

Data Path : Z:\HPCHEM1\BNA F\Data\BF012615\
 Data File : BF077088.D
 Acq On : 27 Jan 2015 17:02
 Operator : TP/IZ
 Sample : PB81511TB
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 03:18:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 02:59:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	25425	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	107705	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	52746	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	101874	20.00	ng	0.00
75) Chrysene-d12	21.15	240	98218	20.00	ng	-0.01
86) Perylene-d12	22.91	264	91659	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	171964	111.20	ng	0.00
7) Phenol-d6	7.18	99	211506	108.42	ng	0.00
23) Nitrobenzene-d5	9.06	82	127934	65.81	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	50371	117.65	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	263260	75.95	ng	0.00
78) Terphenyl-d14	19.88	244	298034	69.86	ng	0.00

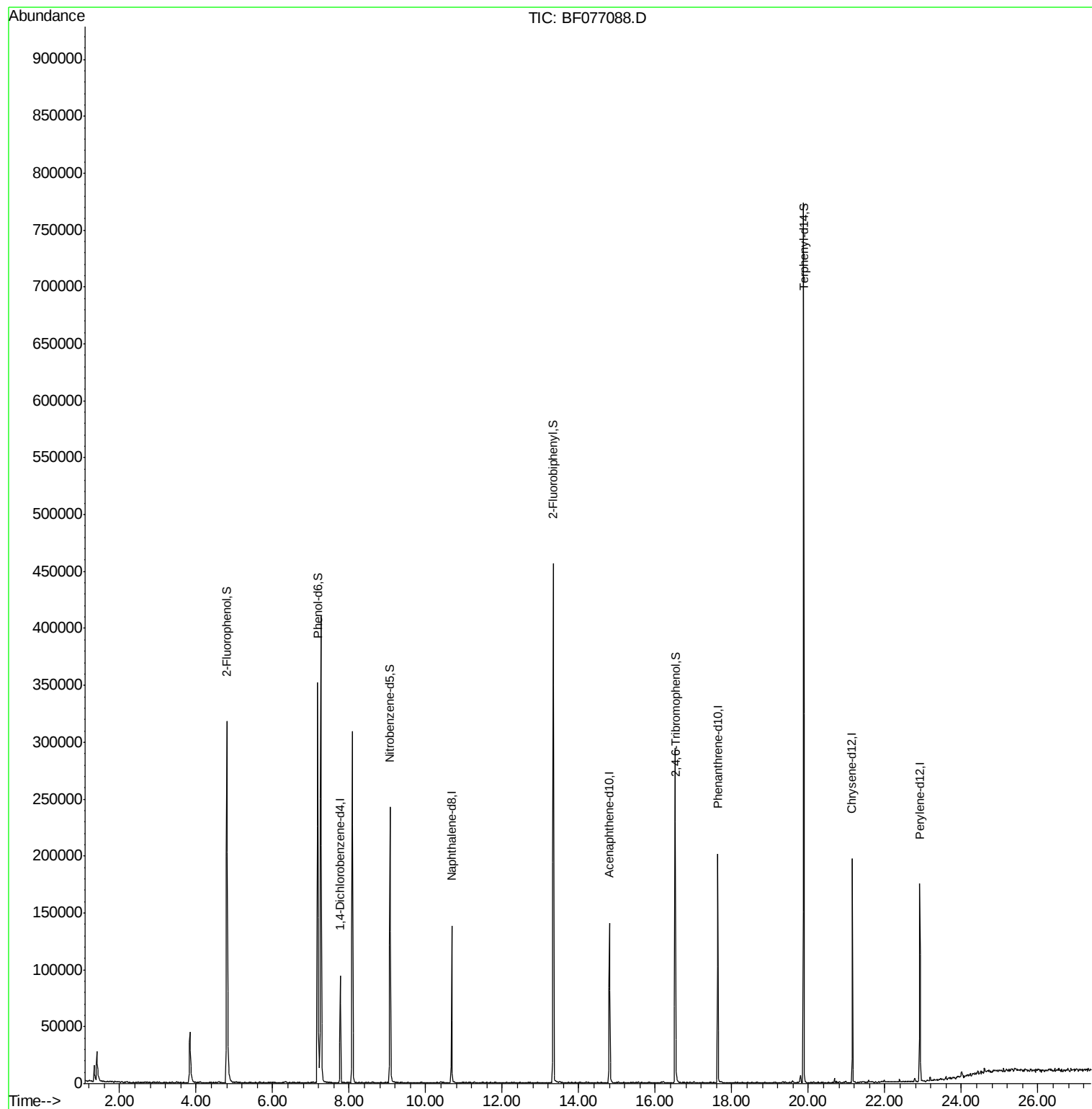
Target Compounds Qvalue

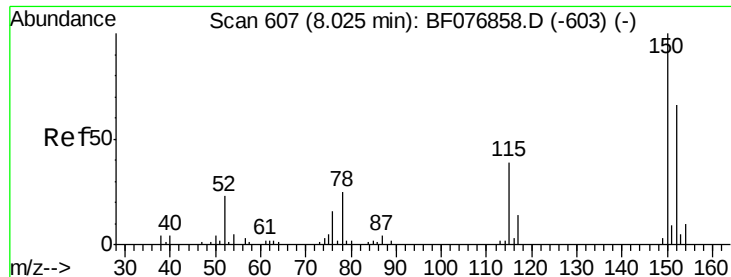
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF012615\
Data File : BF077088.D
Acq On : 27 Jan 2015 17:02
Operator : TP/IZ
Sample : PB81511TB
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 28 03:18:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 02:59:18 2015
Response via : Initial Calibration



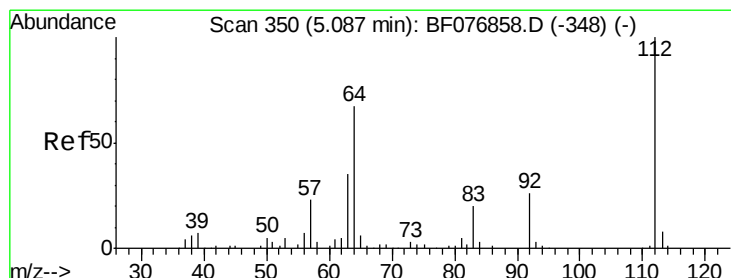
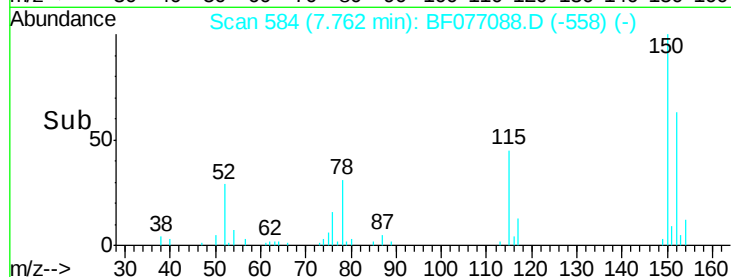
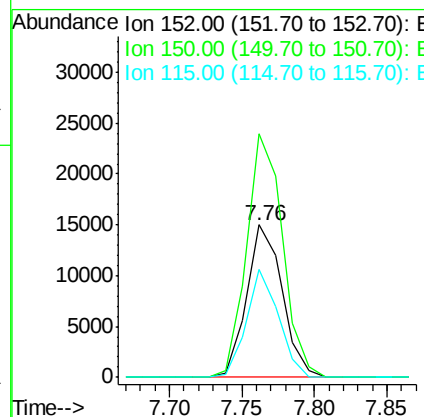
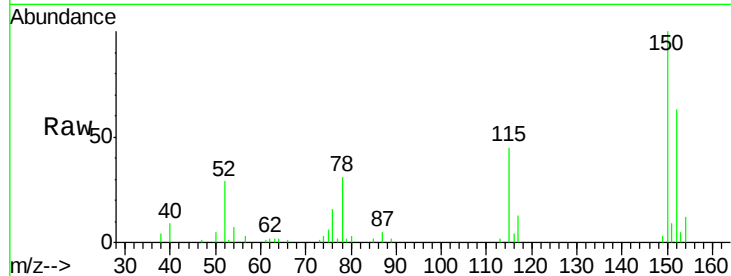


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077088.D
Acq: 27 Jan 2015 17:02

Instrument :
BNA_F
ClientSampleId :

