

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077811.D
 Acq On : 19 Mar 2015 00:27
 Operator : TP/IZ
 Sample : PB82148BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BL

Quant Time: Mar 19 04:35:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	59986	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	241521	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	123588	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	258139	20.00	ng	0.00
75) Chrysene-d12	16.03	240	285470	20.00	ng	0.00
86) Perylene-d12	17.76	264	276166	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	295729	86.05	ng	0.01
7) Phenol-d6	6.73	99	380631	89.65	ng	0.00
23) Nitrobenzene-d5	7.85	82	199514	54.15	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	84865	71.77	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	442131	52.57	ng	-0.01
78) Terphenyl-d14	14.74	244	541816	46.36	ng	0.00

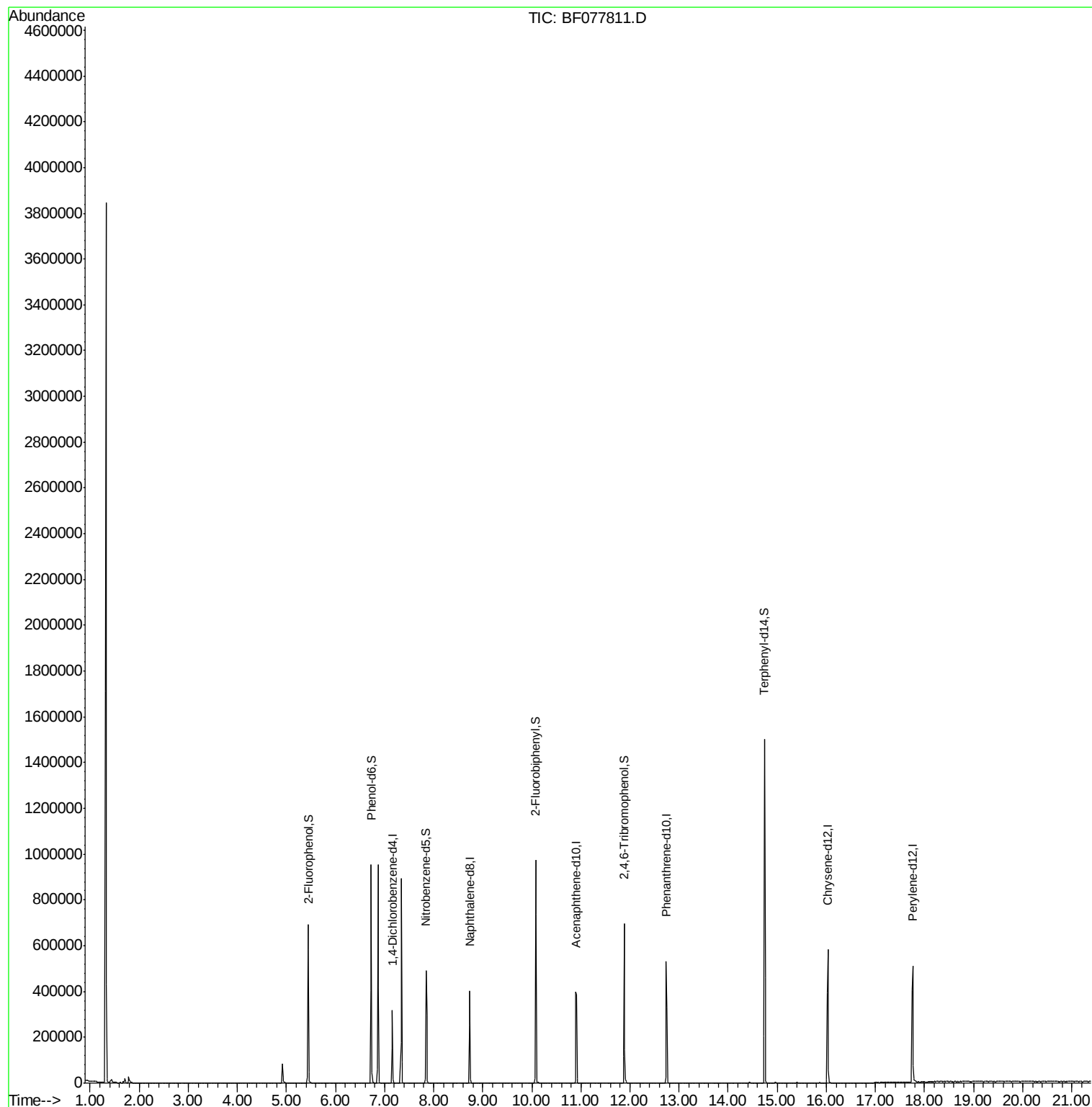
Target Compounds Qvalue

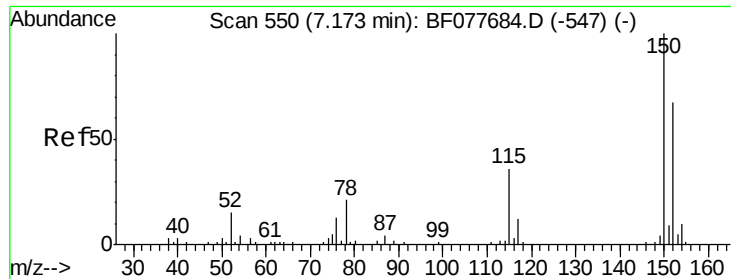
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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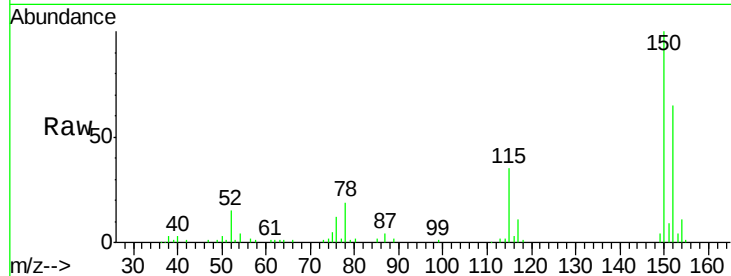


#1

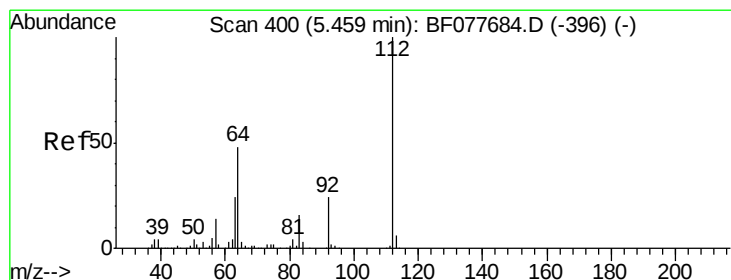
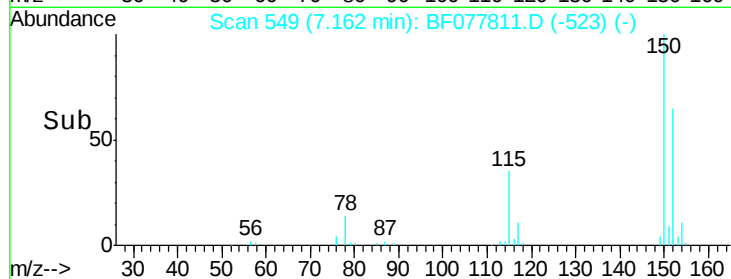
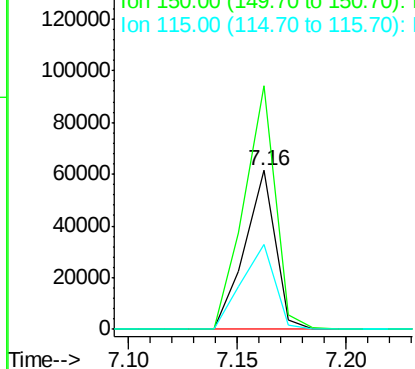
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077811.D
Acq: 19 Mar 2015 00:27

Instrument :
BNA_F
ClientSampleId :
PB82148BL

Tot Ion:152 Resp: 59986
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 53.8 43.0 64.4



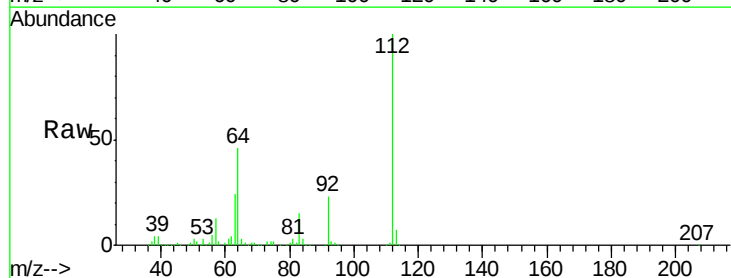
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



