

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079048.D
 Acq On : 8 May 2015 20:11
 Operator : TP/IZ
 Sample : G2151-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-TW-01

Quant Time: May 08 23:05:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

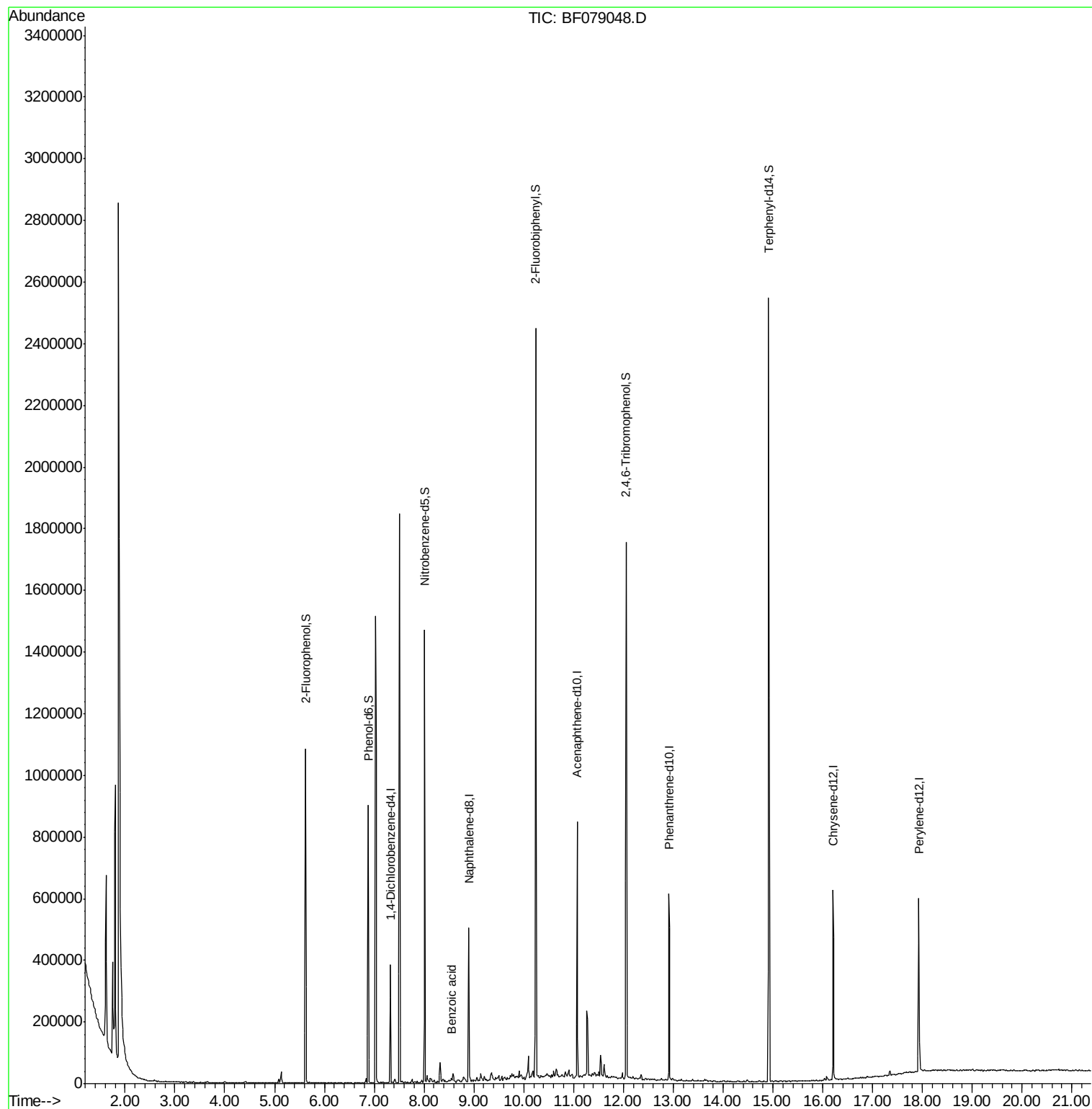
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	76350	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	325742	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	165038	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	301798	20.00	ng	-0.01
75) Chrysene-d12	16.21	240	292866	20.00	ng	-0.05
86) Perylene-d12	17.93	264	296285	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	319566	72.05	ng	0.00
7) Phenol-d6	6.88	99	288067	49.13	ng	-0.01
23) Nitrobenzene-d5	8.01	82	449345	79.28	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	227527	127.44	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	880179	74.30	ng	-0.01
78) Terphenyl-d14	14.91	244	991263	81.03	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	8.55	122	2947	7.19	ng	87

