

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077171.D
 Acq On : 3 Feb 2015 20:36
 Operator : TP/IZ
 Sample : G1199-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 02:41:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 01:28:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25584	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	103849	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	50878	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	97867	20.00	ng	0.00
75) Chrysene-d12	21.07	240	103027	20.00	ng	0.00
86) Perylene-d12	22.71	264	90667	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	71326	45.84	ng	0.01
7) Phenol-d6	7.09	99	51081	26.02	ng	0.00
23) Nitrobenzene-d5	8.99	82	159338	85.00	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	59080	143.05	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	350474	104.83	ng	0.00
78) Terphenyl-d14	19.81	244	402952	90.04	ng	0.00

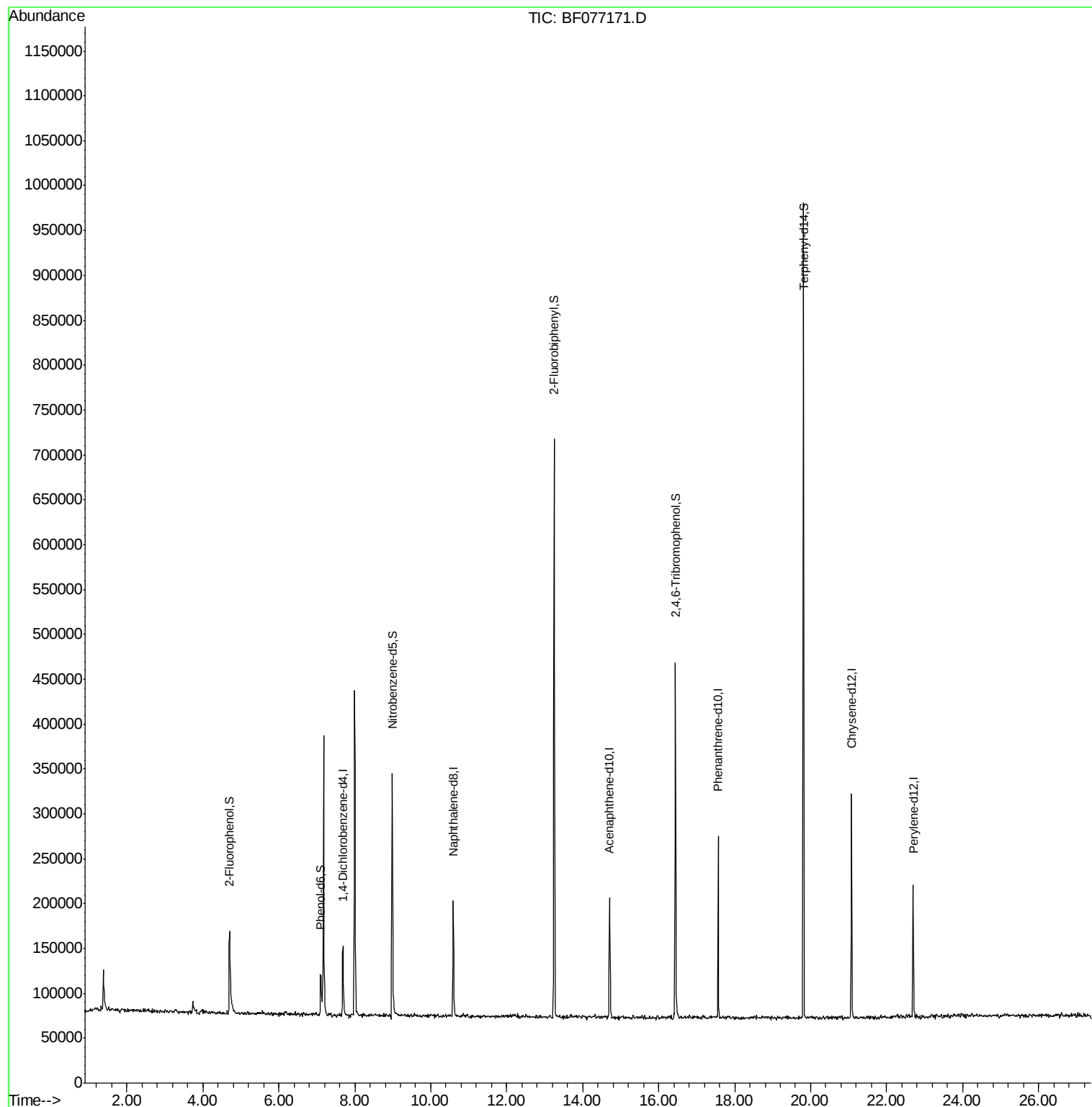
Target Compounds Qvalue

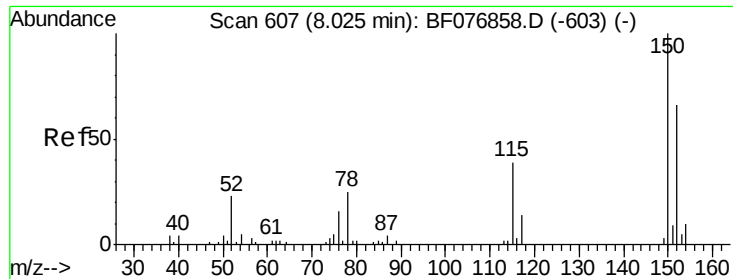
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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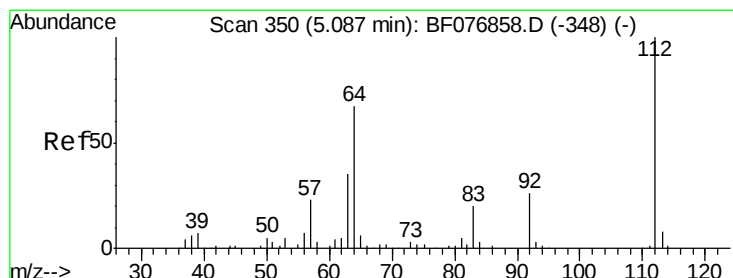
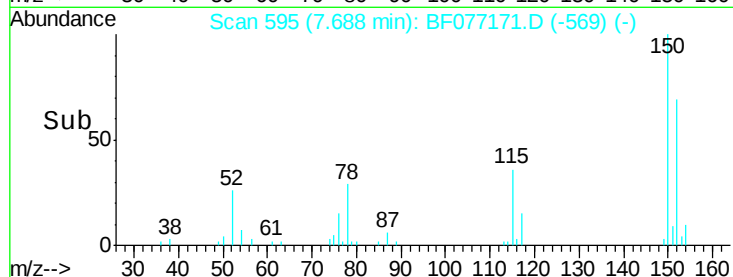
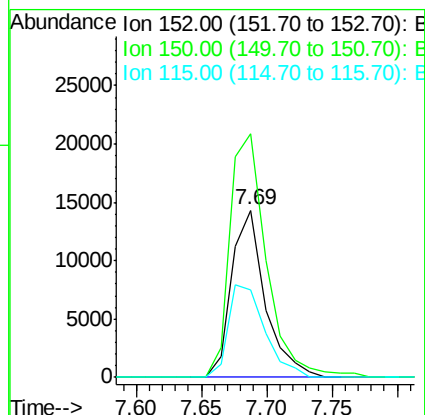
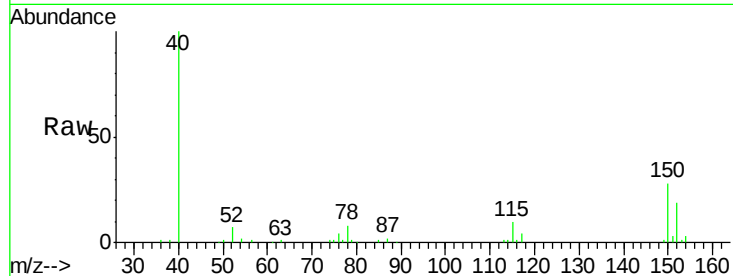


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077171.D
Acq: 3 Feb 2015 20:36

Instrument :
BNA_F
ClientSampleId :

