

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079073.D
 Acq On : 9 May 2015 9:58
 Operator : TP/IZ
 Sample : G2151-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-9.0

Quant Time: May 11 01:01:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 00:37:37 2015
 Response via : Initial Calibration

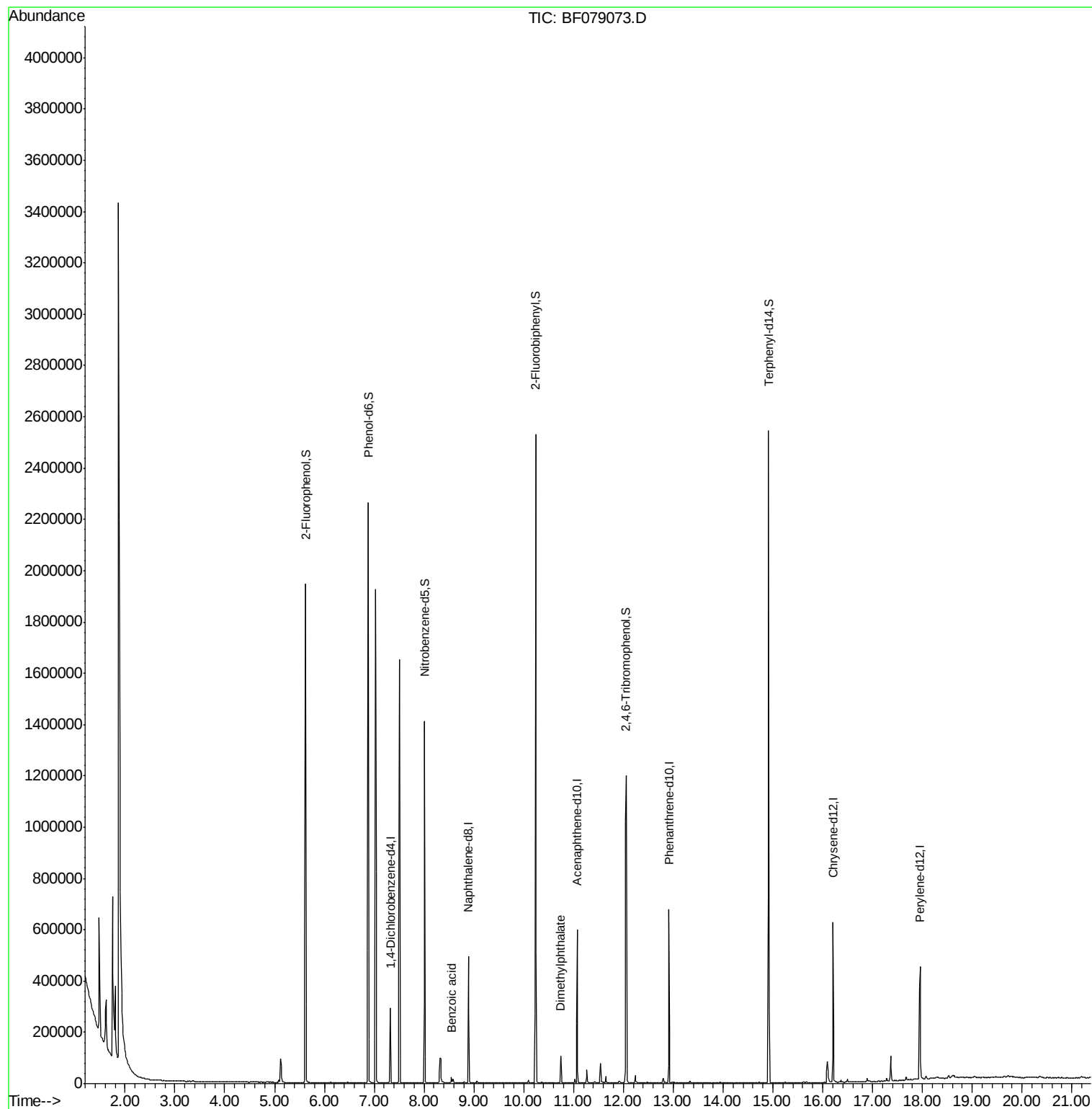
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	66768	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	268888	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	132264	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	259454	20.00	ng	0.00
75) Chrysene-d12	16.21	240	242746	20.00	ng	-0.01
86) Perylene-d12	17.95	264	241626	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	574848	148.20	ng	0.00
7) Phenol-d6	6.88	99	752223	146.72	ng	0.00
23) Nitrobenzene-d5	8.01	82	430201	91.95	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	218535	152.73	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	784912	82.68	ng	0.00
78) Terphenyl-d14	14.91	244	856716	84.50	ng	0.00
Target Compounds						
32) Benzoic acid	8.55	122	5429	8.27	ng	91
49) Dimethylphthalate	10.74	163	43662	4.50	ng	99