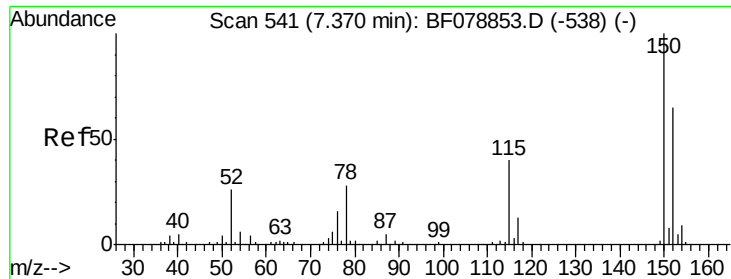
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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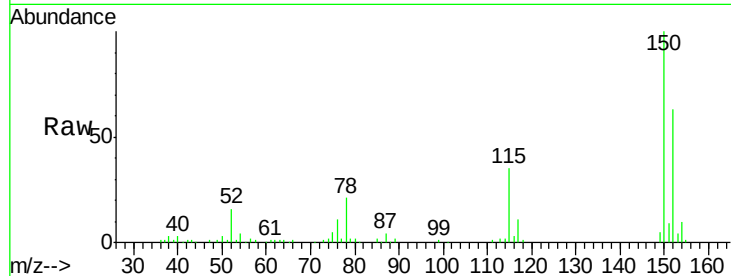


#1

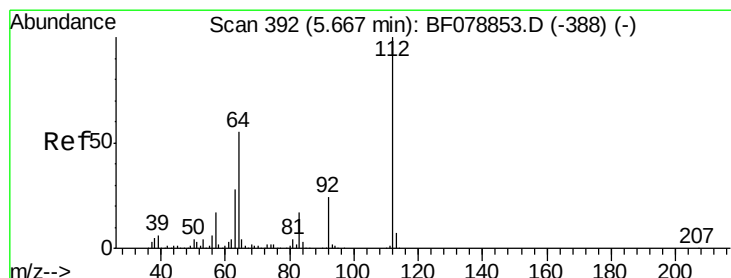
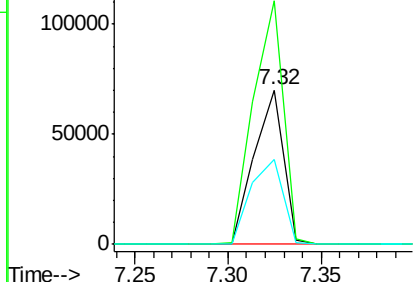
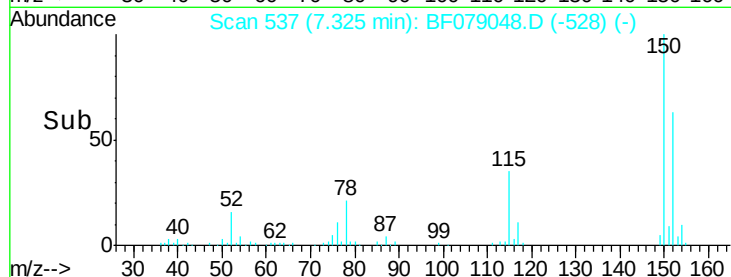
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079048.D
Acq: 8 May 2015 20:11

Instrument :
BNA_F
ClientSampleId :
TU021-TW-01

Tot Ion:152 Resp: 76350
Ion Ratio Lower Upper
152 100
150 158.0 122.0 183.0
115 54.7 46.3 69.5



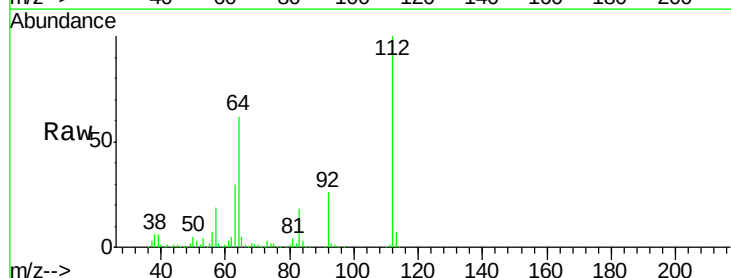
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



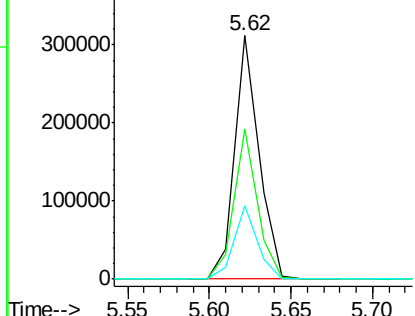
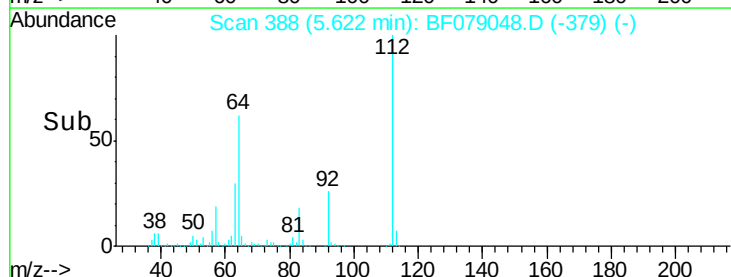
#5

