

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077030.D
 Acq On : 23 Jan 2015 4:00
 Operator : TP/IZ
 Sample : G1120-03
 Misc : S
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 04:52:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 03:40:26 2015
 Response via : Initial Calibration

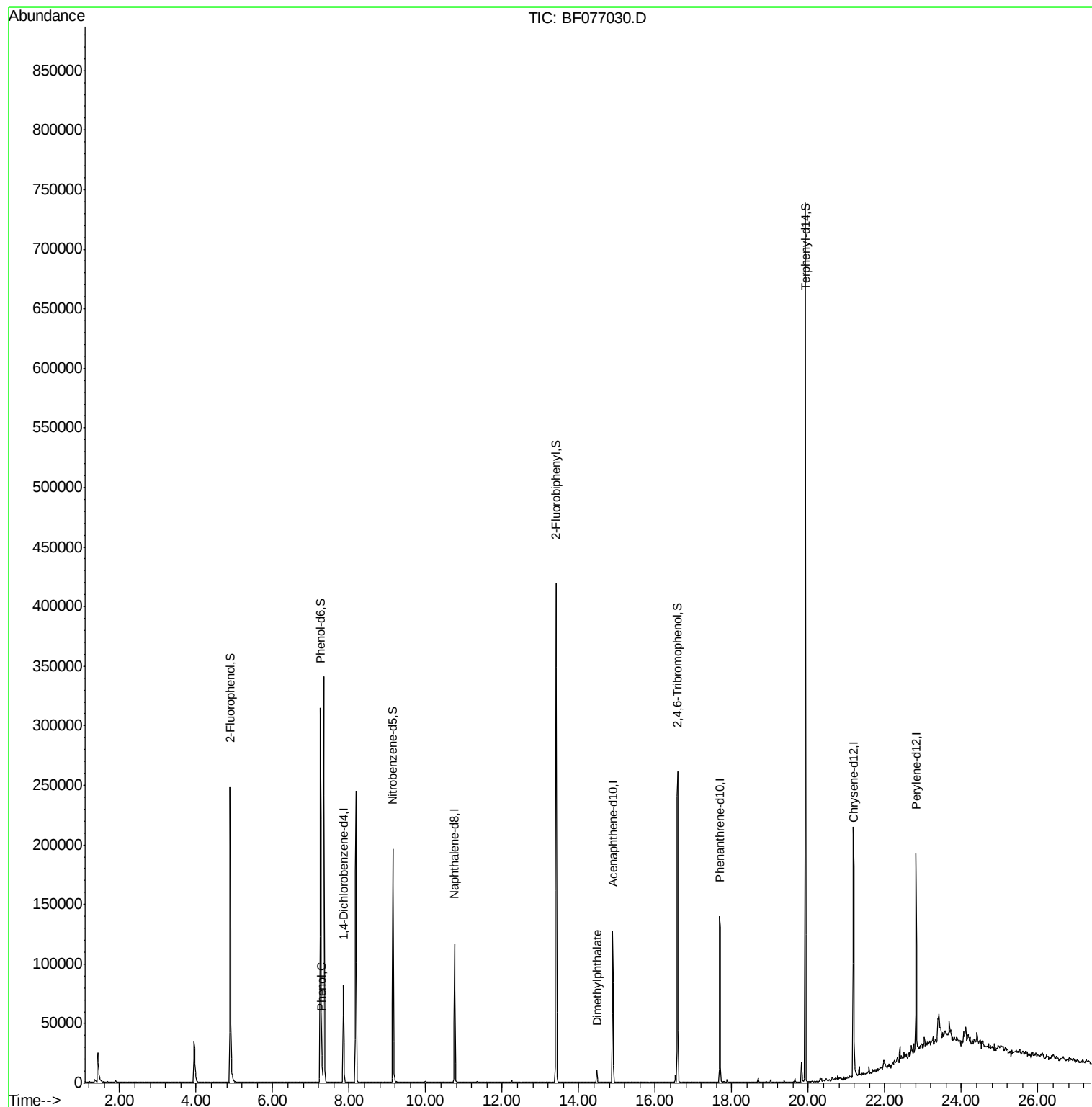
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	22075	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	95600	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	51840	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	83859	20.00	ng	0.00
75) Chrysene-d12	21.19	240	78816	20.00	ng	0.00
86) Perylene-d12	22.81	264	75775	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	137524	102.43	ng	0.00
7) Phenol-d6	7.25	99	189785	112.05	ng	-0.01
23) Nitrobenzene-d5	9.14	82	113456	65.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	43998	104.56	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	246292	72.30	ng	-0.01
78) Terphenyl-d14	19.92	244	255719	74.69	ng	0.00
Target Compounds						
10) Phenol	7.28	94	4359	2.42	ng	# 76
49) Dimethylphthalate	14.48	163	10435	2.84	ng	# 97

