

Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
 Data File : BF077044.D
 Acq On : 23 Jan 2015 18:55
 Operator : TP/IZ
 Sample : G1150-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:00:13 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 22:30:04 2015
 Response via : Initial Calibration

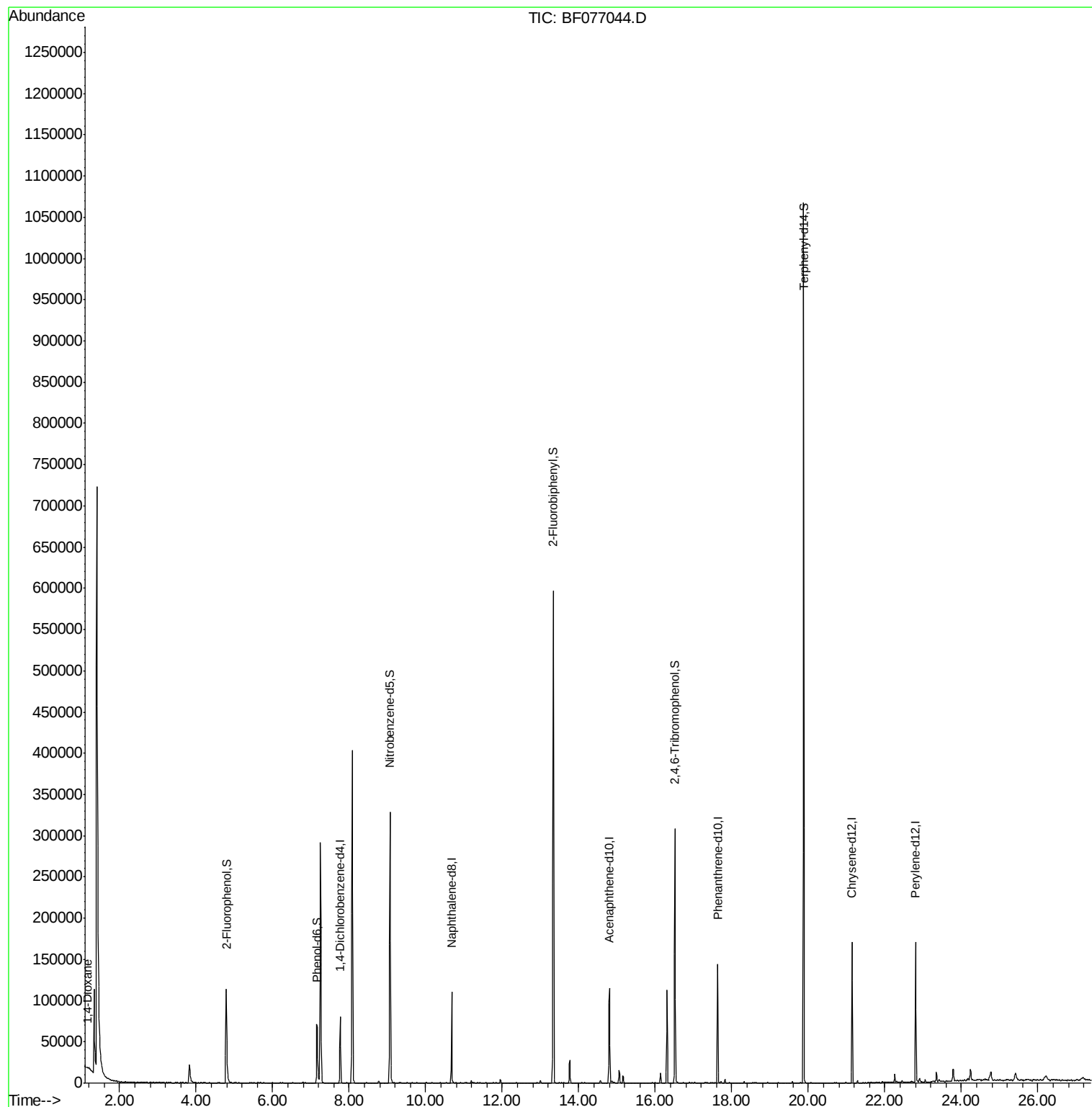
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	21789	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	92079	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	49395	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	85083	20.00	ng	0.00
75) Chrysene-d12	21.13	240	85519	20.00	ng	-0.01
86) Perylene-d12	22.80	264	81510	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.79	112	70252	53.01	ng	0.00
7) Phenol-d6	7.17	99	53352	31.91	ng	0.00
23) Nitrobenzene-d5	9.06	82	171516	103.20	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	45885	114.44	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	354151	109.11	ng	-0.01
78) Terphenyl-d14	19.88	244	392610	105.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.16	88	1666	2.94	ng	# 12
9) Benzaldehyde	6.79	77	570	Below Cal		# 79

