

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076902.D
 Acq On : 16 Jan 2015 3:33
 Operator : IZ / TP
 Sample : G1076-11
 Misc : S
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Jan 16 04:30:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35749	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	149747	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	76253	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	131627	20.00	ng	0.00
75) Chrysene-d12	21.31	240	122127	20.00	ng	0.00
86) Perylene-d12	22.95	264	111600	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	231522	106.48	ng	0.01
7) Phenol-d6	7.42	99	269341	98.20	ng	0.00
23) Nitrobenzene-d5	9.32	82	188884	69.88	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	65424	105.70	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	372555	74.35	ng	0.00
78) Terphenyl-d14	20.04	244	355589	67.03	ng	0.00

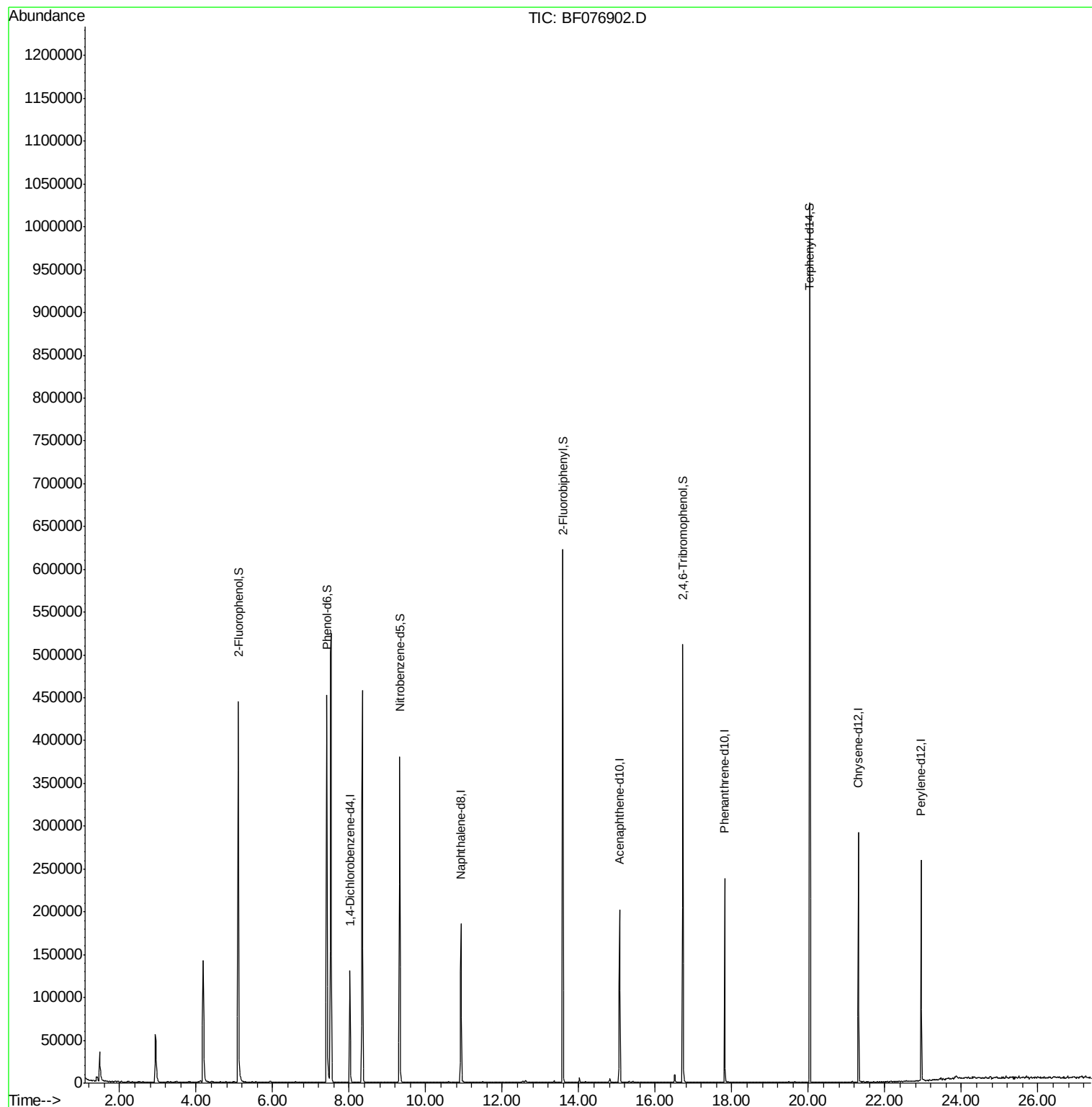
Target Compounds Qvalue

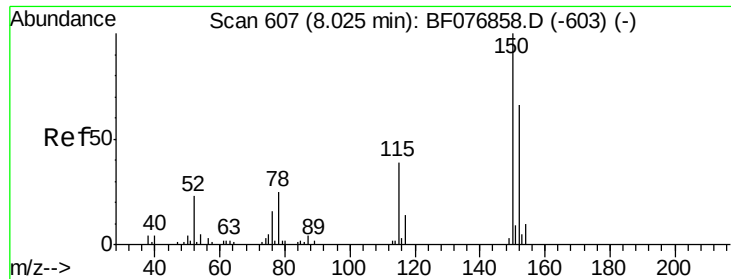
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF076902.D

Acq: 16 Jan 2015 3:33

Instrument :

BNA_F

ClientSampled :

SP-3

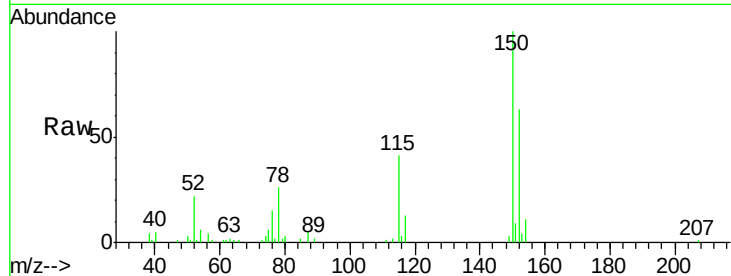
Tot Ion:152 Resp: 35749

Ion Ratio Lower Upper

152 100

150 159.6 121.7 182.5

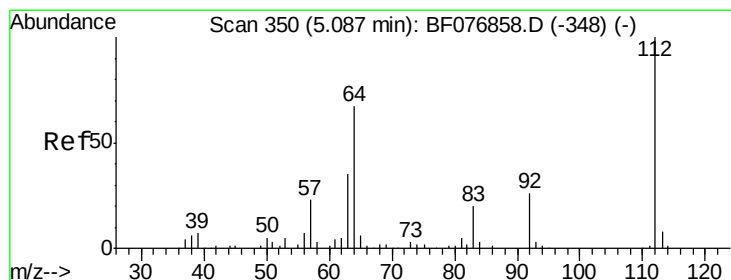
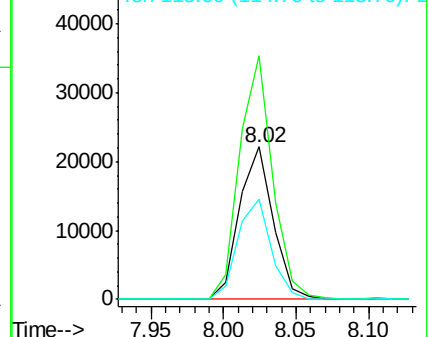
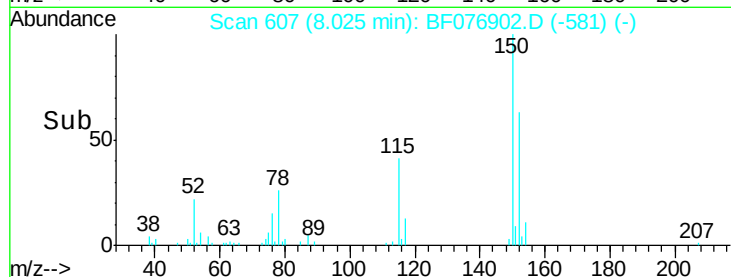
115 65.7 47.0 70.6



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: 106.48 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076902.D