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

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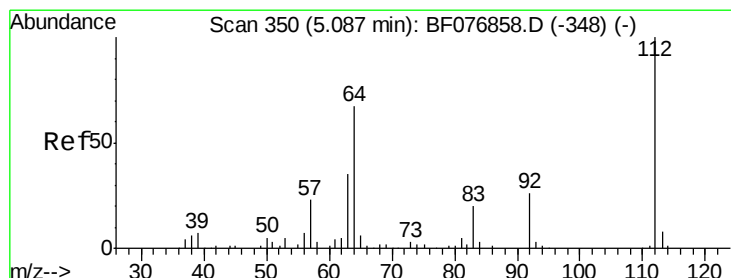
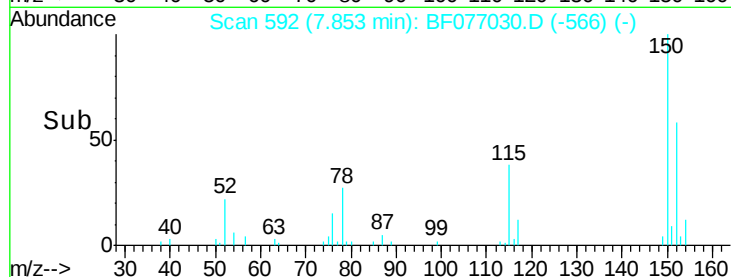
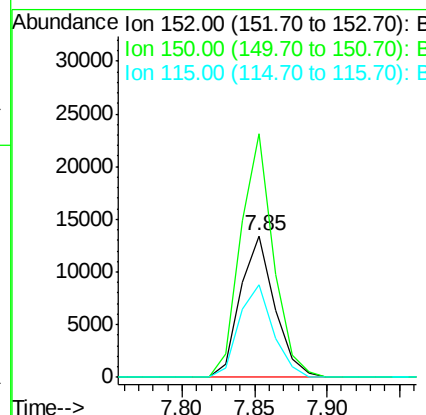
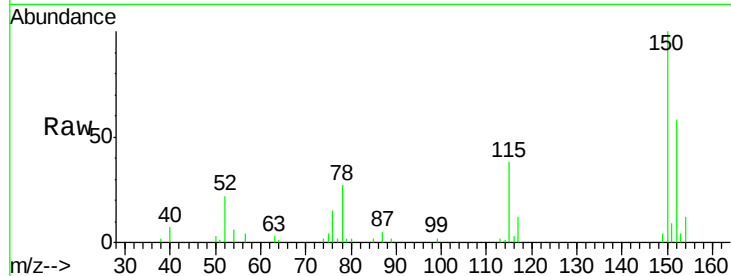


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

Instrument :
BNA_F
ClientSampleId :

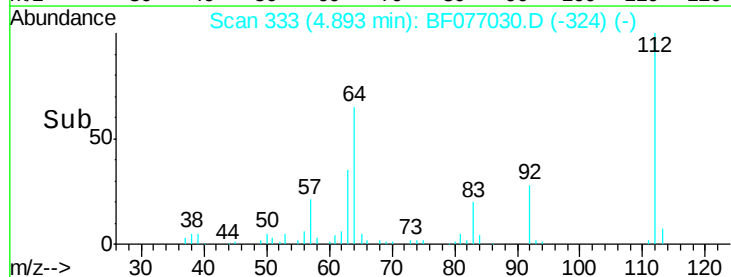
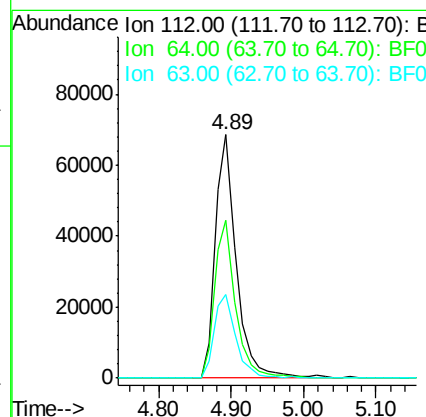
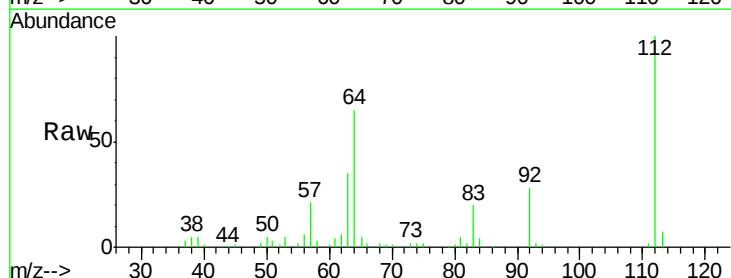
Tot Ion:152 Resp: 22075
Ion Ratio Lower Upper
152 100
150 171.7 121.7 182.5
115 65.6 47.0 70.6



#5

2-Fluorophenol
Concen: 102.43 ng
RT: 4.89 min Scan# 333
Delta R.T. -0.00 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