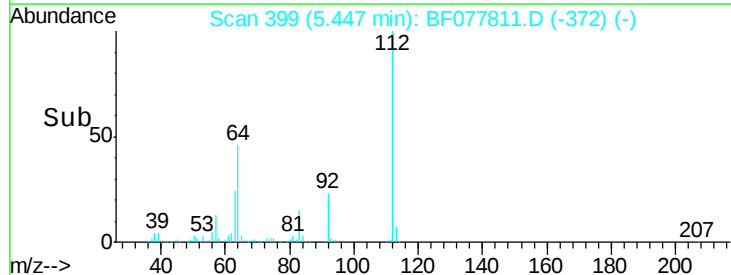
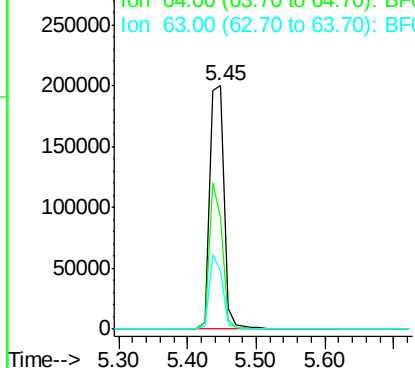
#5

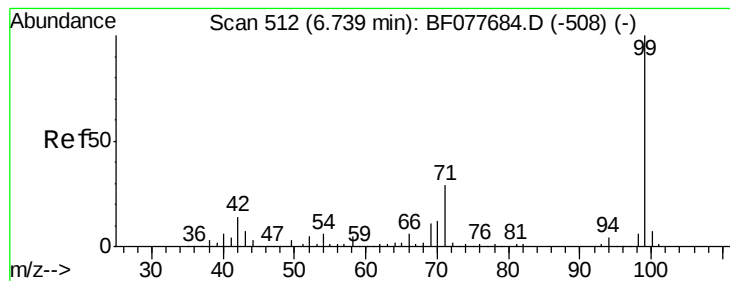
2-Fluorophenol
Concen: 86.05 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077811.D
Acq: 19 Mar 2015 00:27

Tgt Ion:112 Resp: 295729
Ion Ratio Lower Upper
112 100
64 45.8 38.6 57.8
63 23.7 19.3 28.9



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: 89.65 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB82148BL

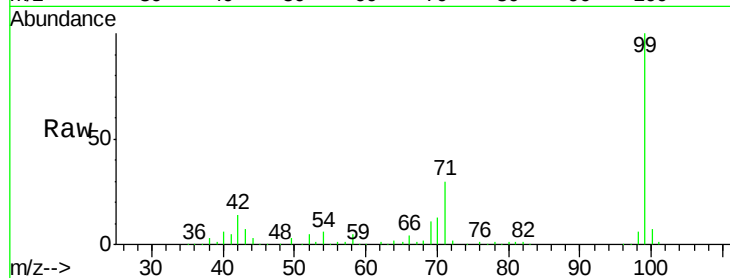
Tot Ion: 99 Resp: 380631

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

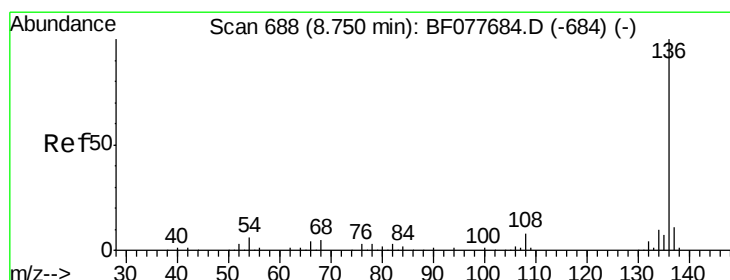
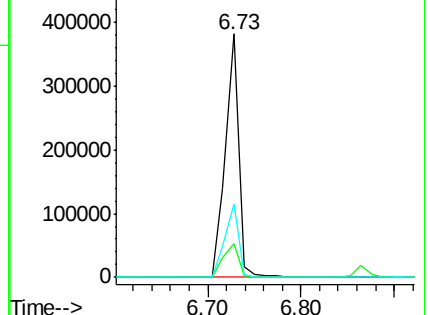
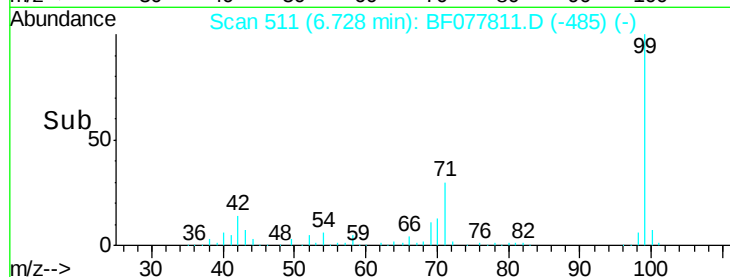
71 29.9 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

