

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076863.D
 Acq On : 14 Jan 2015 17:09
 Operator : IZ / TP
 Sample : PB81310BL
 Misc : W DOD
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BL

Quant Time: Jan 15 00:02:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28859	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	116542	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	62534	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	102988	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	103397	20.00	ng	0.00
86) Perylene-d12	22.94	264	94920	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	231125	131.68	ng	0.01
7) Phenol-d6	7.42	99	290667	131.27	ng	0.00
23) Nitrobenzene-d5	9.32	82	178095	84.66	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	63395	124.89	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	358446	87.23	ng	-0.01
78) Terphenyl-d14	20.04	244	370518	82.50	ng	0.00

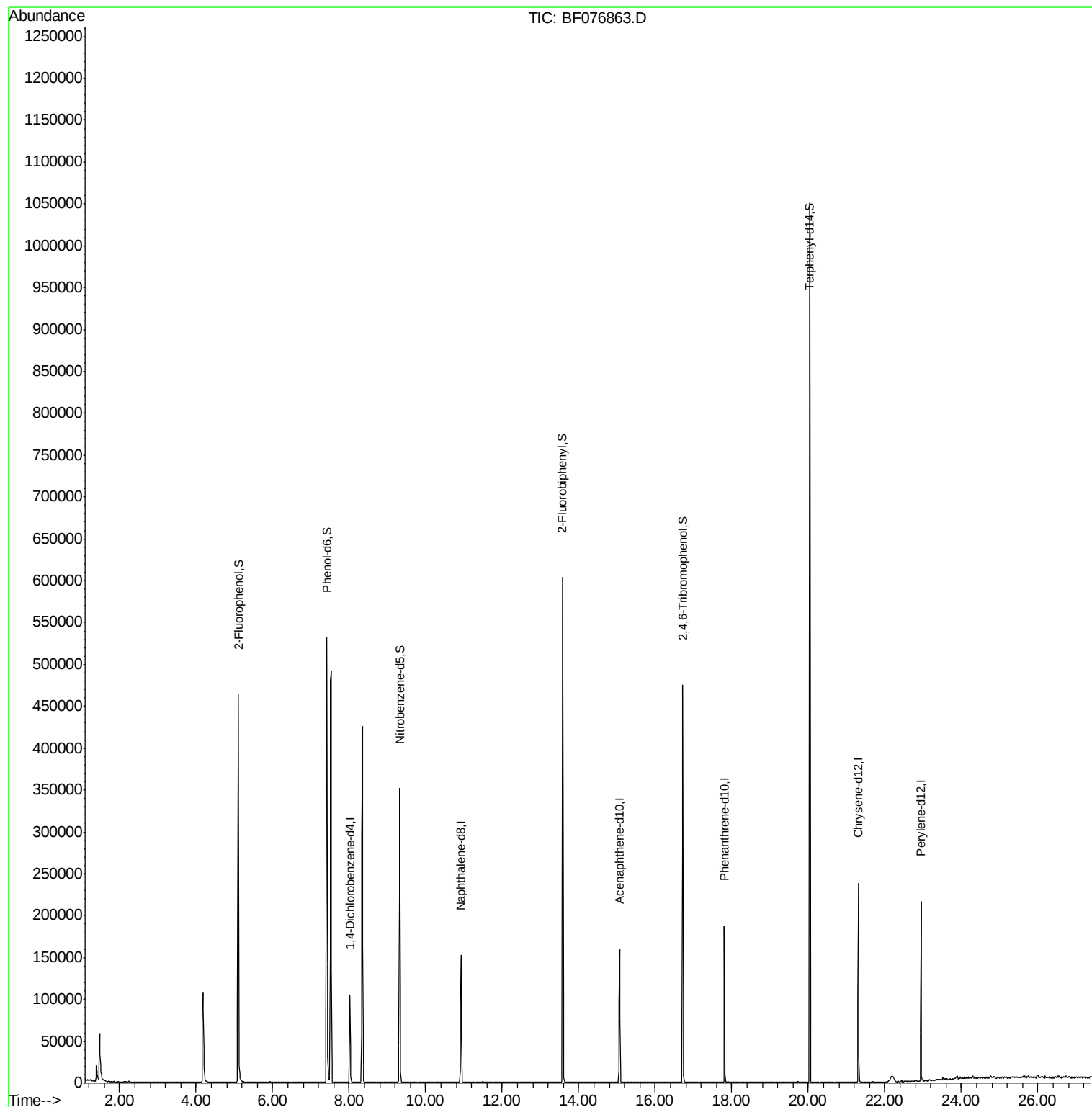
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB81310BL