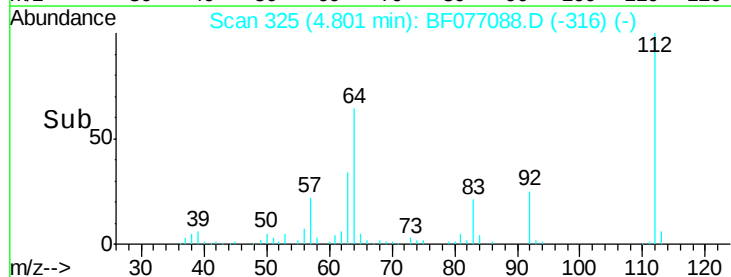
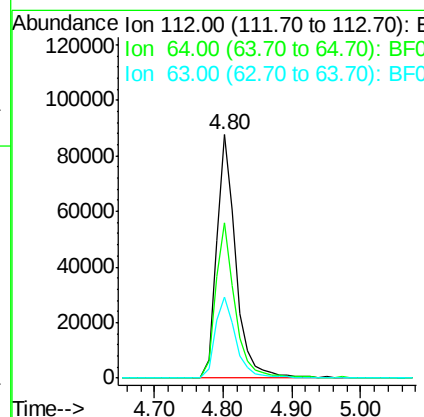
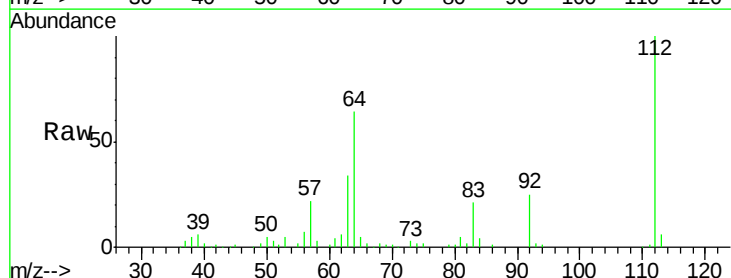
Tot Ion:152 Resp: 25425
Ion Ratio Lower Upper
152 100
150 159.8 121.7 182.5
115 71.1 47.0 70.6#

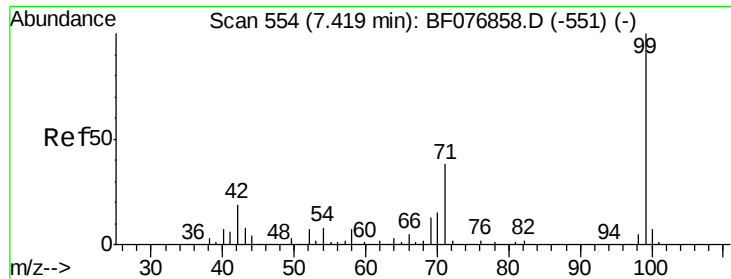


#5

2-Fluorophenol
Concen: 111.20 ng
RT: 4.80 min Scan# 325
Delta R.T. -0.00 min
Lab File: BF077088.D
Acq: 27 Jan 2015 17:02

Tgt Ion:112 Resp: 171964
Ion Ratio Lower Upper
112 100
64 63.6 54.2 81.4
63 33.5 28.4 42.6





#7

Phenol-d6

Concen: 108.42 ng

RT: 7.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

Instrument :

BNA_F

ClientSampleId :

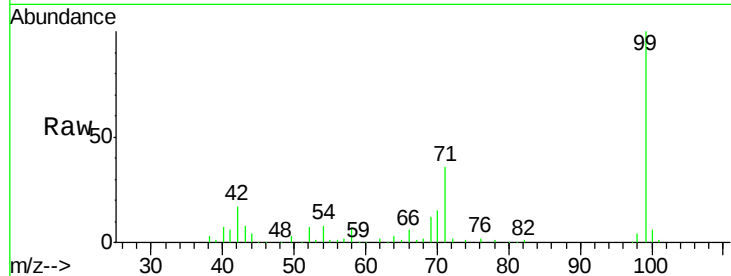
Tot Ion: 99 Resp: 211506

Ion Ratio Lower Upper

99 100

42 17.0 15.0 22.4

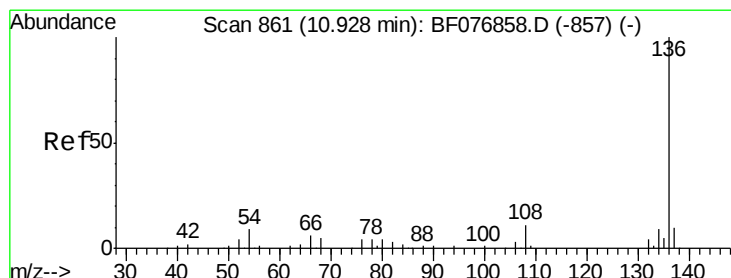
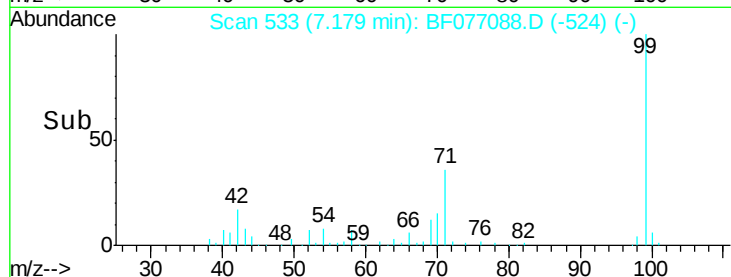
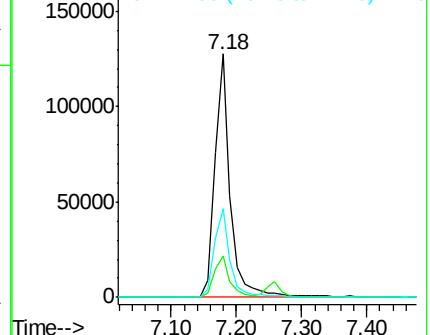
71 36.4 30.5 45.7



