

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076972.D
 Acq On : 20 Jan 2015 20:46
 Operator : IZ / TP
 Sample : G1110-09
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2015-1-15

Quant Time: Jan 21 01:15:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 01:04:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	27014	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	114793	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	61689	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	104611	20.00	ng	0.00
75) Chrysene-d12	21.24	240	105799	20.00	ng	0.00
86) Perylene-d12	22.88	264	92058	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	96673	58.84	ng	0.00
7) Phenol-d6	7.30	99	71855	34.67	ng	-0.01
23) Nitrobenzene-d5	9.20	82	175202	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	66181	132.16	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	359317	88.64	ng	0.00
78) Terphenyl-d14	19.97	244	415178	90.34	ng	0.00

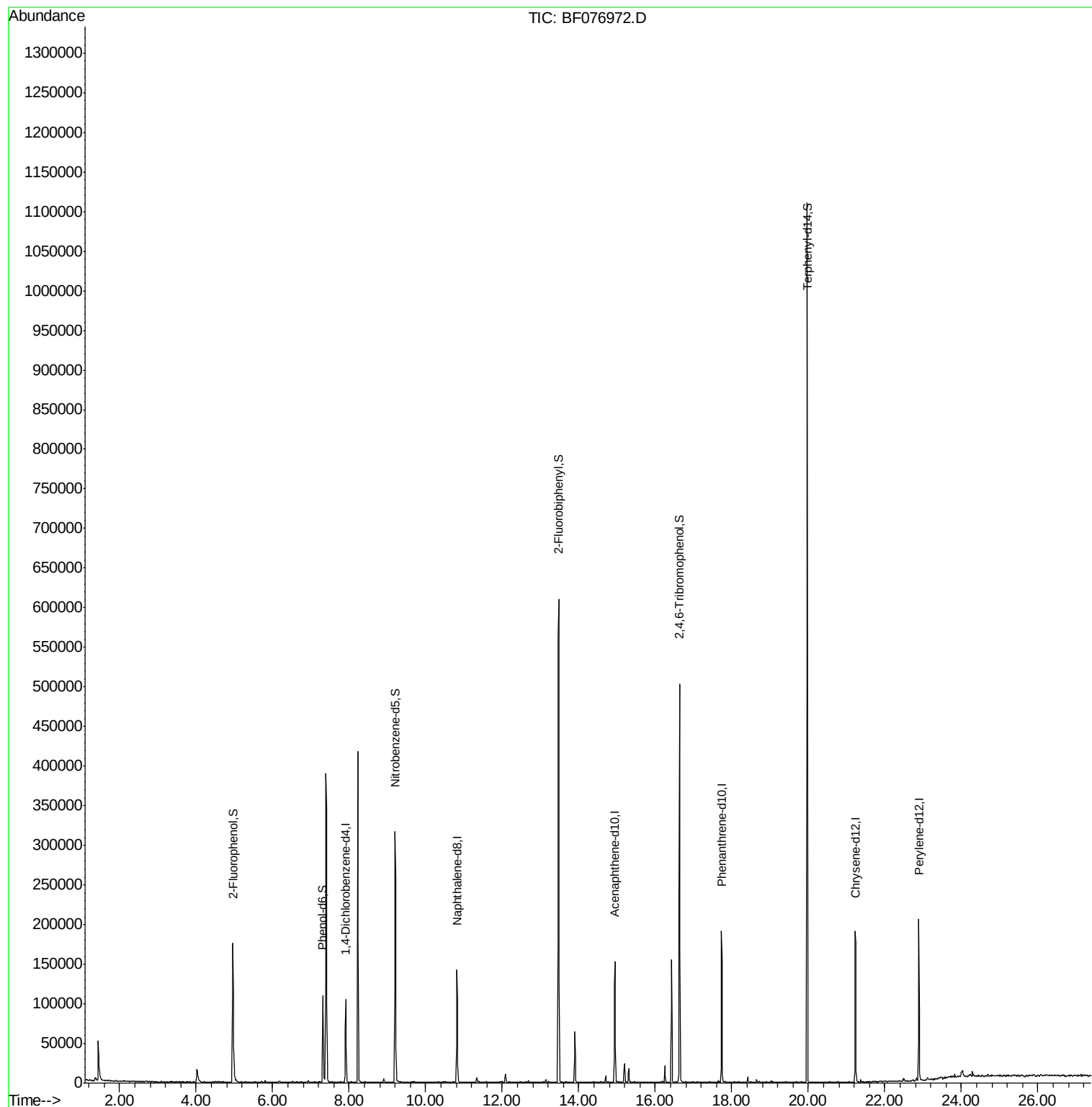
Target Compounds Qvalue

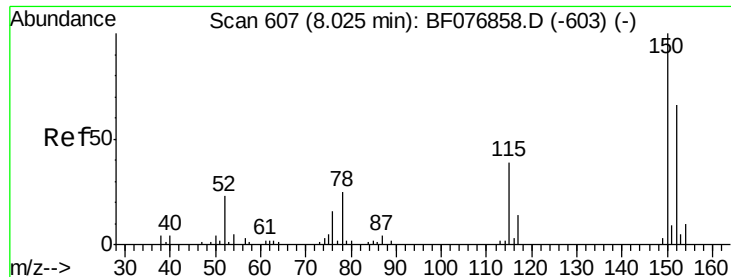
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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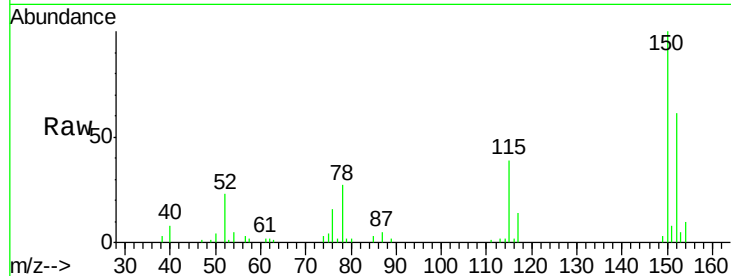


#1

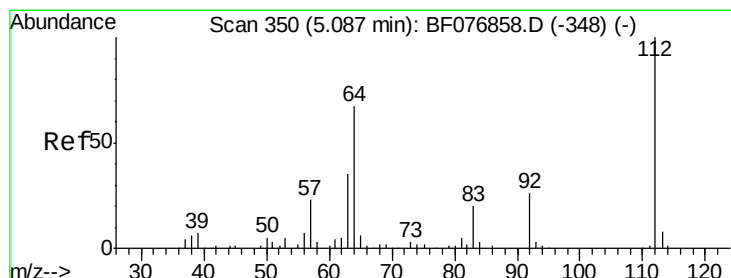
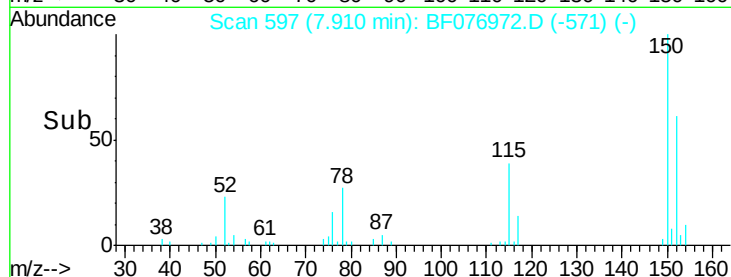
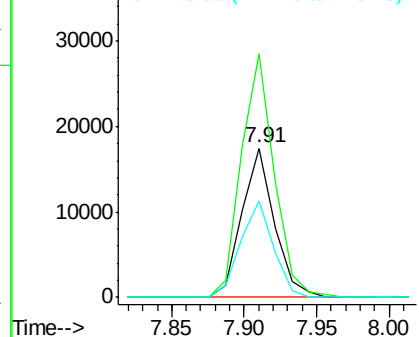
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF076972.D
Acq: 20 Jan 2015 20:46

Instrument :
BNA_F
ClientSampleId :
EB-2015-1-15

Tot Ion:152 Resp: 27014
Ion Ratio Lower Upper
152 100
150 163.5 121.7 182.5
115 64.4 47.0 70.6



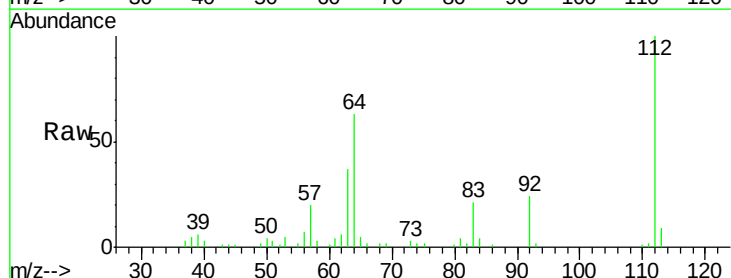
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



