

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076966.D
 Acq On : 20 Jan 2015 17:20
 Operator : IZ / TP
 Sample : G1076-11
 Misc : W
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Jan 21 00:49:35 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 00:34:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	40034	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	175207	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	97578	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	170324	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	163793	20.00	ng	-0.01
86) Perylene-d12	22.88	264	118728	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	270092	110.92	ng	0.01
7) Phenol-d6	7.32	99	326913	106.43	ng	0.00
23) Nitrobenzene-d5	9.21	82	221378	70.00	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	91065	114.97	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	458821	71.56	ng	0.00
78) Terphenyl-d14	19.97	244	509513	71.61	ng	0.00

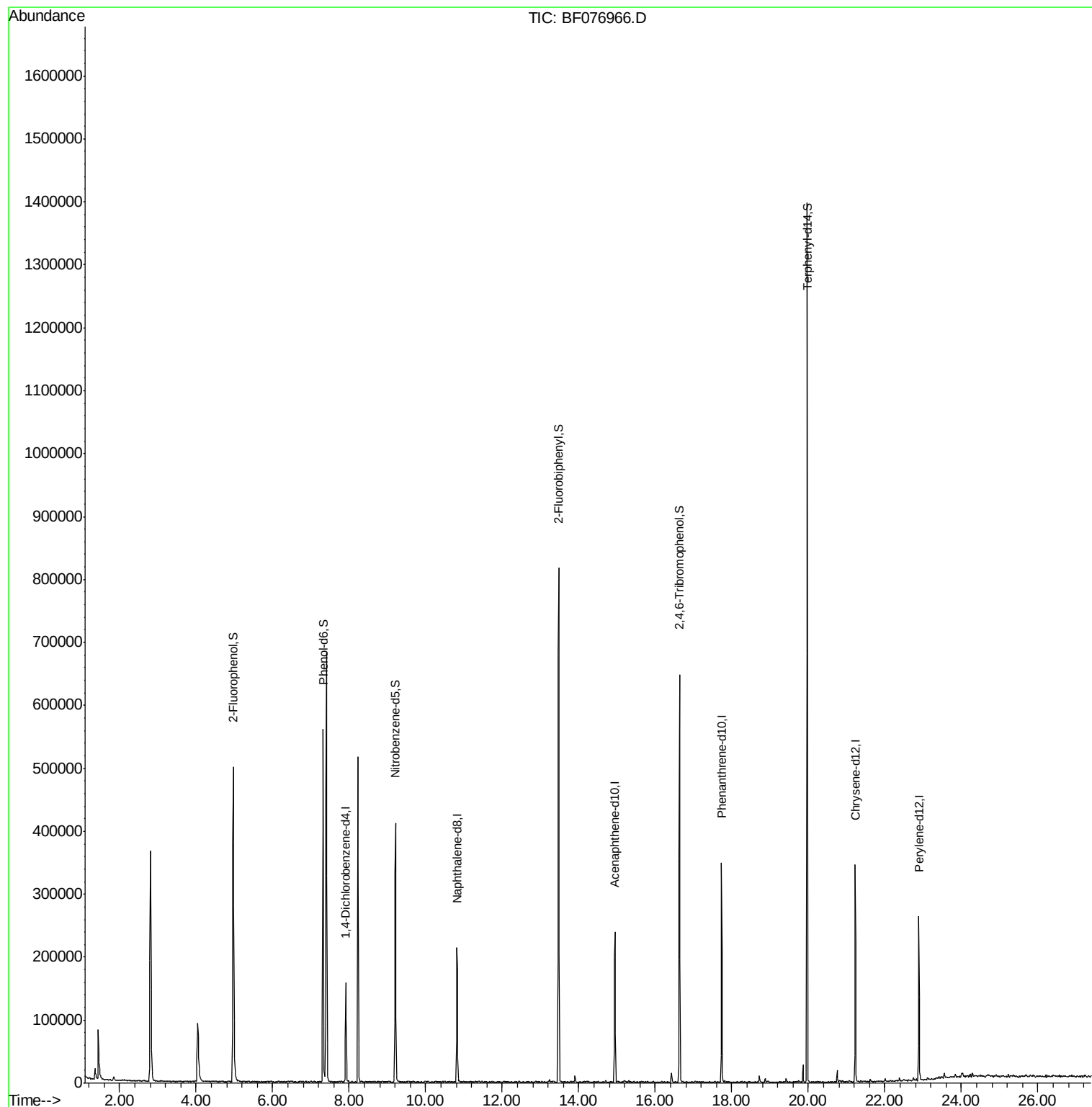
Target Compounds Qvalue

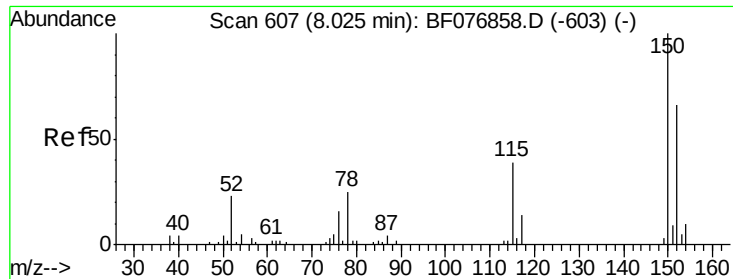
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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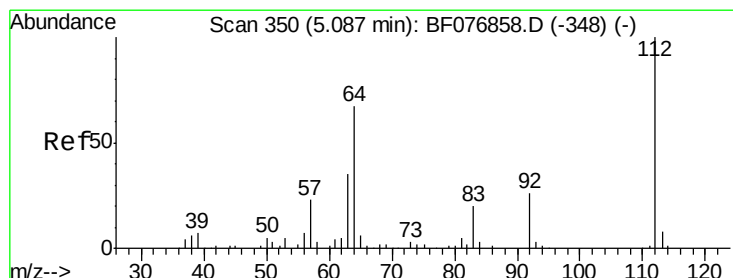
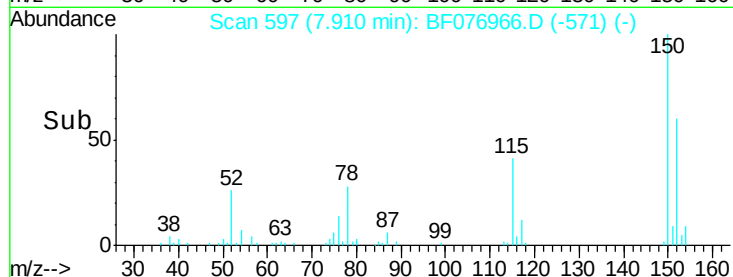
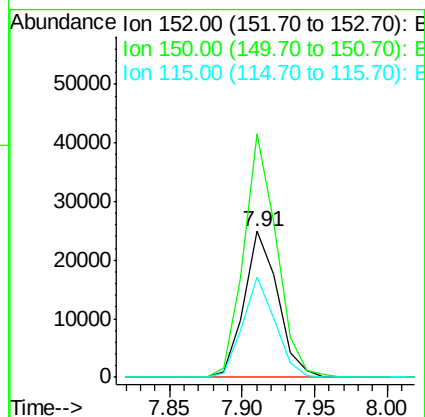
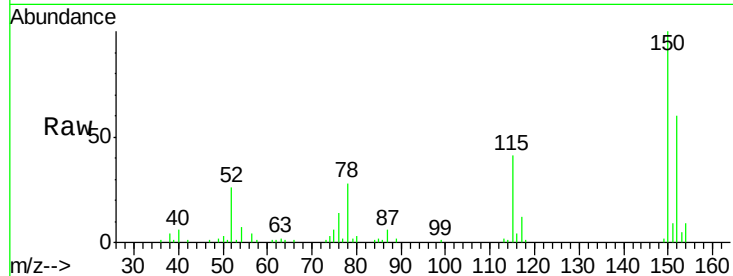


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF076966.D
Acq: 20 Jan 2015 17:20

Instrument :
BNA_F
ClientSampled :
SP-3

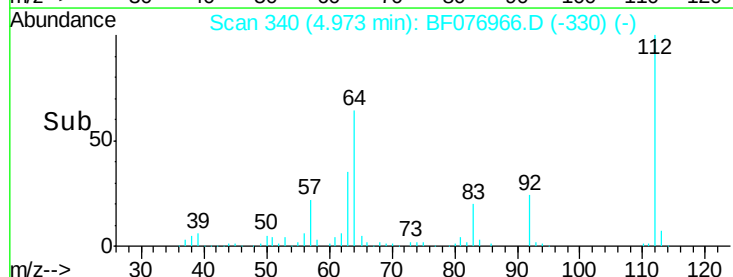
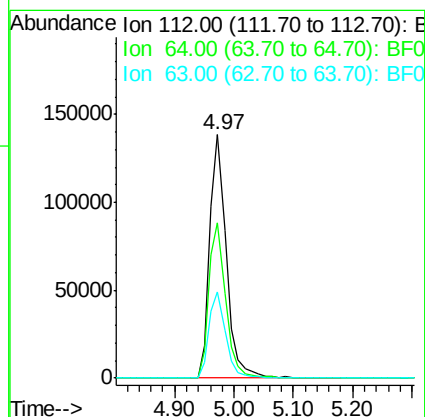
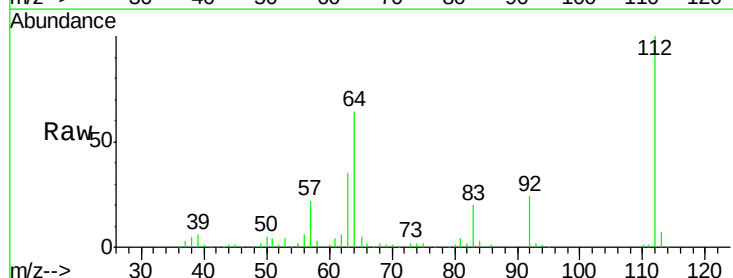
Tot Ion:152 Resp: 40034
Ion Ratio Lower Upper
152 100
150 167.0 121.7 182.5
115 69.2 47.0 70.6