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

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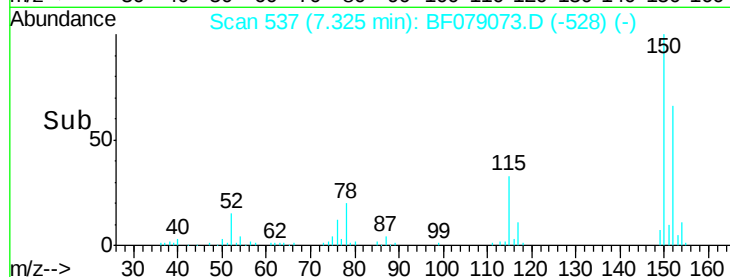
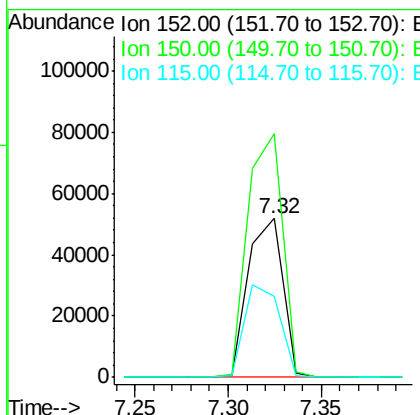
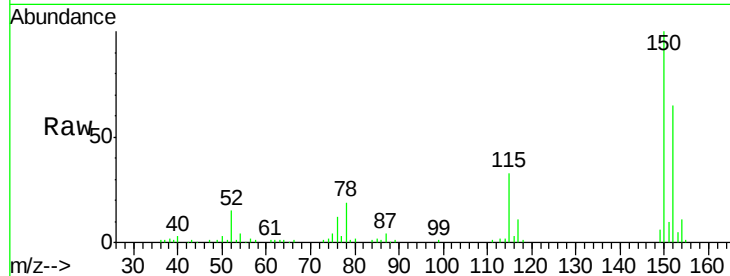




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF079073.D
 Acq: 9 May 2015 9:58

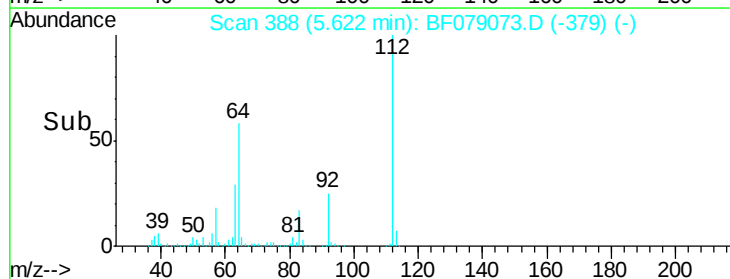
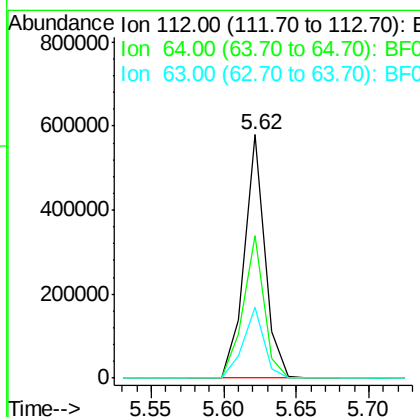
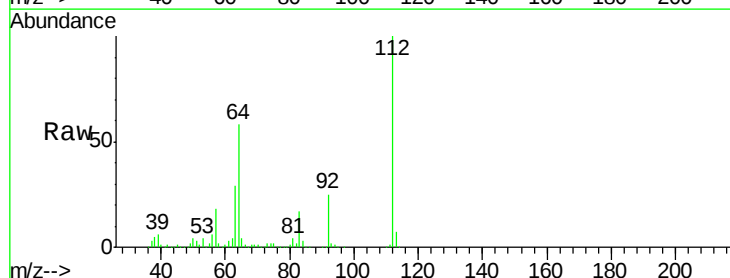
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-9.0

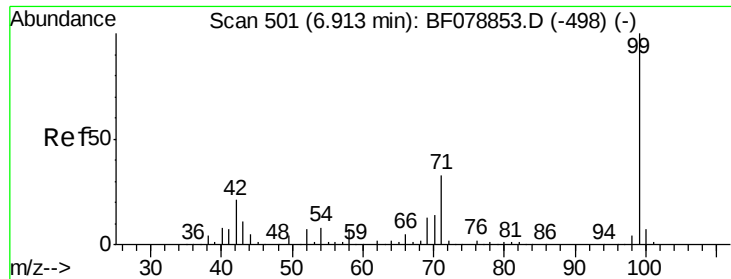
Tot Ion:152 Resp: 66768
 Ion Ratio Lower Upper
 152 100
 150 153.1 122.0 183.0
 115 50.9 46.3 69.5