Tgt Ion: 136 Resp: 241521

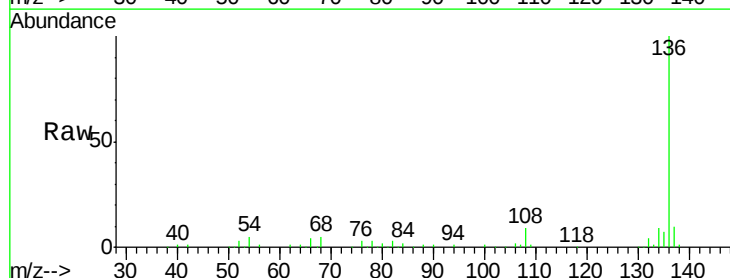
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.4 4.6 6.8

68 4.7 3.7 5.5

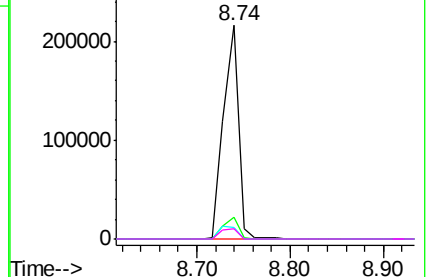
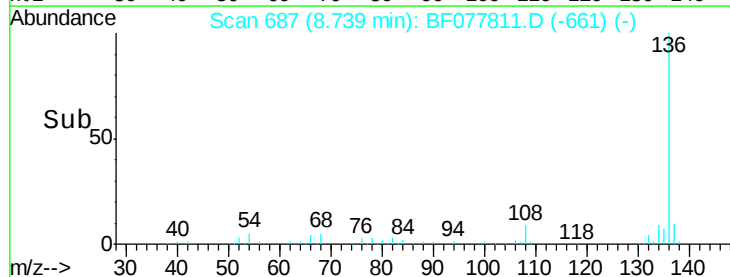


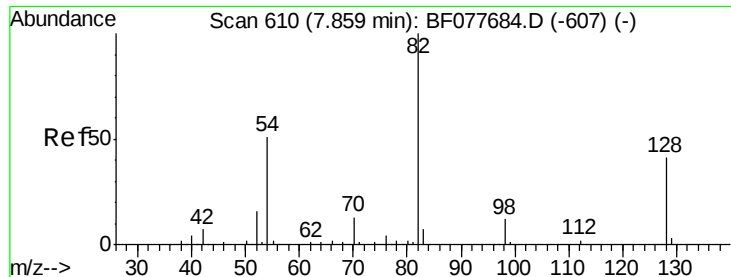
Abundance Ion 136.00 (135.70 to 136.70): E

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

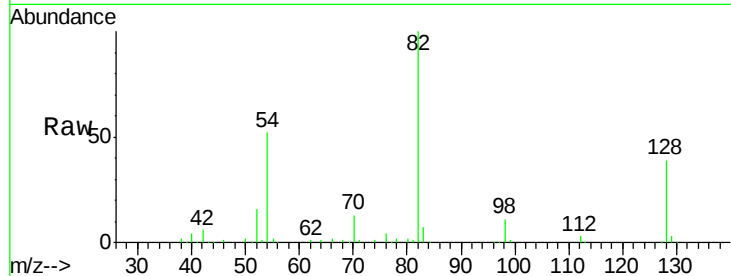




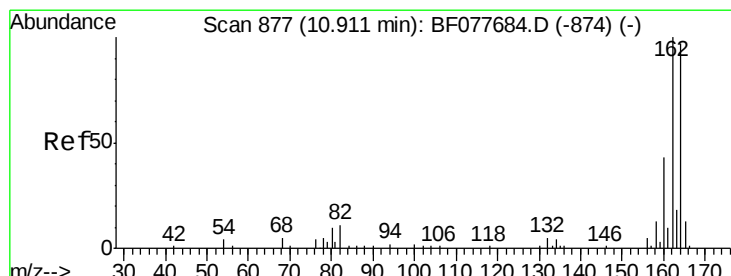
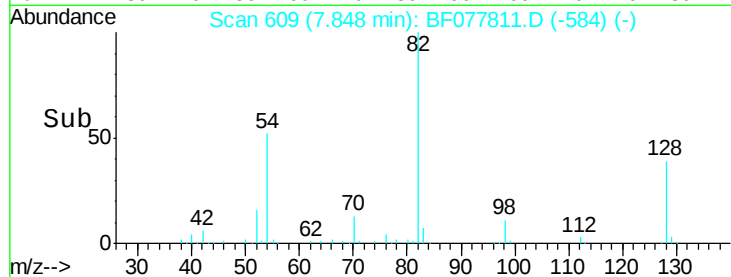
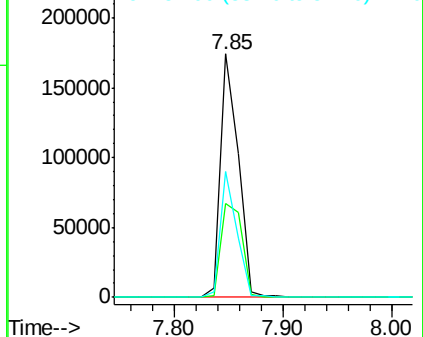
#23
 Nitrobenzene-d5
 Concen: 54.15 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077811.D
 Acq: 19 Mar 2015 00:27