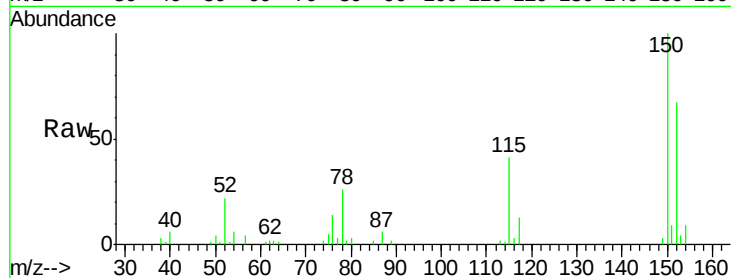
Tot Ion:152 Resp: 28859

Ion Ratio Lower Upper

152 100

150 149.4 121.7 182.5

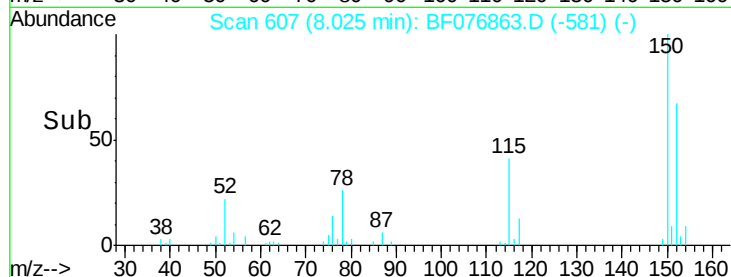
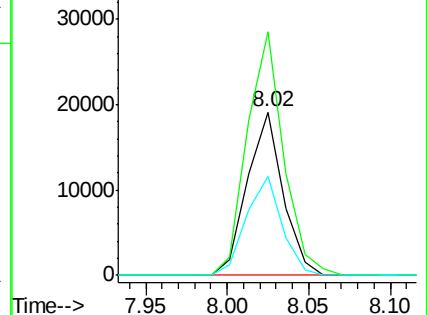
115 60.8 47.0 70.6



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: 131.68 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