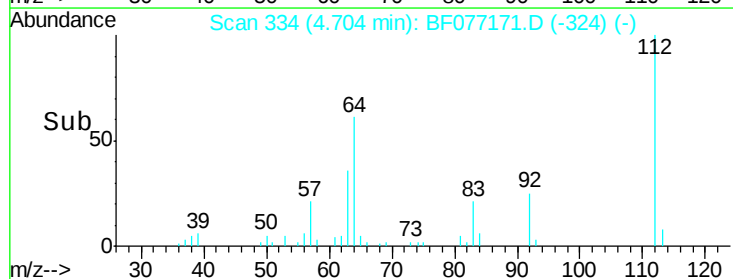
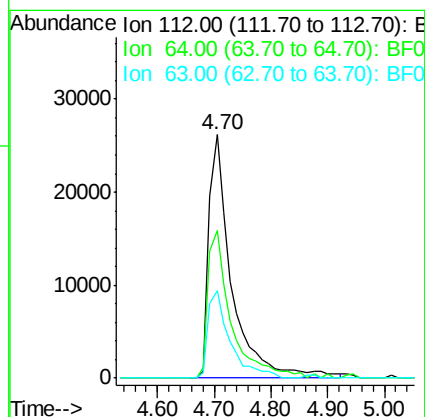
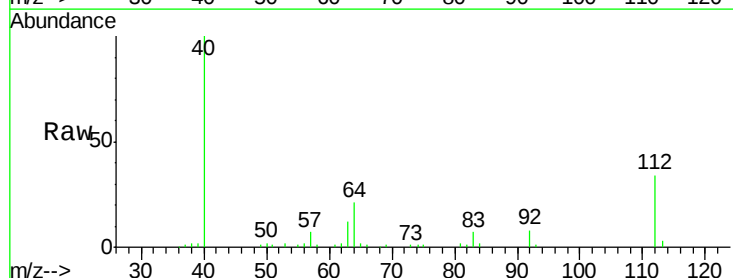
Tot Ion:152 Resp: 25584
Ion Ratio Lower Upper
152 100
150 145.8 121.7 182.5
115 52.6 47.0 70.6

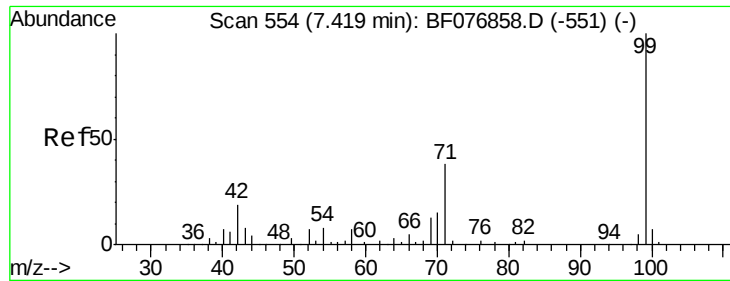


#5

2-Fluorophenol
Concen: 45.84 ng
RT: 4.70 min Scan# 334
Delta R.T. 0.01 min
Lab File: BF077171.D
Acq: 3 Feb 2015 20:36

Tgt Ion:112 Resp: 71326
Ion Ratio Lower Upper
112 100
64 60.6 54.2 81.4
63 35.8 28.4 42.6





#7

Phenol-d6

Concen: 26.02 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077171.D

Acq: 3 Feb 2015 20:36

Instrument :

BNA_F

ClientSampleId :

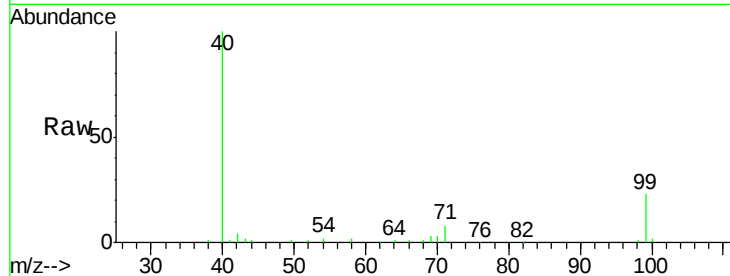
Tot Ion: 99 Resp: 51081

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

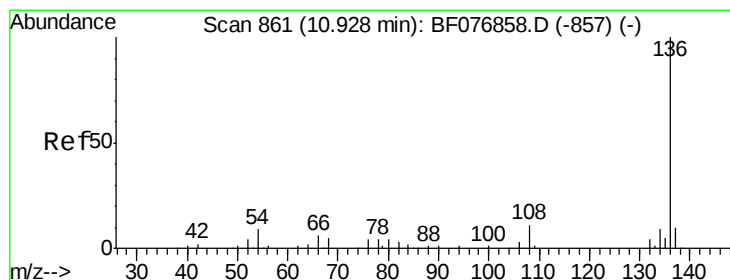
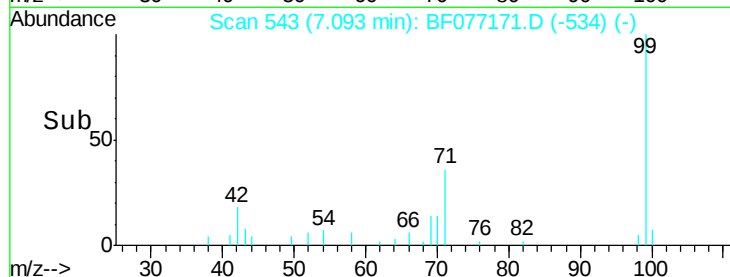
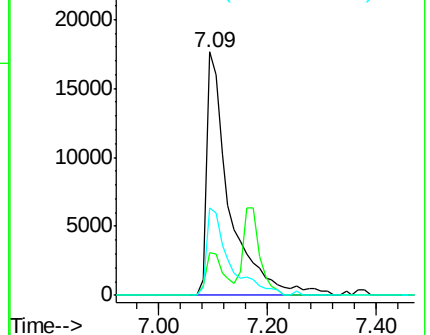
71 36.0 30.5 45.7