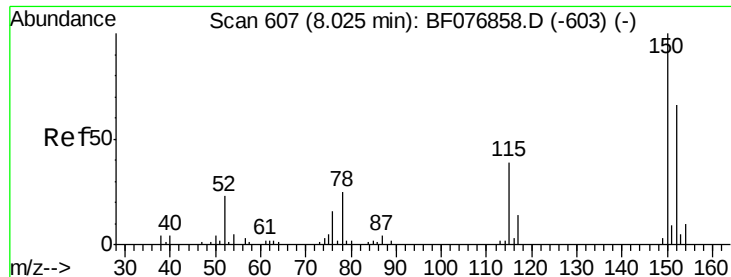
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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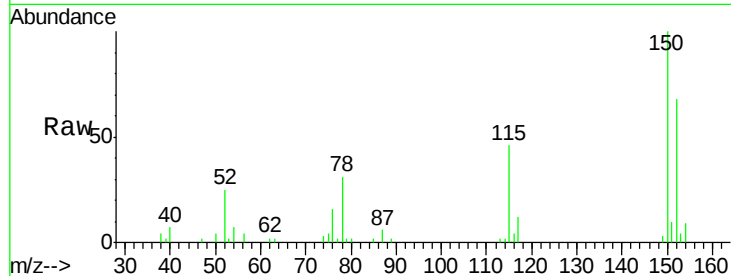


#1

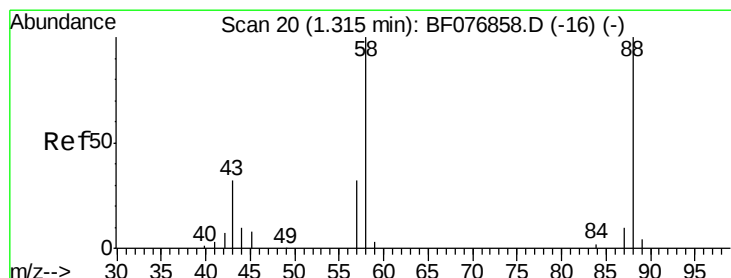
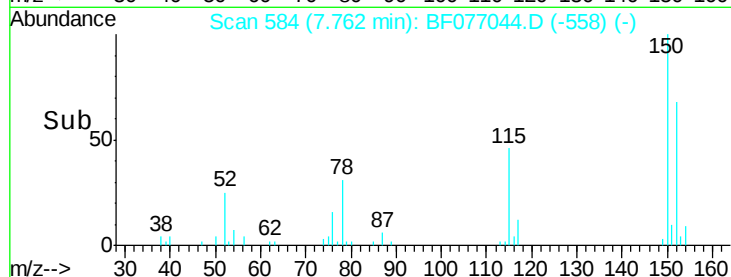
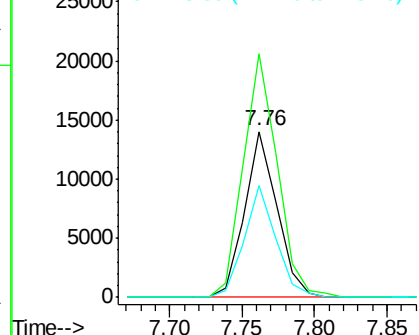
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077044.D
Acq: 23 Jan 2015 18:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 21789
Ion Ratio Lower Upper
152 100
150 147.0 121.7 182.5
115 67.8 47.0 70.6



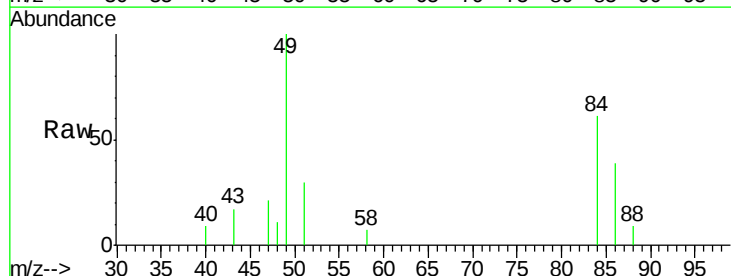
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



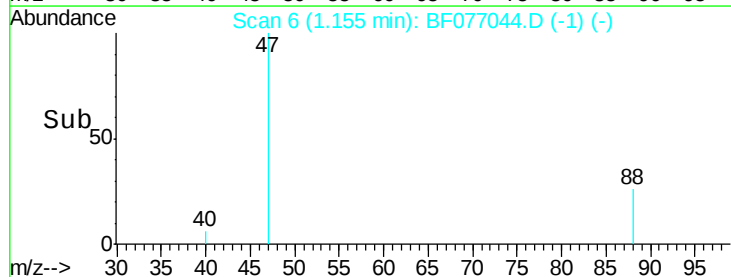
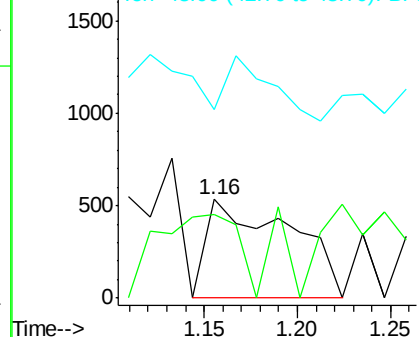
#2

