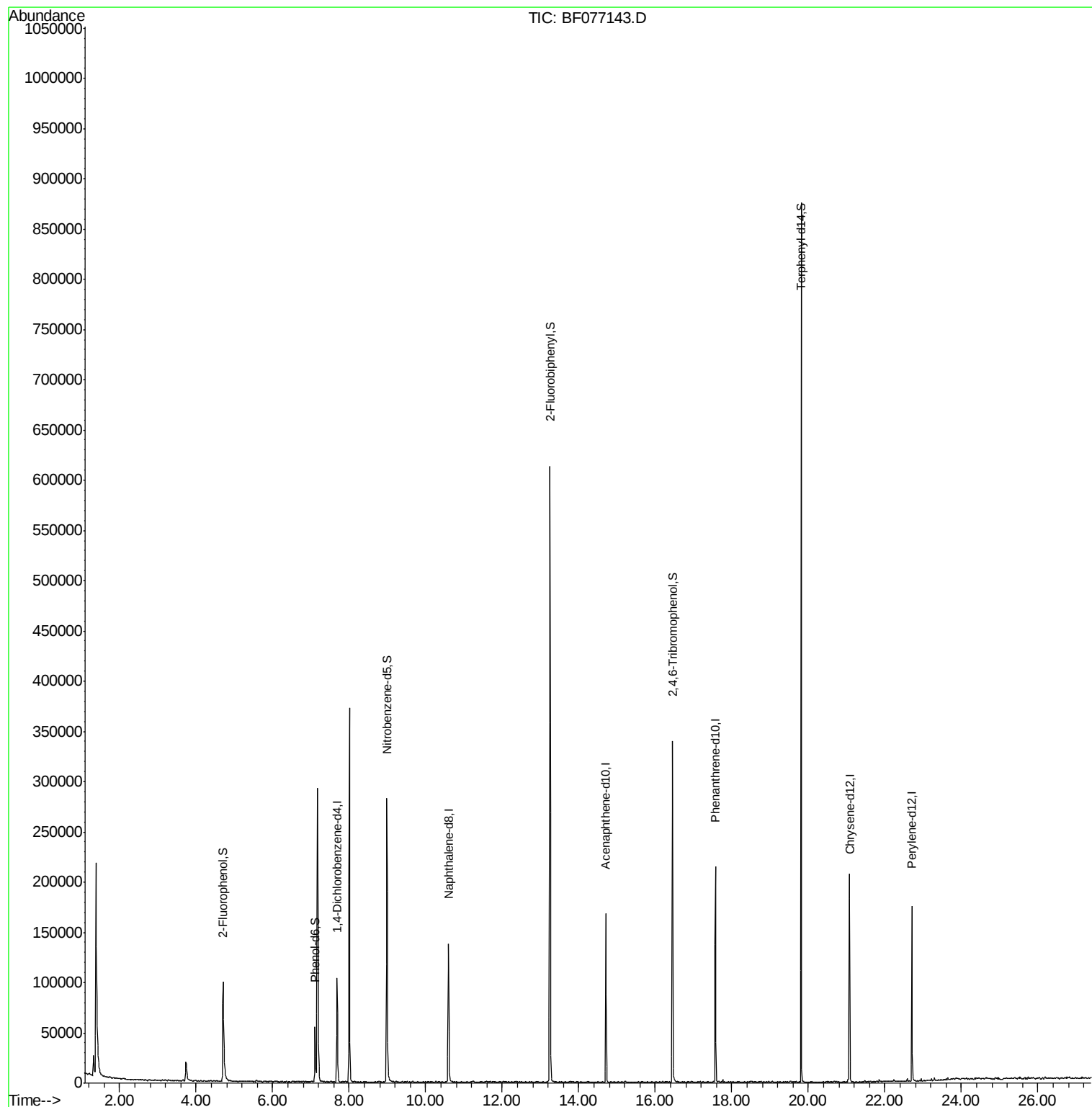
Target Compounds Qvalue

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

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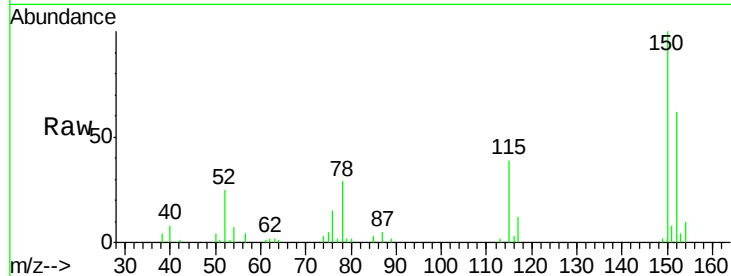


#1

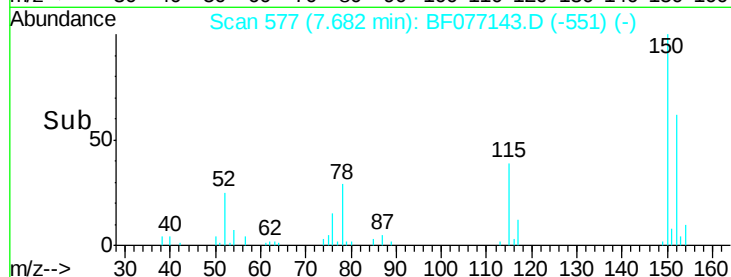
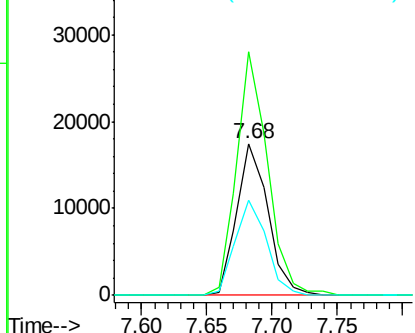
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077143.D
