

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
 Data File : BF078979.D
 Acq On : 7 May 2015 5:13
 Operator : TP/IZ
 Sample : G2024-12RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-02

Quant Time: May 07 07:05:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 05:28:56 2015
 Response via : Initial Calibration

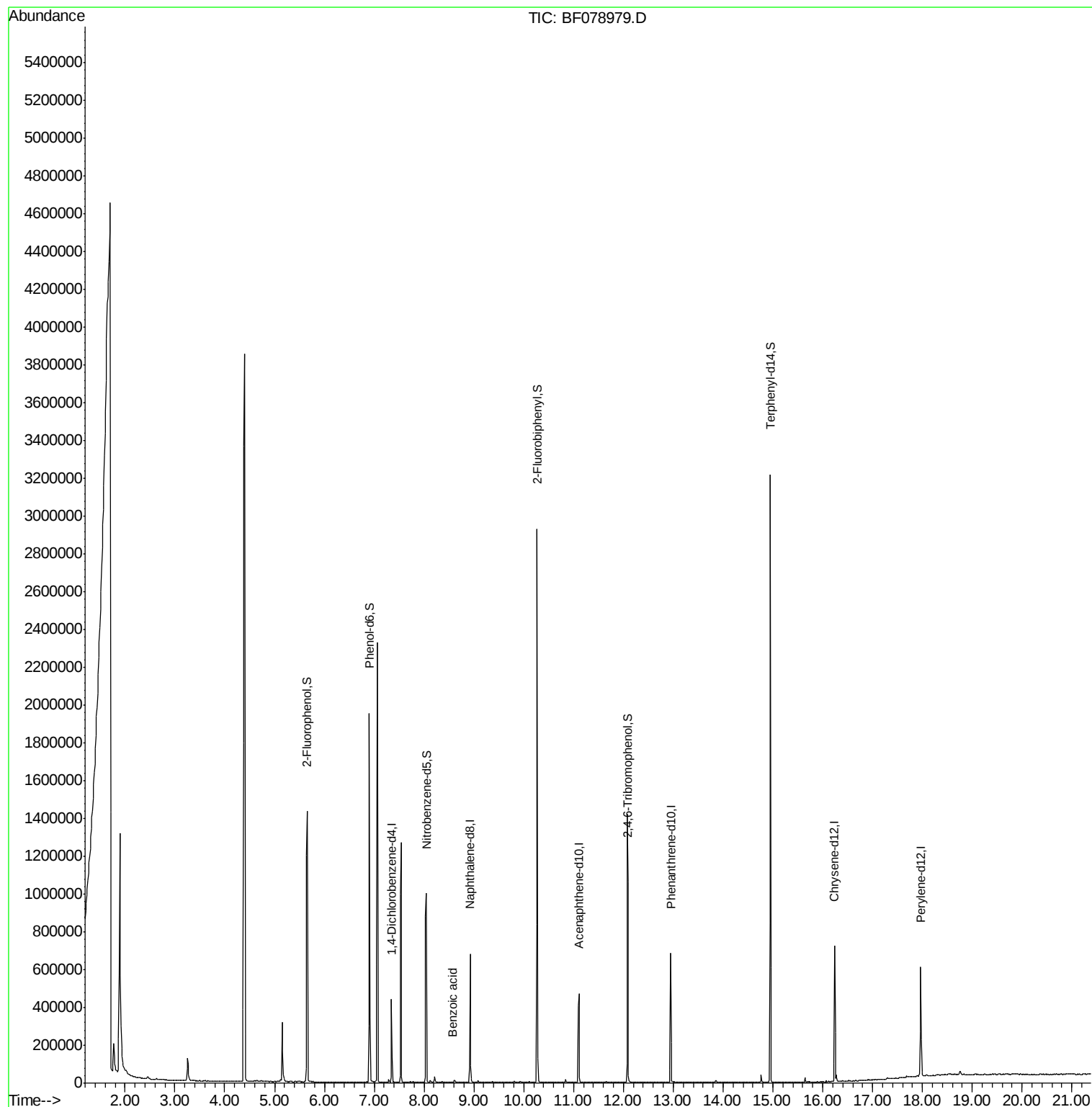
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66406	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	291994	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	134398	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	267220	20.00	ng	0.00
75) Chrysene-d12	16.24	240	273608	20.00	ng	-0.01
86) Perylene-d12	17.97	264	258171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	560799	145.37	ng	0.01
7) Phenol-d6	6.90	99	654952	128.44	ng	0.00
23) Nitrobenzene-d5	8.04	82	453500	89.26	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	241337	165.99	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	922862	95.67	ng	0.00
78) Terphenyl-d14	14.95	244	1101821	96.41	ng	0.00
Target Compounds						
32) Benzoic acid	8.57	122	267	6.40	ng	Qvalue # 83