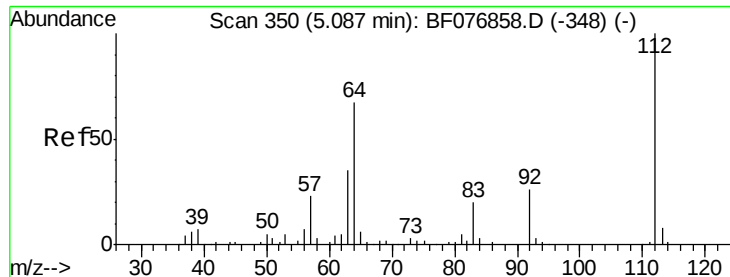
1,4-Dioxane
Concen: 2.94 ng
RT: 1.16 min Scan# 6
Delta R.T. -0.01 min
Lab File: BF077044.D
Acq: 23 Jan 2015 18:55

Tgt Ion: 88 Resp: 1666
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 53.01 ng

RT: 4.79 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF077044.D

Acq: 23 Jan 2015 18:55

Instrument :

BNA_F

ClientSampled :

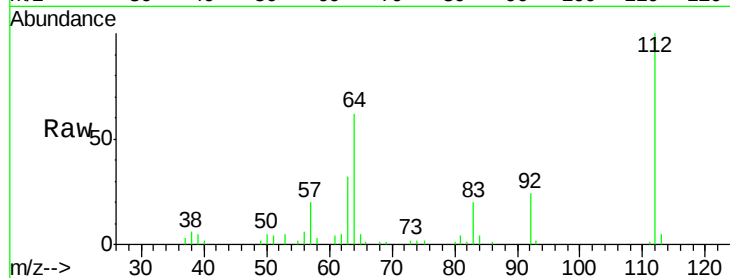
Tot Ion: 112 Resp: 70252

Ion Ratio Lower Upper

112 100

64 61.6 54.2 81.4

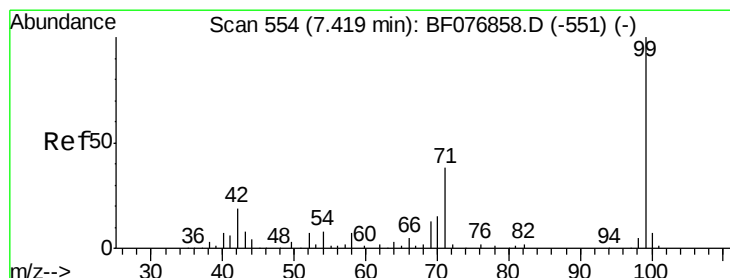
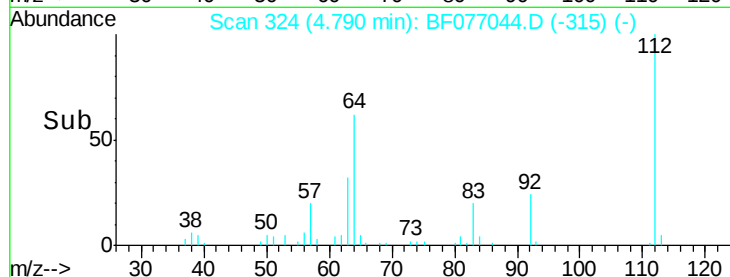
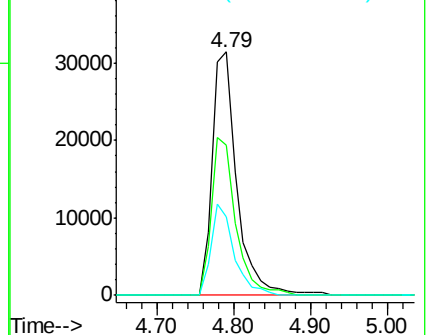
63 32.3 28.4 42.6