Acq: 16 Jan 2015 3:33

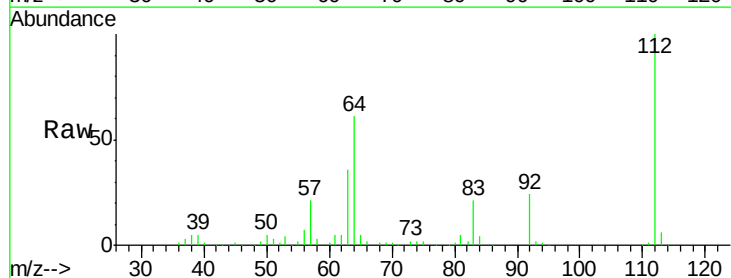
Tgt Ion:112 Resp: 231522

Ion Ratio Lower Upper

112 100

64 61.4 54.2 81.4

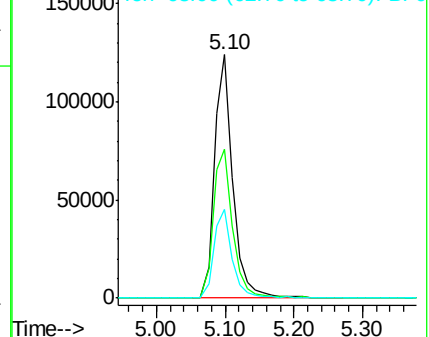
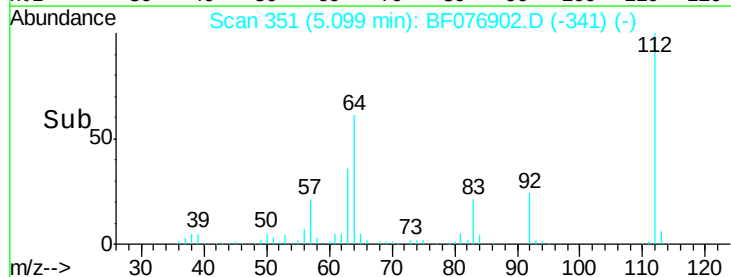
63 36.2 28.4 42.6

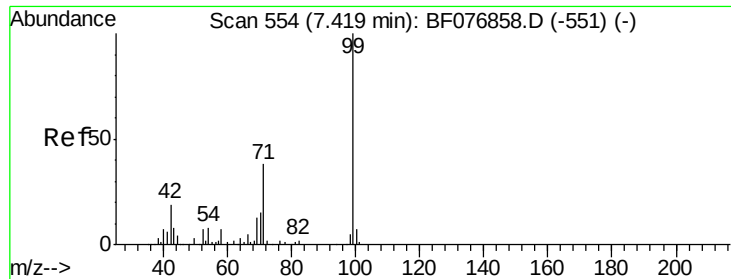


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.20 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076902.D

Acq: 16 Jan 2015 3:33

Instrument :

BNA_F

ClientSampleId :

SP-3

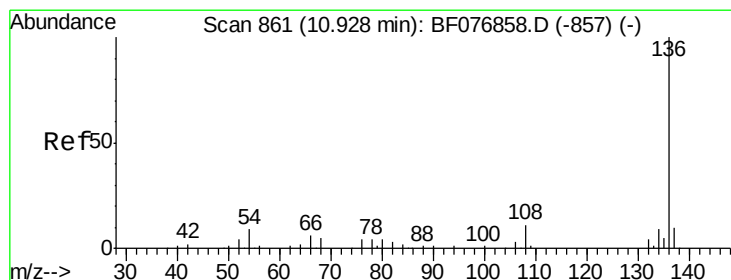
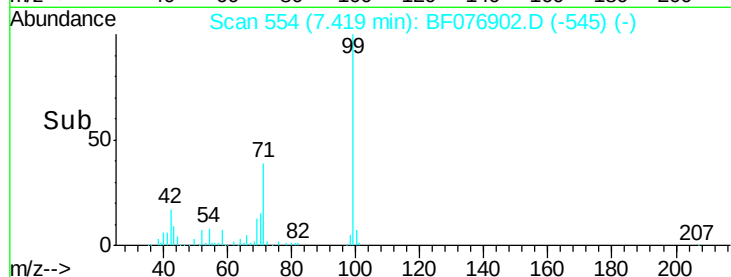
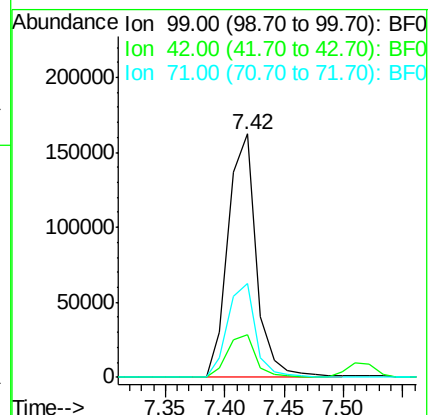
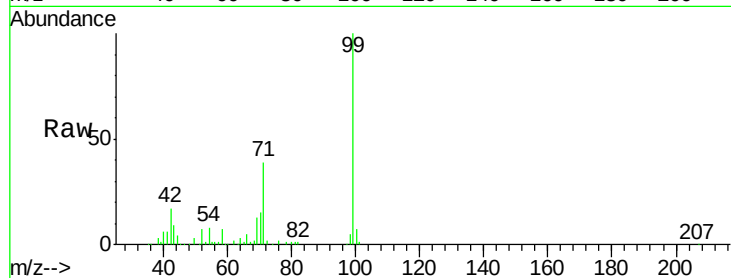
Tot Ion: 99 Resp: 269341