Acq: 30 Jan 2015 5:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 29096
Ion Ratio Lower Upper
152 100
150 160.6 121.7 182.5
115 63.2 47.0 70.6



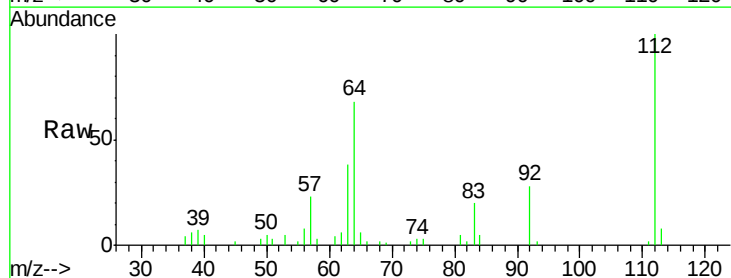
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



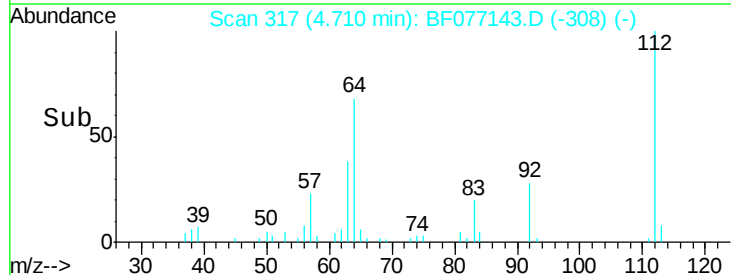
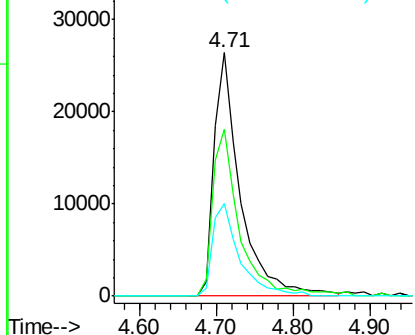
#5