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: 31.91 ng

RT: 7.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077044.D

Acq: 23 Jan 2015 18:55

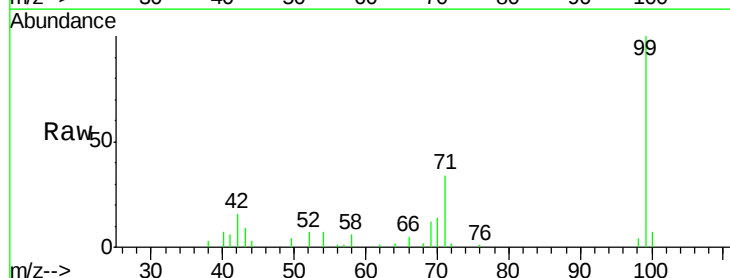
Tgt Ion: 99 Resp: 53352

Ion Ratio Lower Upper

99 100

42 15.9 15.0 22.4

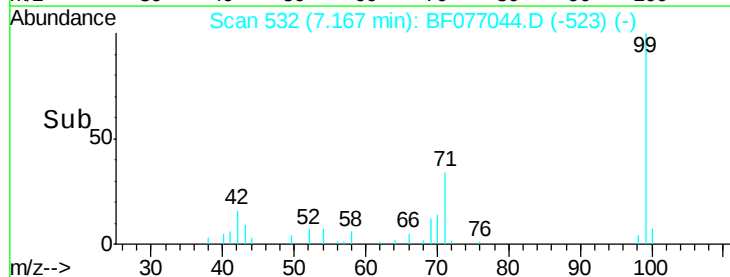
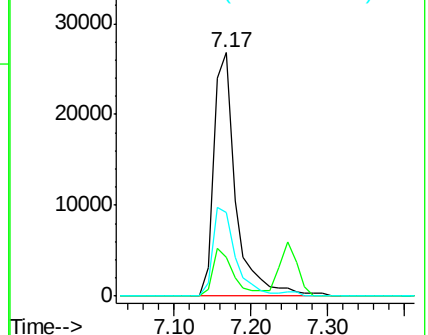
71 34.3 30.5 45.7

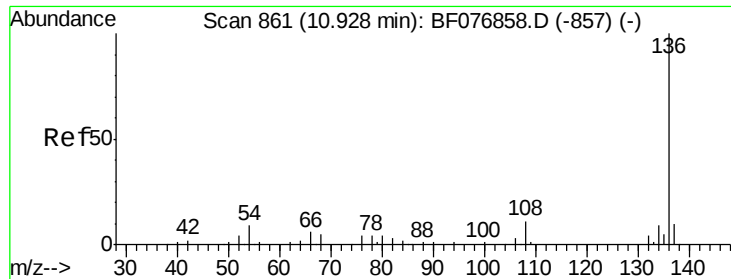


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

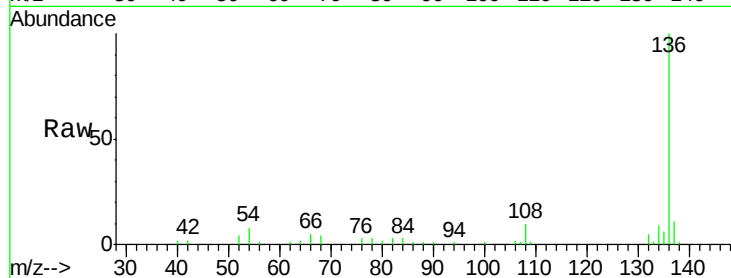




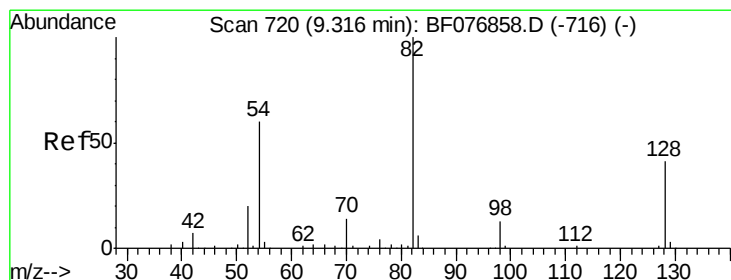
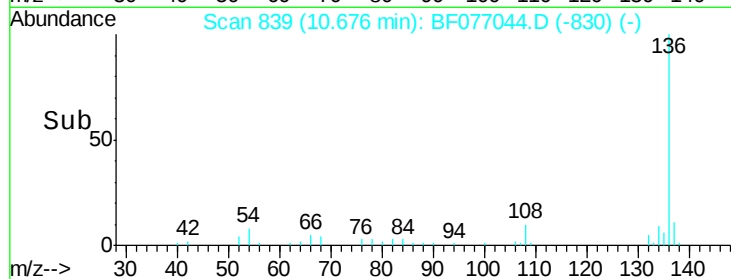
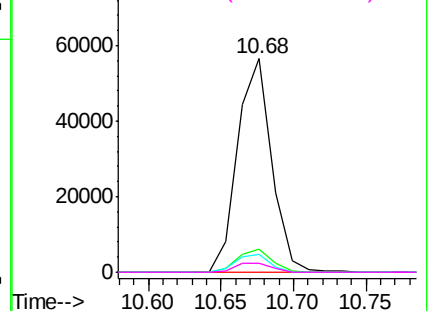
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF077044.D
Acq: 23 Jan 2015 18:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	92079
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.1 12.1
54	8.4	7.0 10.4
68	4.1	3.7 5.5