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

71 38.5 30.5 45.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF076902.D

Acq: 16 Jan 2015 3:33

Tgt Ion: 136 Resp: 149747

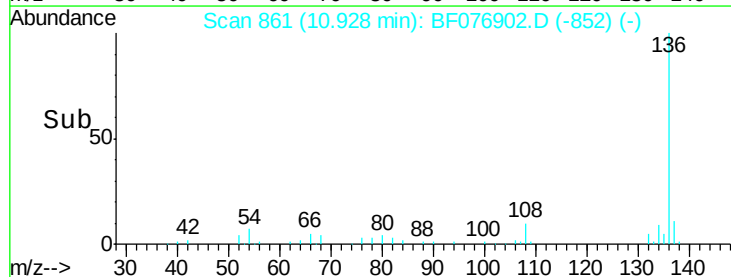
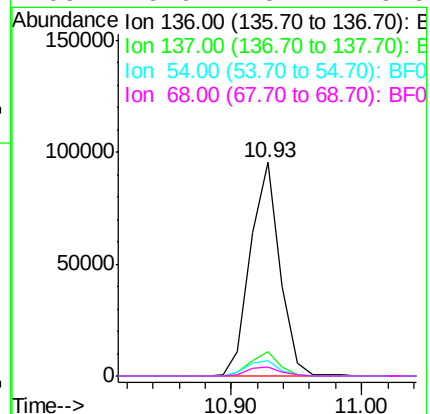
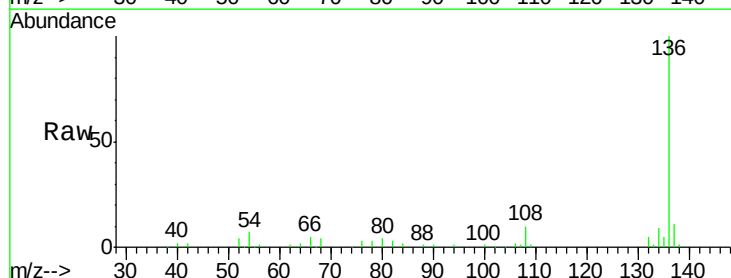
Ion Ratio Lower Upper

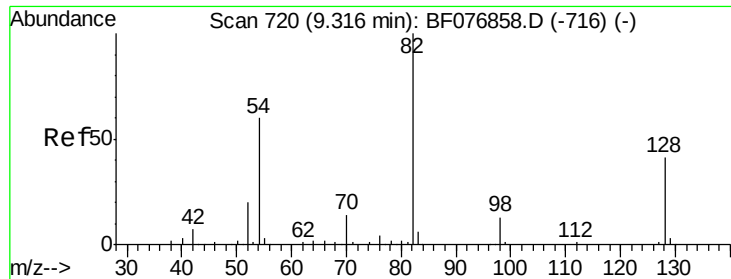
136 100

137 11.2 8.1 12.1

54 7.1 7.0 10.4

68 3.9 3.7 5.5

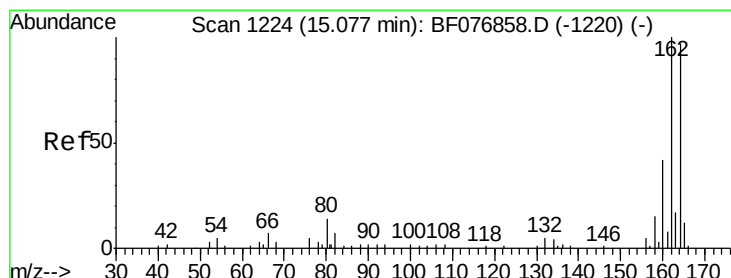
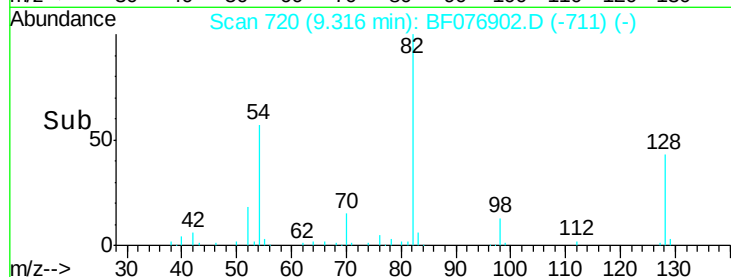
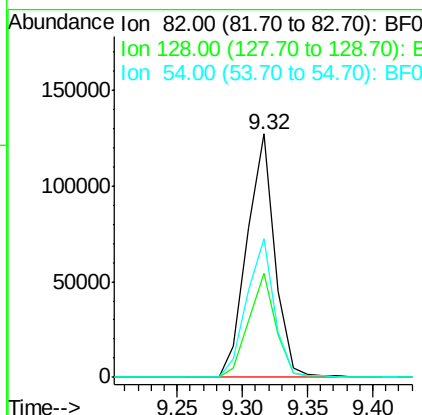
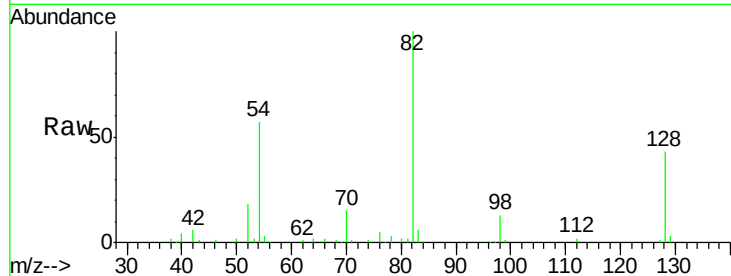