Tgt Ion:112 Resp: 137524
Ion Ratio Lower Upper
112 100
64 64.9 54.2 81.4
63 34.6 28.4 42.6





#7

Phenol-d6

Concen: 112.05 ng

RT: 7.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

Instrument :

BNA_F

ClientSampled :

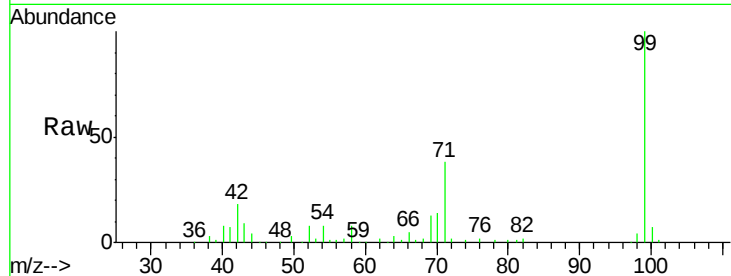
Tot Ion: 99 Resp: 189785

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

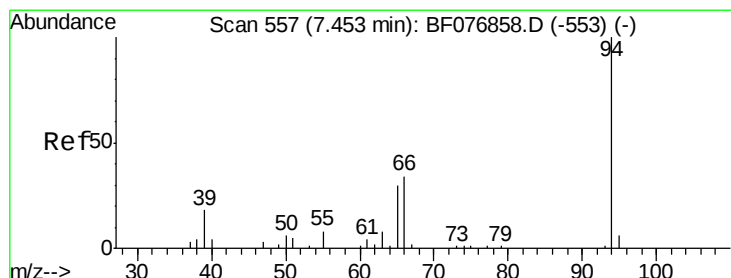
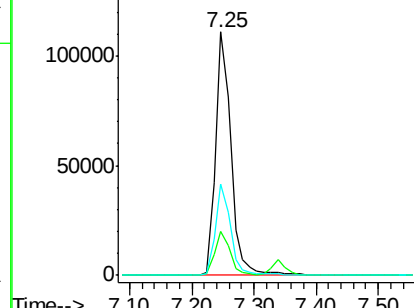
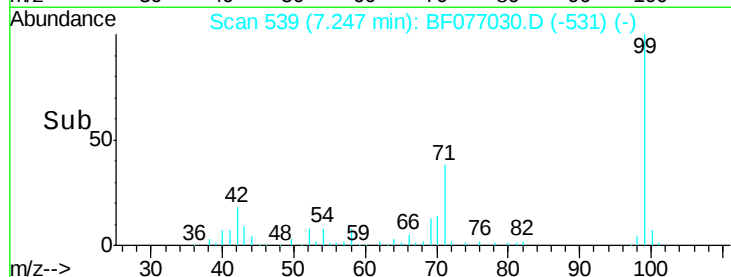
71 37.5 30.5 45.7



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



#10

Phenol

Concen: 2.42 ng

RT: 7.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

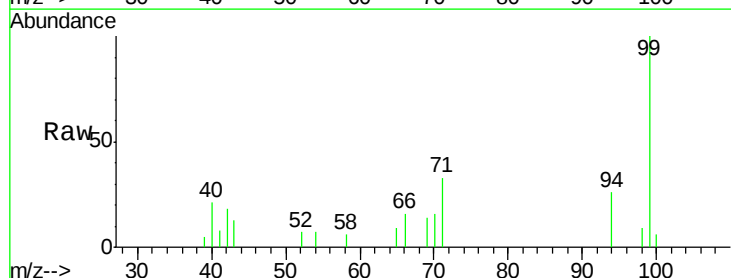
Tgt Ion: 94 Resp: 4359

Ion Ratio Lower Upper

94 100

65 33.7 11.3 51.3

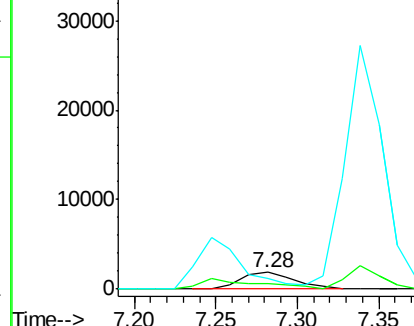
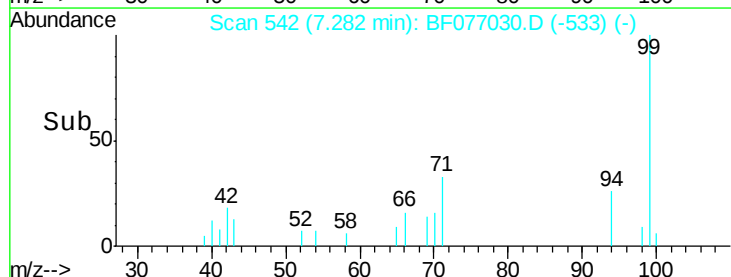
66 63.7 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