Instrument :
 BNA_F
 ClientSampleID :
 PB82148BL

Tot Ion	82	Resp	199514
Ion Ratio	100	Lower	Upper
128	38.6	32.8	49.2
54	51.6	40.6	60.8

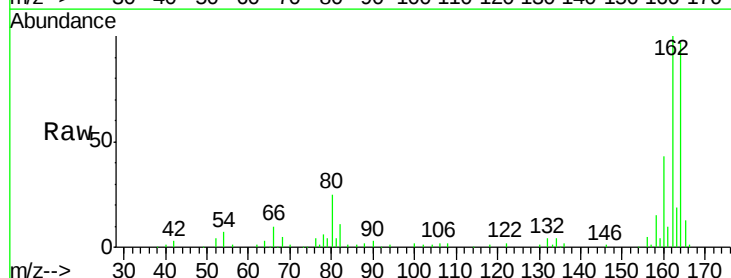


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

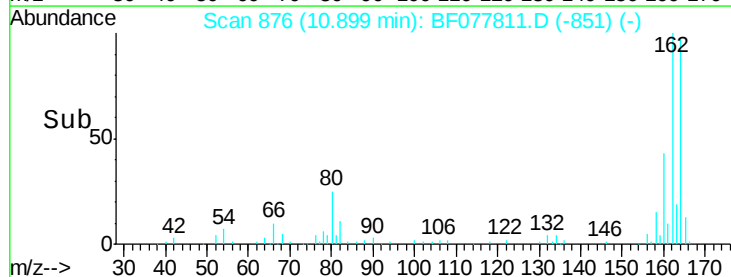
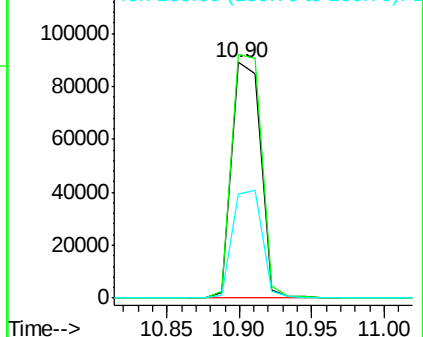


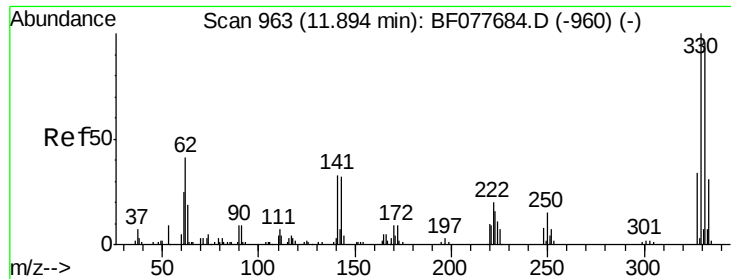
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF077811.D
 Acq: 19 Mar 2015 00:27

Tgt Ion	164	Resp	123588
Ion Ratio	100	Lower	Upper
162	103.3	82.4	123.6
160	44.4	35.8	53.6