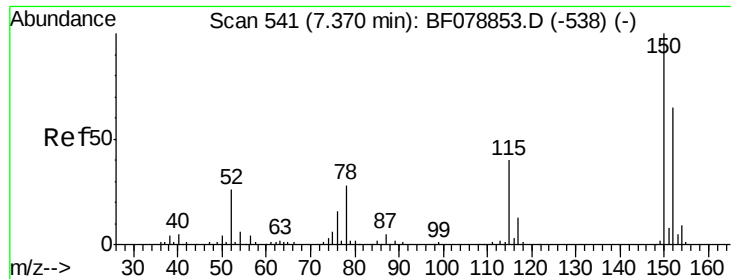
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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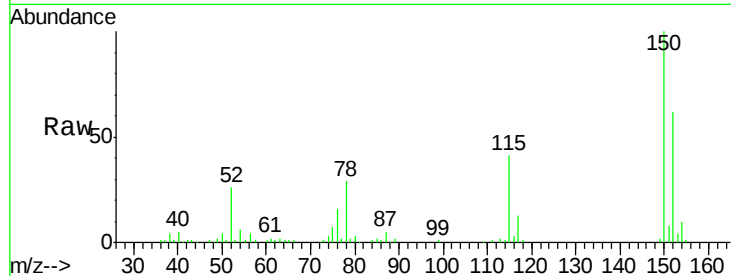




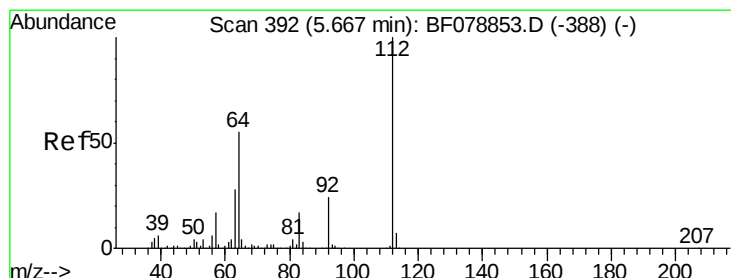
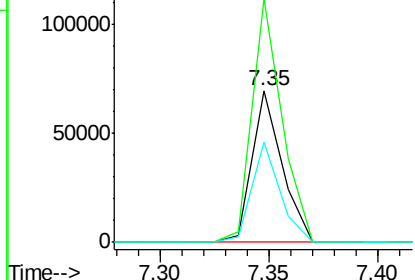
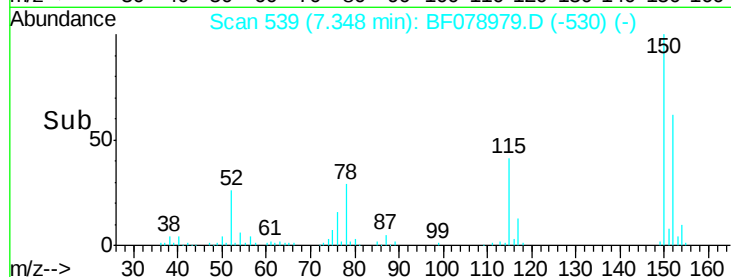
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Instrument :
 BNA_F
 ClientSampleId :
 WC-02

Tgt Ion:152 Resp: 66406
 Ion Ratio Lower Upper
 152 100
 150 160.8 122.0 183.0
 115 66.2 46.3 69.5