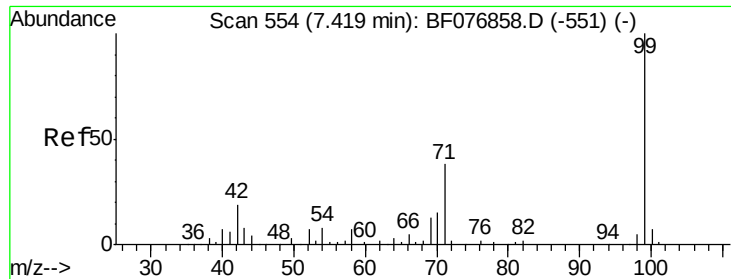


#5

2-Fluorophenol
Concen: 110.92 ng
RT: 4.97 min Scan# 340
Delta R.T. 0.01 min
Lab File: BF076966.D
Acq: 20 Jan 2015 17:20

Tgt Ion:112 Resp: 270092
Ion Ratio Lower Upper
112 100
64 64.0 54.2 81.4
63 35.3 28.4 42.6





#7

Phenol-d6

Concen: 106.43 ng

RT: 7.32 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF076966.D

Acq: 20 Jan 2015 17:20

Instrument :

BNA_F

ClientSampled :

SP-3

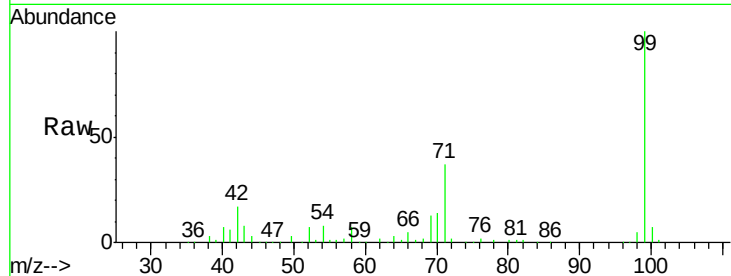
Tot Ion: 99 Resp: 326913

Ion Ratio Lower Upper

99 100

42 17.1 15.0 22.4

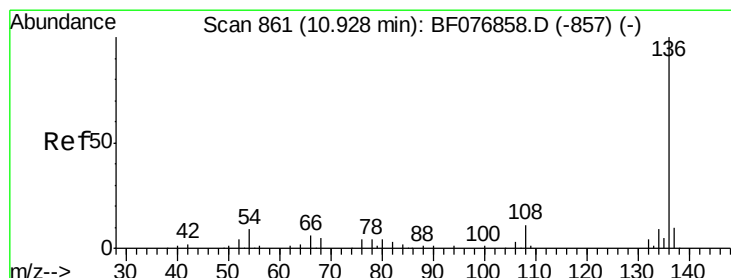
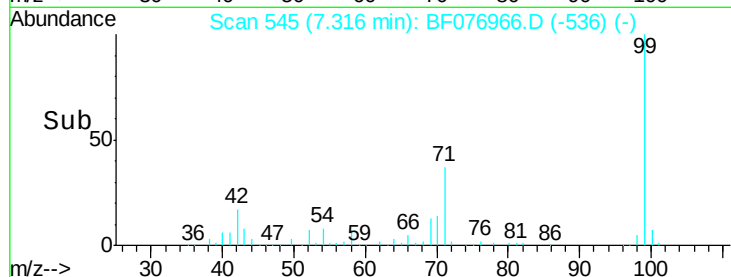
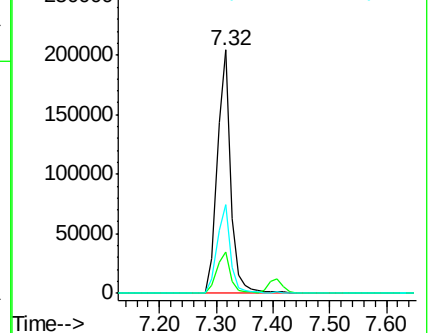
71 36.7 30.5 45.7