#5
 2-Fluorophenol
 Concen: 148.20 ng
 RT: 5.62 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: BF079073.D
 Acq: 9 May 2015 9:58

Tgt Ion:112 Resp: 574848
 Ion Ratio Lower Upper
 112 100
 64 58.3 53.5 80.3
 63 29.0 27.5 41.3





#7

Phenol-d6

Concen: 146.72 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079073.D

Acq: 9 May 2015 9:58

Instrument :

BNA_F

ClientSampleId :

TU012-SB-16-9.0

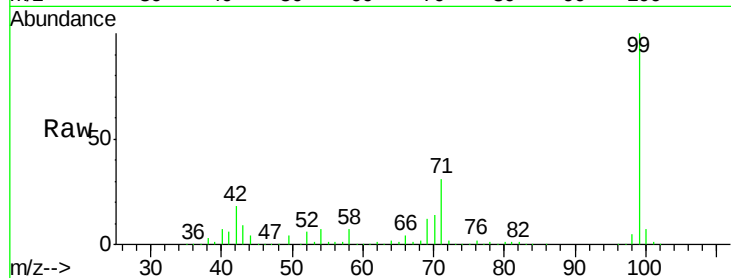
Tot Ion: 99 Resp: 752223

Ion Ratio Lower Upper

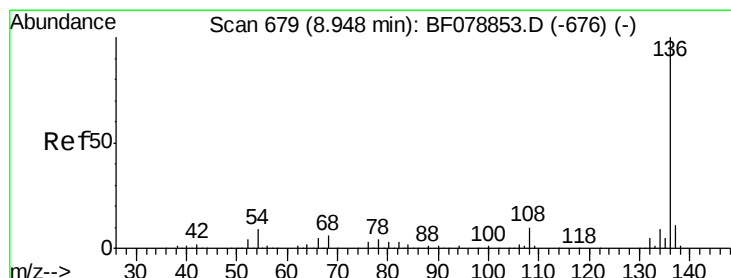
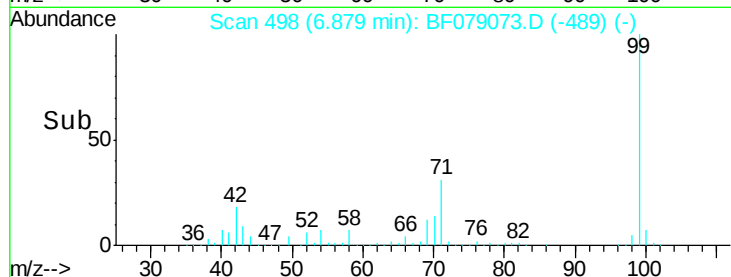
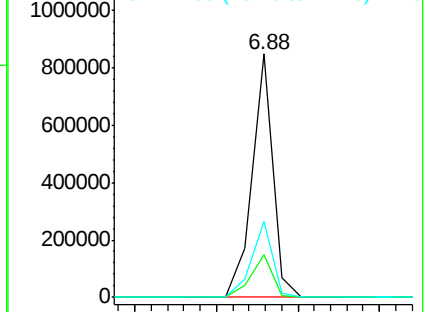
99 100

42 17.7 12.8 19.2

71 31.4 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: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079073.D

Acq: 9 May 2015 9:58

Tgt Ion: 136 Resp: 268888

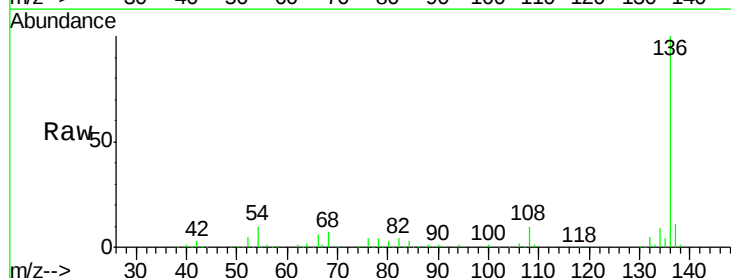
Ion Ratio Lower Upper

136 100

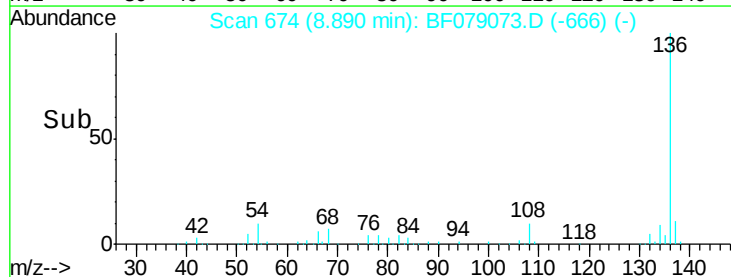
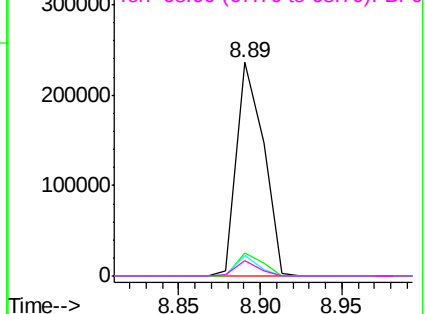
137 10.9 8.7 13.1