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: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

Tgt Ion: 136 Resp: 107705

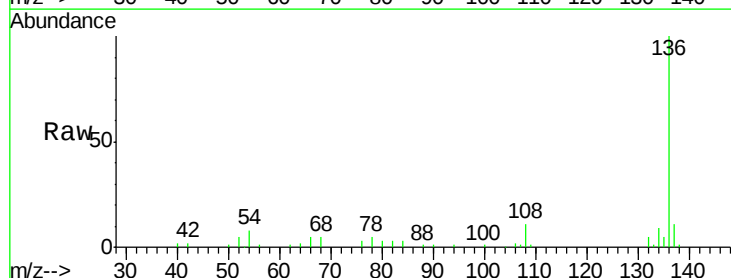
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 7.5 7.0 10.4

68 4.7 3.7 5.5

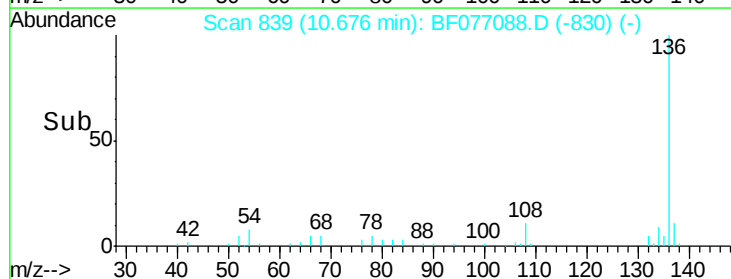
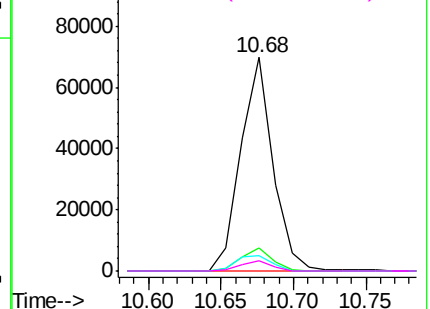


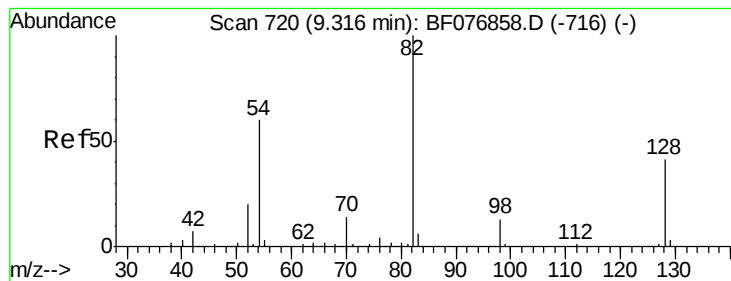
Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.81 ng

RT: 9.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

Instrument :

BNA_F

ClientSampleId :

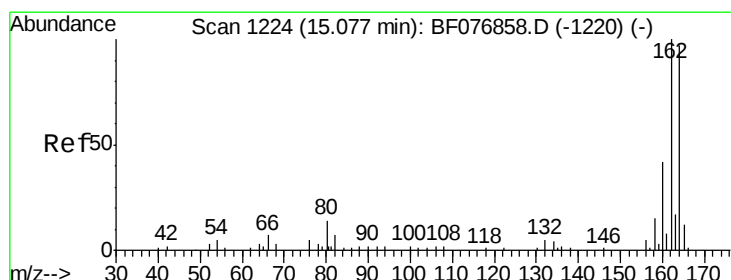
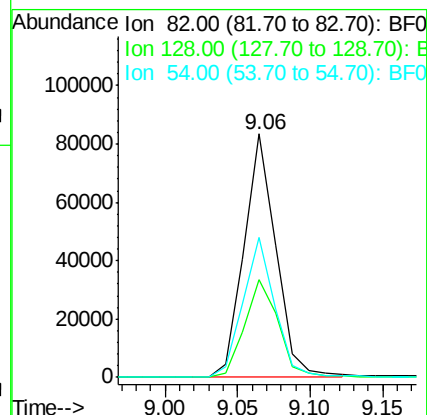
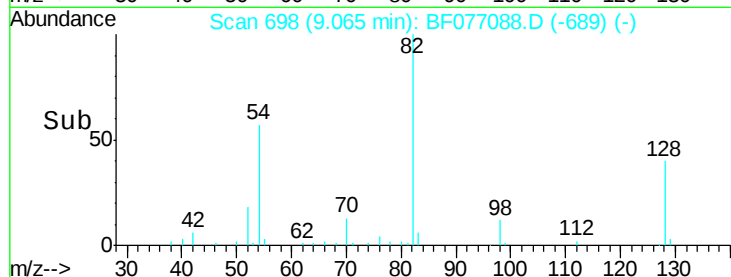
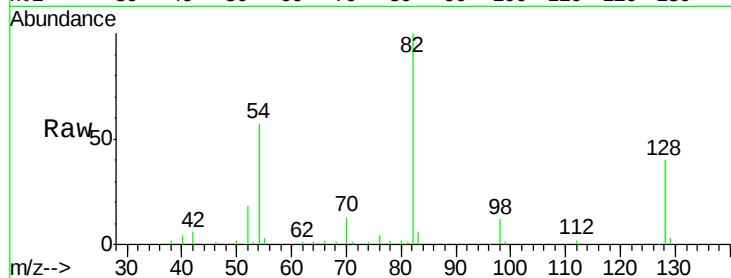
Tot Ion: 82 Resp: 127934