#23
 Nitrobenzene-d5
 Concen: 69.88 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076902.D
 Acq: 16 Jan 2015 3:33

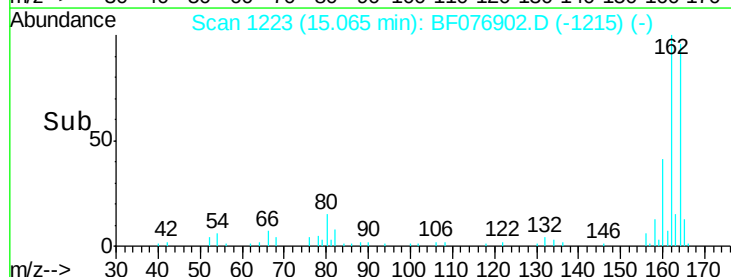
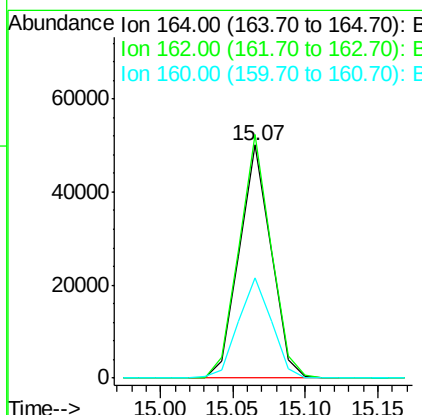
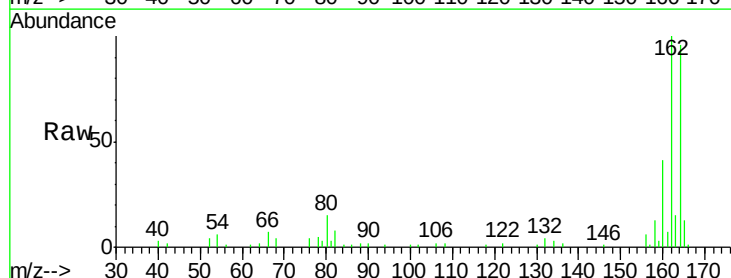
Instrument :
 BNA_F
 ClientSampleId :
 SP-3

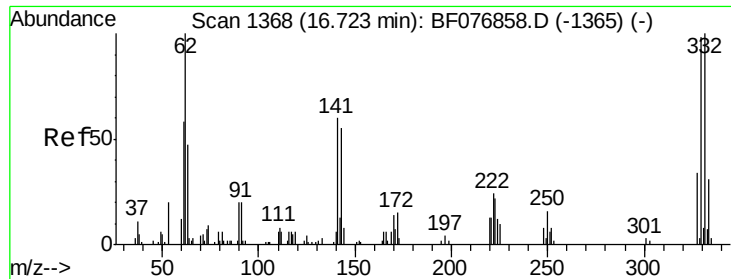
Tot Ion: 82 Resp: 188884
 Ion Ratio Lower Upper
 82 100
 128 42.7 33.1 49.7
 54 57.1 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF076902.D
 Acq: 16 Jan 2015 3:33

Tgt Ion: 164 Resp: 76253
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.4 123.6
 160 42.8 34.8 52.2