2-Fluorophenol
Concen: 35.56 ng
RT: 4.71 min Scan# 317
Delta R.T. 0.00 min
Lab File: BF077143.D
Acq: 30 Jan 2015 5:28

Tgt Ion:112 Resp: 62933
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 38.0 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.11 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

Instrument :

BNA_F

ClientSampled :

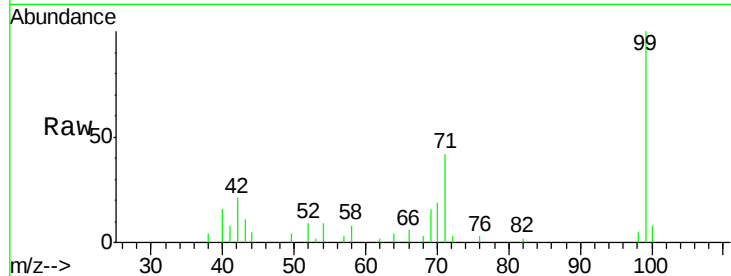
Tot Ion: 99 Resp: 44894

Ion Ratio Lower Upper

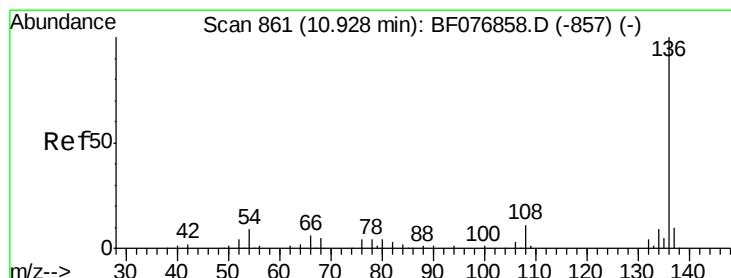
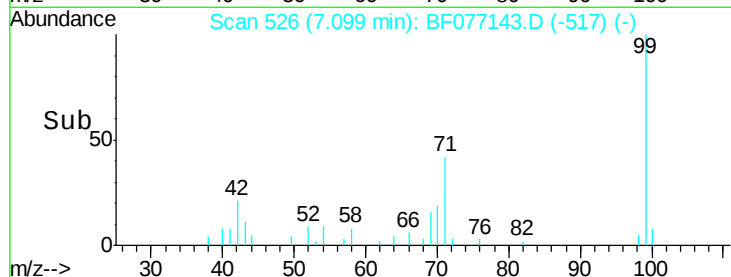
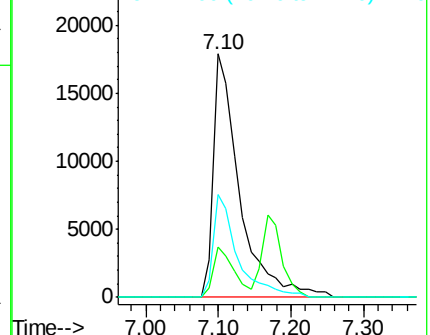
99 100

42 20.8 15.0 22.4

71 42.0 30.5 45.7



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: 10.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