Ion Ratio Lower Upper

82 100

128 40.4 33.1 49.7

54 57.4 48.3 72.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF077088.D

Acq: 27 Jan 2015 17:02

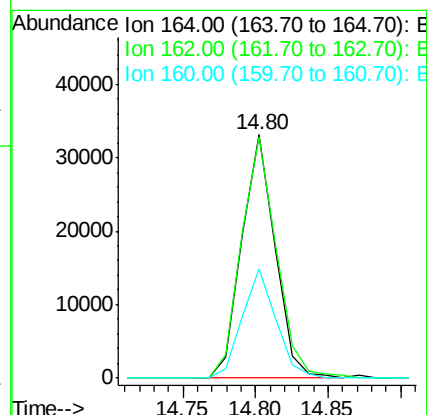
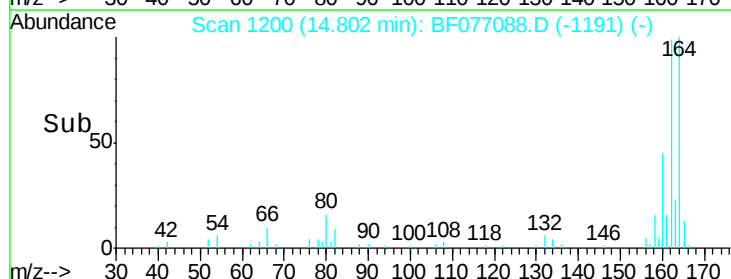
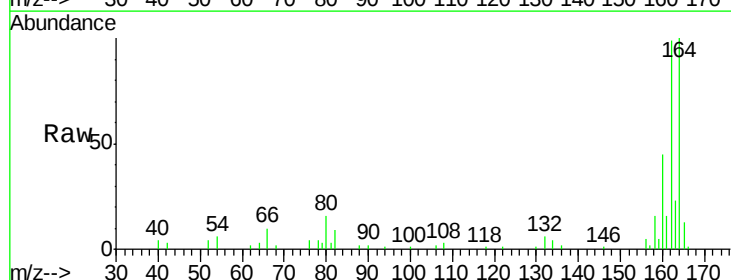
Tgt Ion: 164 Resp: 52746