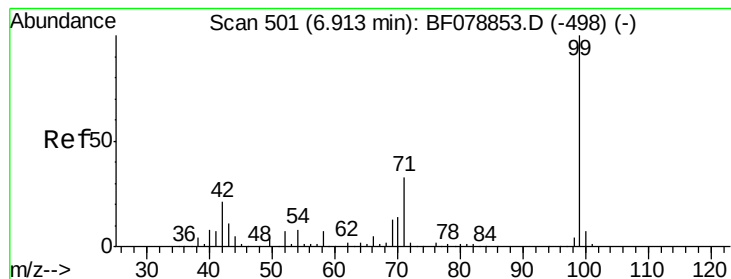
2-Fluorophenol
Concen: 72.05 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079048.D
Acq: 8 May 2015 20:11

Tgt Ion:112 Resp: 319566
Ion Ratio Lower Upper
112 100
64 61.5 53.5 80.3
63 30.2 27.5 41.3



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: 49.13 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079048.D

Acq: 8 May 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TU021-TW-01

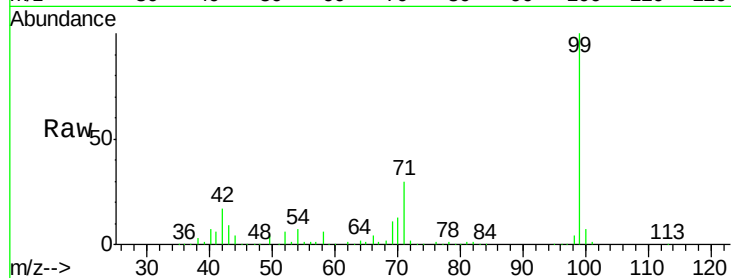
Tot Ion: 99 Resp: 288067

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

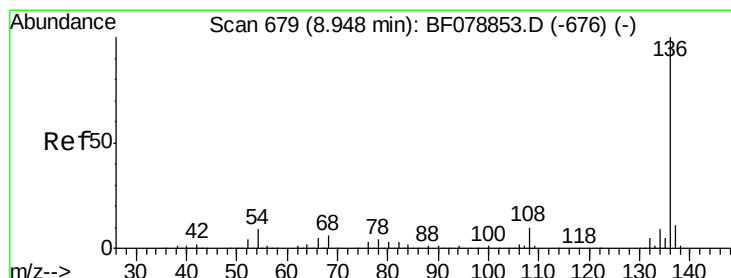
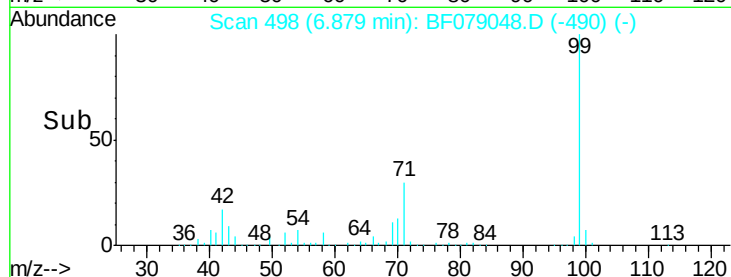
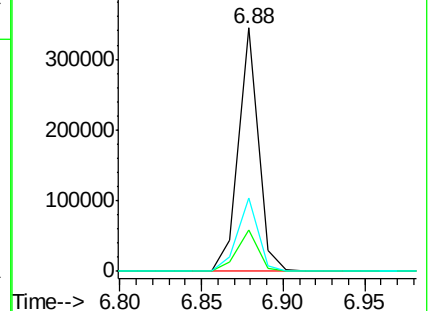
71 30.4 23.4 35.2



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: 8.90 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF079048.D

Acq: 8 May 2015 20:11

Tgt Ion: 136 Resp: 325742

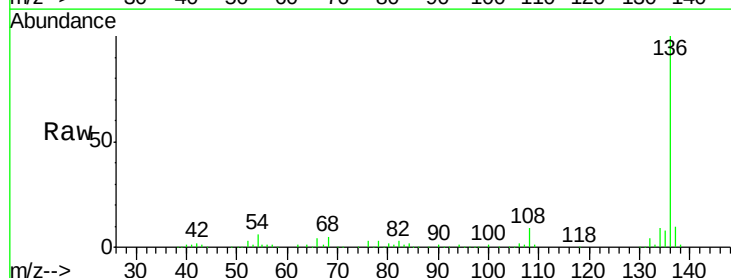
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.8 5.8 8.8

68 4.9 4.2 6.4

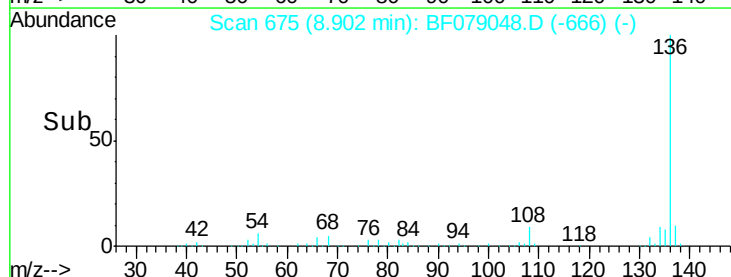
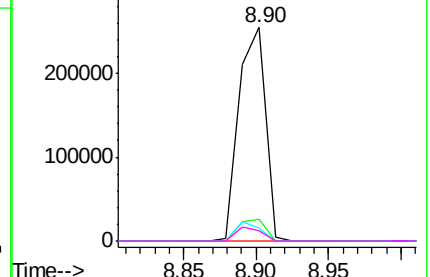