54 9.7 5.8 8.8#

68 7.4 4.2 6.4#



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

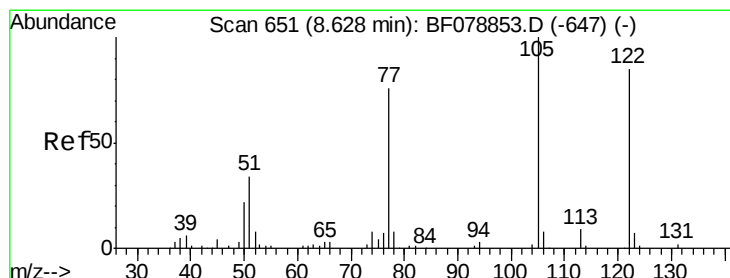
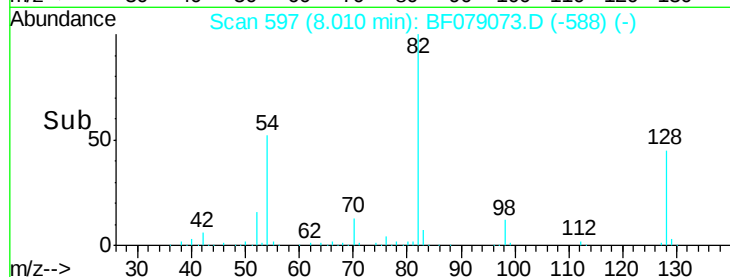
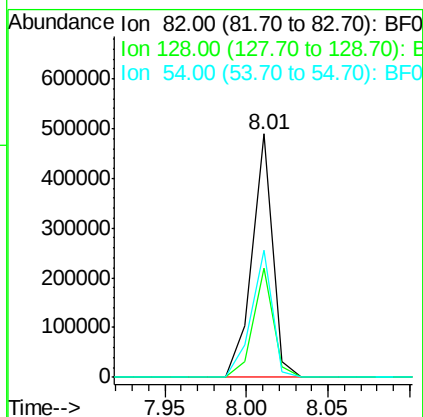
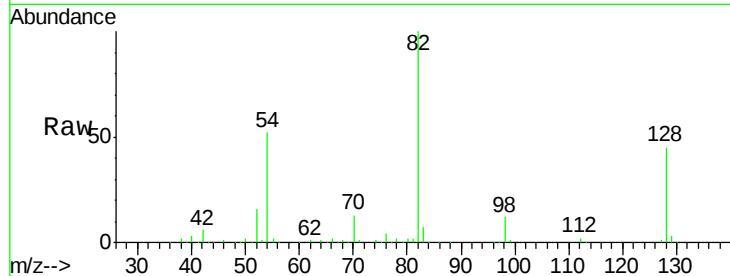




#23
Nitrobenzene-d5
Concen: 91.95 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF079073.D
Acq: 9 May 2015 9:58

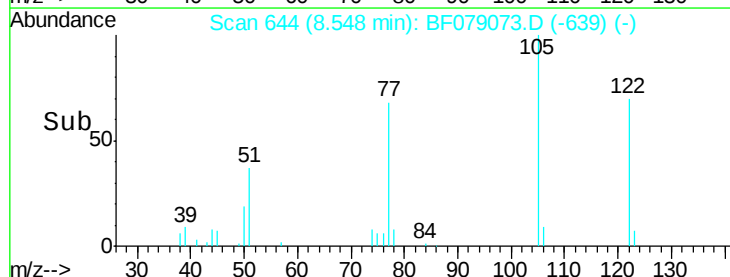
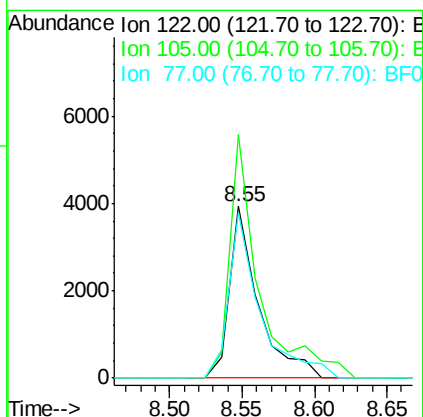
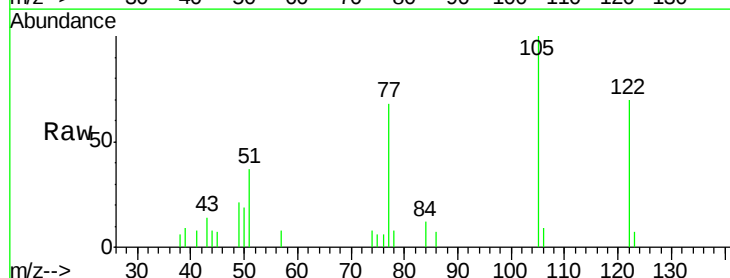
Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-9.0