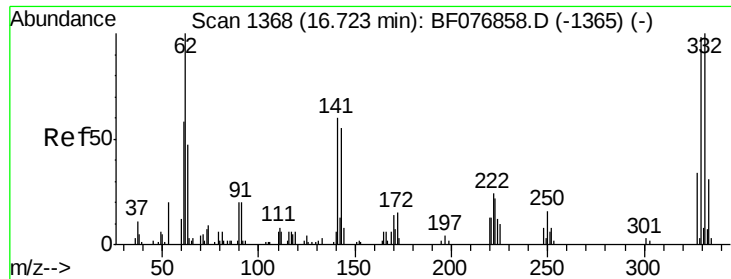
Ion Ratio Lower Upper

164 100

162 99.1 82.4 123.6

160 44.8 34.8 52.2

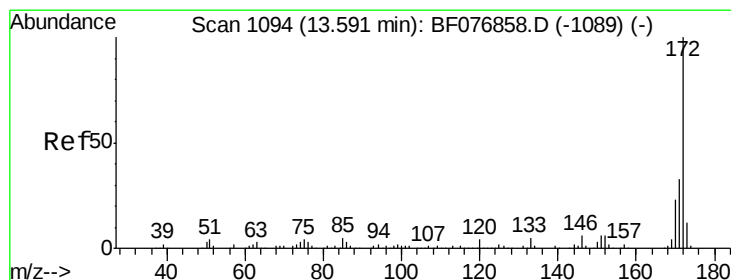
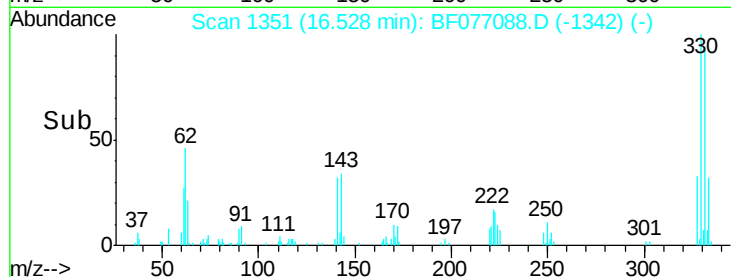
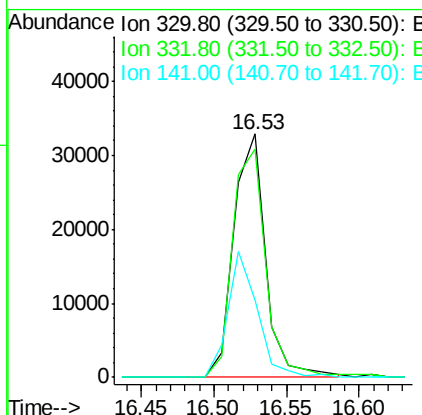
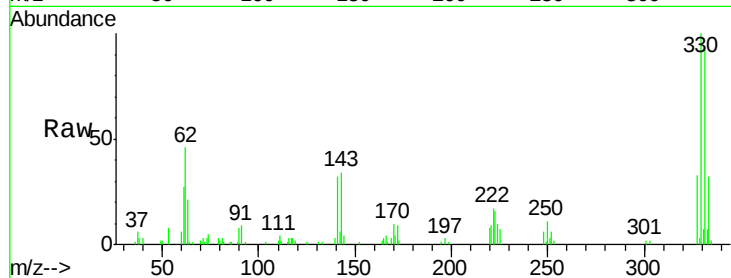




#41
 2,4,6-Tribromophenol
 Concen: 117.65 ng
 RT: 16.53 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF077088.D
 Acq: 27 Jan 2015 17:02

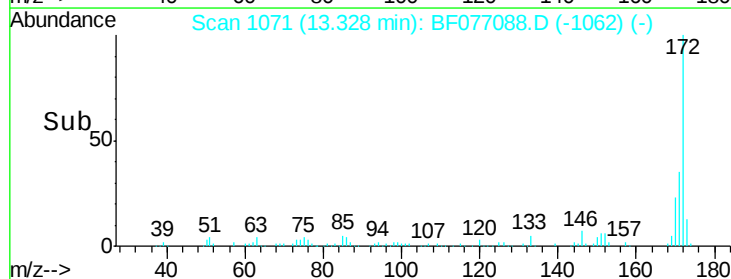
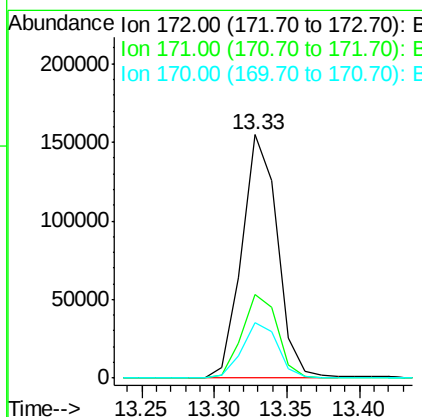
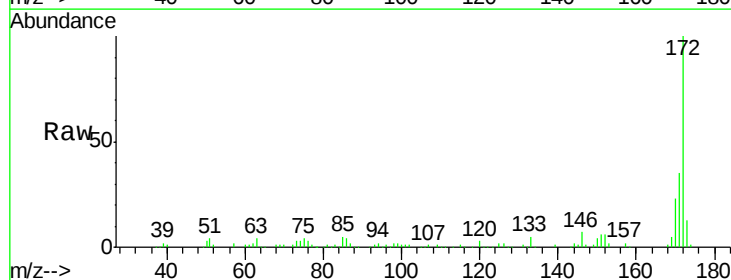
Instrument :
 BNA_F
 ClientSampleId :

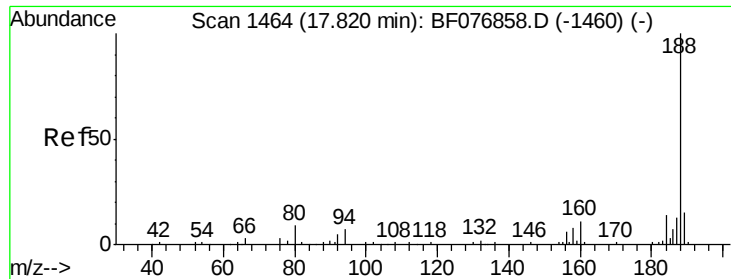
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	47.9	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 75.95 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF077088.D
 Acq: 27 Jan 2015 17:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.6	40.0
170	22.9	18.0	27.0