Tgt Ion: 136 Resp: 120159

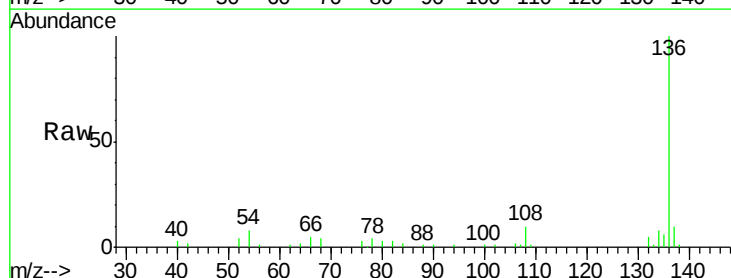
Ion Ratio Lower Upper

136 100

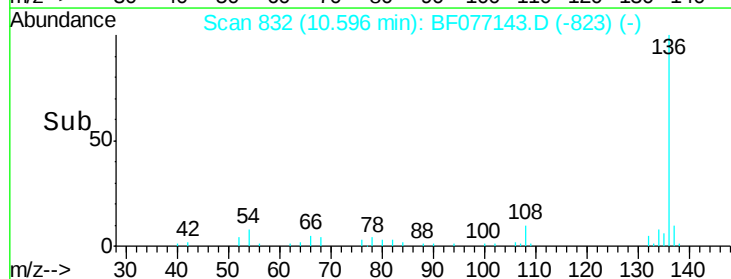
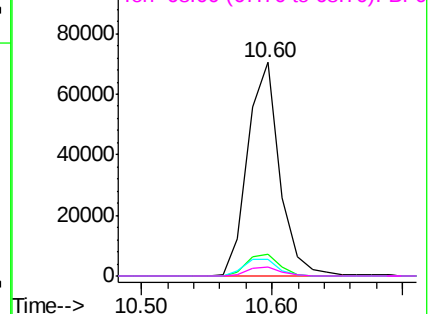
137 10.4 8.1 12.1

54 7.6 7.0 10.4

68 4.3 3.7 5.5



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

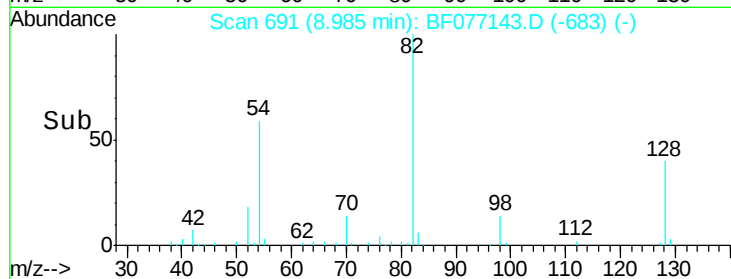
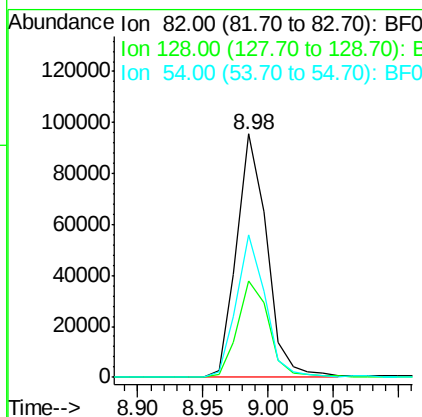
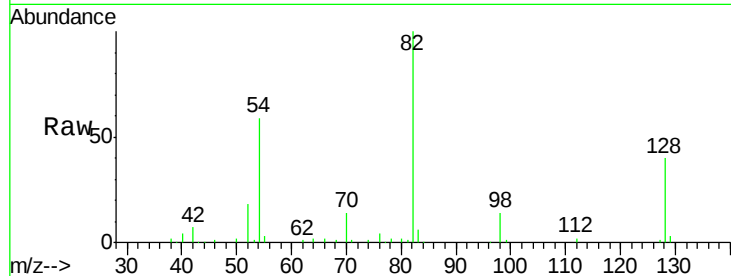




#23
 Nitrobenzene-d5
 Concen: 71.60 ng
 RT: 8.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF077143.D
 Acq: 30 Jan 2015 5:28