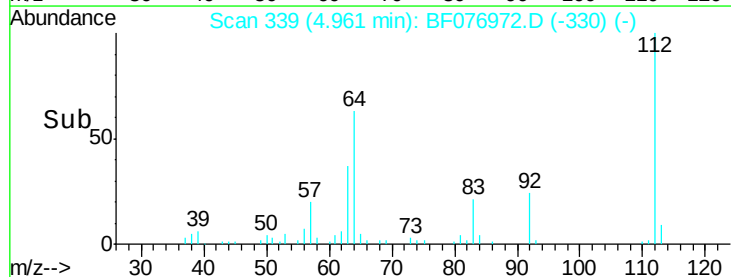
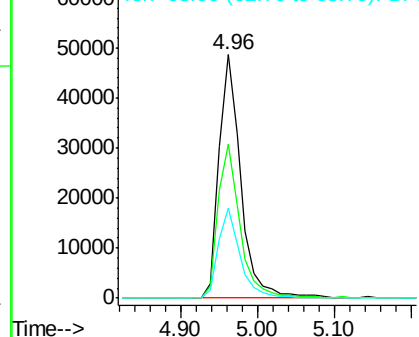
#5

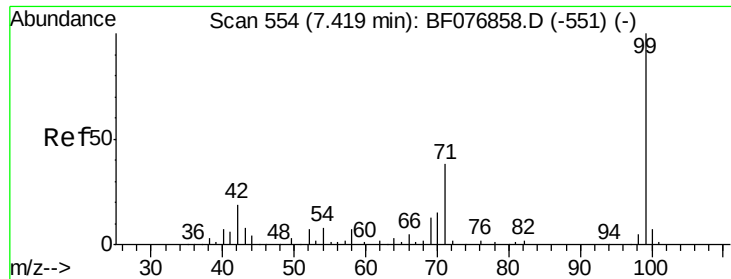
2-Fluorophenol
Concen: 58.84 ng
RT: 4.96 min Scan# 339
Delta R.T. -0.00 min
Lab File: BF076972.D
Acq: 20 Jan 2015 20:46

Tgt Ion:112 Resp: 96673
Ion Ratio Lower Upper
112 100
64 63.0 54.2 81.4
63 36.7 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: 34.67 ng

RT: 7.30 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF076972.D

Acq: 20 Jan 2015 20:46

Instrument :

BNA_F

ClientSampleId :

EB-2015-1-15

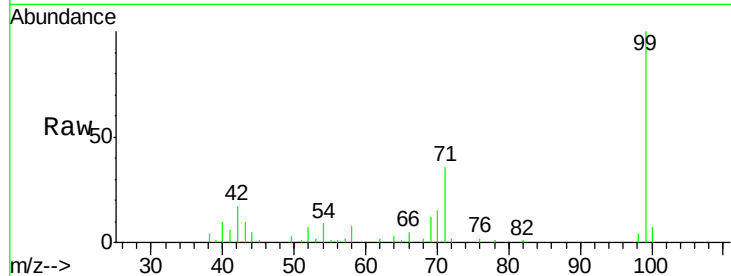
Tot Ion: 99 Resp: 71855

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

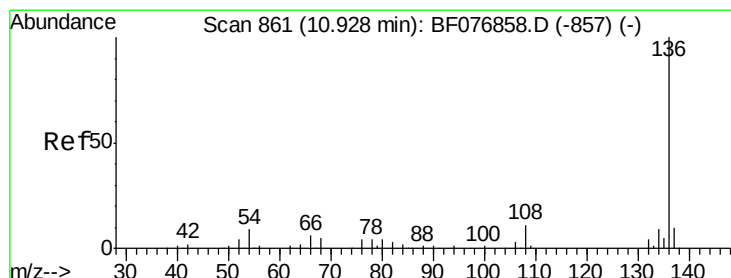
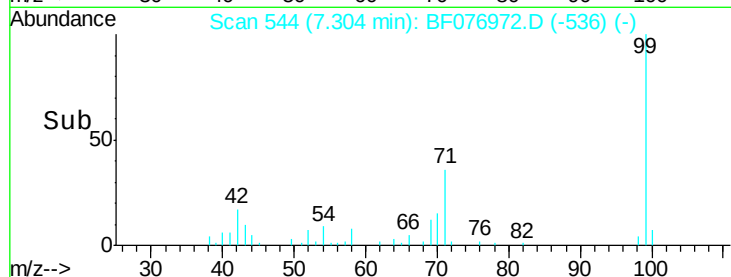
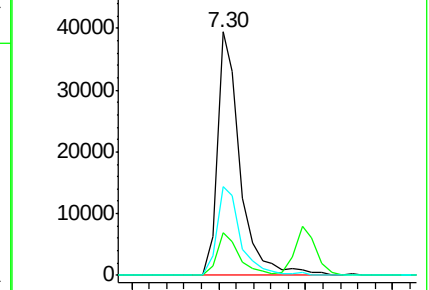
71 36.2 30.5 45.7



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: 10.81 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF076972.D