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: BF076966.D

Acq: 20 Jan 2015 17:20

Tgt Ion: 136 Resp: 175207

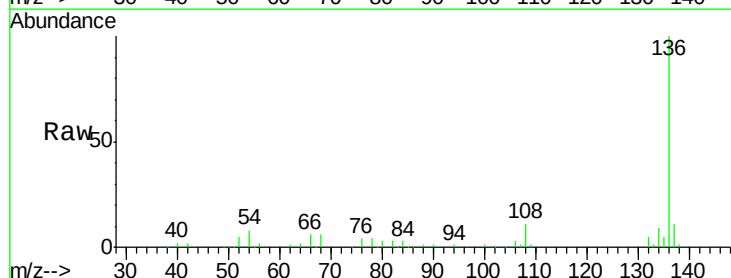
Ion Ratio Lower Upper

136 100

137 11.4 8.1 12.1

54 8.1 7.0 10.4

68 5.7 3.7 5.5#

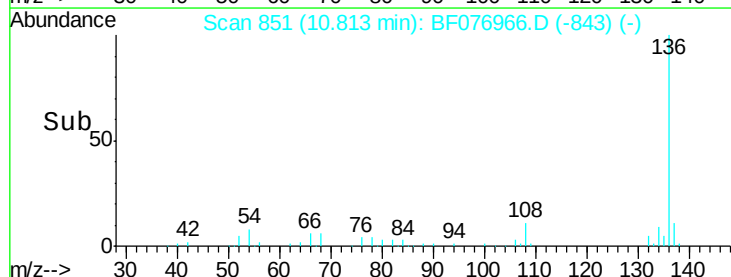
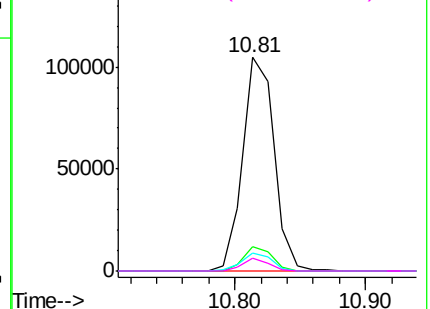


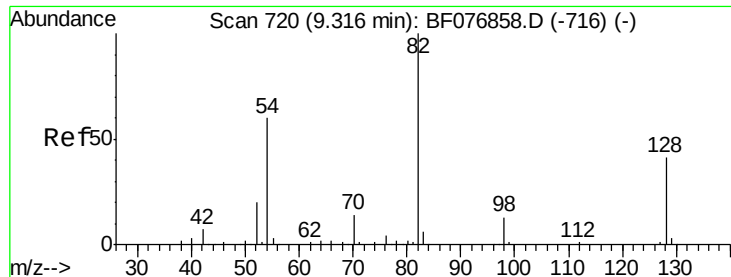
Abundance Ion 136.00 (135.70 to 136.70): E

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

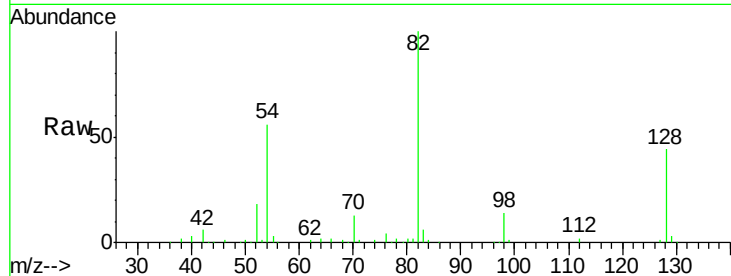




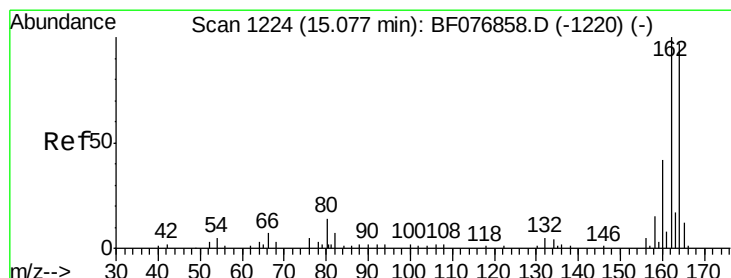
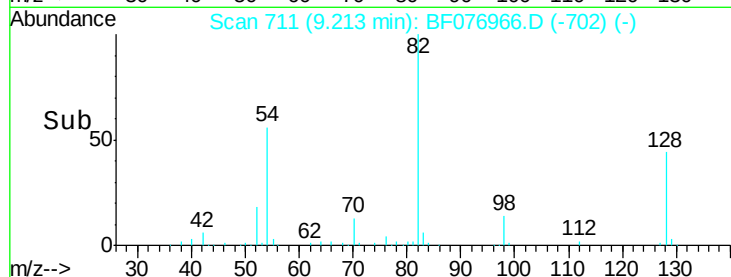
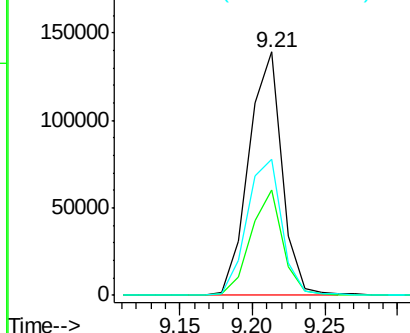
#23
 Nitrobenzene-d5
 Concen: 70.00 ng
 RT: 9.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF076966.D
 Acq: 20 Jan 2015 17:20