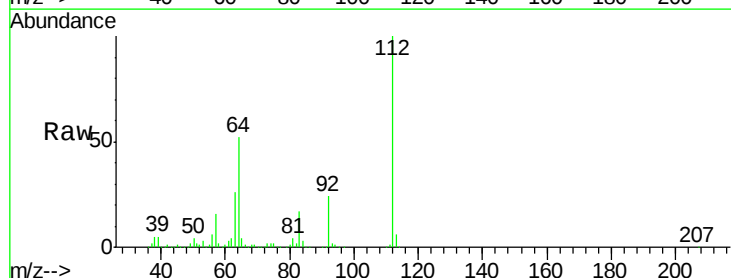


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

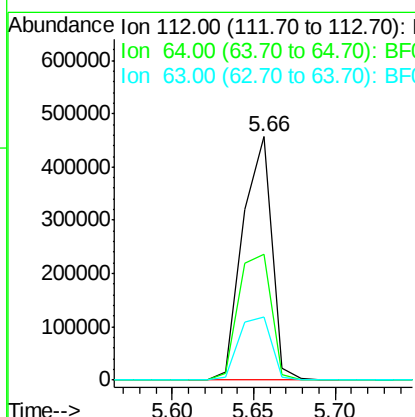
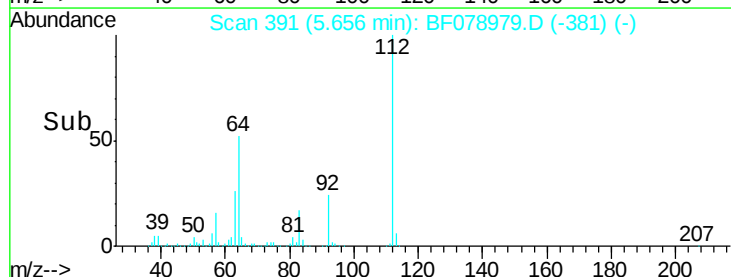


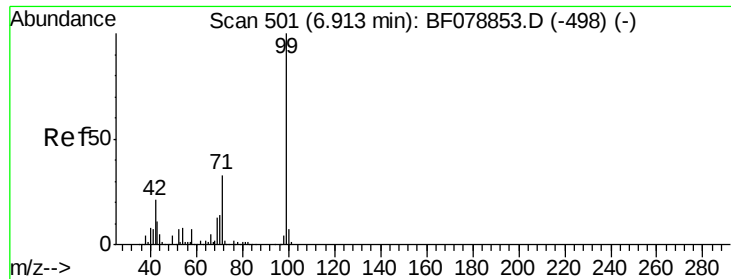
#5
 2-Fluorophenol
 Concen: 145.37 ng
 RT: 5.66 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Tgt Ion:112 Resp: 560799
 Ion Ratio Lower Upper
 112 100
 64 51.9 53.5 80.3#
 63 26.0 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: 128.44 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

Instrument :

BNA_F

ClientSampleId :

WC-02

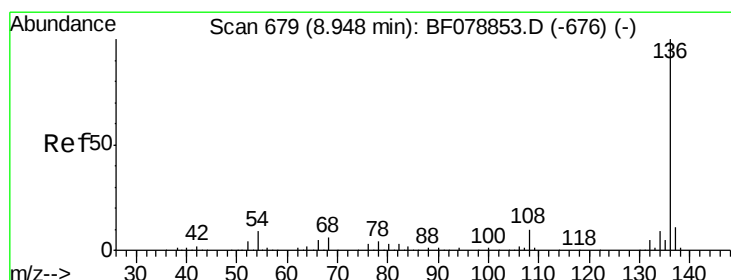
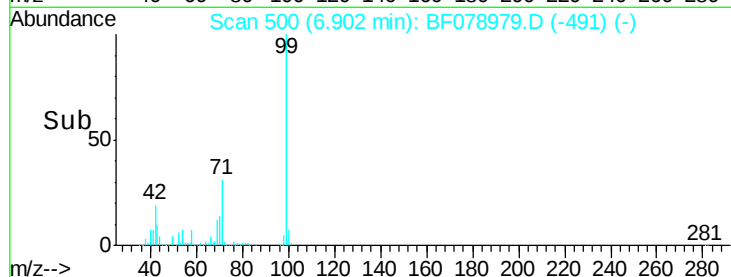
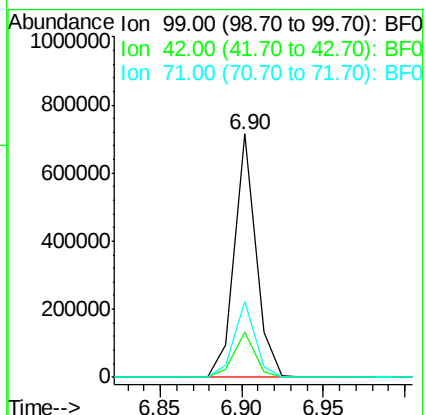
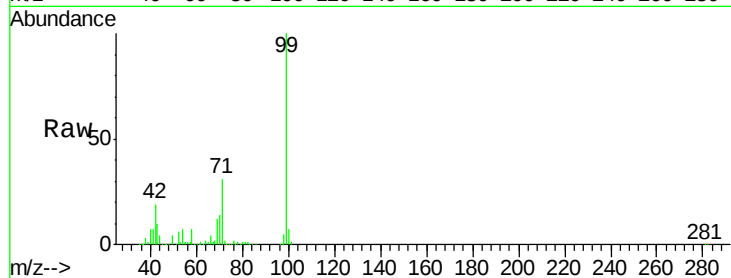
Tgt Ion: 99 Resp: 654952