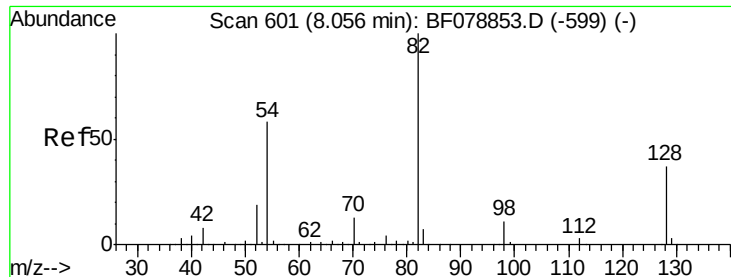
Abundance Ion 136.00 (135.70 to 136.70): E

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

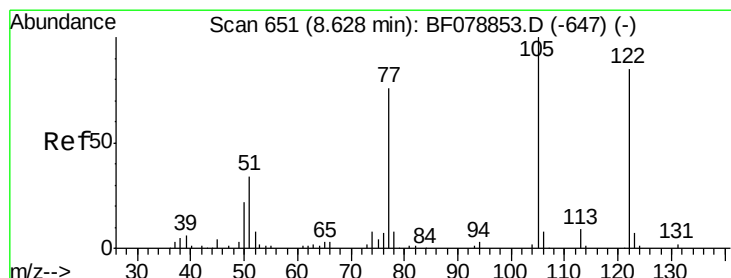
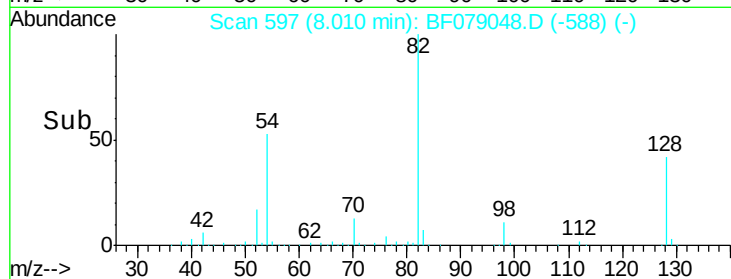
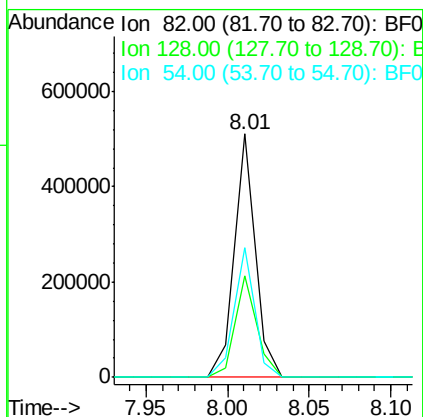
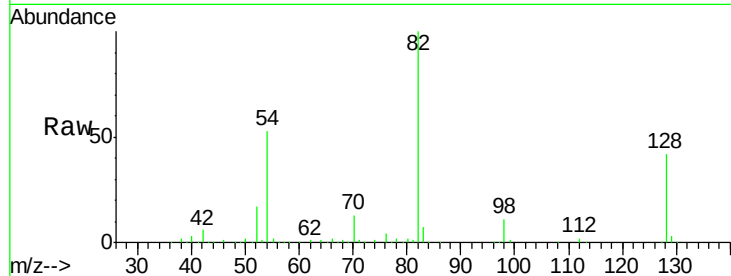




#23
 Nitrobenzene-d5
 Concen: 79.28 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079048.D
 Acq: 8 May 2015 20:11

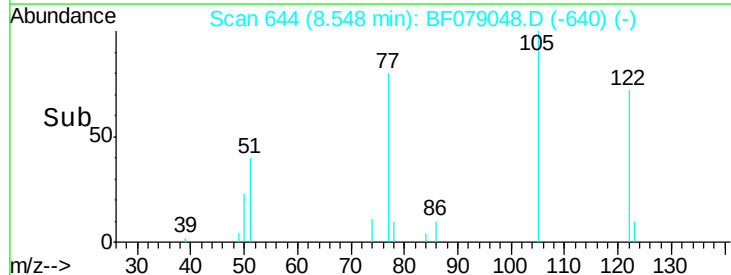
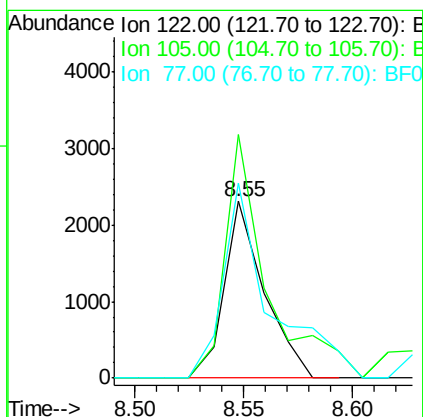
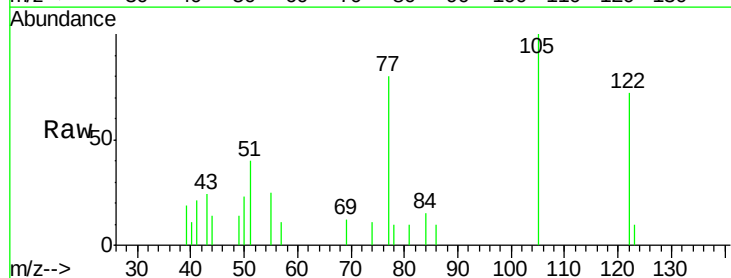
Instrument :
 BNA_F
 ClientSampleId :
 TU021-TW-01