Instrument :
 BNA_F
 ClientSampled :
 SP-3

Tot Ion: 82 Resp: 221378
 Ion Ratio Lower Upper
 82 100
 128 43.5 33.1 49.7
 54 55.9 48.3 72.5

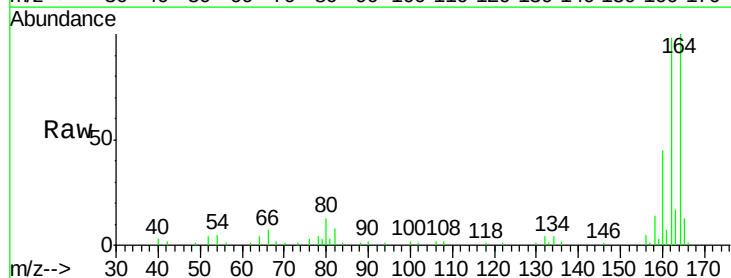


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

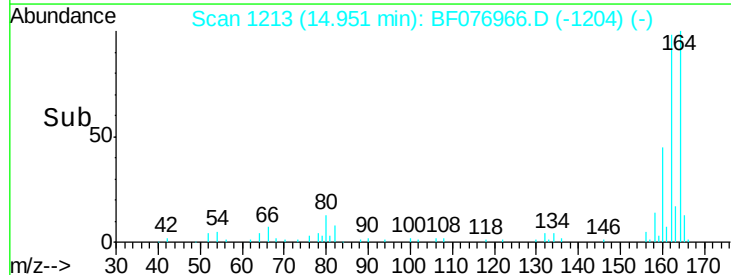
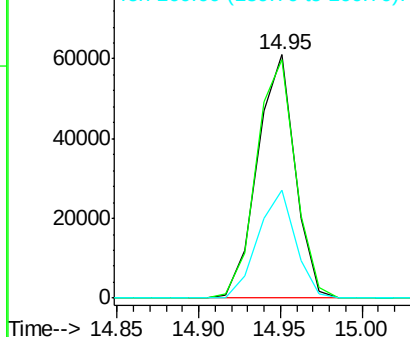


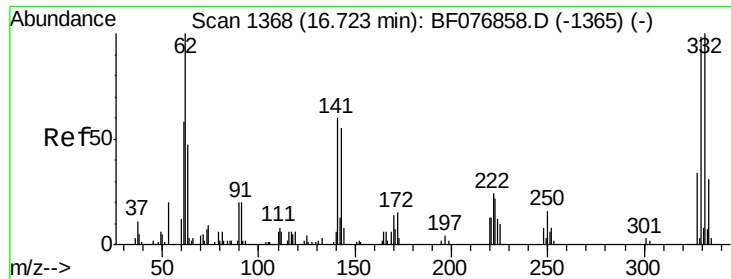
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF076966.D
 Acq: 20 Jan 2015 17:20

Tgt Ion:164 Resp: 97578
 Ion Ratio Lower Upper
 164 100
 162 98.1 82.4 123.6
 160 44.5 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: 114.97 ng

RT: 16.63 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF076966.D

Acq: 20 Jan 2015 17:20

Instrument :

BNA_F

ClientSampleId :