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

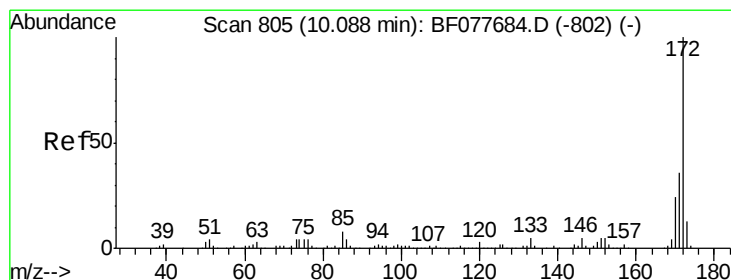
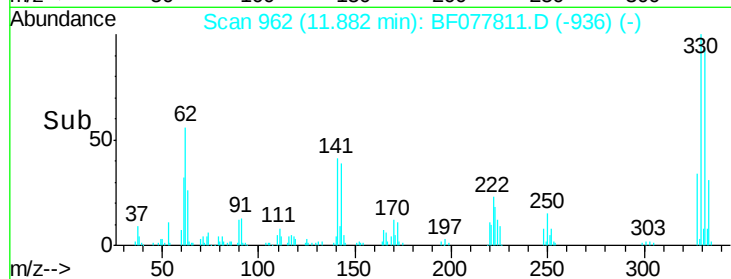
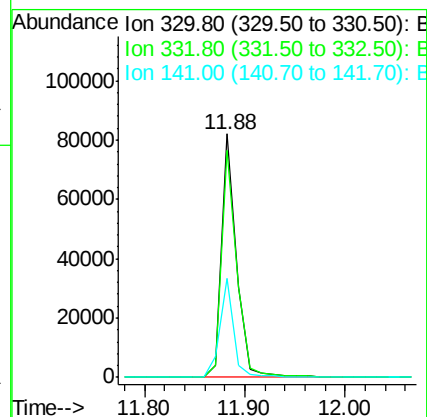
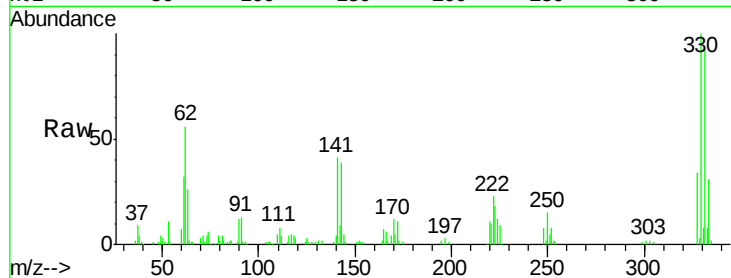




#41
 2,4,6-Tribromophenol
 Concen: 71.77 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077811.D
 Acq: 19 Mar 2015 00:27

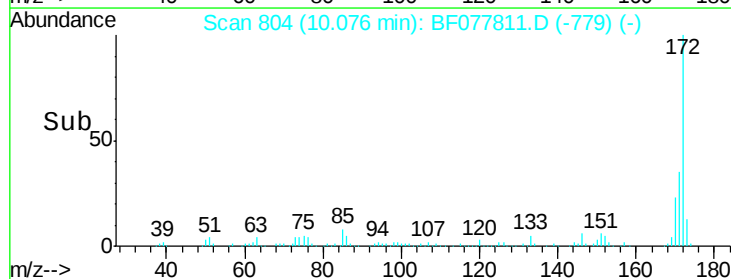
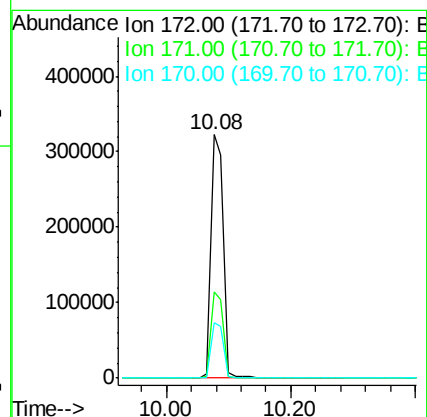
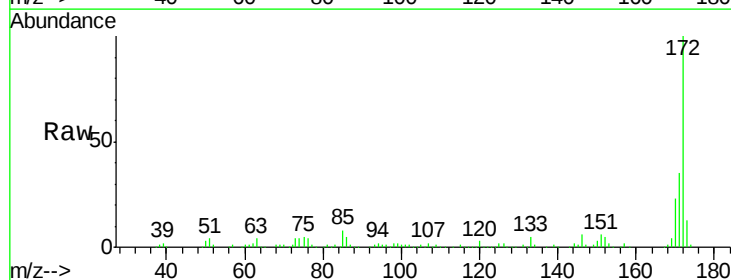
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BL

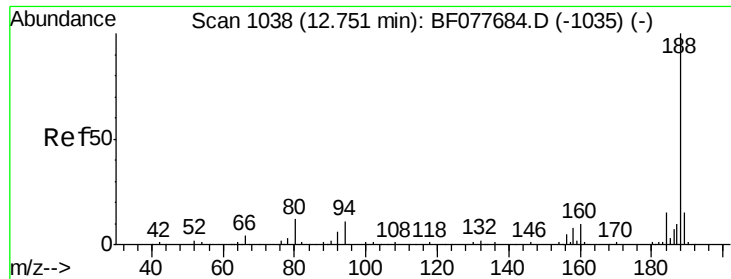
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	37.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 52.57 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF077811.D
 Acq: 19 Mar 2015 00:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.7	18.8	28.2