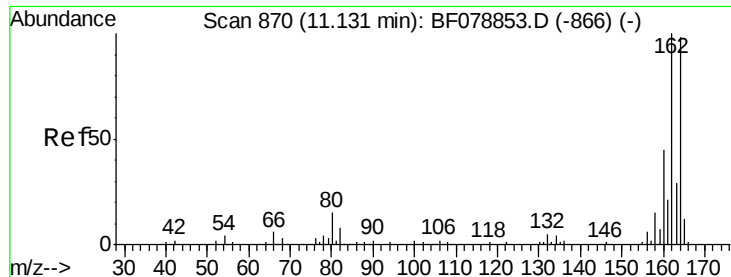
Tot Ion: 82 Resp: 430201
Ion Ratio Lower Upper
82 100
128 44.6 30.0 45.0
54 52.0 46.4 69.6



#32
Benzoic acid
Concen: 8.27 ng
RT: 8.55 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF079073.D
Acq: 9 May 2015 9:58

Tgt Ion: 122 Resp: 5429
Ion Ratio Lower Upper
122 100
105 142.1 107.1 147.1
77 96.4 73.9 113.9

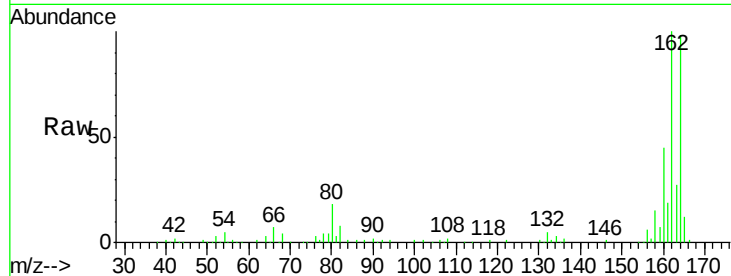




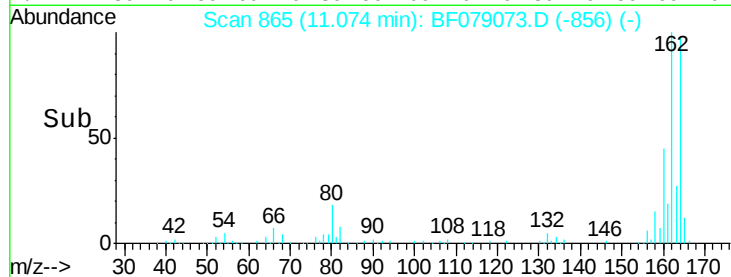
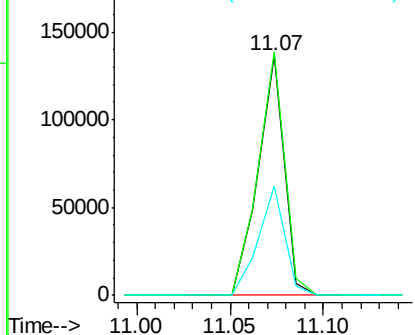
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079073.D
 Acq: 9 May 2015 9:58

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-16-9.0

Tot Ion:164 Resp: 132264
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.7 124.1
 160 45.7 35.8 53.8