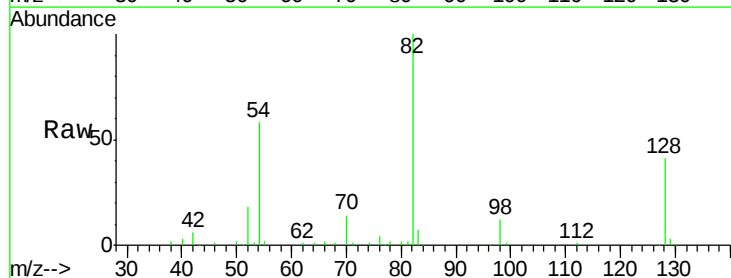


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

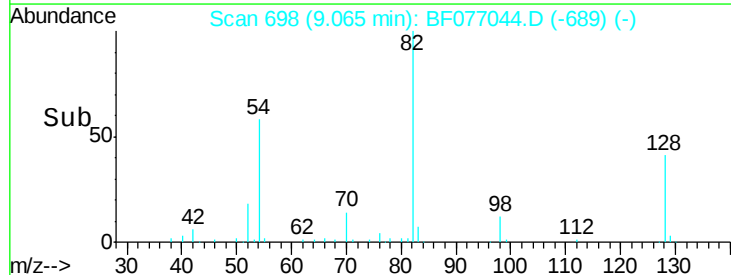
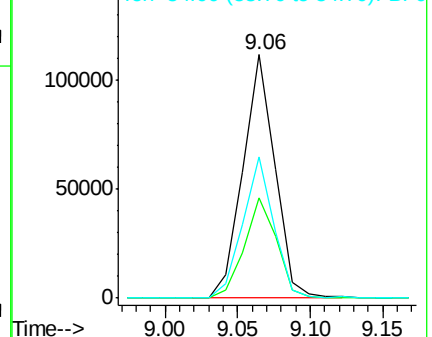


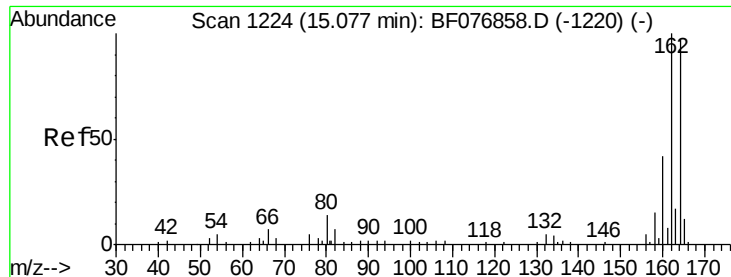
#23
Nitrobenzene-d5
Concen: 103.20 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077044.D
Acq: 23 Jan 2015 18:55

Tgt Ion: 82	Resp:	171516
Ion	Ratio	Lower Upper
82	100	
128	41.2	33.1 49.7
54	58.0	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

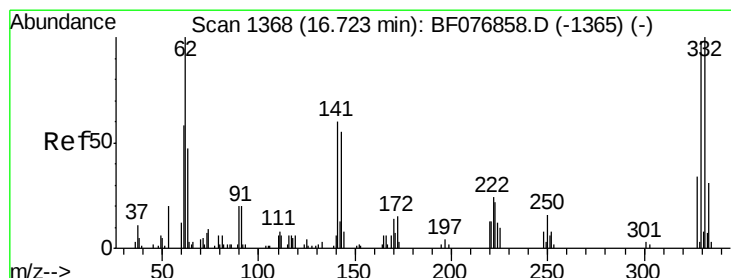
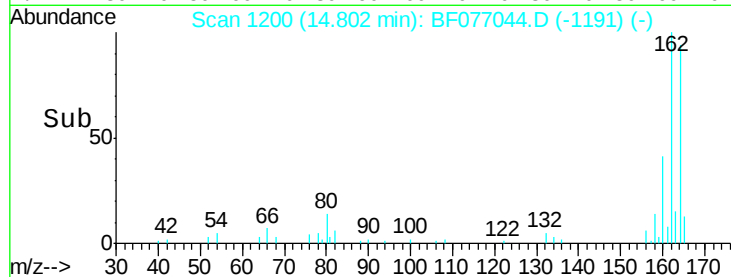
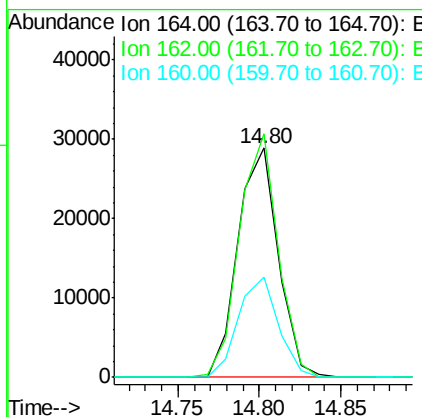
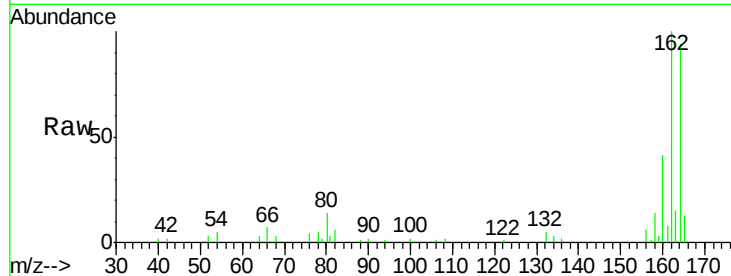




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF077044.D
 Acq: 23 Jan 2015 18:55