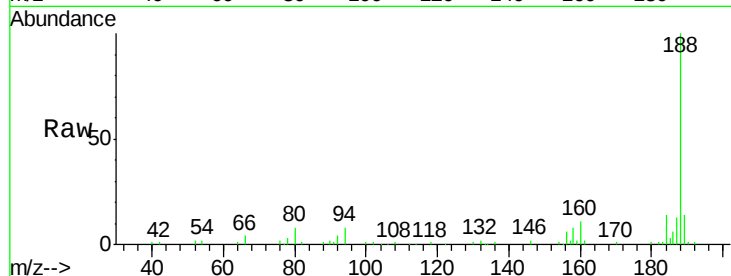




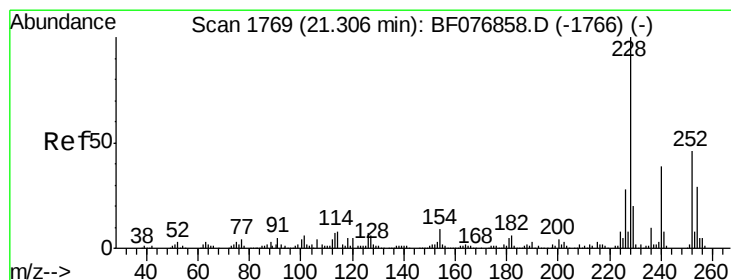
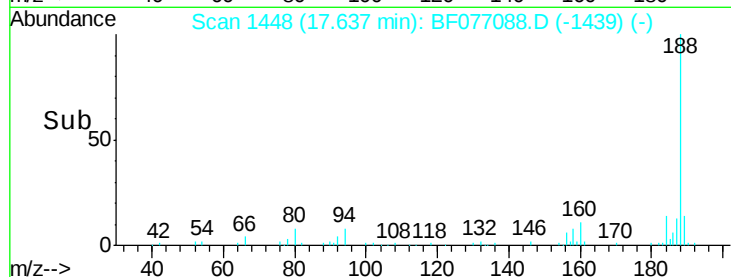
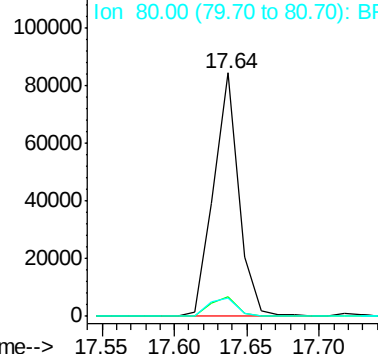
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077088.D
Acq: 27 Jan 2015 17:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 101874
Ion Ratio Lower Upper
188 100
94 8.3 6.0 9.0
80 7.8 6.9 10.3

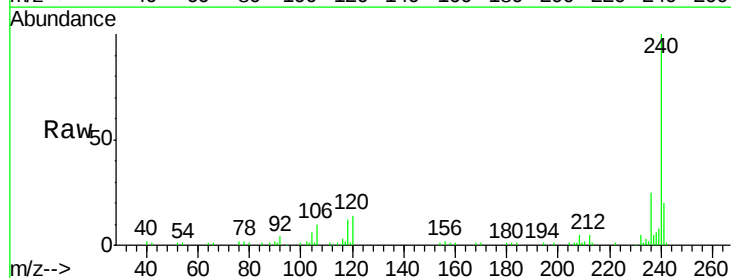


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

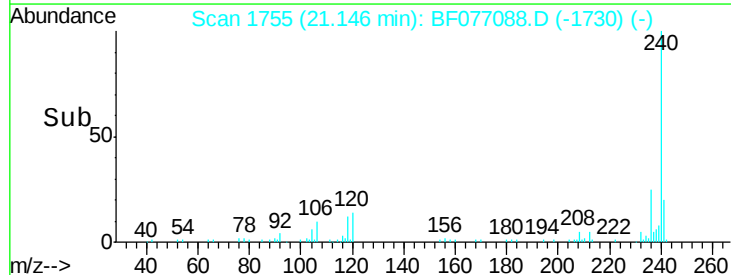
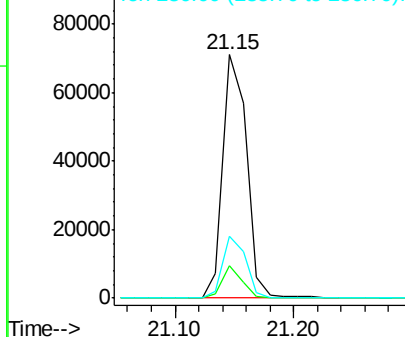