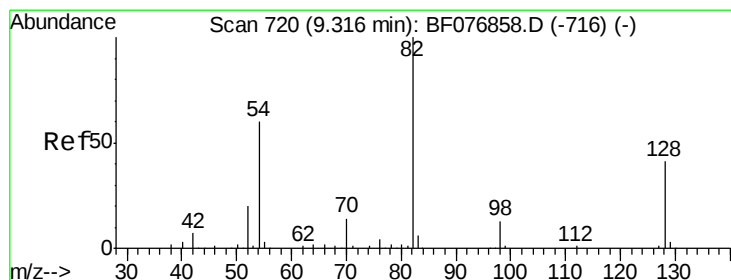
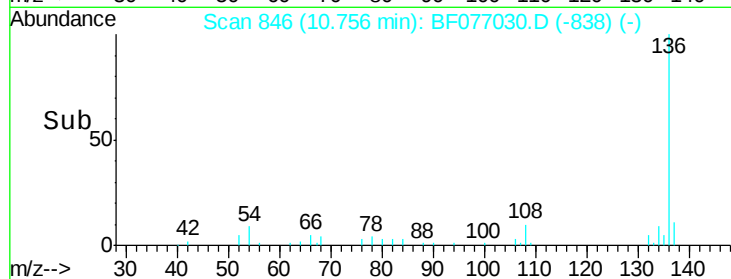
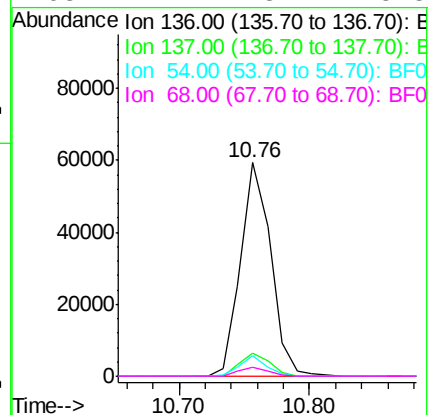
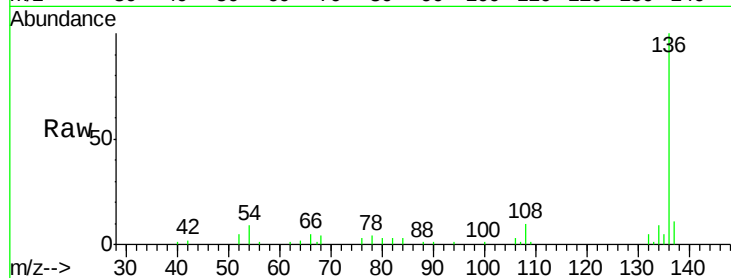




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

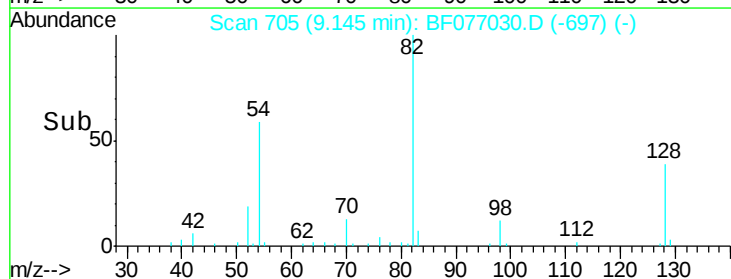
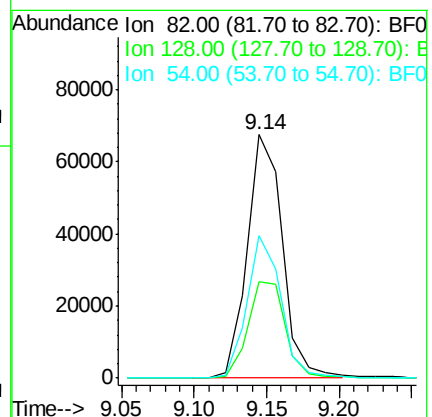
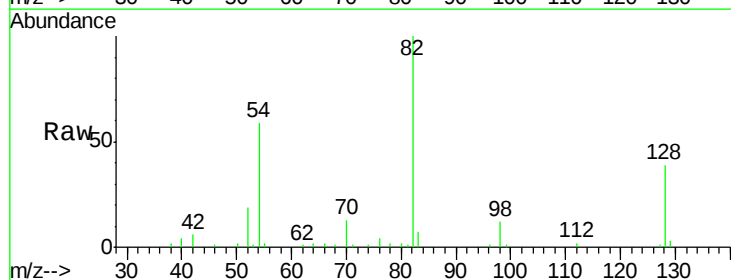
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	95600
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.1 12.1
54	9.4	7.0 10.4
68	4.4	3.7 5.5



#23
Nitrobenzene-d5
Concen: 65.75 ng
RT: 9.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