SP-3

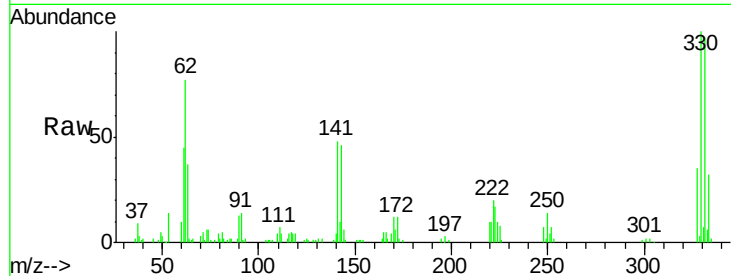
Tot Ion:330 Resp: 91065

Ion Ratio Lower Upper

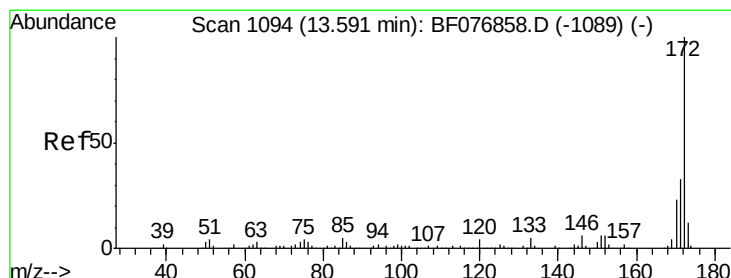
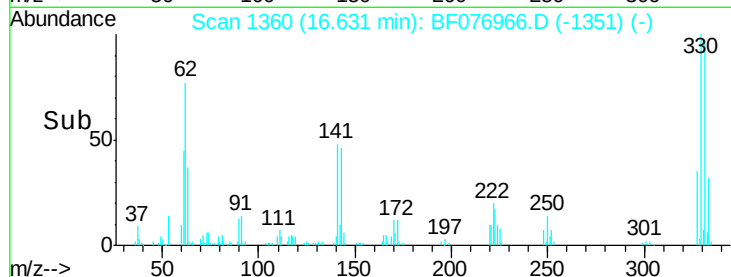
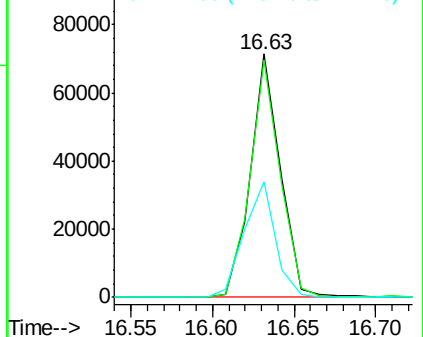
330 100

332 97.2 77.8 116.6

141 49.0 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: 71.56 ng

RT: 13.48 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF076966.D

Acq: 20 Jan 2015 17:20

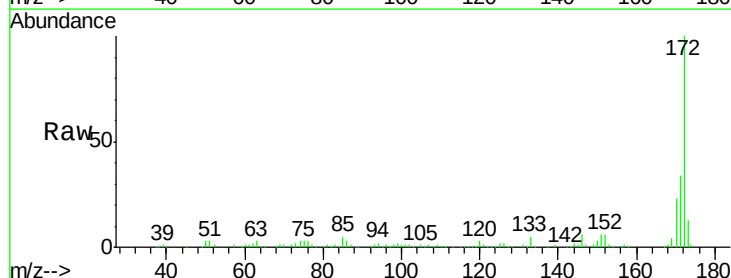
Tgt Ion:172 Resp: 458821

Ion Ratio Lower Upper

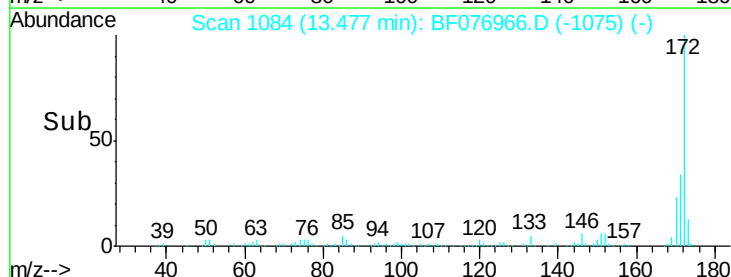
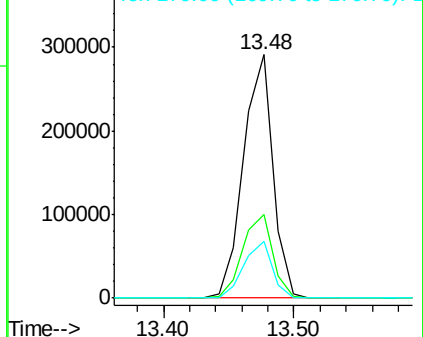
172 100