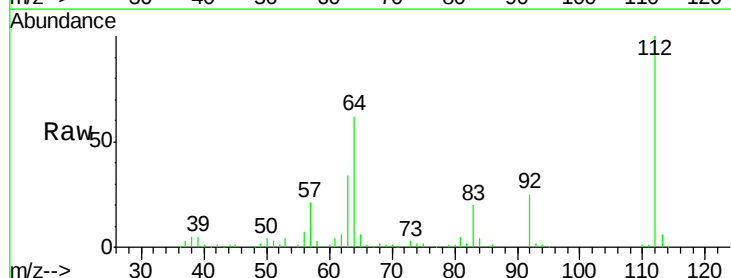
Tgt Ion:112 Resp: 231125

Ion Ratio Lower Upper

112 100

64 62.3 54.2 81.4

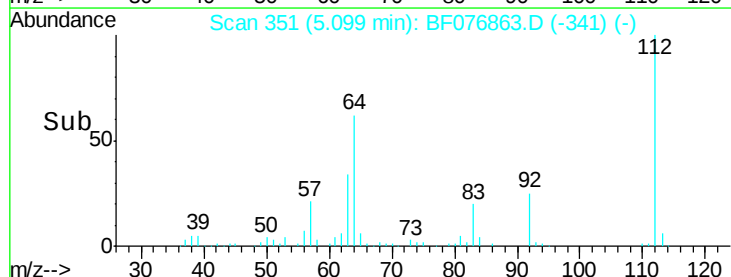
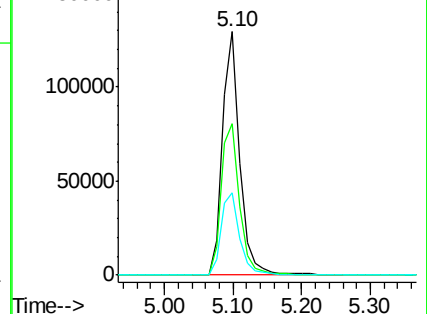
63 33.9 28.4 42.6

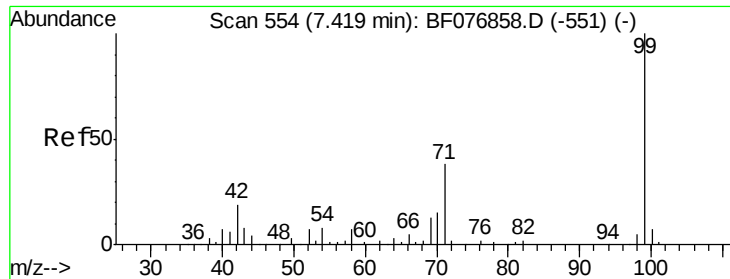


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.27 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB81310BL

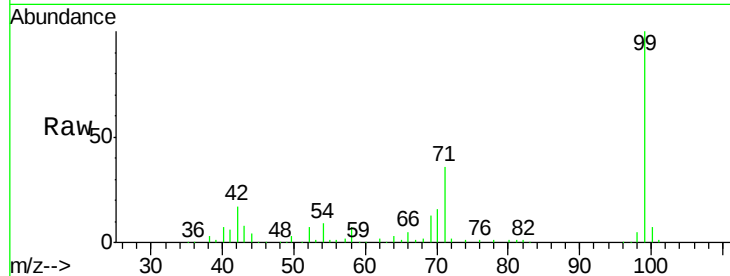
Tot Ion: 99 Resp: 290667

Ion Ratio Lower Upper

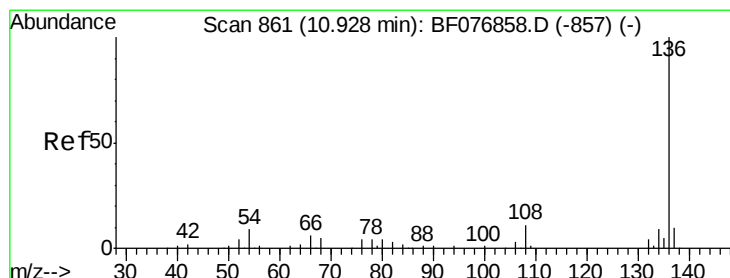
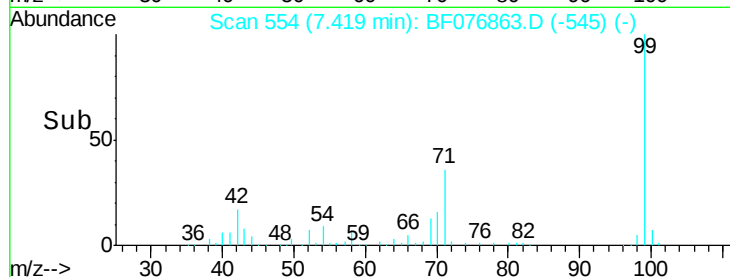
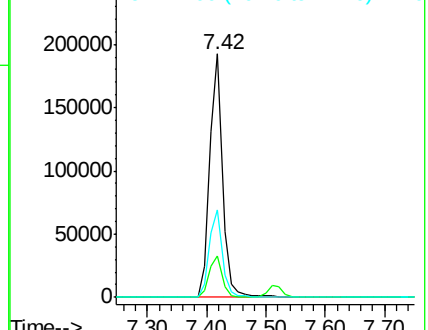
99 100