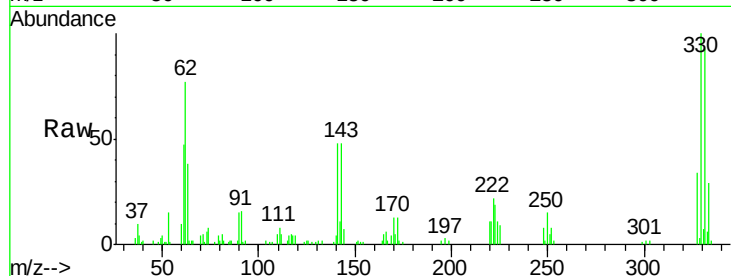




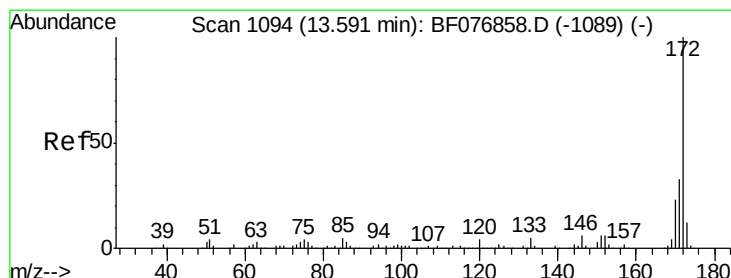
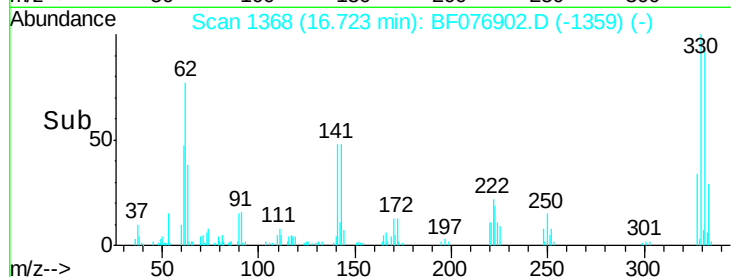
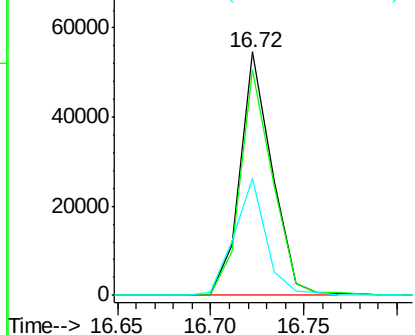
#41
 2,4,6-Tribromophenol
 Concen: 105.70 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076902.D
 Acq: 16 Jan 2015 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tot Ion:330 Resp: 65424
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.8 116.6
 141 48.4 38.5 57.7

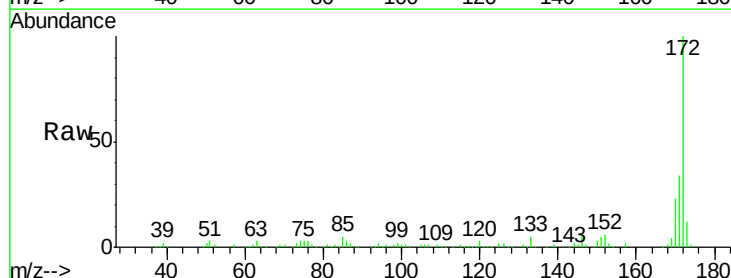


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

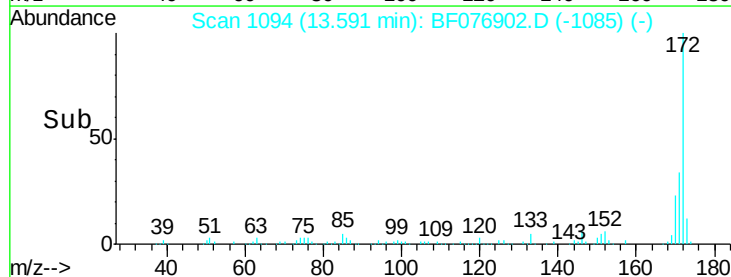
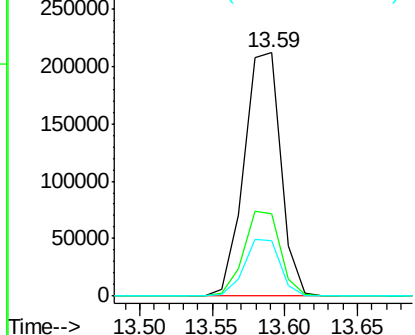