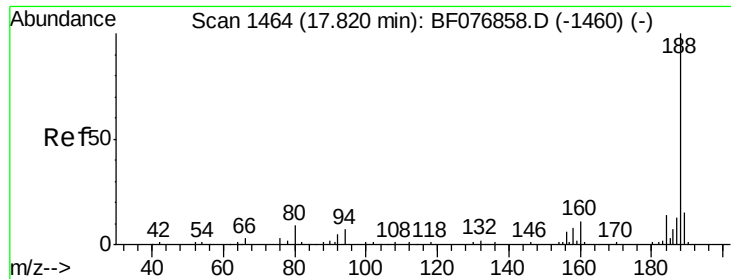
171 34.1 26.6 40.0

170 23.4 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

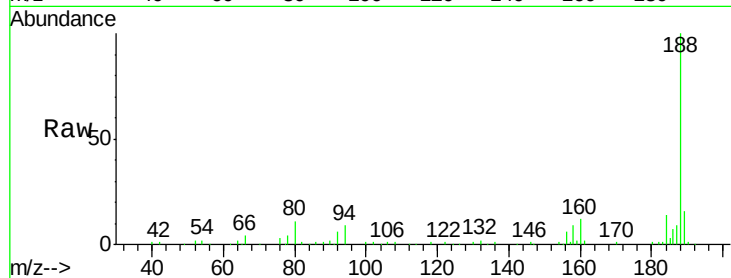




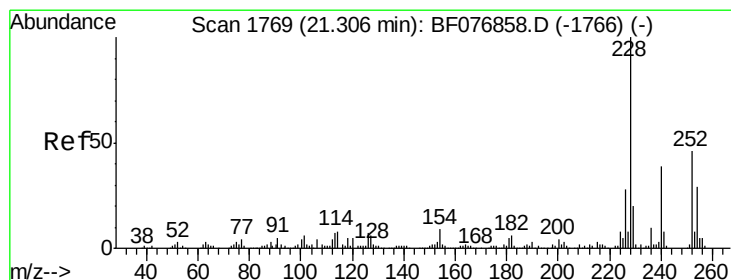
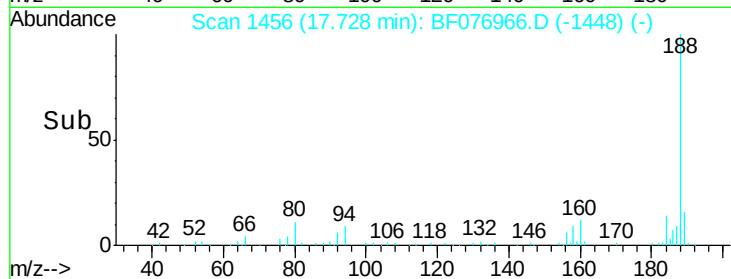
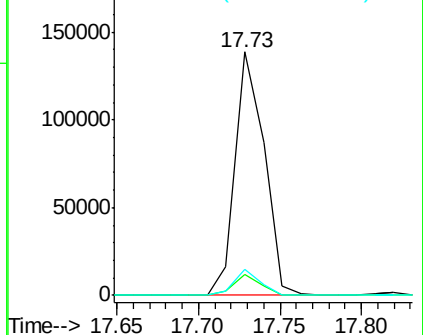
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF076966.D
Acq: 20 Jan 2015 17:20

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion:188 Resp: 170324
Ion Ratio Lower Upper
188 100
94 8.8 6.0 9.0
80 10.6 6.9 10.3#

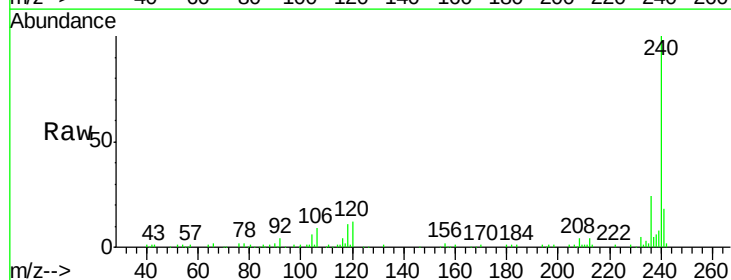


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

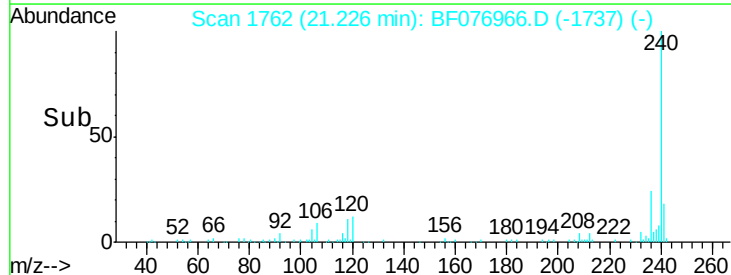
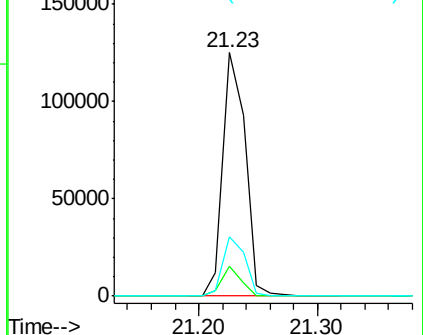