Acq: 20 Jan 2015 20:46

Tgt Ion: 136 Resp: 114793

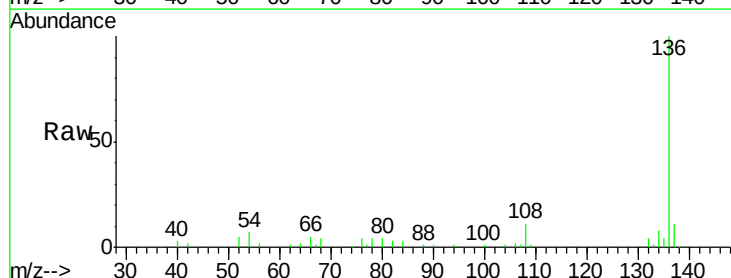
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 7.4 7.0 10.4

68 4.5 3.7 5.5

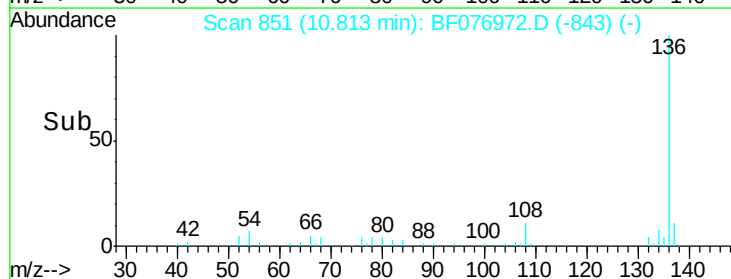
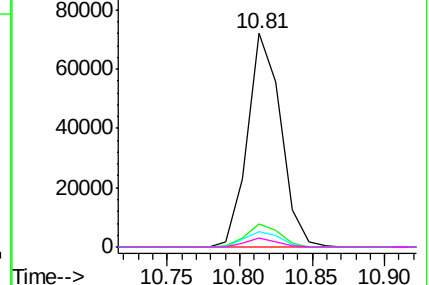


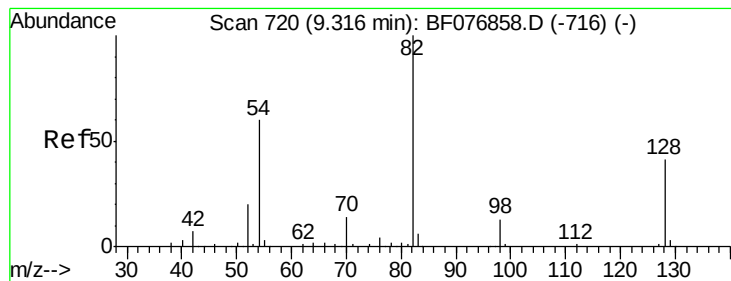
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.56 ng

RT: 9.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF076972.D

Acq: 20 Jan 2015 20:46

Instrument :

BNA_F

ClientSampleId :

EB-2015-1-15

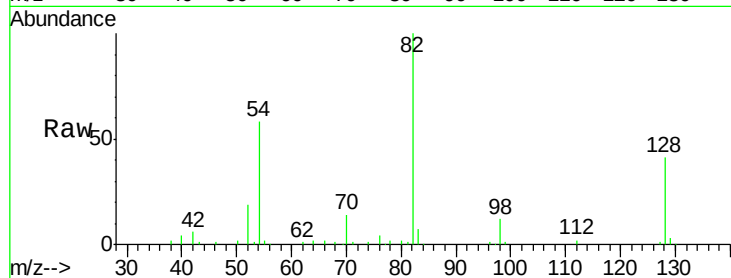
Tot Ion: 82 Resp: 175202

Ion Ratio Lower Upper

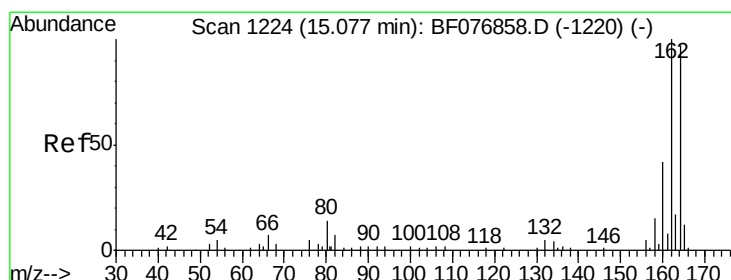
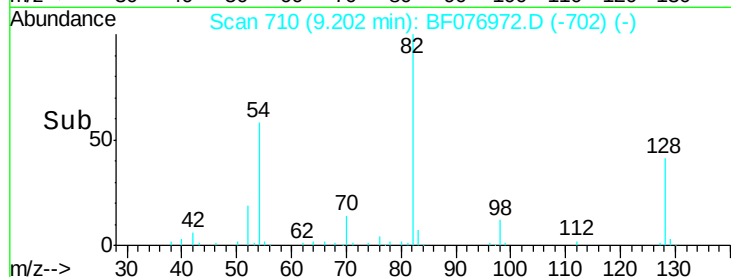
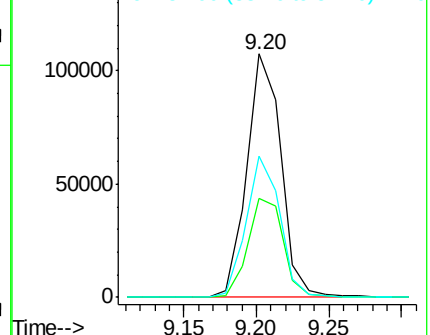
82 100