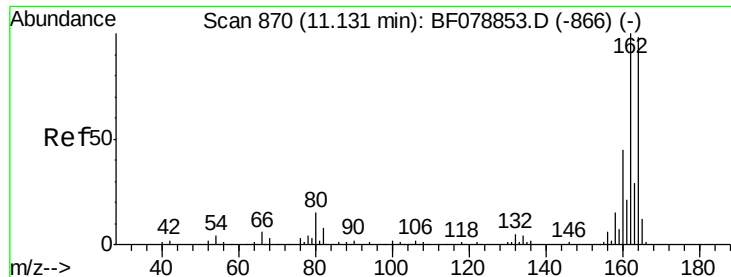
Tot Ion: 82 Resp: 449345
 Ion Ratio Lower Upper
 82 100
 128 41.6 30.0 45.0
 54 53.4 46.4 69.6



#32
 Benzoic acid
 Concen: 7.19 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.06 min
 Lab File: BF079048.D
 Acq: 8 May 2015 20:11

Tgt Ion: 122 Resp: 2947
 Ion Ratio Lower Upper
 122 100
 105 138.0 107.1 147.1
 77 110.8 73.9 113.9

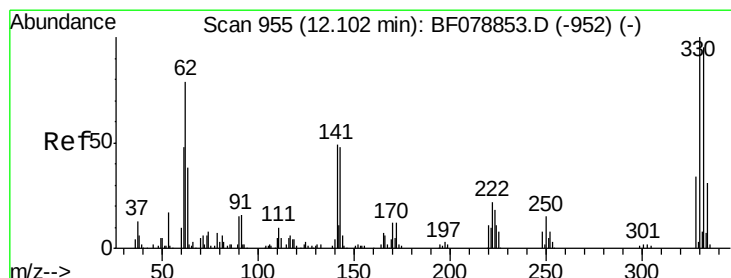
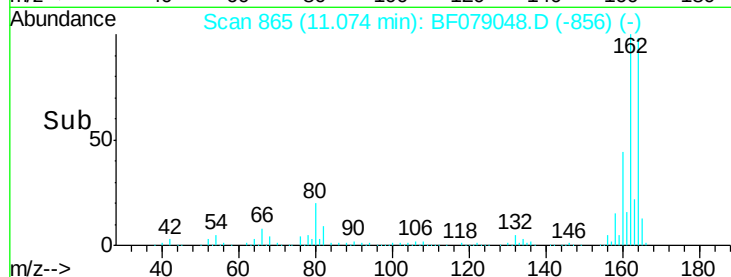
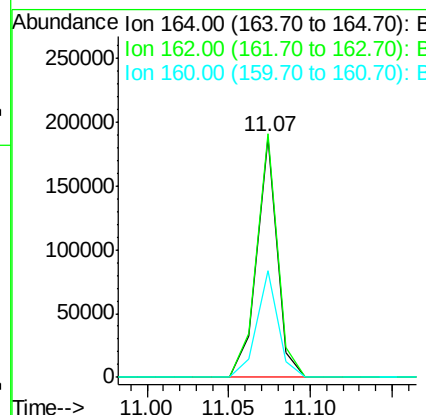
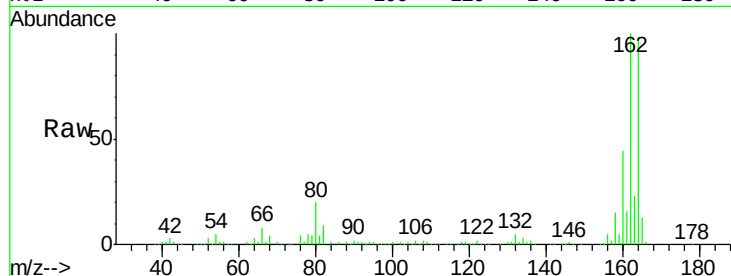




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079048.D
 Acq: 8 May 2015 20:11