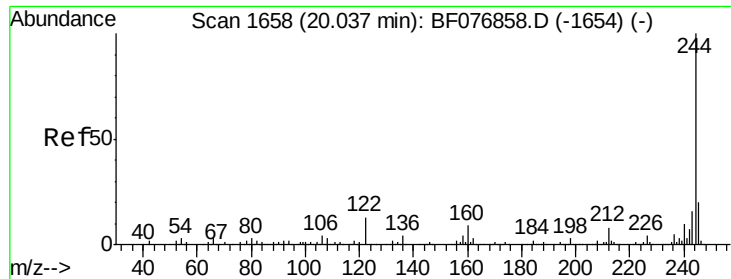
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF076966.D
Acq: 20 Jan 2015 17:20

Tgt Ion:240 Resp: 163793
Ion Ratio Lower Upper
240 100
120 12.5 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: 71.61 ng

RT: 19.97 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF076966.D

Acq: 20 Jan 2015 17:20

Instrument :

BNA_F

ClientSampleId :

SP-3

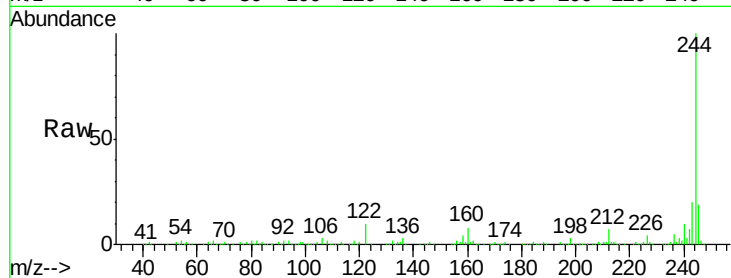
Tot Ion:244 Resp: 509513

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

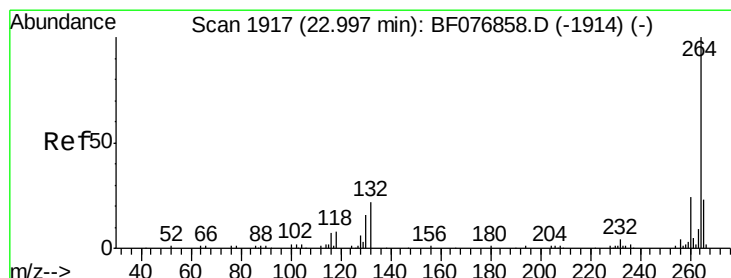
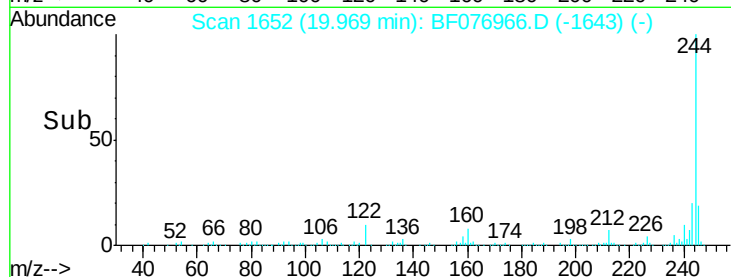
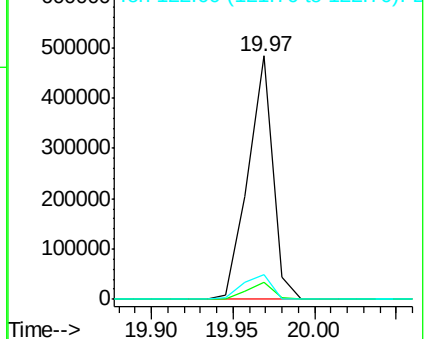
122 10.1 10.1 15.1



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. -0.05 min

Lab File: BF076966.D

Acq: 20 Jan 2015 17:20

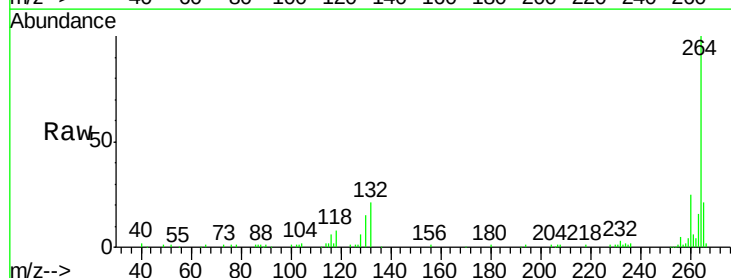
Tgt Ion:264 Resp: 118728

Ion Ratio Lower Upper

264 100

260 25.0 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