Ion Ratio Lower Upper

99 100

42 18.6 12.8 19.2

71 31.3 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

Tgt Ion: 136 Resp: 291994

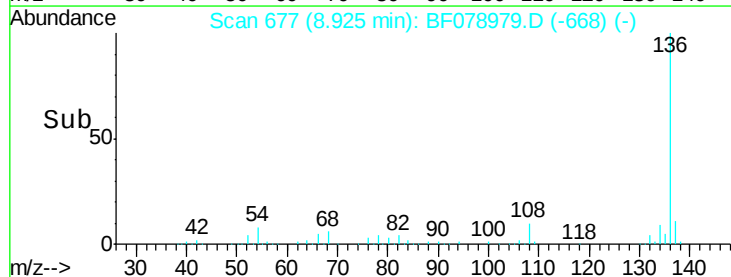
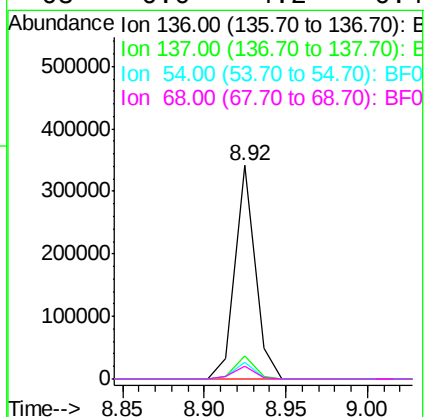
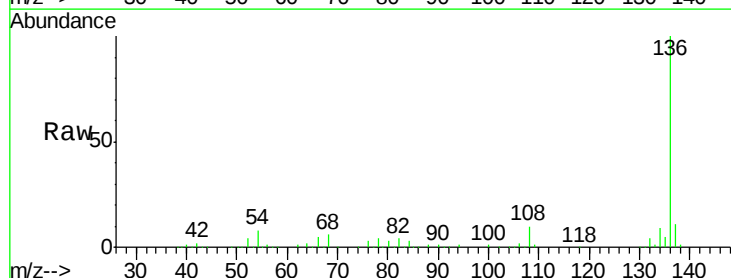
Ion Ratio Lower Upper

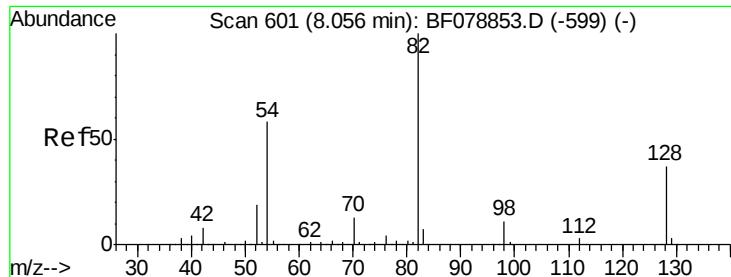
136 100

137 10.8 8.7 13.1

54 7.8 5.8 8.8

68 6.0 4.2 6.4

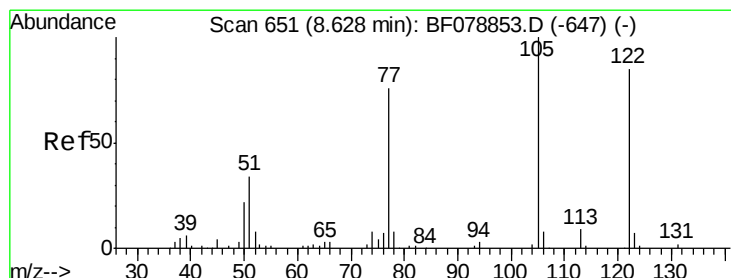
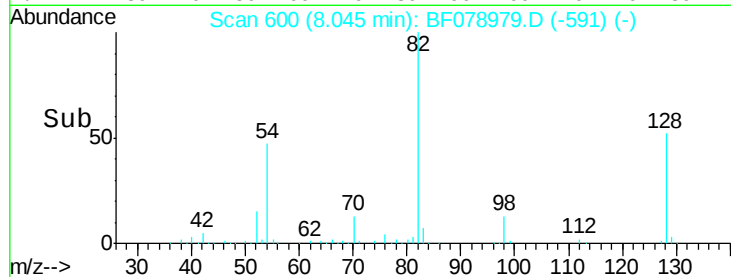
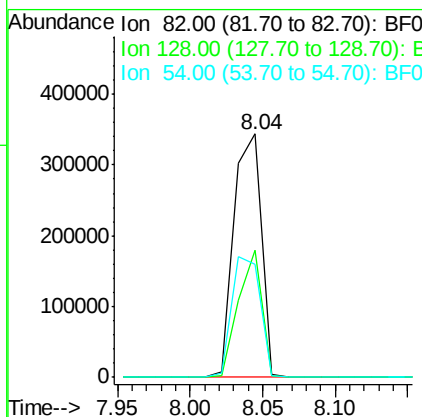
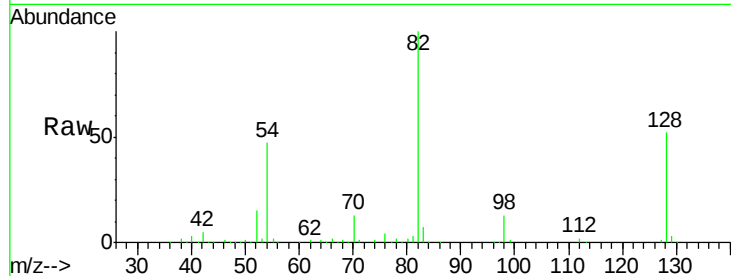