42 16.7 15.0 22.4

71 36.0 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: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

Tgt Ion: 136 Resp: 116542

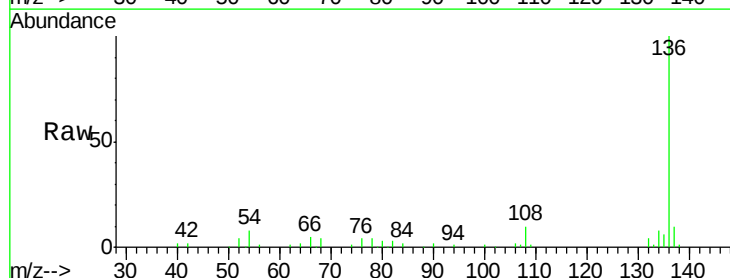
Ion Ratio Lower Upper

136 100

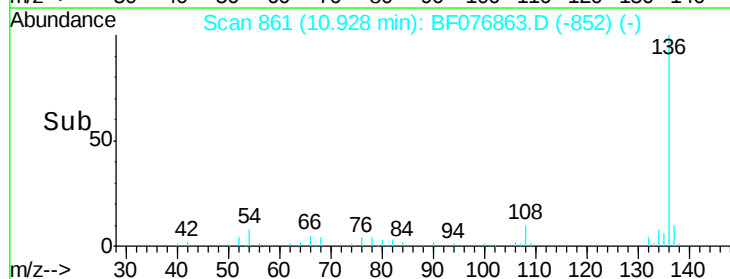
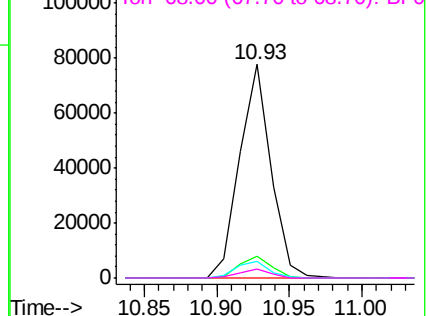
137 10.4 8.1 12.1

54 7.9 7.0 10.4

68 4.4 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

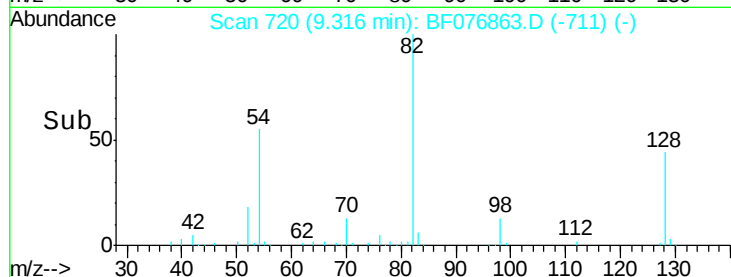
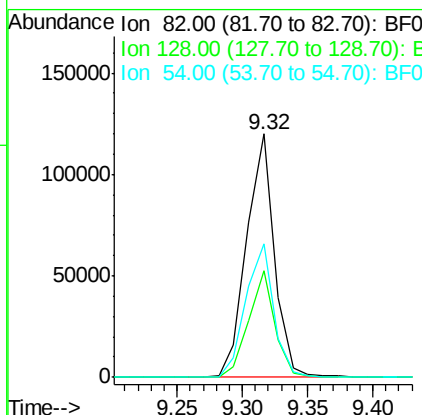
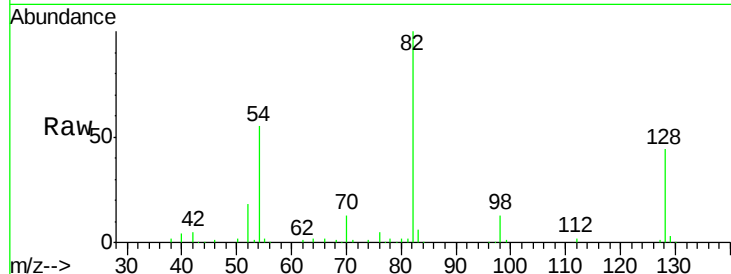