Tgt Ion: 82	Resp:	113456
Ion Ratio	Lower	Upper
82	100	
128	39.4	33.1 49.7
54	58.6	48.3 72.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

Instrument :

BNA_F

ClientSampleId :

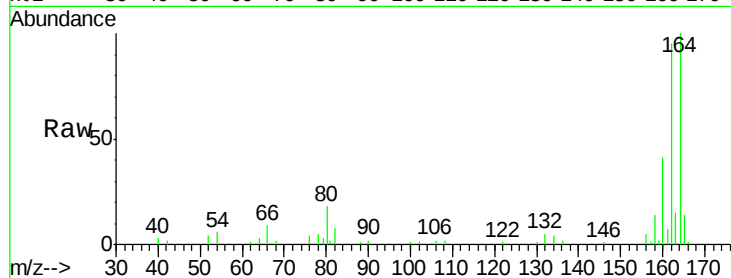
Tot Ion:164 Resp: 51840

Ion Ratio Lower Upper

164 100

162 94.7 82.4 123.6

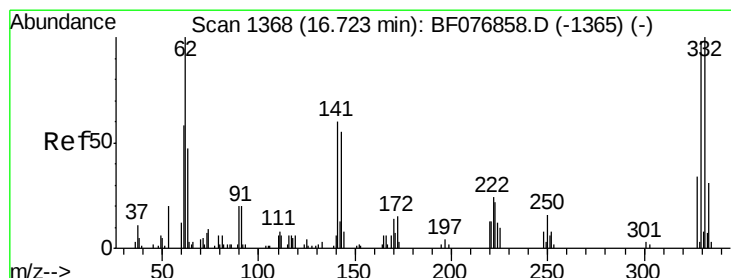
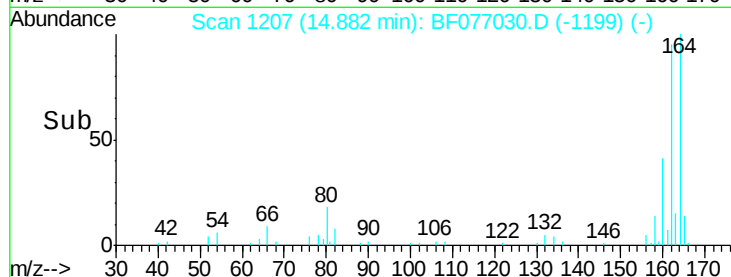
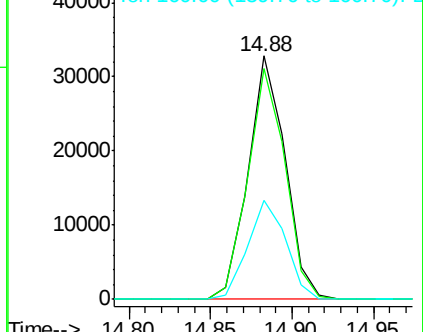
160 40.8 34.8 52.2



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: 104.56 ng

RT: 16.59 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

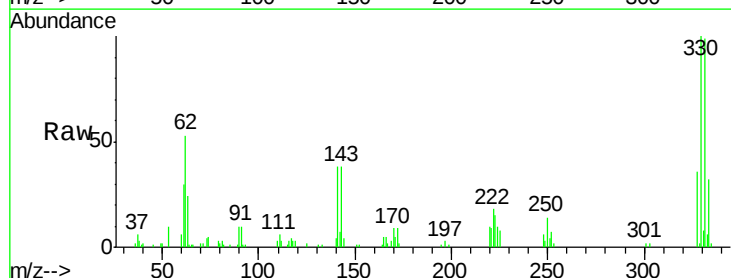
Tgt Ion:330 Resp: 43998

Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.6

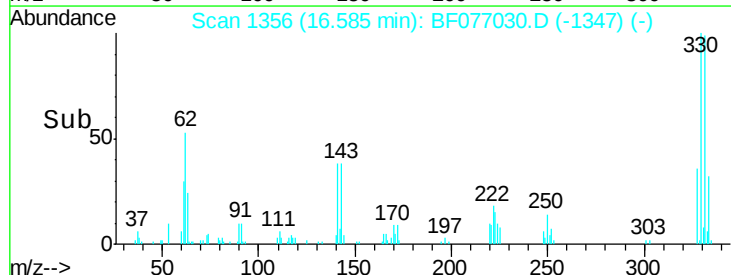
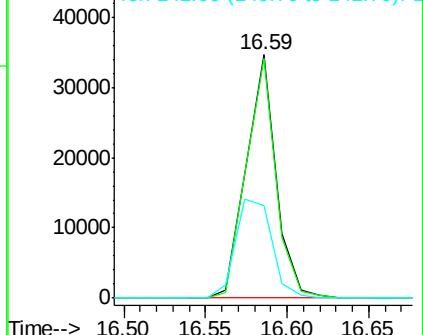
141 49.3 38.5 57.7