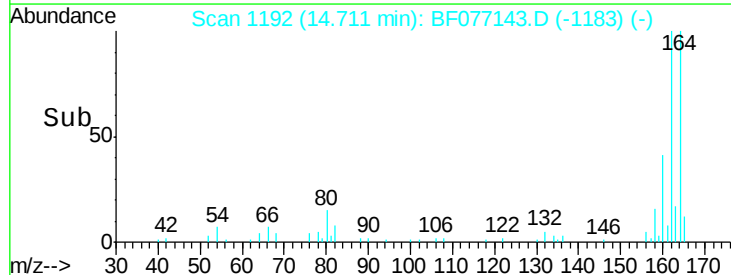
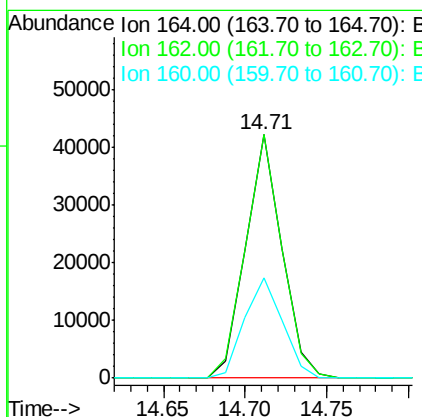
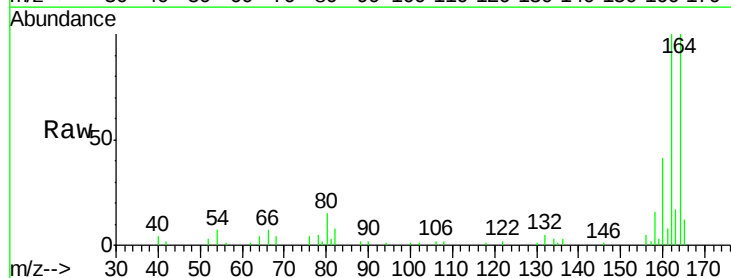
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 155302
 Ion Ratio Lower Upper
 82 100
 128 39.6 33.1 49.7
 54 58.5 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF077143.D
 Acq: 30 Jan 2015 5:28

Tgt Ion:164 Resp: 65115
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.4 123.6
 160 41.0 34.8 52.2

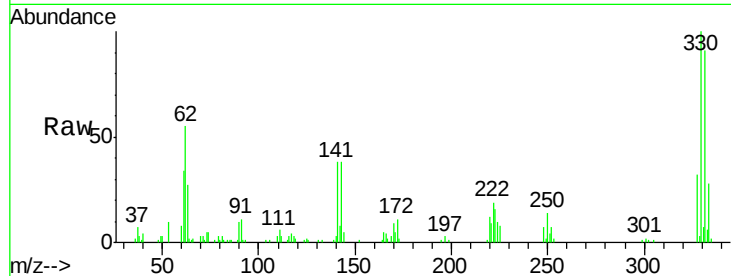




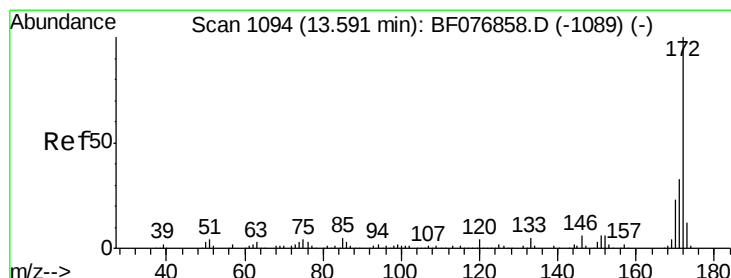
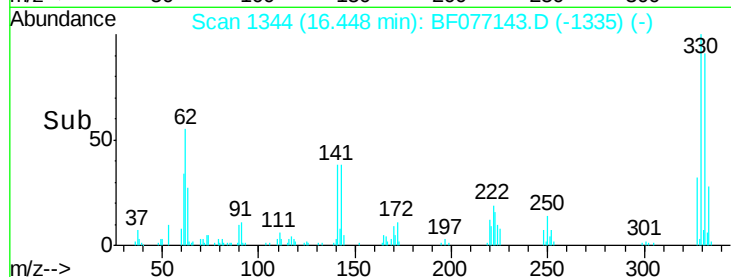
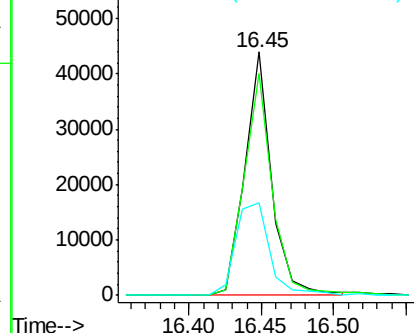
#41
 2,4,6-Tribromophenol
 Concen: 106.79 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077143.D
 Acq: 30 Jan 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 56442
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.8 116.6
 141 48.1 38.5 57.7