128 40.5 33.1 49.7

54 57.8 48.3 72.5



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: 14.95 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF076972.D

Acq: 20 Jan 2015 20:46

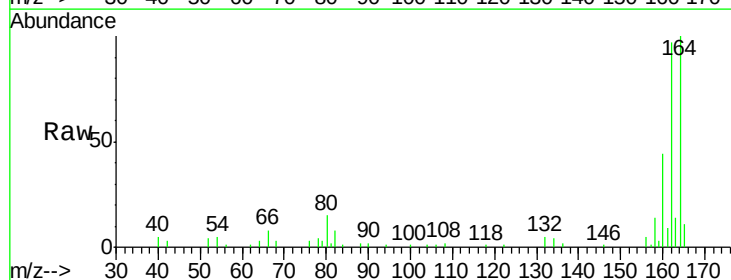
Tgt Ion:164 Resp: 61689

Ion Ratio Lower Upper

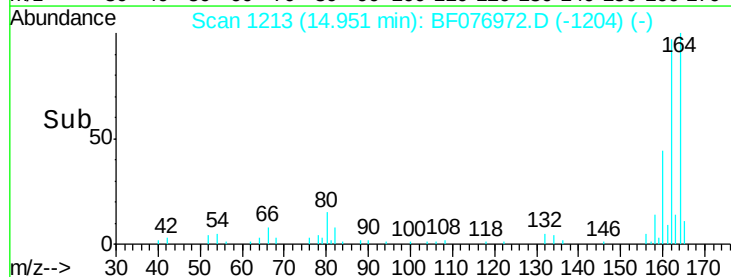
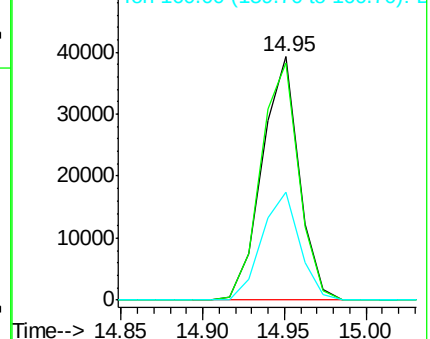
164 100