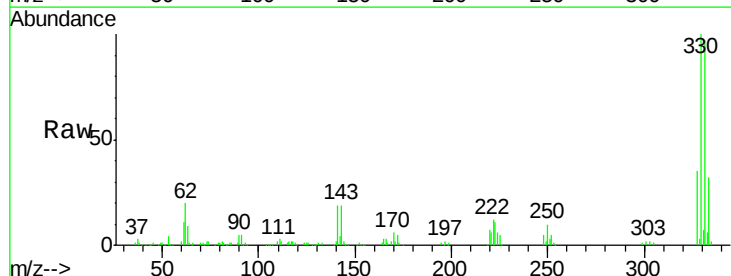


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

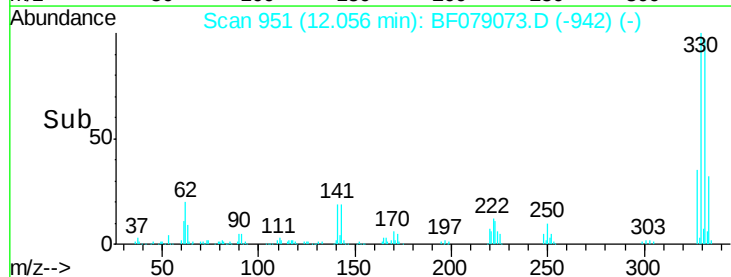
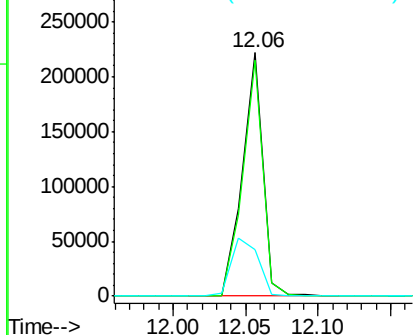


#41
 2,4,6-Tribromophenol
 Concen: 152.73 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079073.D
 Acq: 9 May 2015 9:58

Tgt Ion:330 Resp: 218535
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 31.4 0.0 0.0#



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

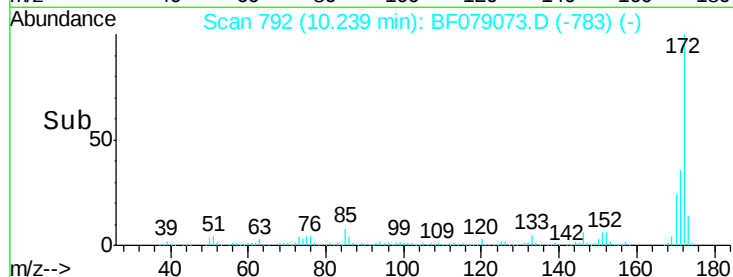
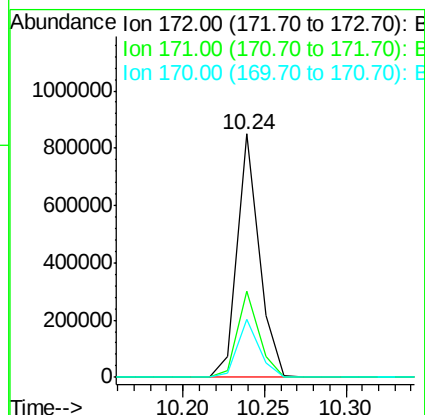
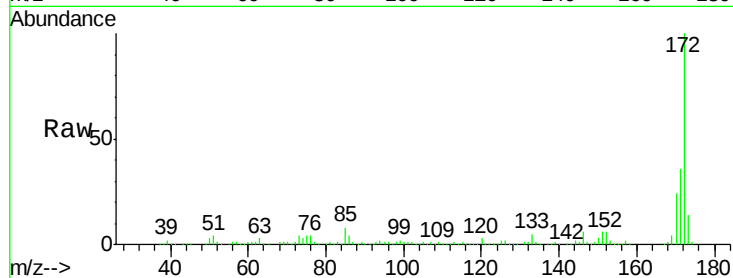




#44
 2-Fluorobiphenyl
 Concen: 82.68 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079073.D
 Acq: 9 May 2015 9:58

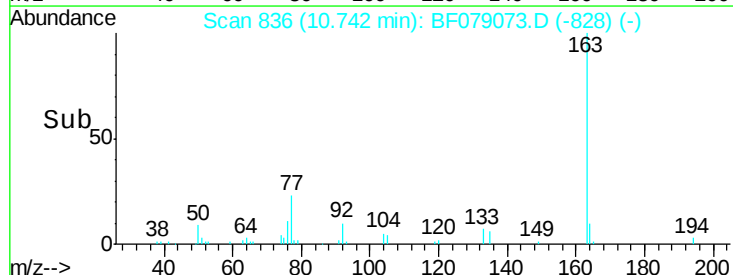
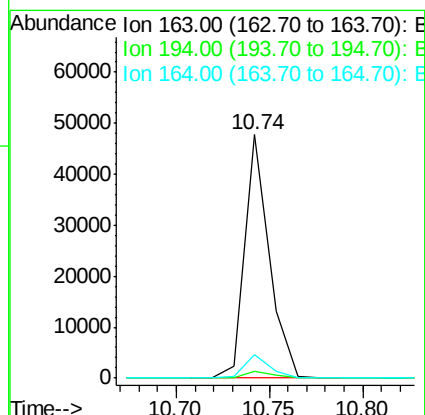
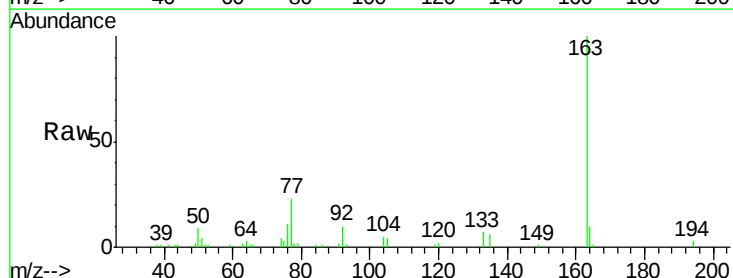
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 ClientSampleId :
 TU012-SB-16-9.0