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: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077171.D

Acq: 3 Feb 2015 20:36

Tgt Ion: 136 Resp: 103849

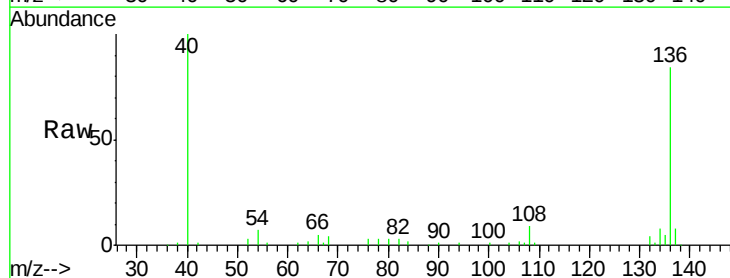
Ion Ratio Lower Upper

136 100

137 9.7 8.1 12.1

54 8.9 7.0 10.4

68 4.3 3.7 5.5

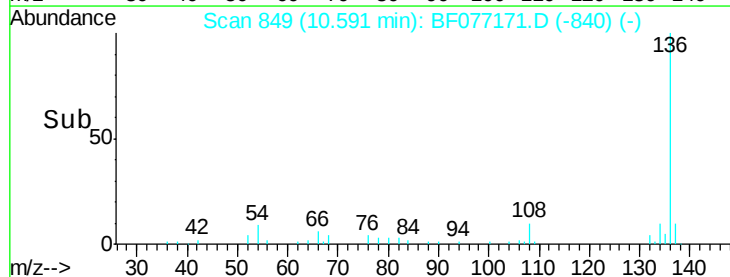
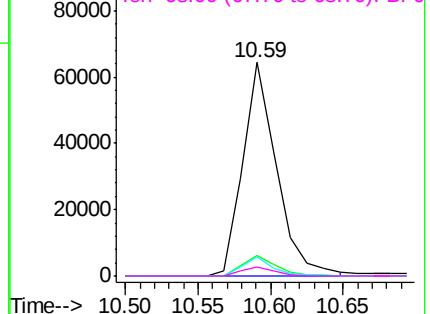


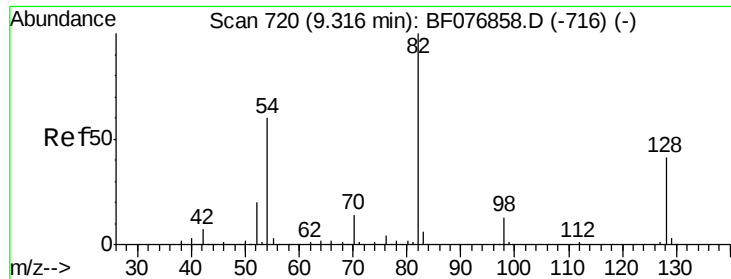
Abundance Ion 136.00 (135.70 to 136.70): E

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

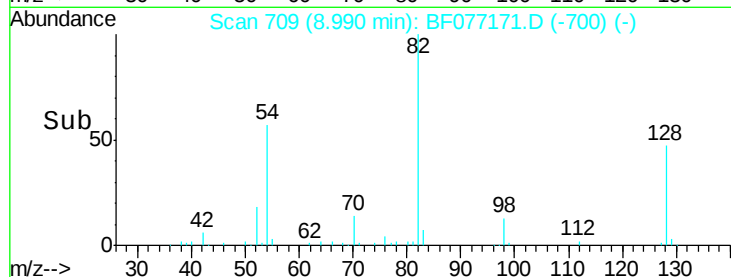
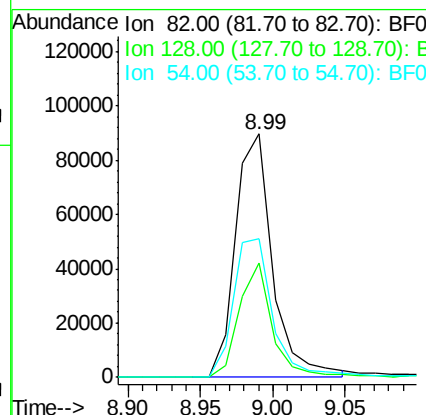
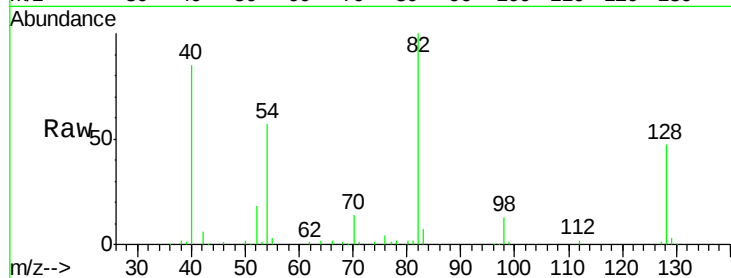