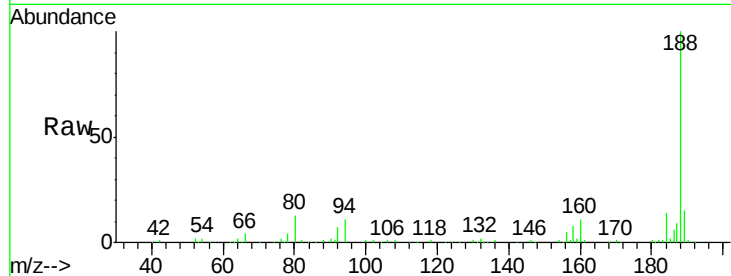




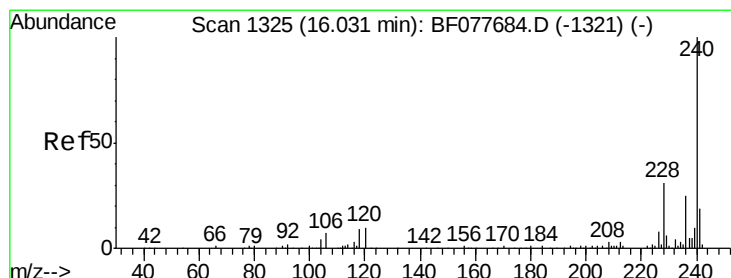
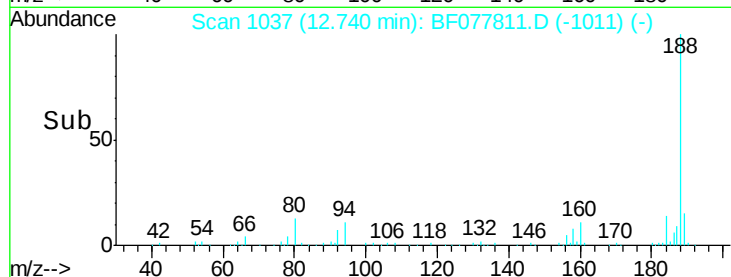
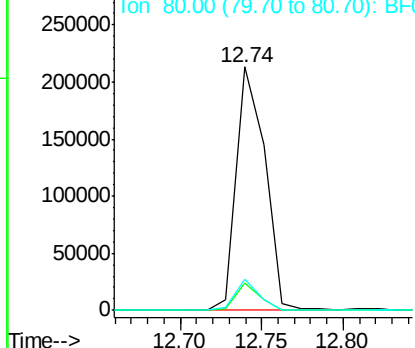
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077811.D
Acq: 19 Mar 2015 00:27

Instrument :
BNA_F
ClientSampled :
PB82148BL

Tot Ion:188 Resp: 258139
Ion Ratio Lower Upper
188 100
94 11.5 8.7 13.1
80 12.7 9.3 13.9

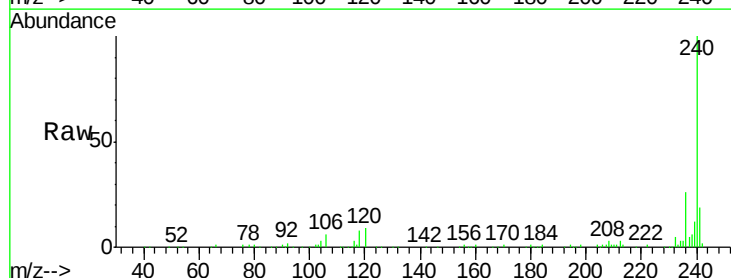


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

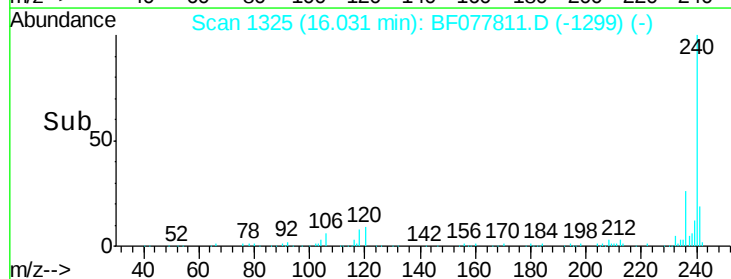
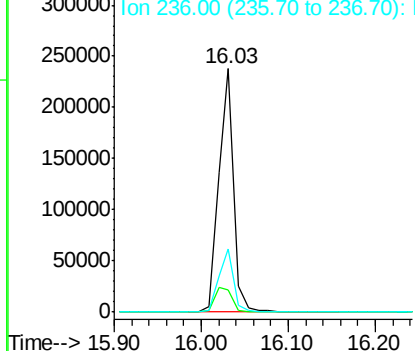