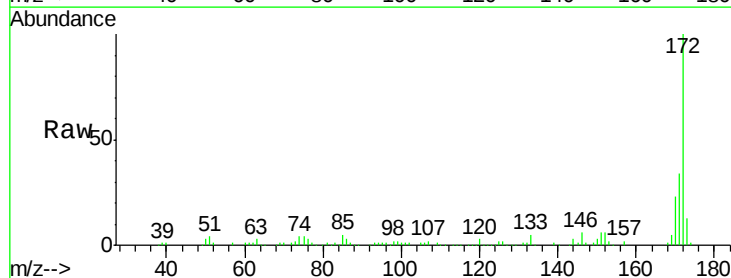


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

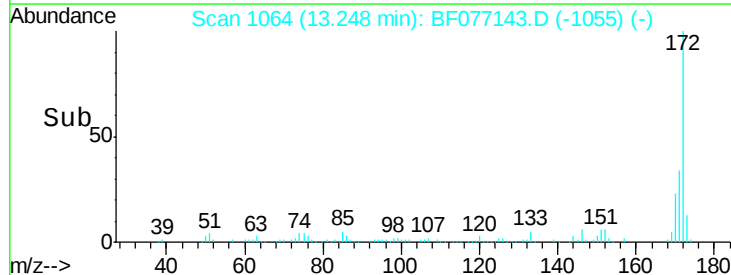
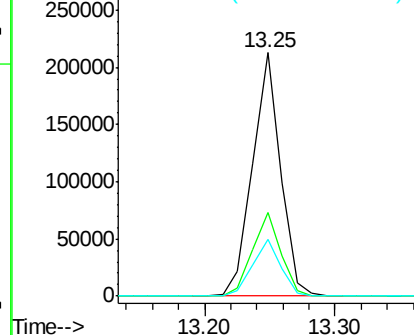


#44
 2-Fluorobiphenyl
 Concen: 74.58 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077143.D
 Acq: 30 Jan 2015 5:28

Tgt Ion:172 Resp: 319102
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.6 40.0
 170 23.1 18.0 27.0



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: 17.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

Instrument :

BNA_F

ClientSampleId :