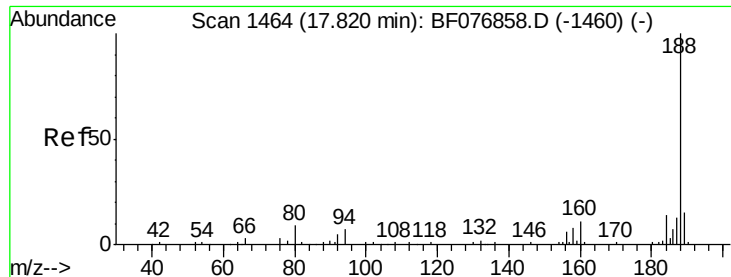
#44
 2-Fluorobiphenyl
 Concen: 74.35 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF076902.D
 Acq: 16 Jan 2015 3:33

Tgt Ion:172 Resp: 372555
 Ion Ratio Lower Upper
 172 100
 171 33.9 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

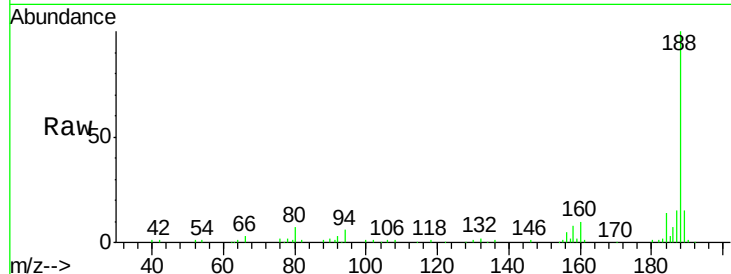




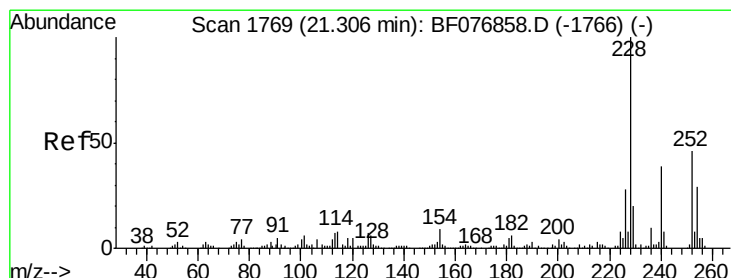
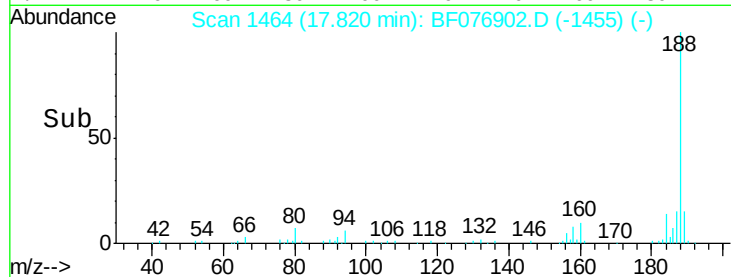
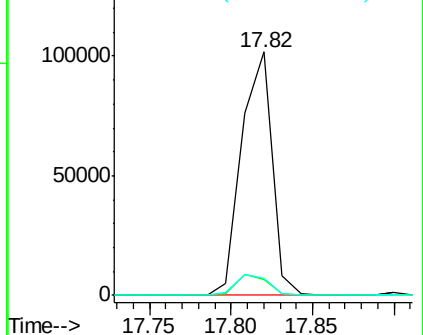
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF076902.D
Acq: 16 Jan 2015 3:33

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion:188 Resp: 131627
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 7.0 6.9 10.3

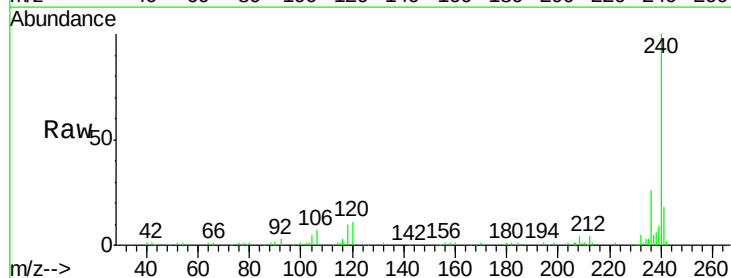


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

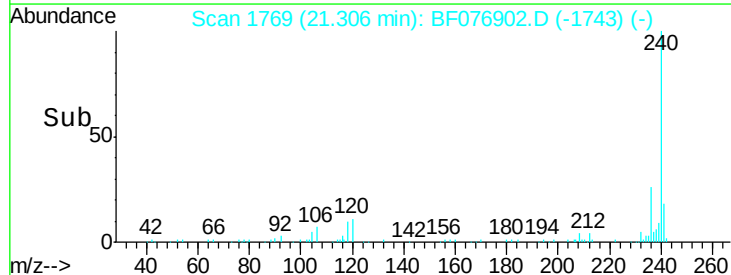
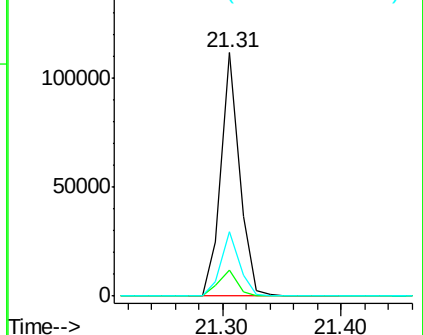