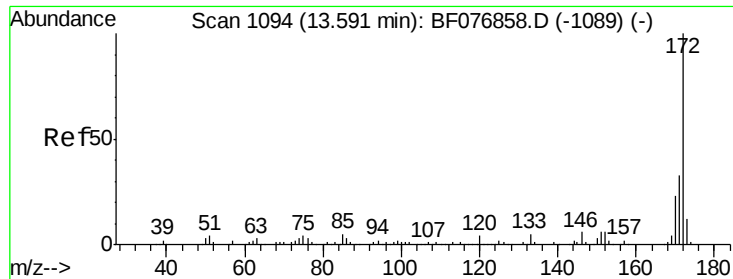


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

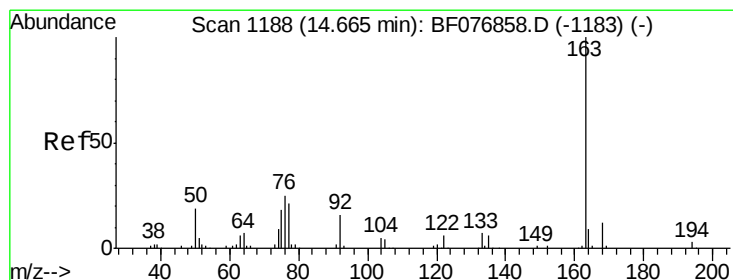
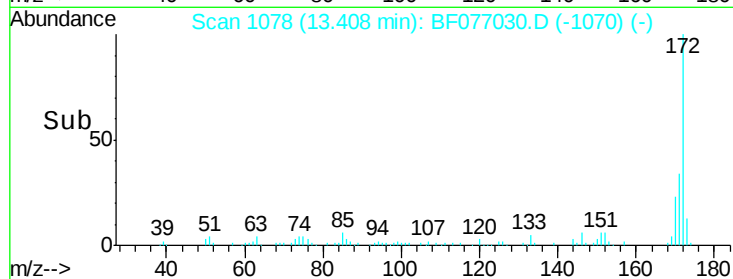
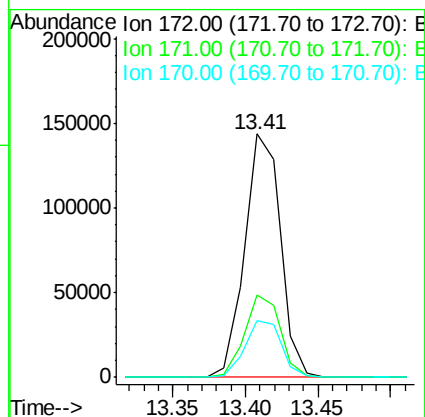
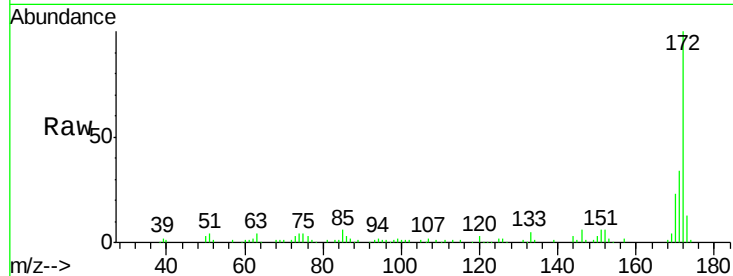




#44
2-Fluorobiphenyl
Concen: 72.30 ng
RT: 13.41 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

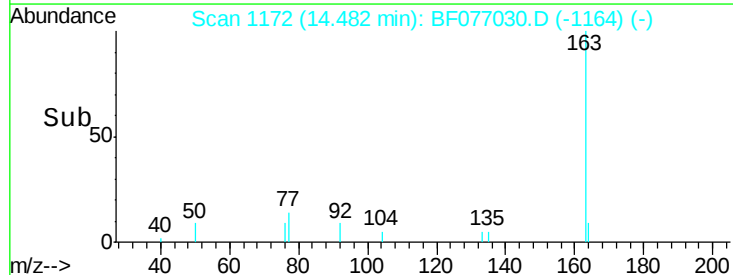
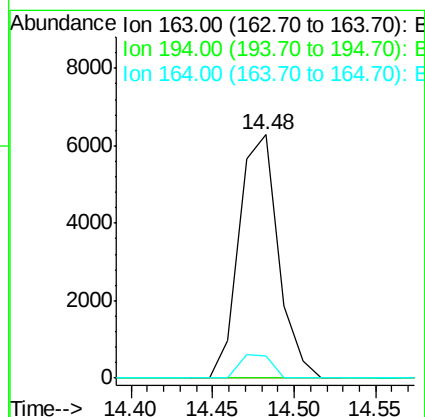
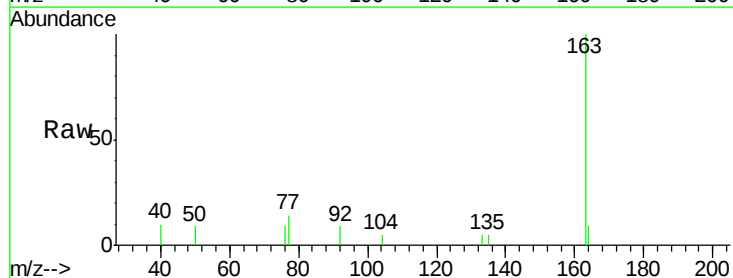
Instrument :
BNA_F
ClientSampleId :