#23
 Nitrobenzene-d5
 Concen: 84.66 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076863.D
 Acq: 14 Jan 2015 17:09

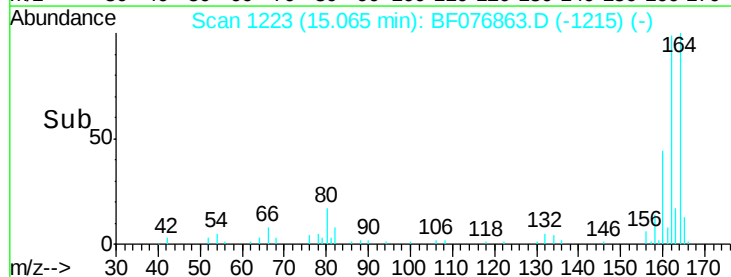
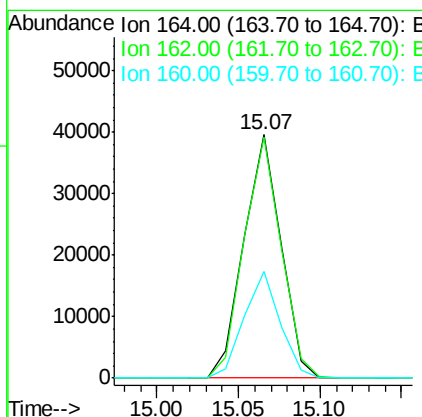
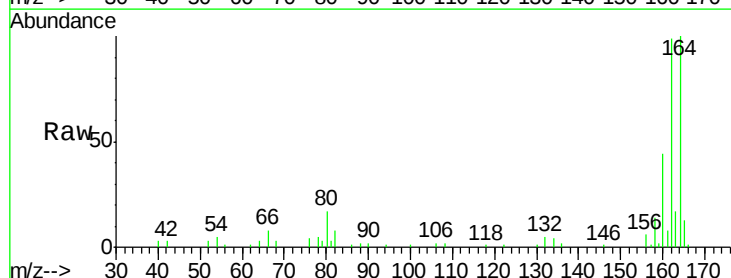
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BL

Tot Ion	82	Resp	178095
Ion Ratio	100	Lower	Upper
128	43.9	33.1	49.7
54	54.8	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF076863.D
 Acq: 14 Jan 2015 17:09

Tgt Ion	164	Resp	62534
Ion Ratio	100	Lower	Upper
162	98.8	82.4	123.6
160	43.6	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 124.89 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB81310BL