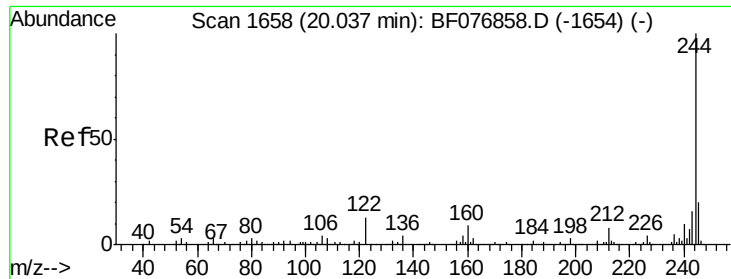
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BF076902.D
Acq: 16 Jan 2015 3:33

Tgt Ion:240 Resp: 122127
Ion Ratio Lower Upper
240 100
120 10.6 10.4 15.6
236 26.5 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: 67.03 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076902.D

Acq: 16 Jan 2015 3:33

Instrument :

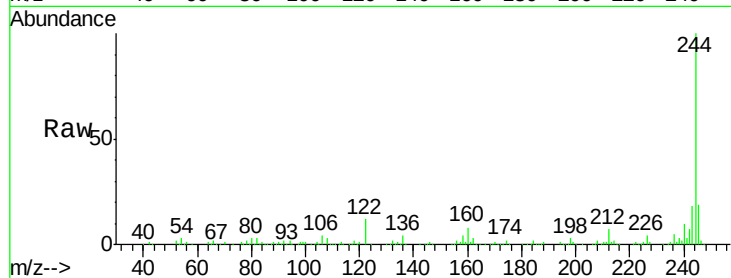
BNA_F

ClientSampleId :

SP-3

Tot Ion:244 Resp: 355589

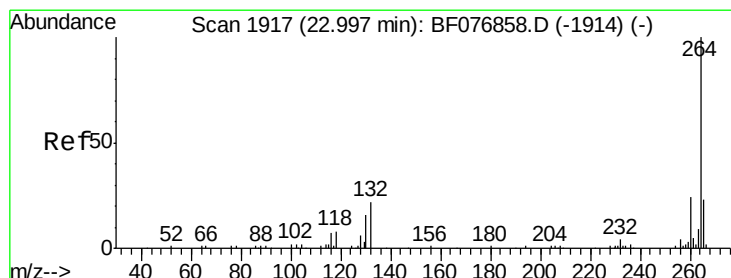
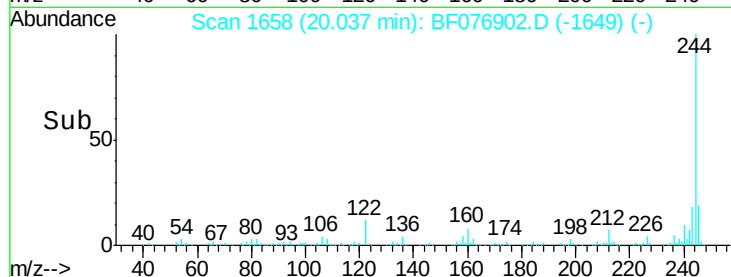
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	12.2	10.1	15.1



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: 22.95 min Scan# 1913

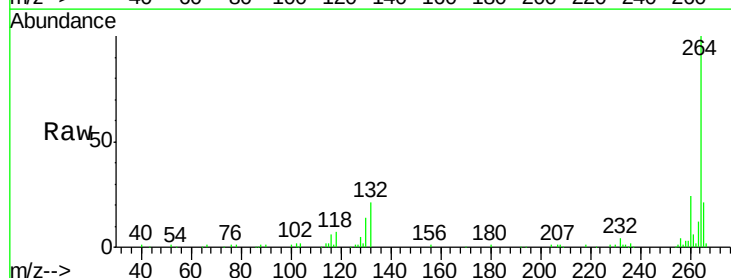
Delta R.T. -0.05 min

Lab File: BF076902.D

Acq: 16 Jan 2015 3:33

Tgt Ion:264 Resp: 111600

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.3	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