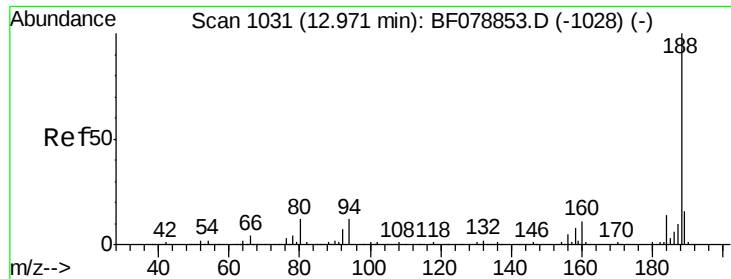
Tot Ion:172 Resp: 784912
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.9 41.9
 170 24.0 19.4 29.0



#49
 Dimethylphthalate
 Concen: 4.50 ng
 RT: 10.74 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF079073.D
 Acq: 9 May 2015 9:58

Tgt Ion:163 Resp: 43662
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 9.7 8.1 12.1

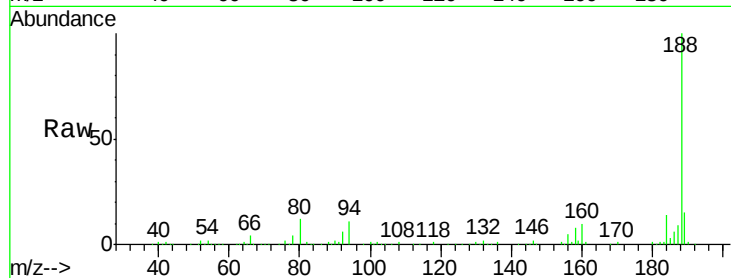




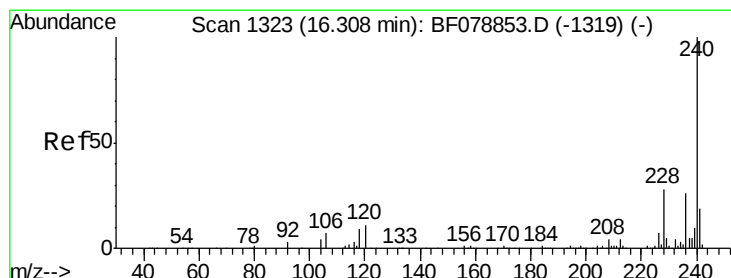
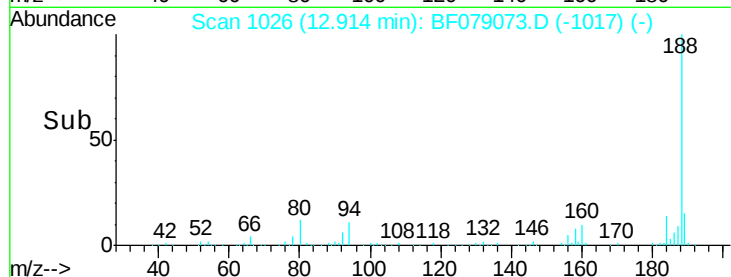
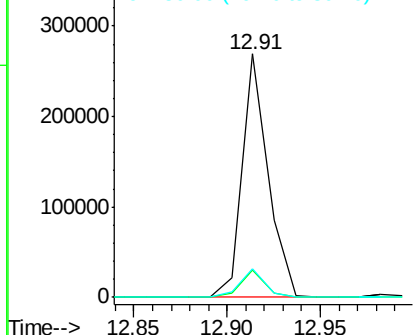
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079073.D
Acq: 9 May 2015 9:58

Instrument :
BNA_F
ClientSampleId :
TU012-SB-16-9.0

Tot Ion:188 Resp: 259454
Ion Ratio Lower Upper
188 100
94 11.3 8.2 12.2
80 11.8 8.9 13.3