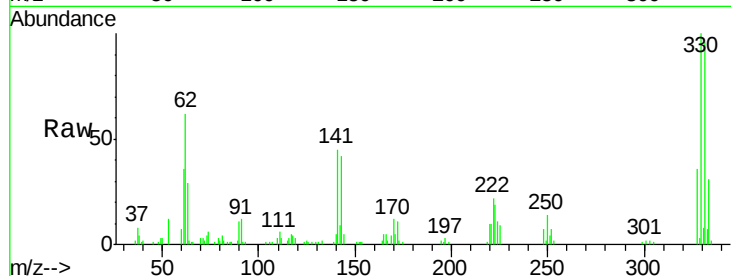
Tot Ion:330 Resp: 63395

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.6

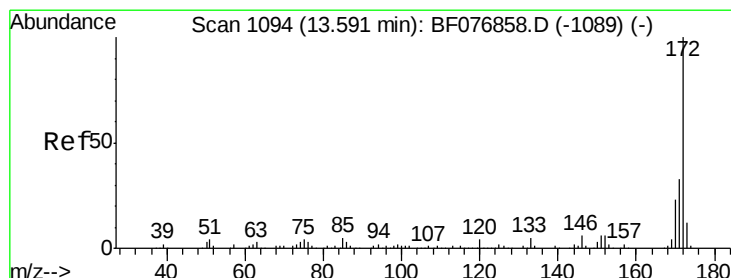
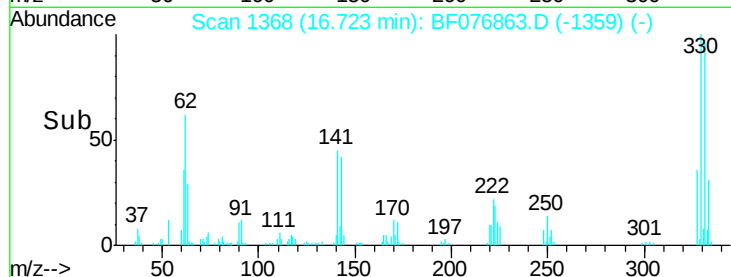
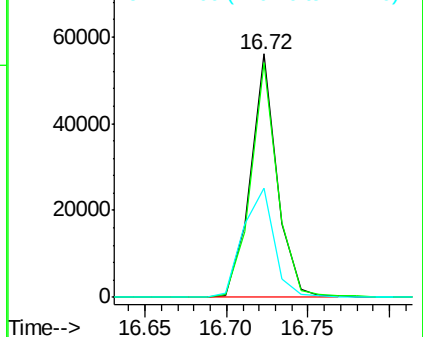
141 52.4 38.5 57.7



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: 87.23 ng

RT: 13.58 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

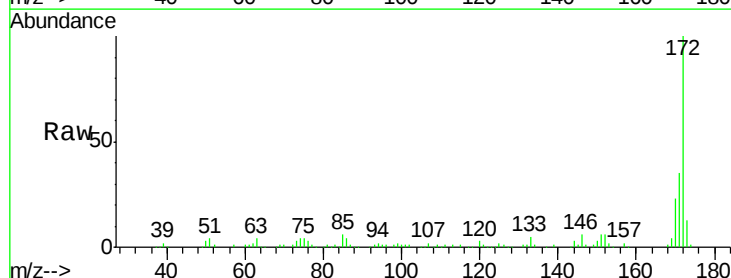
Tgt Ion:172 Resp: 358446

Ion Ratio Lower Upper

172 100

171 35.3 26.6 40.0

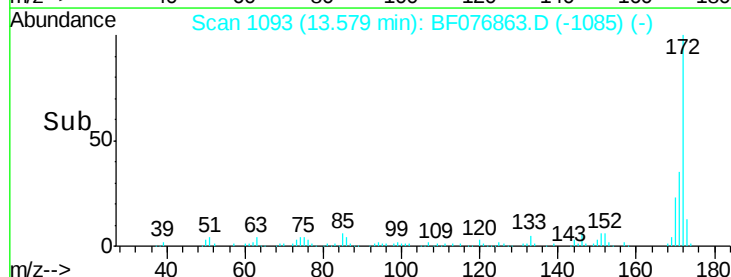
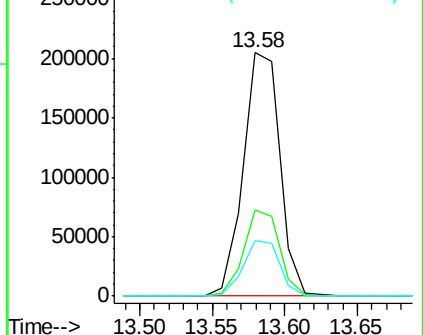
170 22.7 18.0 27.0