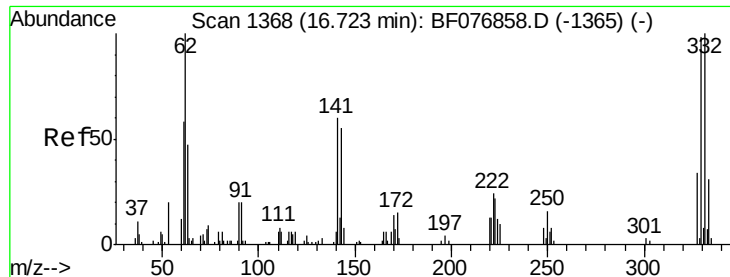
162 97.5 82.4 123.6

160 44.4 34.8 52.2



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

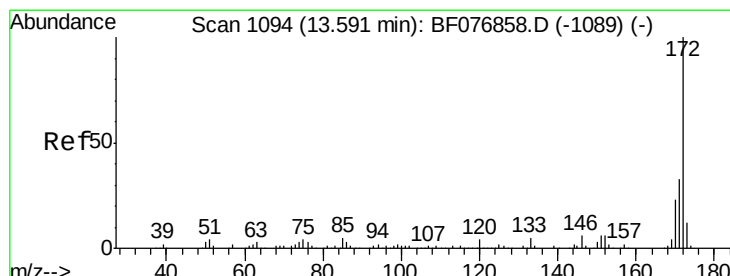
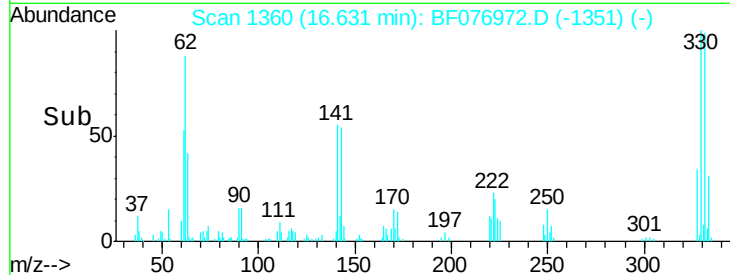
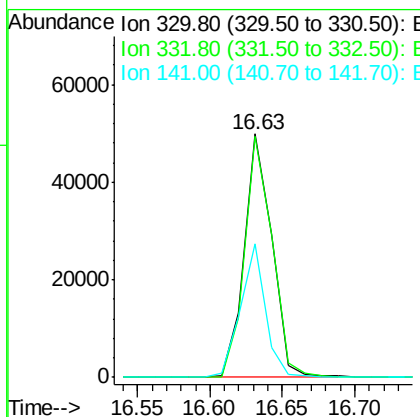
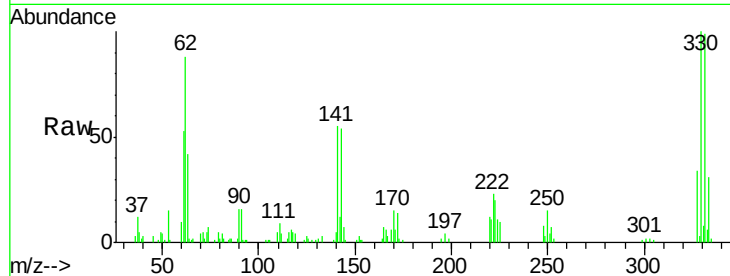




#41
 2,4,6-Tribromophenol
 Concen: 132.16 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF076972.D
 Acq: 20 Jan 2015 20:46

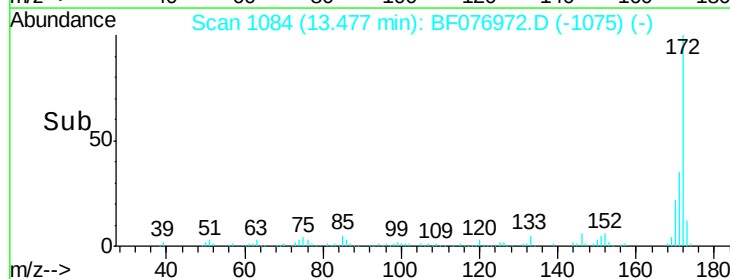
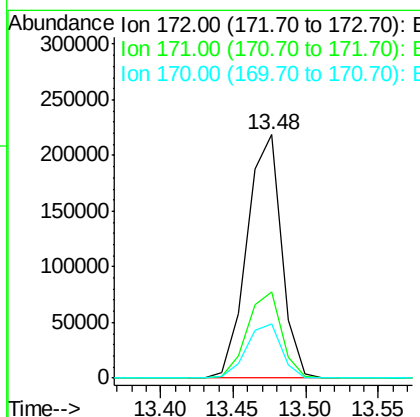
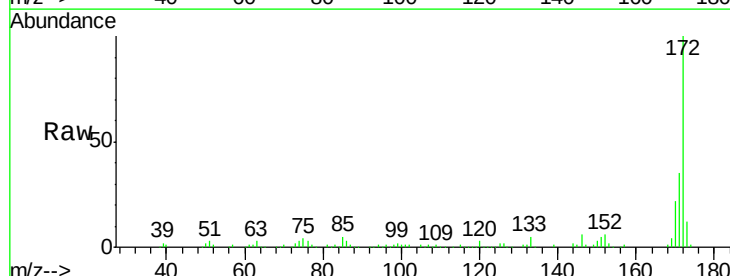
Instrument :
 BNA_F
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 EB-2015-1-15

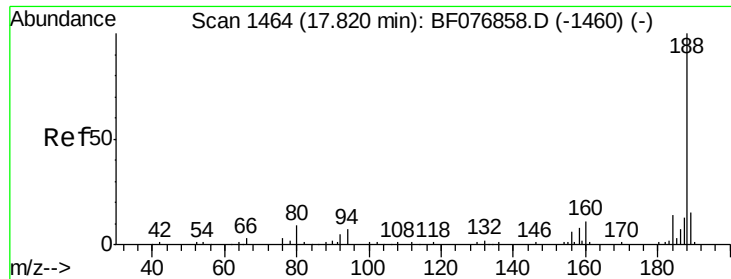
Tot Ion:330 Resp: 66181
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 49.6 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 88.64 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF076972.D
 Acq: 20 Jan 2015 20:46