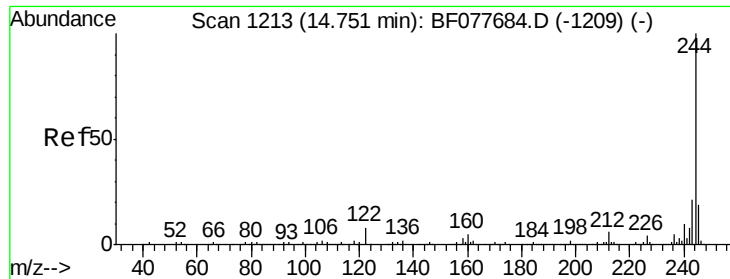
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077811.D
Acq: 19 Mar 2015 00:27

Tgt Ion:240 Resp: 285470
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 25.9 20.0 30.0



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: 46.36 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB82148BL

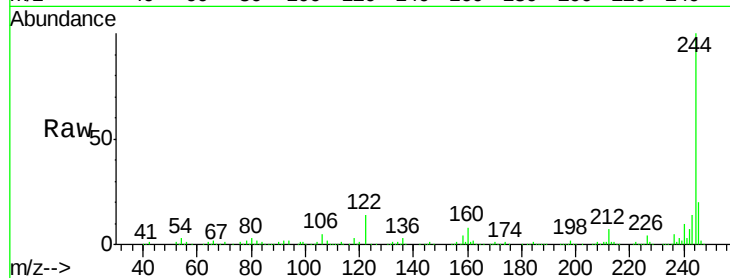
Tot Ion:244 Resp: 541816

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

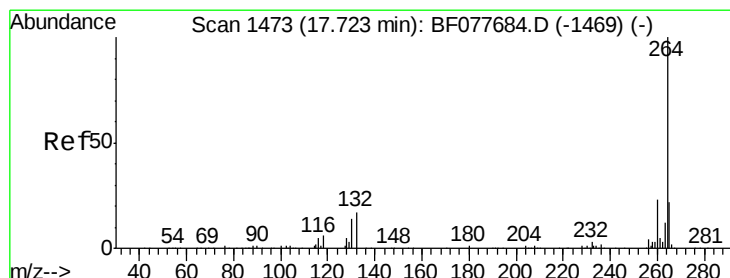
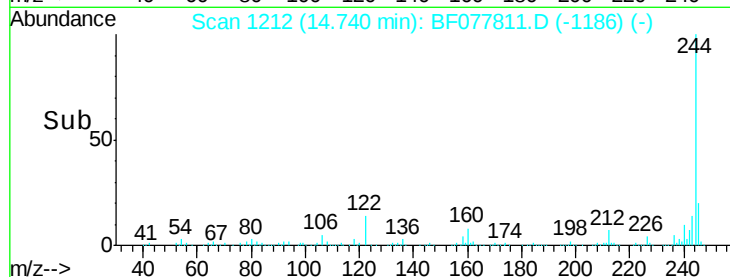
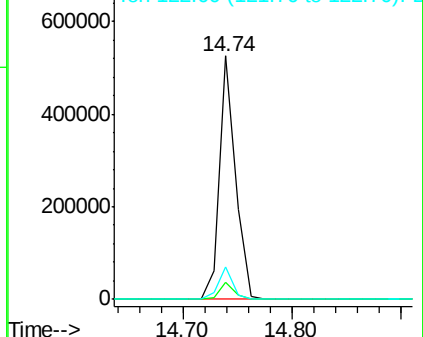
122 13.5 6.2 9.4#



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: 17.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

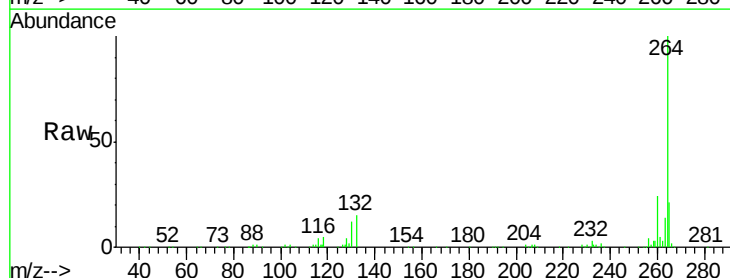
Tgt Ion:264 Resp: 276166

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.0 17.3 25.9



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