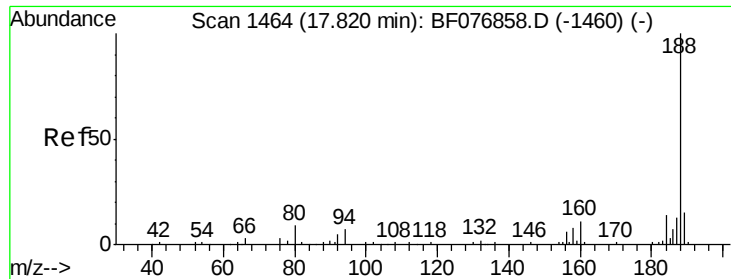
Tot Ion:172 Resp: 246292
Ion Ratio Lower Upper
172 100
171 33.7 26.6 40.0
170 23.1 18.0 27.0



#49
Dimethylphthalate
Concen: 2.84 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

Tgt Ion:163 Resp: 10435
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 9.2 7.5 11.3

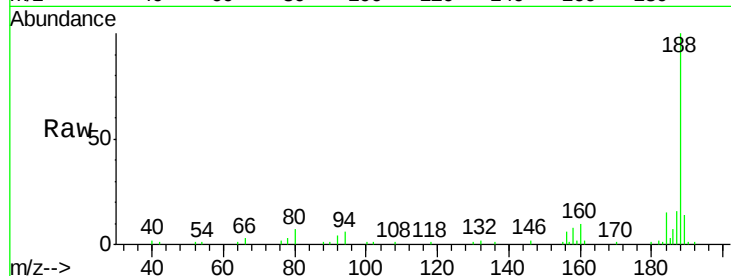




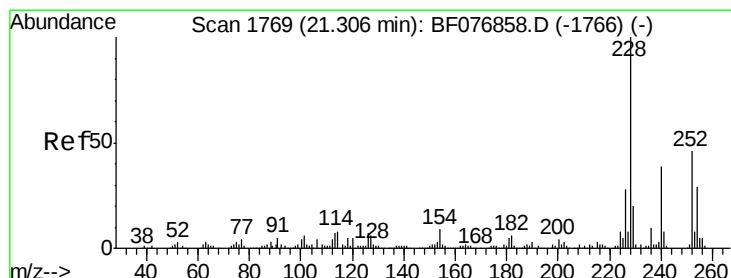
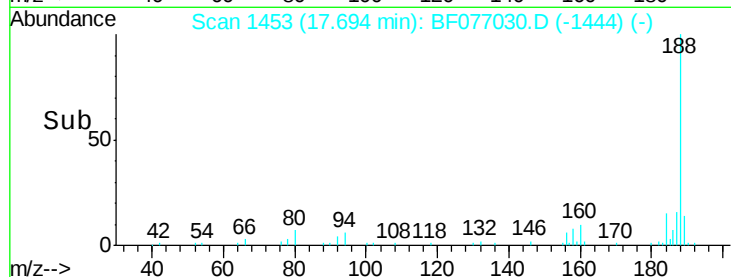
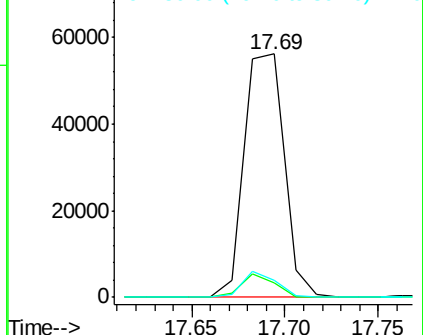
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 83859
Ion Ratio Lower Upper
188 100
94 6.1 6.0 9.0
80 7.2 6.9 10.3