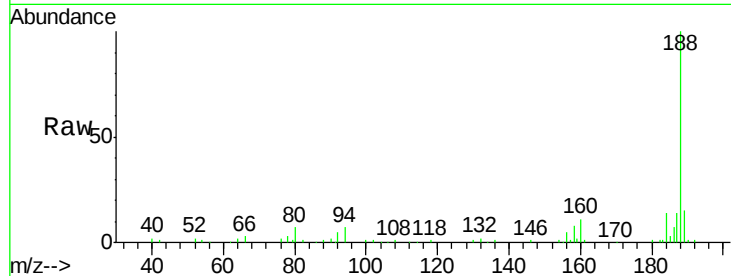
Tot Ion:188 Resp: 110855

Ion Ratio Lower Upper

188 100

94 7.3 6.0 9.0

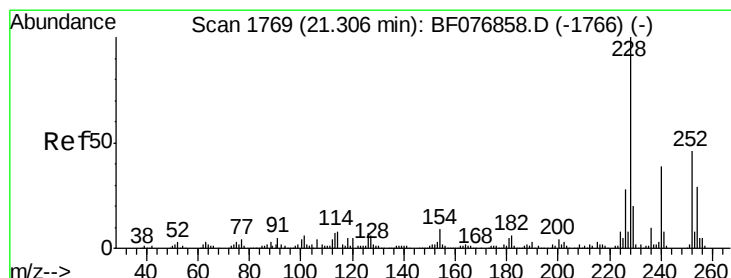
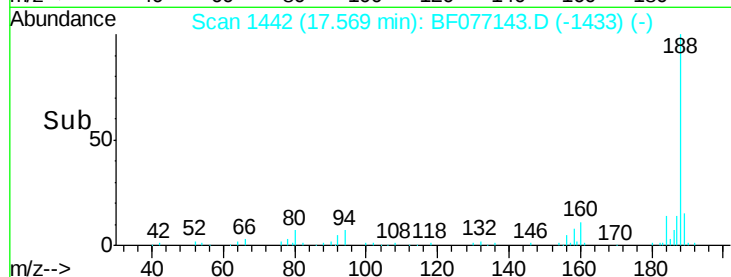
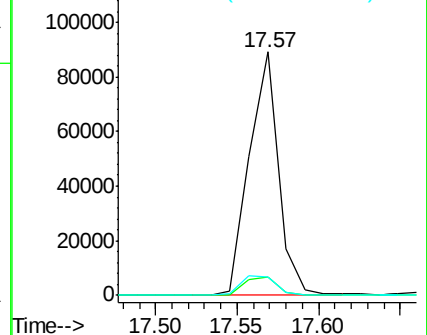
80 7.4 6.9 10.3



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: 21.08 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

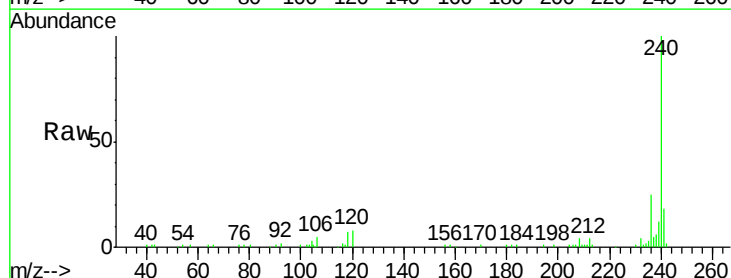
Tgt Ion:240 Resp: 115837

Ion Ratio Lower Upper

240 100

120 7.6 10.4 15.6#

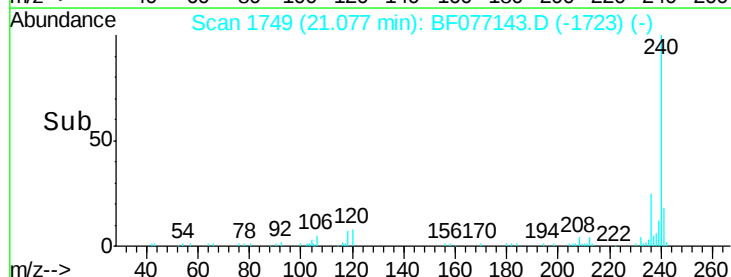
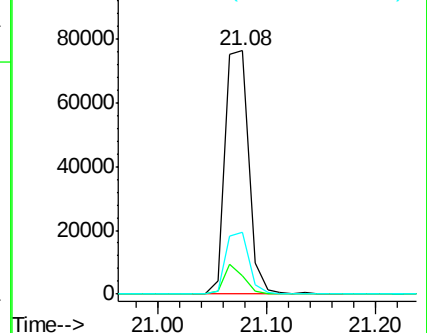
236 25.2 20.2 30.2