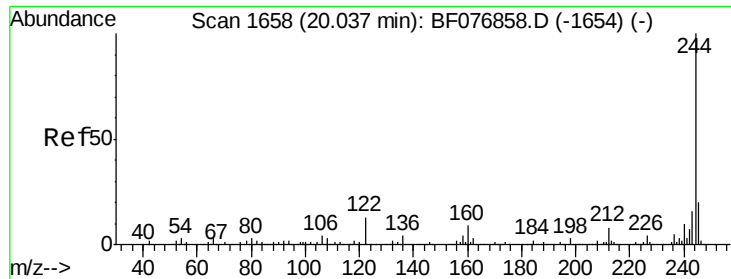
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077088.D
Acq: 27 Jan 2015 17:02

Tgt Ion:240 Resp: 98218
Ion Ratio Lower Upper
240 100
120 13.6 10.4 15.6
236 25.2 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

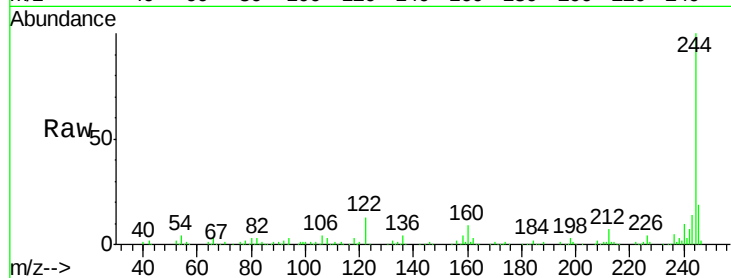




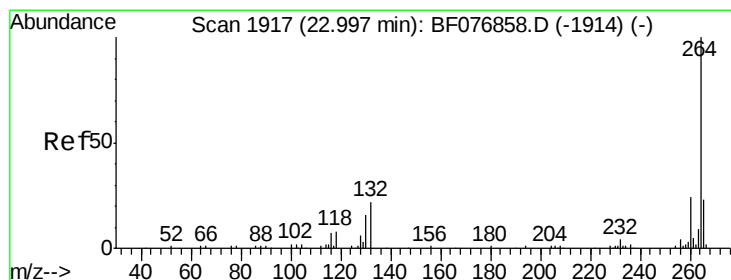
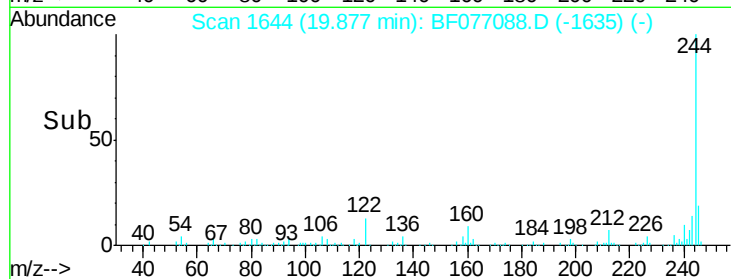
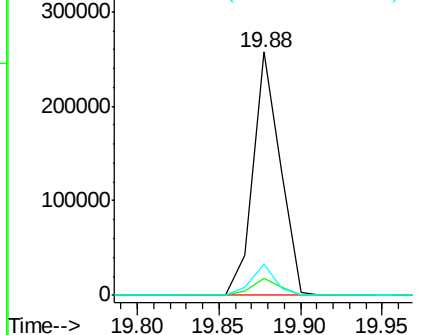
#78
 Terphenyl-d14
 Concen: 69.86 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077088.D
 Acq: 27 Jan 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 298034
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 13.0 10.1 15.1

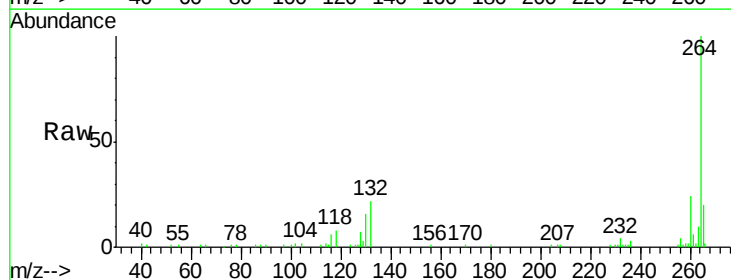


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.91 min Scan# 1909
 Delta R.T. -0.06 min
 Lab File: BF077088.D
 Acq: 27 Jan 2015 17:02

Tgt Ion:264 Resp: 91659
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 20.4 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