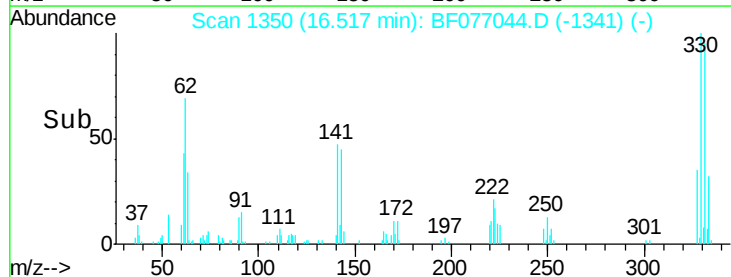
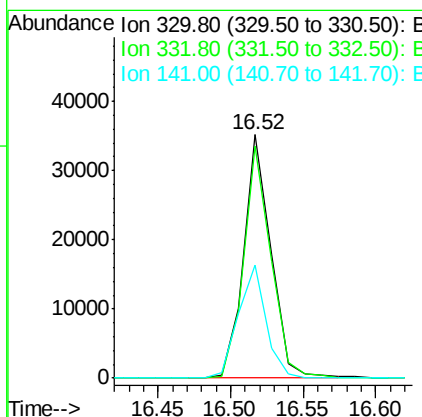
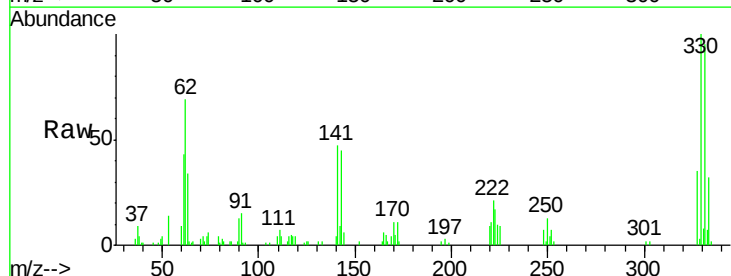
Instrument :
 BNA_F
 ClientSampleId :

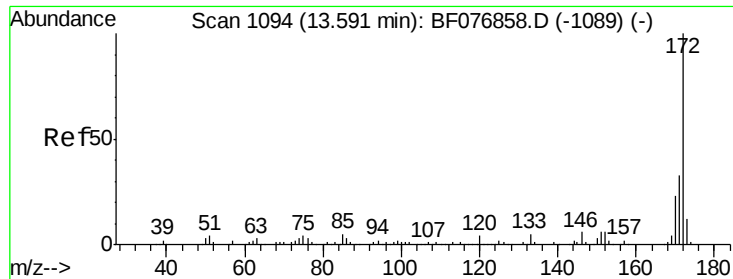
Tot Ion:164 Resp: 49395
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.4 123.6
 160 43.9 34.8 52.2



#41
 2,4,6-Tribromophenol
 Concen: 114.44 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BF077044.D
 Acq: 23 Jan 2015 18:55

Tgt Ion:330 Resp: 45885
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.8 116.6
 141 47.0 38.5 57.7

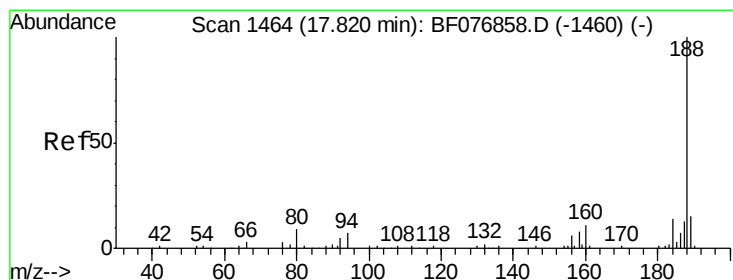
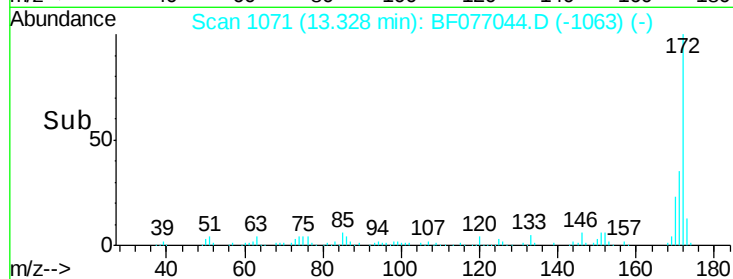
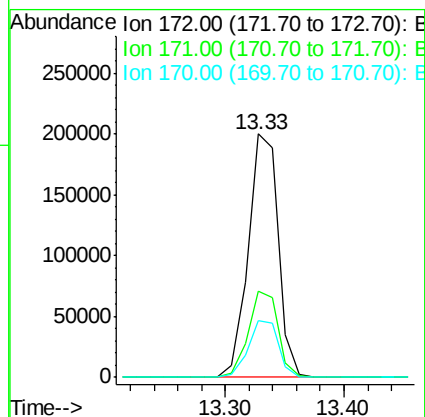
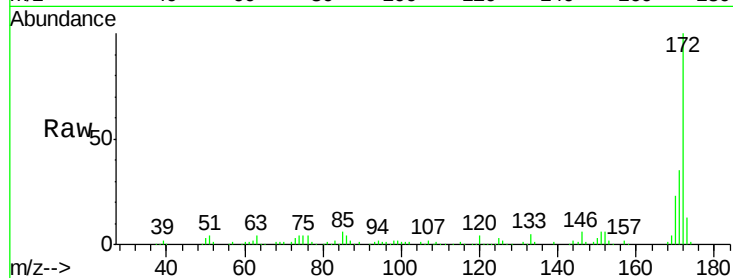