#23
 Nitrobenzene-d5
 Concen: 85.00 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077171.D
 Acq: 3 Feb 2015 20:36

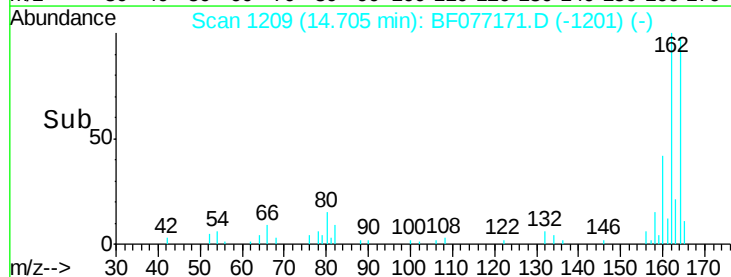
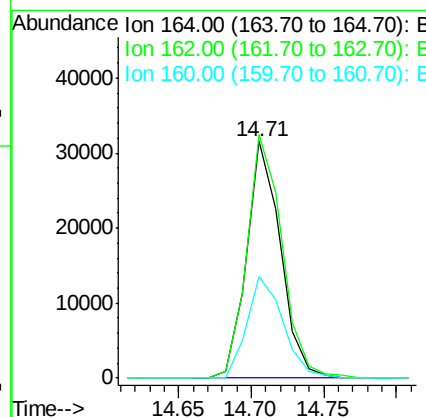
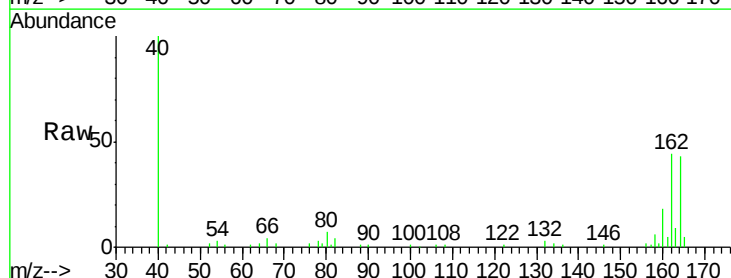
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 159338
 Ion Ratio Lower Upper
 82 100
 128 46.8 33.1 49.7
 54 57.2 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077171.D
 Acq: 3 Feb 2015 20:36

Tgt Ion: 164 Resp: 50878
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.4 123.6
 160 42.8 34.8 52.2