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

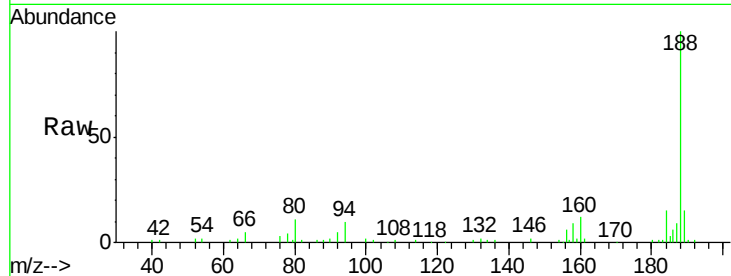




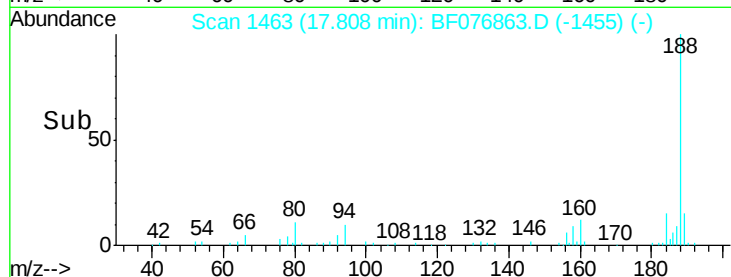
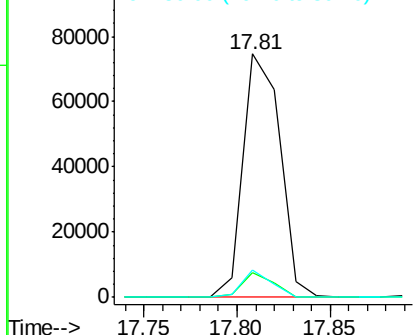
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF076863.D
Acq: 14 Jan 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB81310BL

Tot Ion:188 Resp: 102988
Ion Ratio Lower Upper
188 100
94 10.1 6.0 9.0#
80 11.1 6.9 10.3#

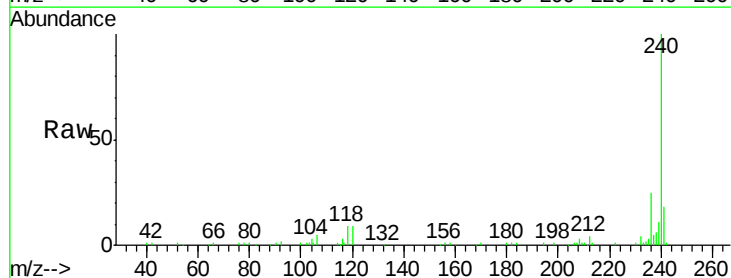


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

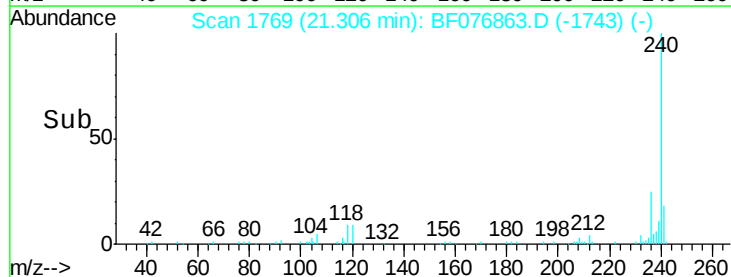
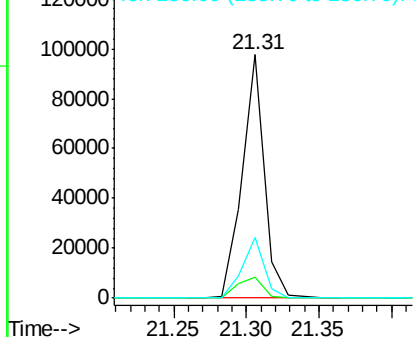


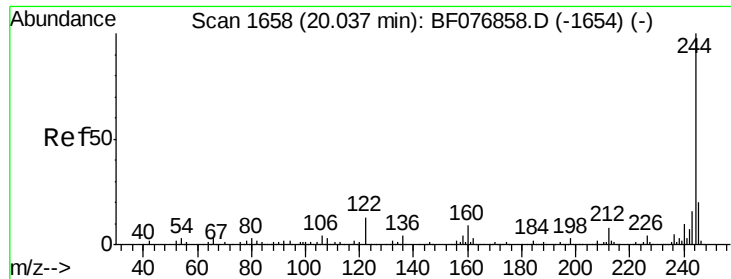
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076863.D
Acq: 14 Jan 2015 17:09