#44
 2-Fluorobiphenyl
 Concen: 109.11 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF077044.D
 Acq: 23 Jan 2015 18:55

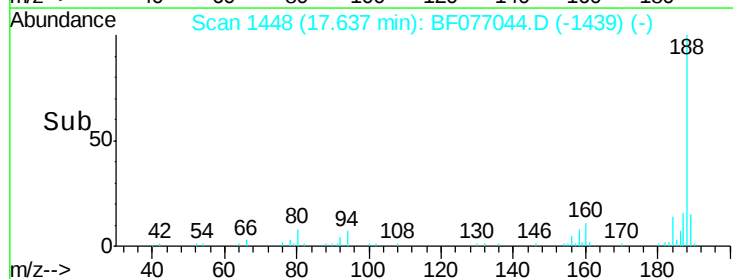
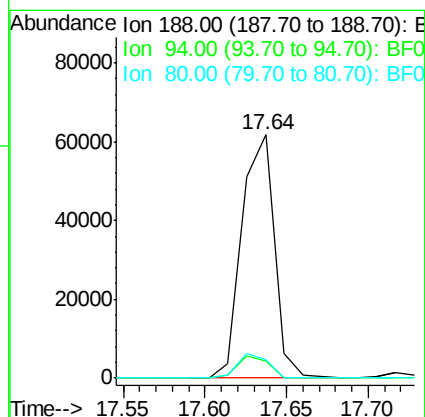
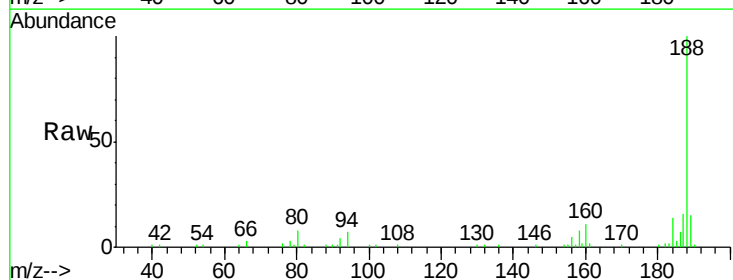
Instrument :
 BNA_F
 ClientSampleId :

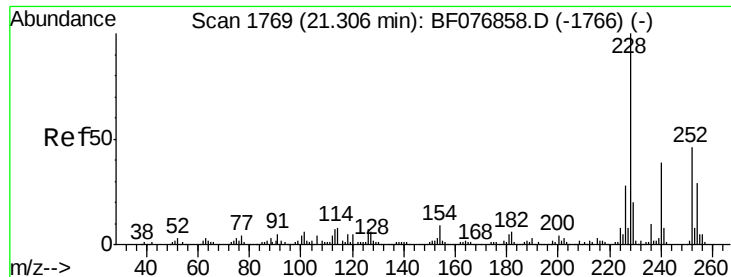
Tot Ion:172 Resp: 354151
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.6 40.0
 170 23.4 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF077044.D
 Acq: 23 Jan 2015 18:55

Tgt Ion:188 Resp: 85083
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.0 9.0
 80 7.5 6.9 10.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.13 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF077044.D

Acq: 23 Jan 2015 18:55

Instrument :

BNA_F

ClientSampleId :