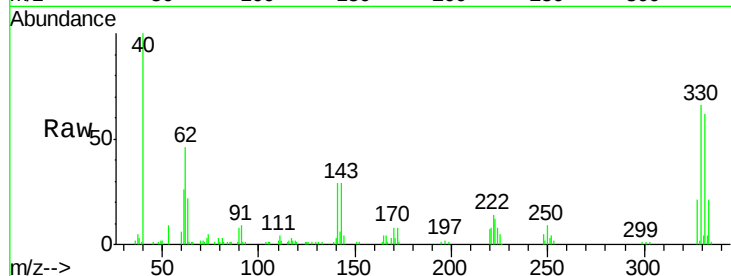




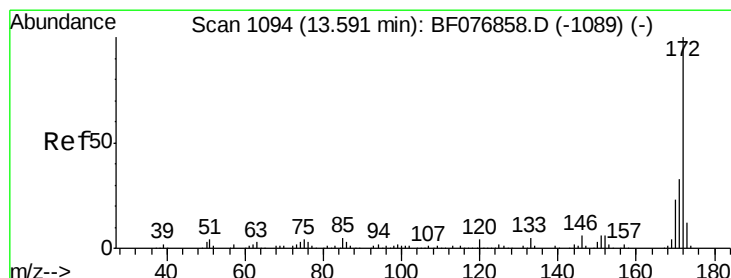
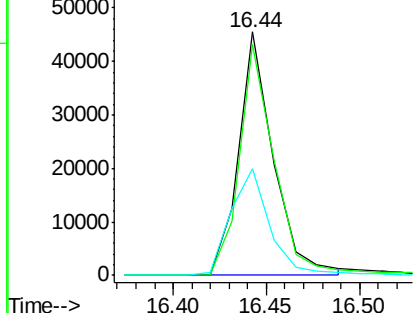
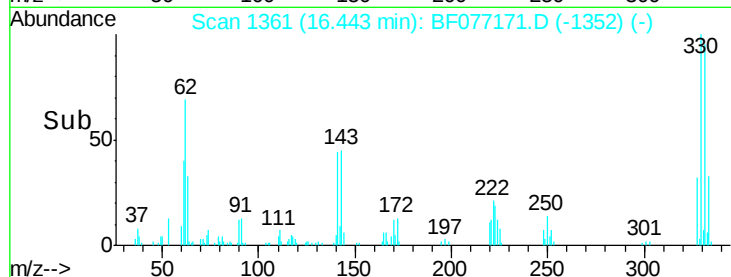
#41
 2,4,6-Tribromophenol
 Concen: 143.05 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077171.D
 Acq: 3 Feb 2015 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 59080
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.8 116.6
 141 49.5 38.5 57.7

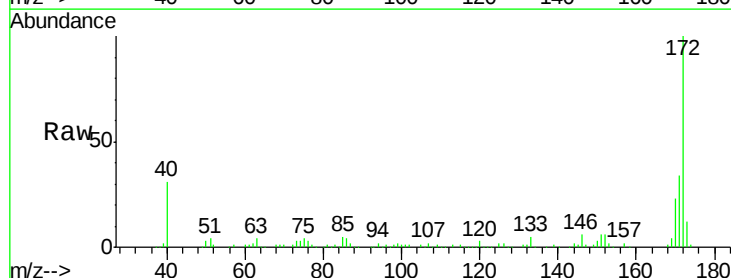


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

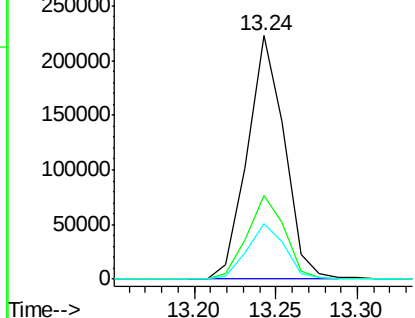
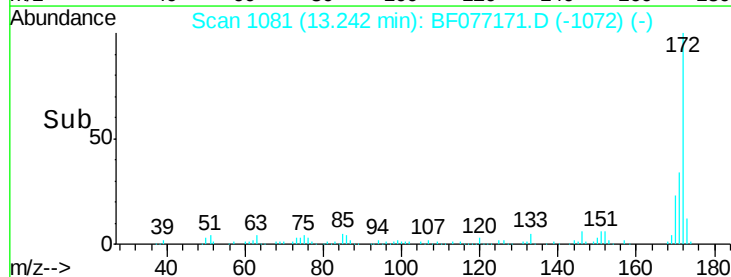


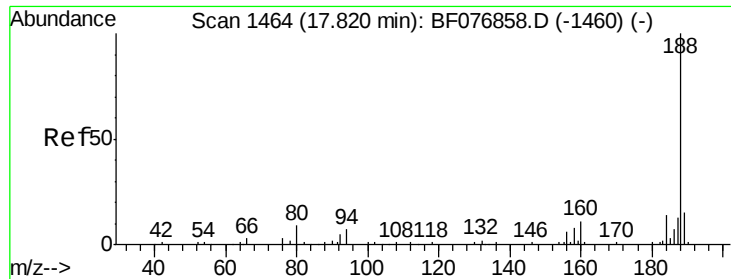
#44
 2-Fluorobiphenyl
 Concen: 104.83 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077171.D
 Acq: 3 Feb 2015 20:36

Tgt Ion:172 Resp: 350474
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.6 40.0
 170 22.6 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: 17.56 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF077171.D

Acq: 3 Feb 2015 20:36

Instrument :

BNA_F

ClientSampled :