Tgt Ion:240 Resp: 103397
Ion Ratio Lower Upper
240 100
120 8.7 10.4 15.6#
236 25.1 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

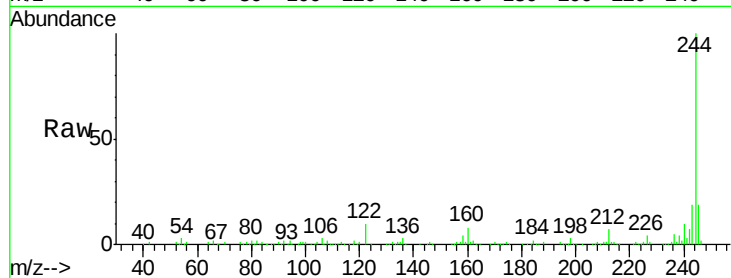




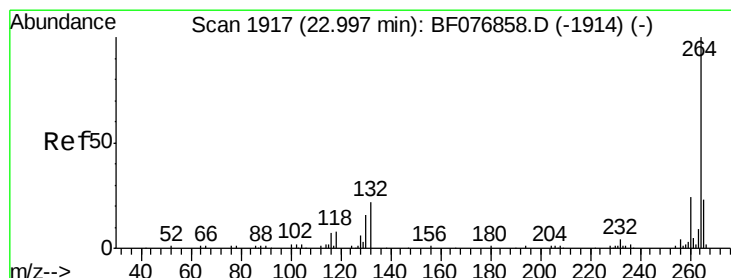
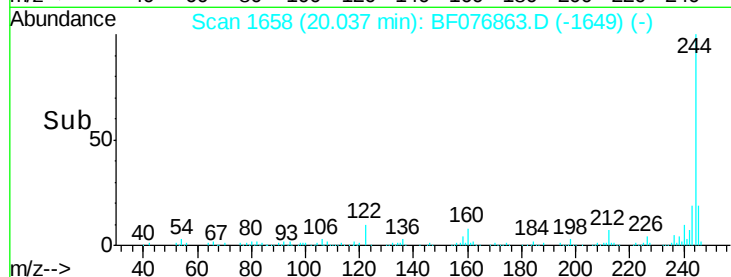
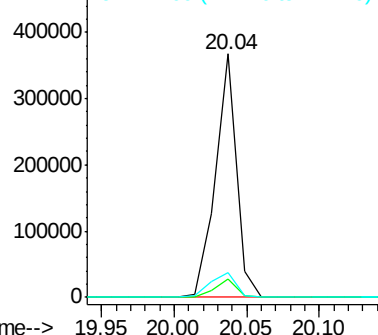
#78
 Terphenyl-d14
 Concen: 82.50 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF076863.D
 Acq: 14 Jan 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BL

Tot Ion:244 Resp: 370518
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 10.2 10.1 15.1

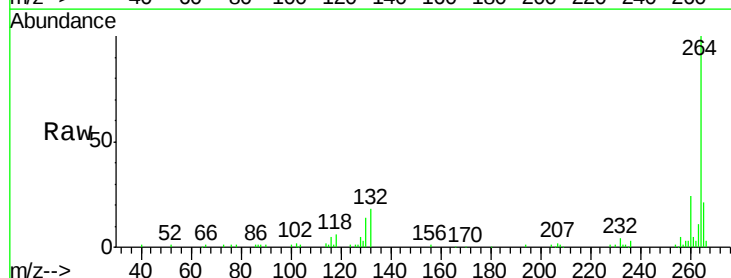


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.94 min Scan# 1912
 Delta R.T. -0.06 min
 Lab File: BF076863.D
 Acq: 14 Jan 2015 17:09

Tgt Ion:264 Resp: 94920
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.2 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