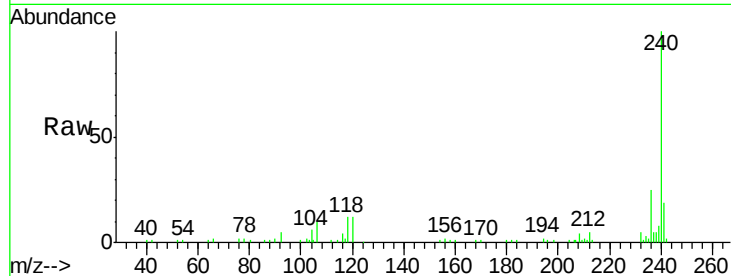
Tot Ion:240 Resp: 85519

Ion Ratio Lower Upper

240 100

120 12.3 10.4 15.6

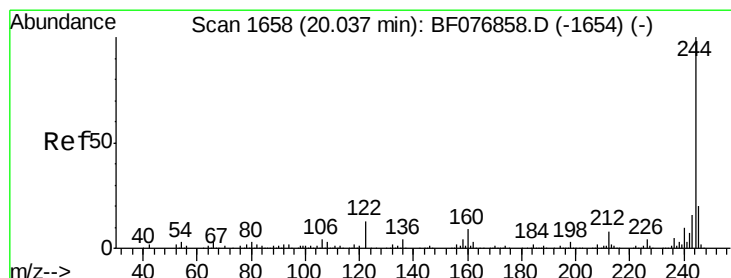
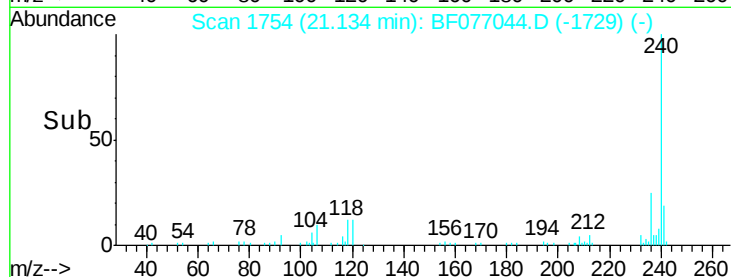
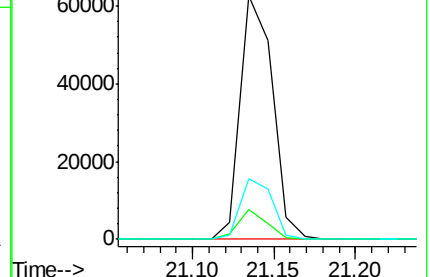
236 25.1 20.2 30.2



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: 105.69 ng

RT: 19.88 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BF077044.D

Acq: 23 Jan 2015 18:55

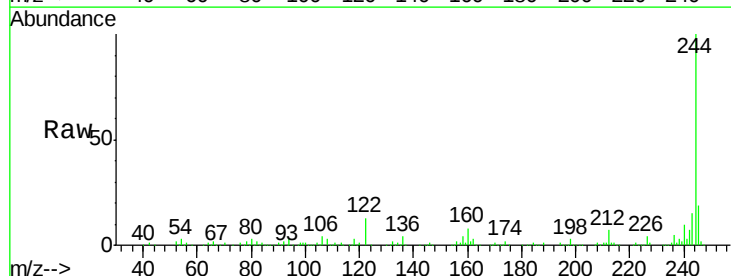
Tgt Ion:244 Resp: 392610

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

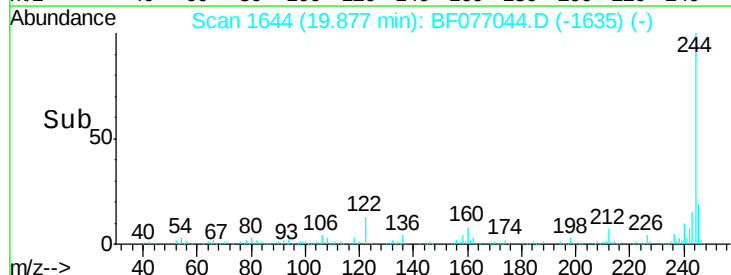
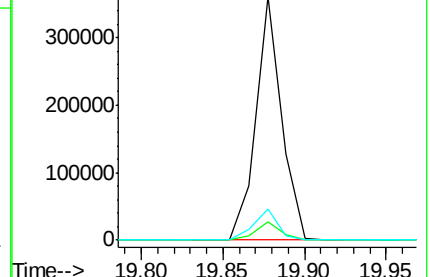
122 12.7 10.1 15.1

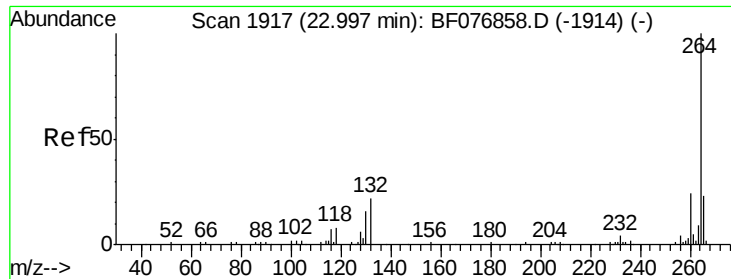


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

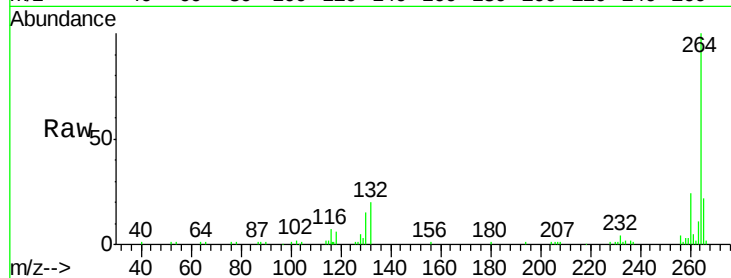




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.80 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BF077044.D
 Acq: 23 Jan 2015 18:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 81510
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.0 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