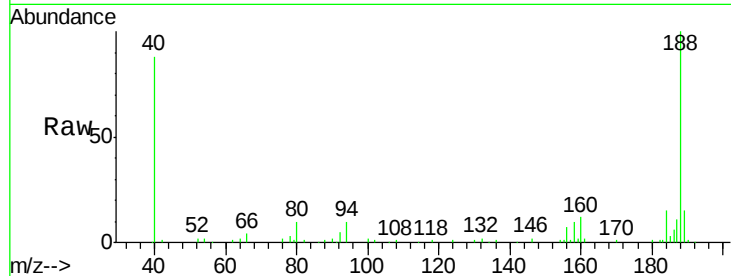
Tot Ion:188 Resp: 97867

Ion Ratio Lower Upper

188 100

94 9.8 6.0 9.0#

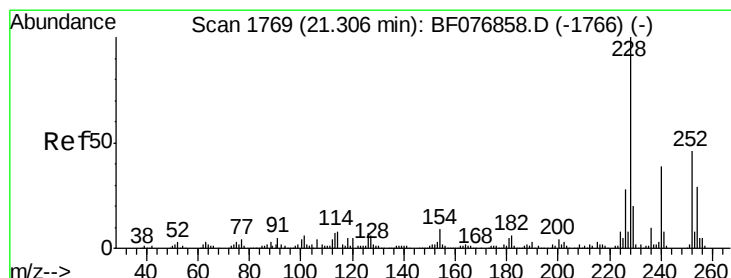
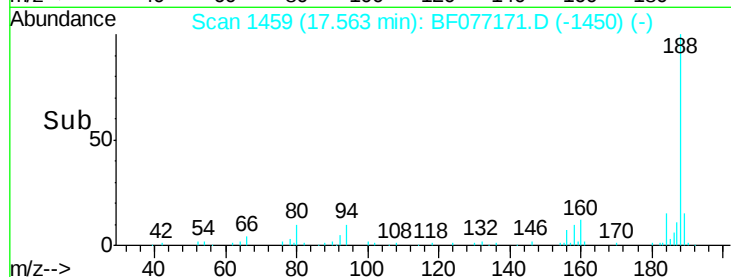
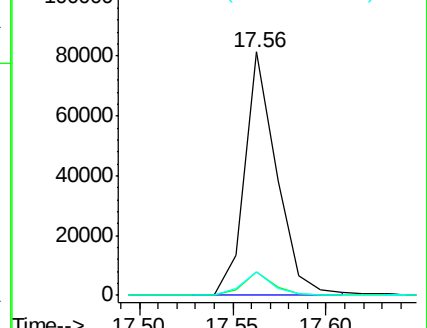
80 9.7 6.9 10.3



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: 21.07 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF077171.D

Acq: 3 Feb 2015 20:36

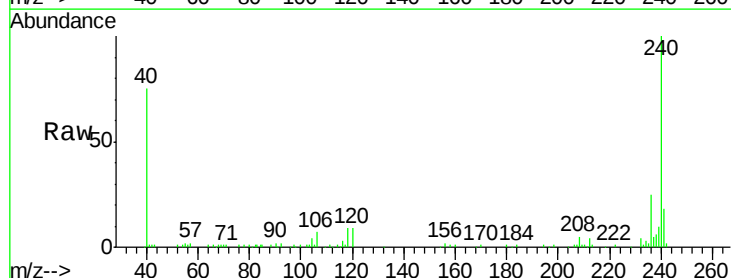
Tgt Ion:240 Resp: 103027

Ion Ratio Lower Upper

240 100

120 8.6 10.4 15.6#

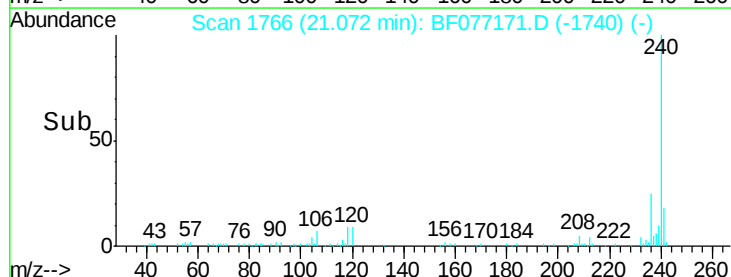
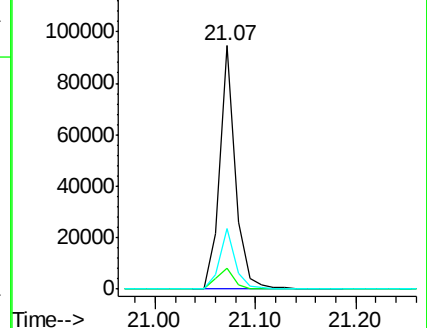
236 24.9 20.2 30.2