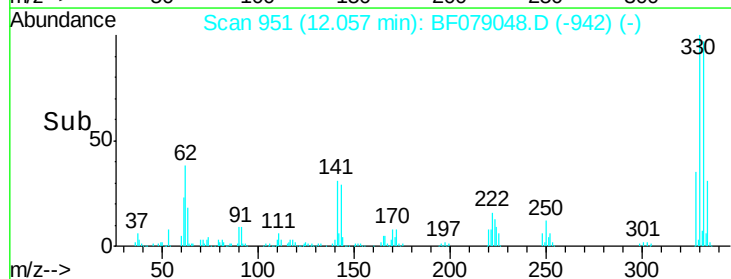
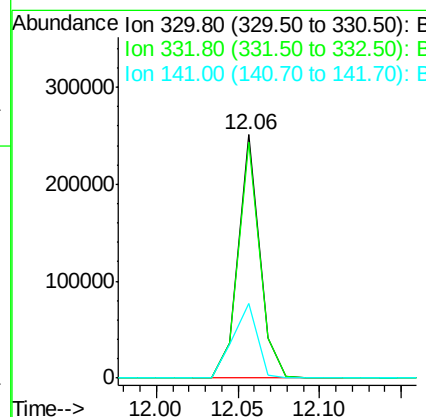
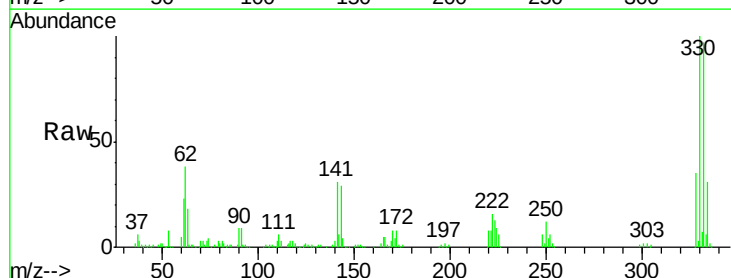
Instrument :
 BNA_F
 ClientSampleId :
 TU021-TW-01

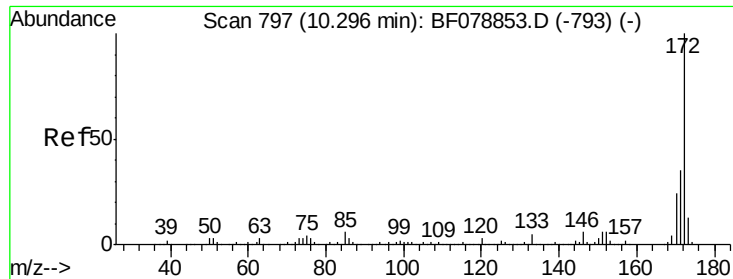
Tot Ion:164 Resp: 165038
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.7 124.1
 160 44.5 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 127.44 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079048.D
 Acq: 8 May 2015 20:11

Tgt Ion:330 Resp: 227527
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 35.4 0.0 0.0#

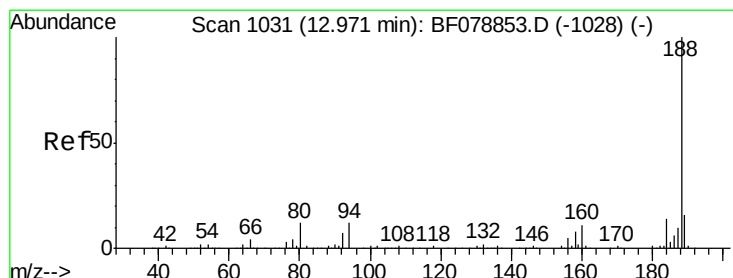
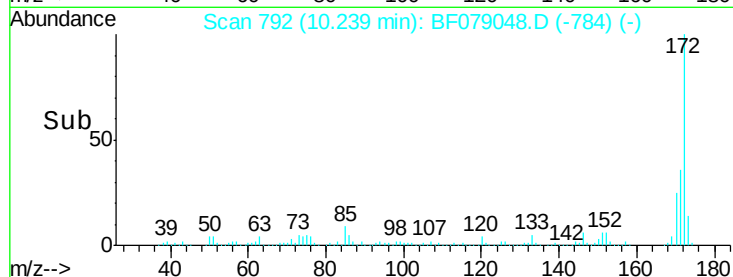
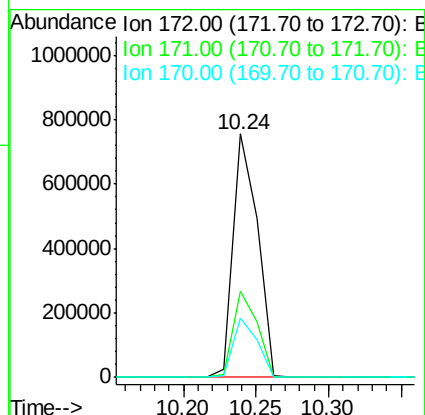
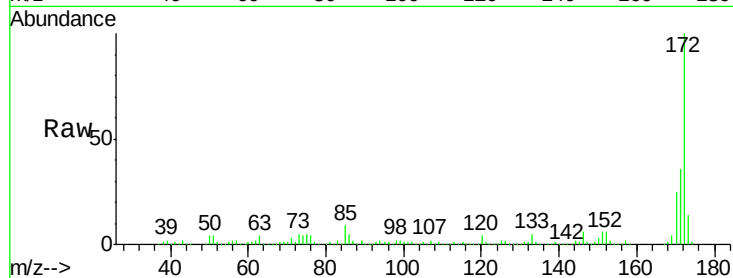




#44
 2-Fluorobiphenyl
 Concen: 74.30 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079048.D
 Acq: 8 May 2015 20:11