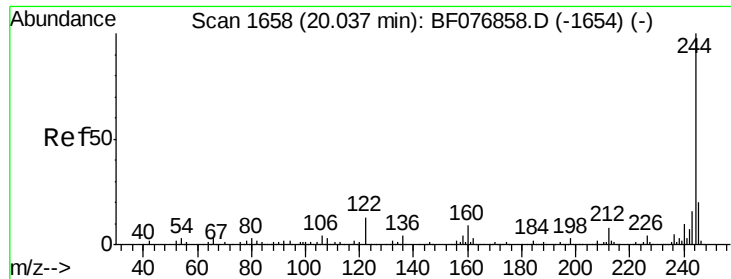


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.13 ng

RT: 19.81 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

Instrument :

BNA_F

ClientSampleId :

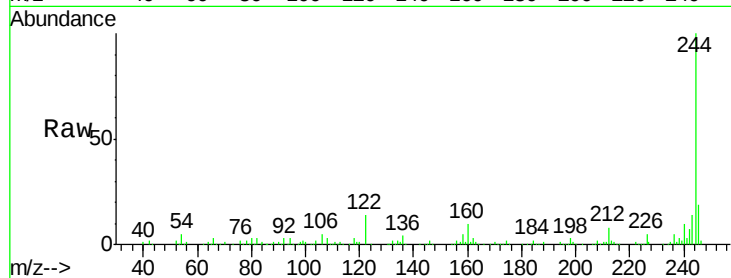
Tot Ion:244 Resp: 342785

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

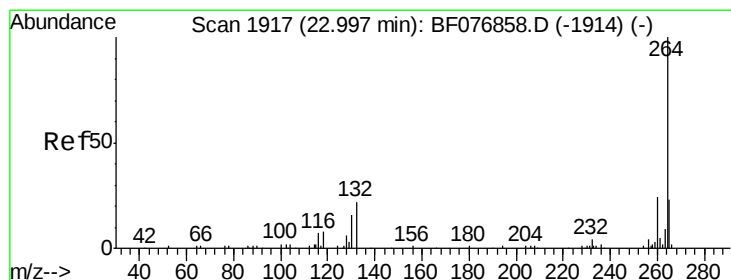
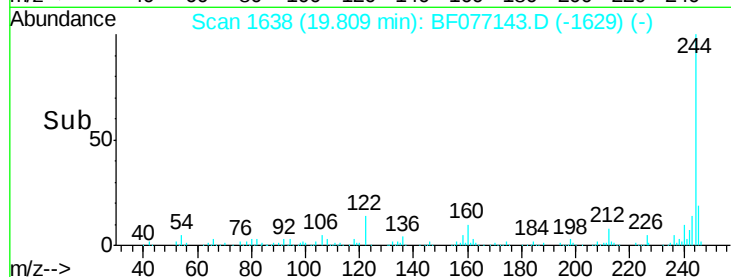
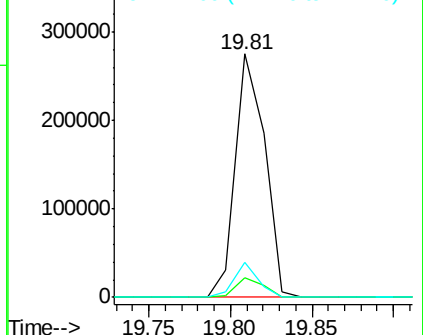
122 14.5 10.1 15.1



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: 22.71 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

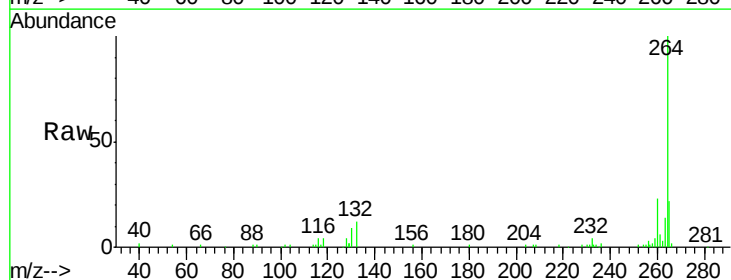
Tgt Ion:264 Resp: 107247

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.6 18.1 27.1



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