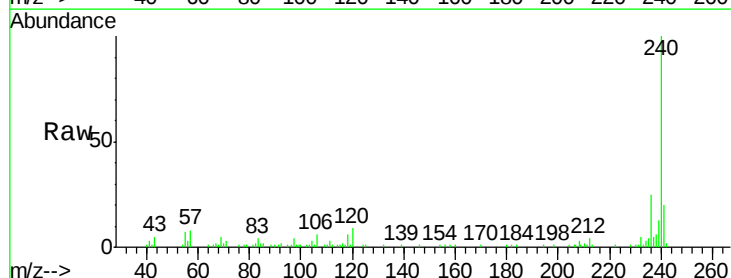


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

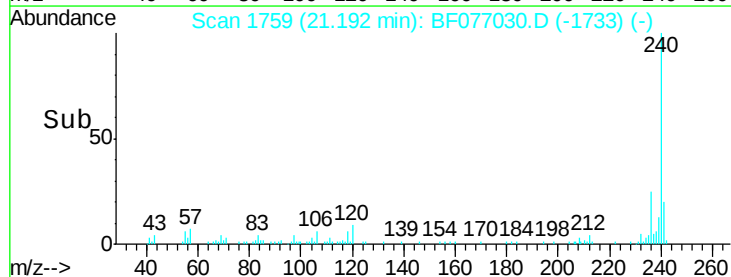
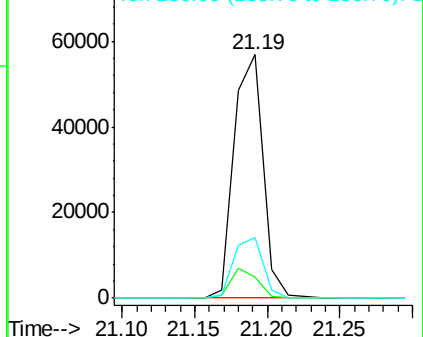


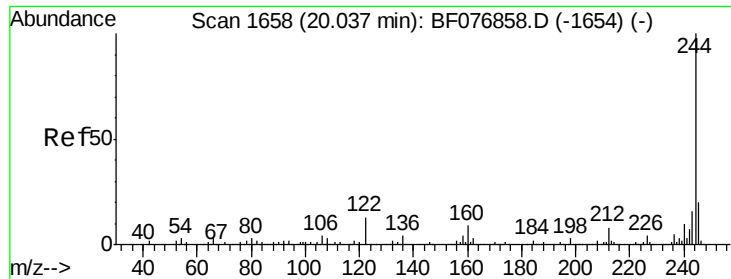
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

Tgt Ion:240 Resp: 78816
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

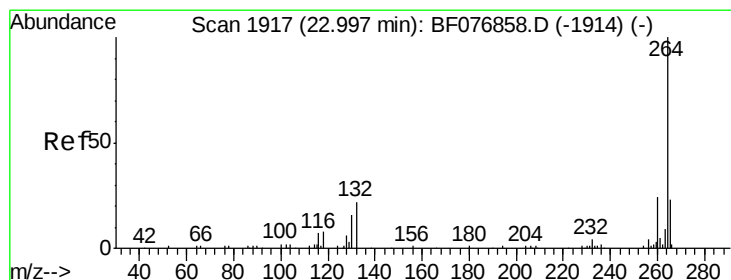
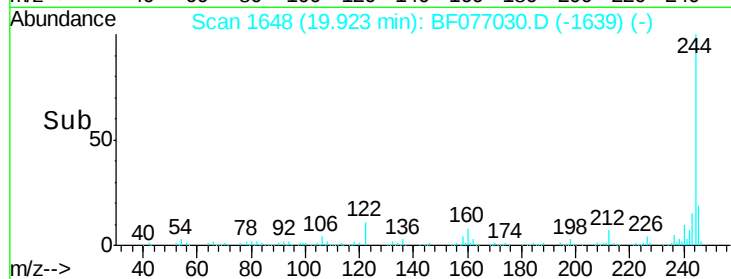
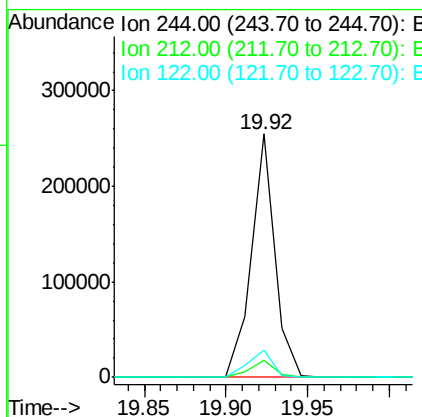
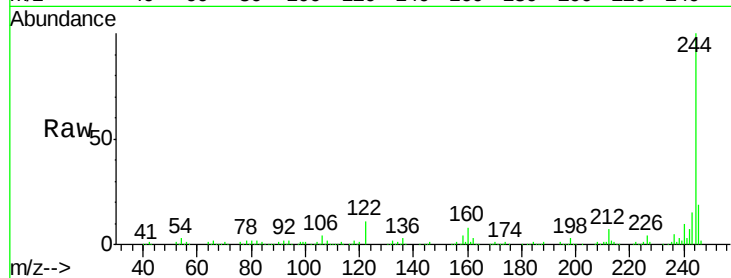




#78
 Terphenyl-d14
 Concen: 74.69 ng
 RT: 19.92 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF077030.D
 Acq: 23 Jan 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 255719
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 11.0 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.81 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BF077030.D
 Acq: 23 Jan 2015 4:00

Tgt Ion:264 Resp: 75775
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.0 28.4
 265 21.6 18.1 27.1