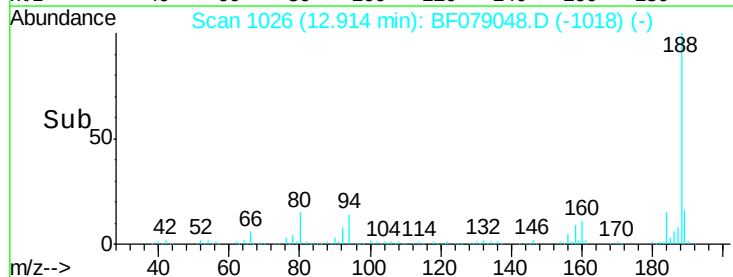
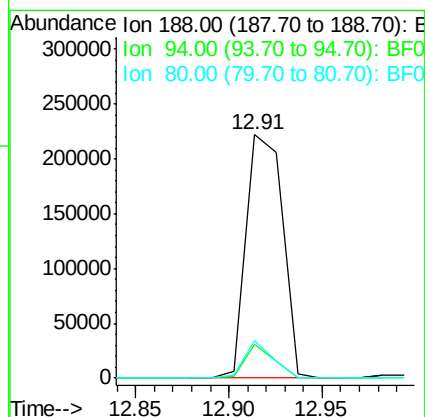
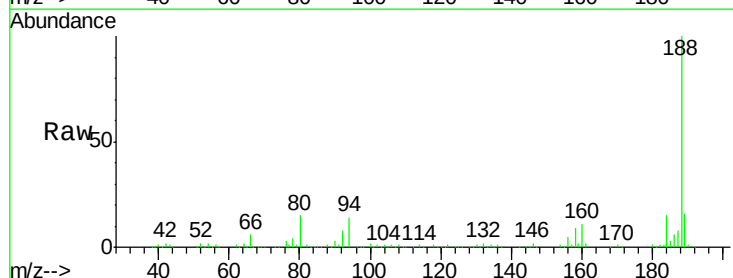
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 BNA_F
 ClientSampleId :
 TU021-TW-01

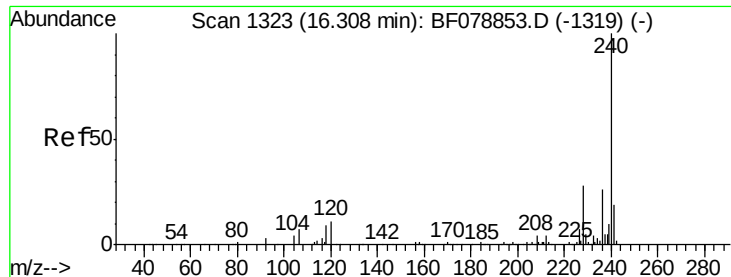
Tot Ion:172 Resp: 880179
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.9 41.9
 170 24.6 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.91 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF079048.D
 Acq: 8 May 2015 20:11

Tgt Ion:188 Resp: 301798
 Ion Ratio Lower Upper
 188 100
 94 13.9 8.2 12.2#
 80 15.5 8.9 13.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.21 min Scan# 1314

Delta R.T. -0.05 min

Lab File: BF079048.D

Acq: 8 May 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TU021-TW-01

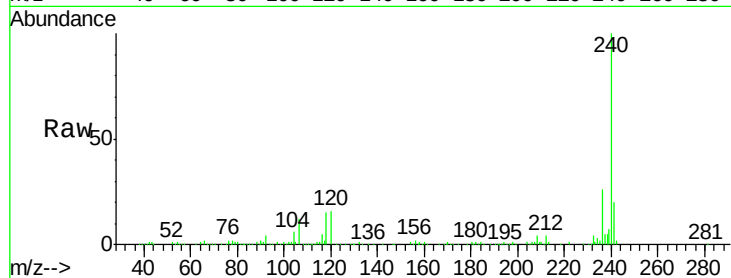
Tot Ion:240 Resp: 292866

Ion Ratio Lower Upper

240 100

120 15.9 9.7 14.5#

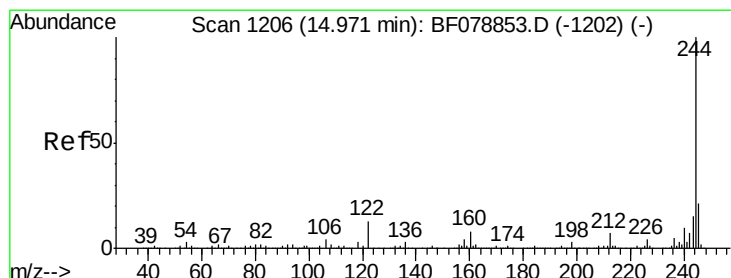
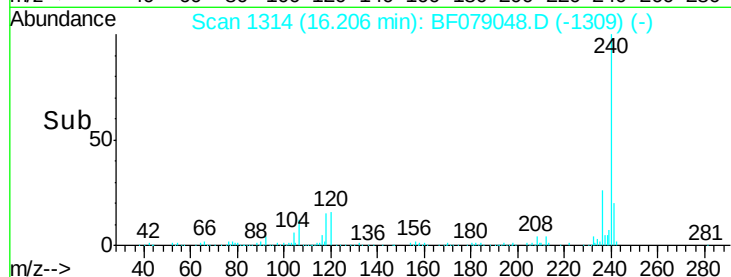
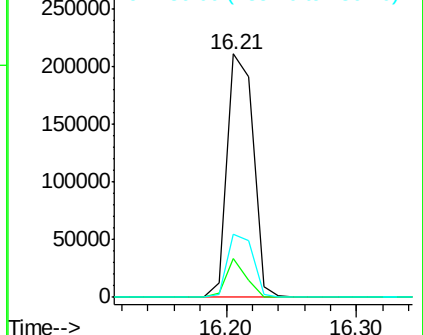
236 25.8 20.2 30.4