Tgt Ion:172 Resp: 359317
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.6 40.0
 170 22.4 18.0 27.0

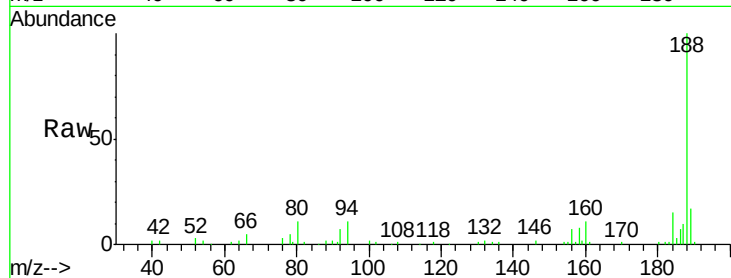




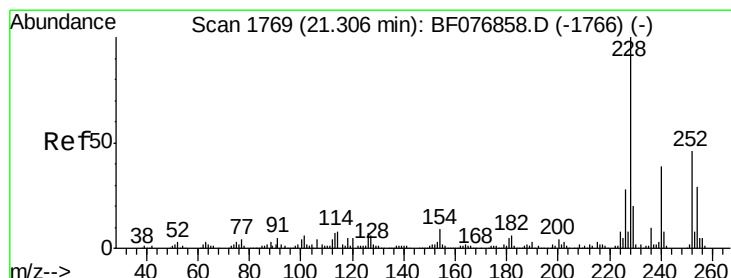
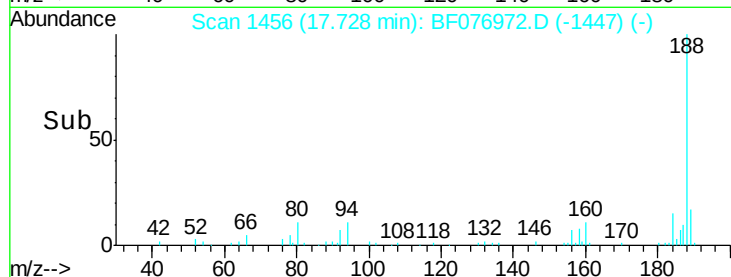
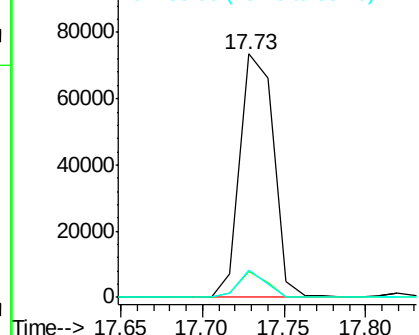
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF076972.D
Acq: 20 Jan 2015 20:46

Instrument :
BNA_F
ClientSampleId :
EB-2015-1-15

Tot Ion:188 Resp: 104611
Ion Ratio Lower Upper
188 100
94 10.8 6.0 9.0#
80 11.2 6.9 10.3#

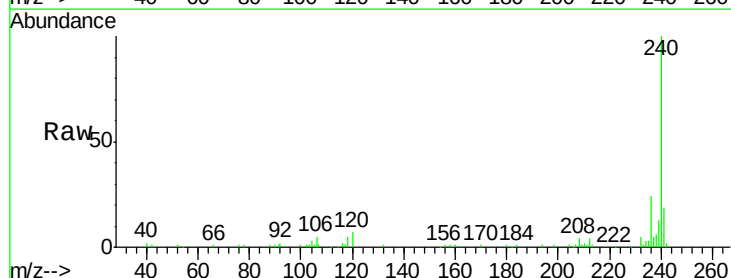


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

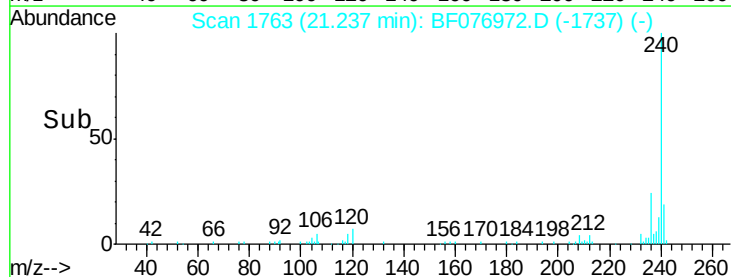
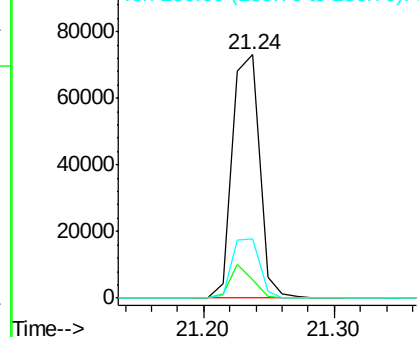