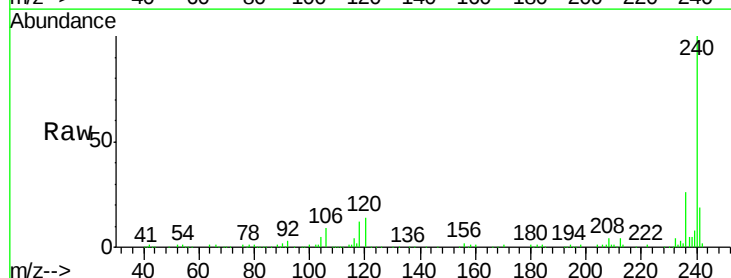


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

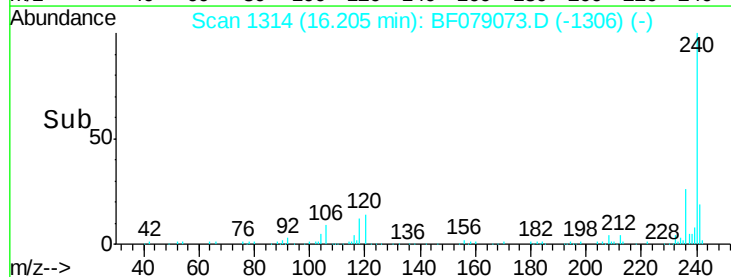
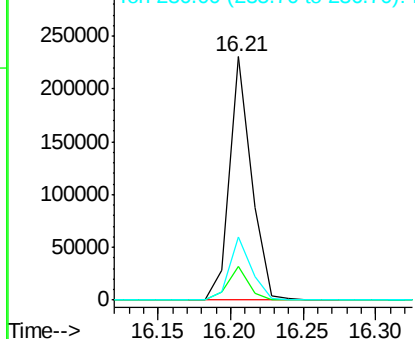


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF079073.D
Acq: 9 May 2015 9:58

Tgt Ion:240 Resp: 242746
Ion Ratio Lower Upper
240 100
120 13.8 9.7 14.5
236 25.9 20.2 30.4



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

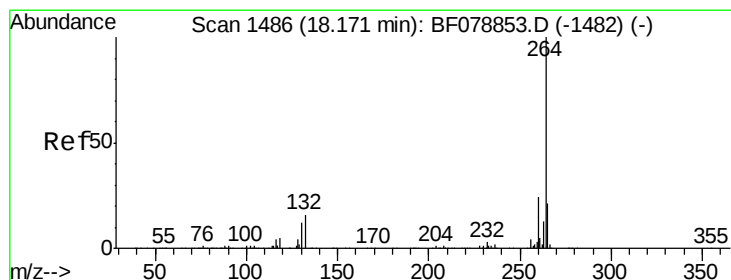
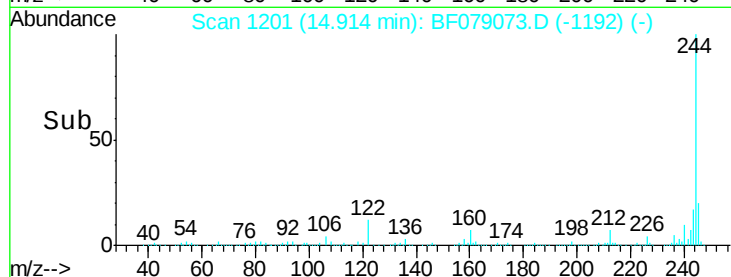
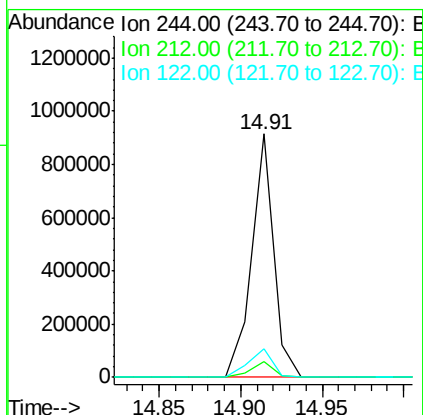
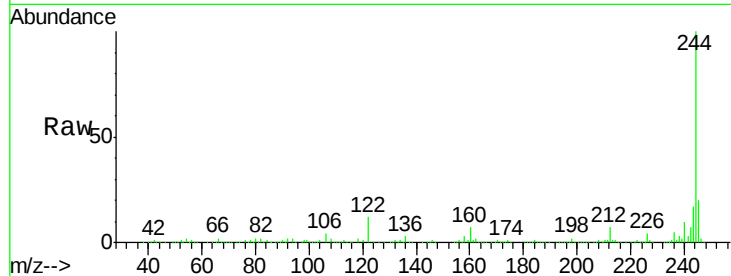




#78
 Terphenyl-d14
 Concen: 84.50 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079073.D
 Acq: 9 May 2015 9:58

Instrument :
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 ClientSampleId :
 TU012-SB-16-9.0

Tot Ion:244 Resp: 856716
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 12.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BF079073.D
 Acq: 9 May 2015 9:58

Tgt Ion:264 Resp: 241626
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.0 18.3 27.5