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: 81.03 ng

RT: 14.91 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF079048.D

Acq: 8 May 2015 20:11

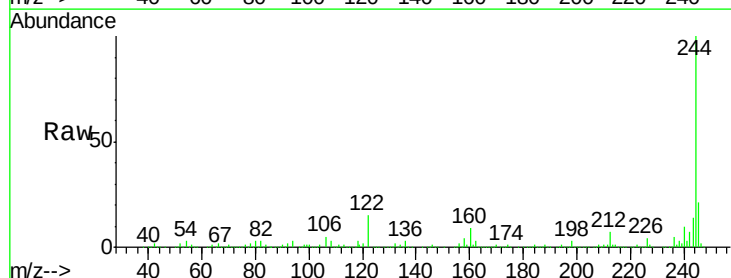
Tgt Ion:244 Resp: 991263

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

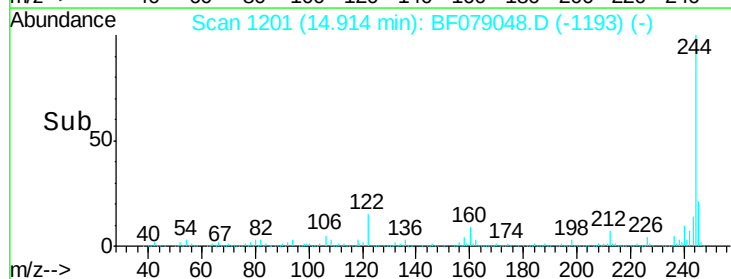
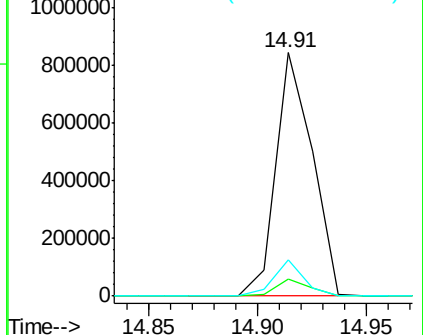
122 15.1 10.3 15.5

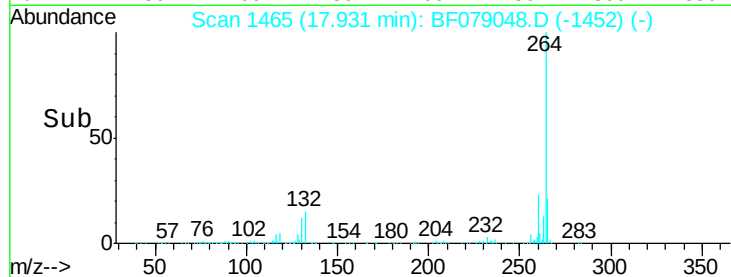
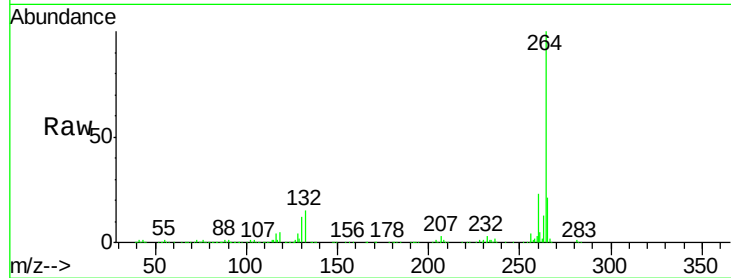
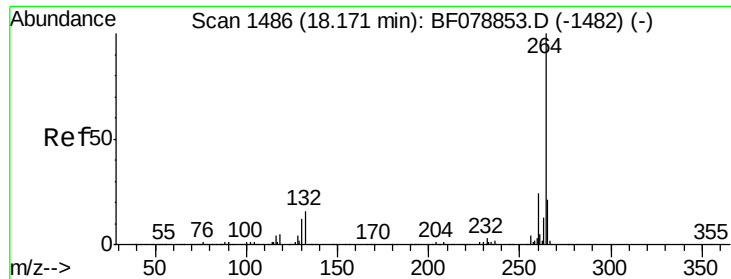


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.93 min Scan# 1465
Delta R.T. -0.15 min
Lab File: BF079048.D
Acq: 8 May 2015 20:11

Instrument :
BNA_F
ClientSampleId :
TU021-TW-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.0	18.3	27.5