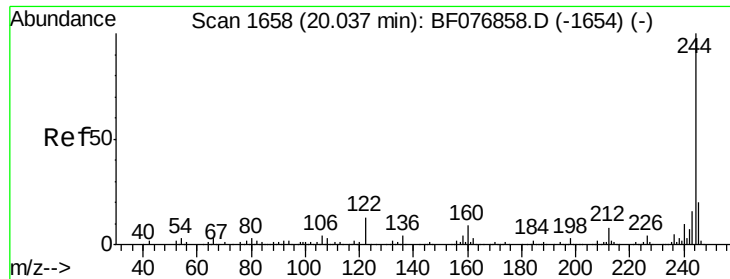
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BF076972.D
Acq: 20 Jan 2015 20:46

Tgt Ion:240 Resp: 105799
Ion Ratio Lower Upper
240 100
120 7.3 10.4 15.6#
236 24.2 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: 90.34 ng

RT: 19.97 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF076972.D

Acq: 20 Jan 2015 20:46

Instrument :

BNA_F

ClientSampled :

EB-2015-1-15

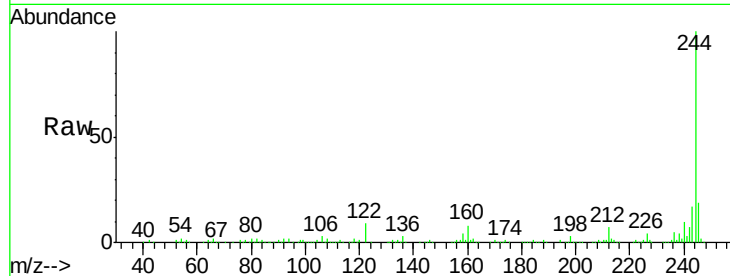
Tot Ion:244 Resp: 415178

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

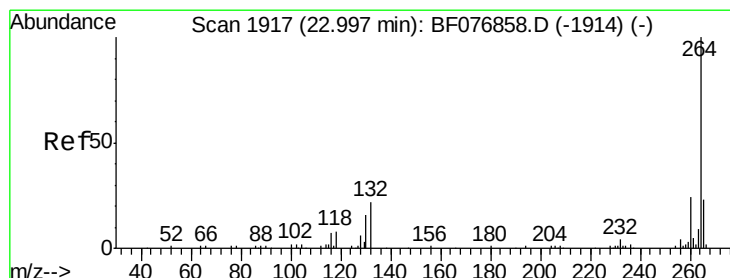
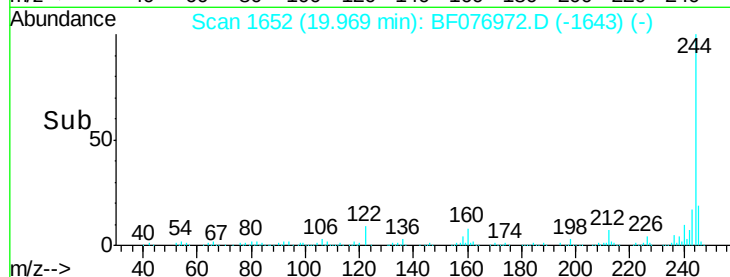
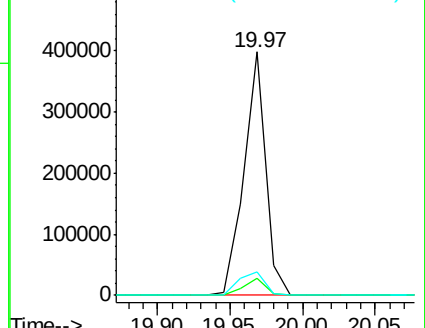
122 9.4 10.1 15.1#



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: 22.88 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF076972.D

Acq: 20 Jan 2015 20:46

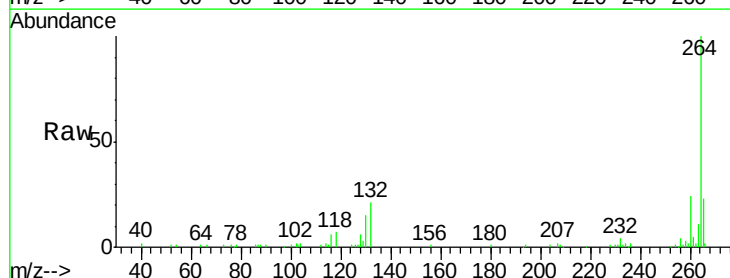
Tgt Ion:264 Resp: 92058

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.8 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