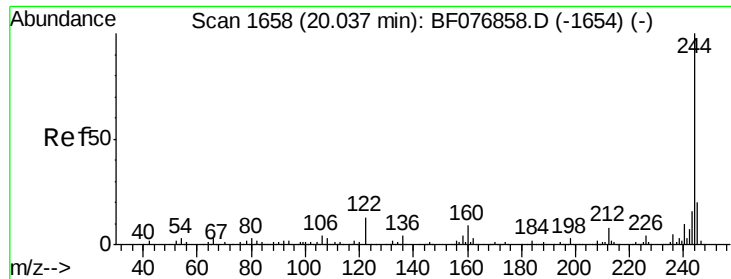


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.04 ng

RT: 19.81 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF077171.D

Acq: 3 Feb 2015 20:36

Instrument :

BNA_F

ClientSampleId :

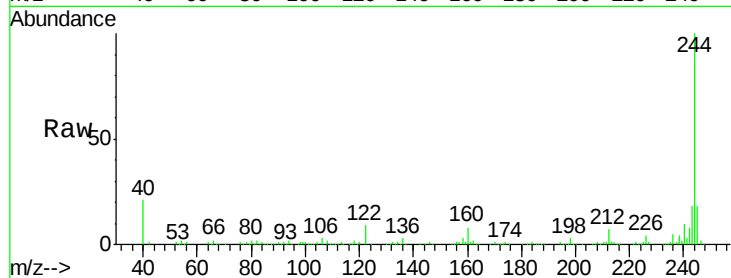
Tot Ion:244 Resp: 402952

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

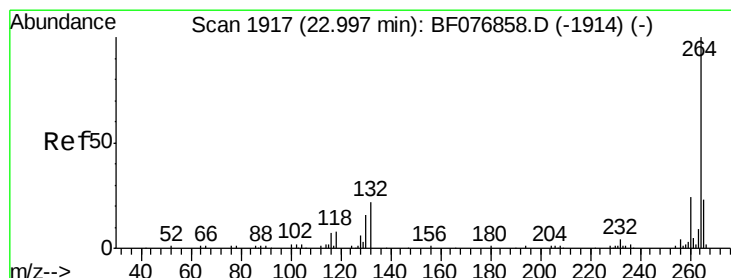
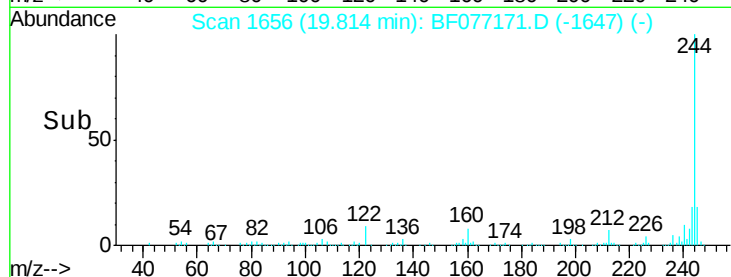
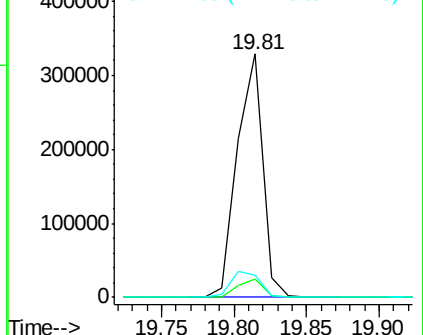
122 8.9 10.1 15.1#



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# 1909

Delta R.T. -0.05 min

Lab File: BF077171.D

Acq: 3 Feb 2015 20:36

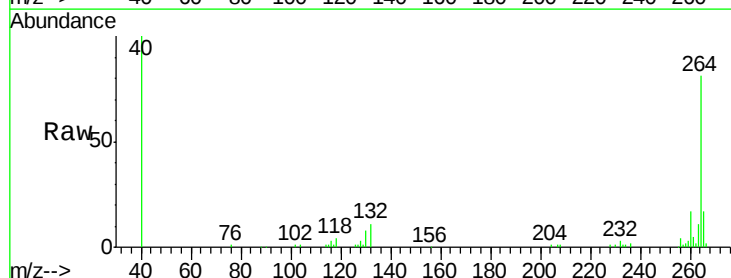
Tgt Ion:264 Resp: 90667

Ion Ratio Lower Upper

264 100

260 21.7 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