#23
 Nitrobenzene-d5
 Concen: 89.26 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

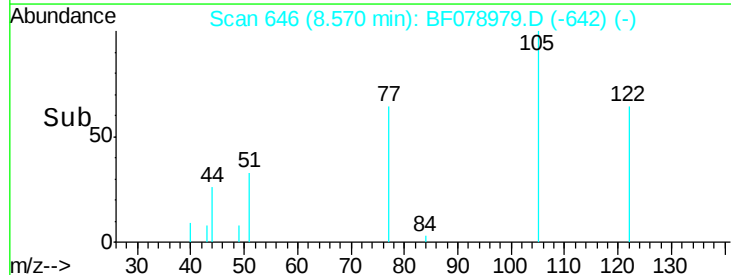
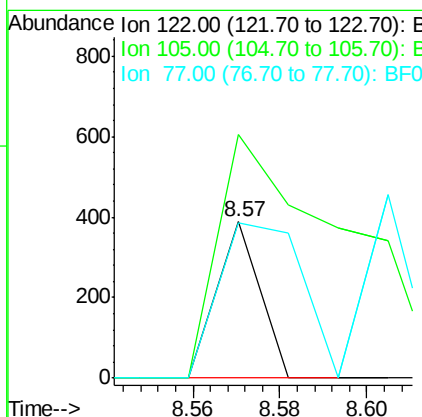
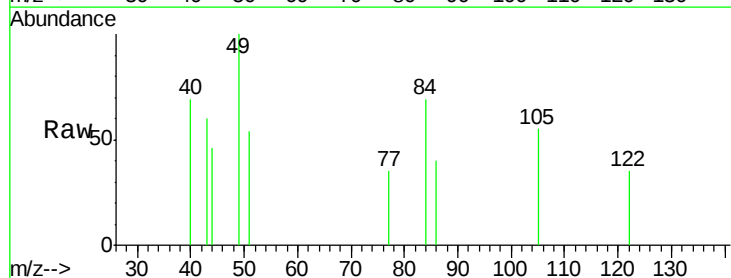
Instrument :
 BNA_F
 ClientSampled :
 WC-02

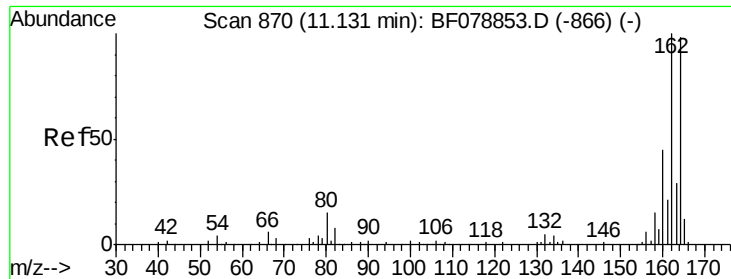
Tgt Ion: 82 Resp: 453500
 Ion Ratio Lower Upper
 82 100
 128 52.0 30.0 45.0#
 54 46.5 46.4 69.6



#32
 Benzoic acid
 Concen: 6.40 ng
 RT: 8.57 min Scan# 646
 Delta R.T. -0.06 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Tgt Ion: 122 Resp: 267
 Ion Ratio Lower Upper
 122 100
 105 155.5 107.1 147.1#
 77 99.2 73.9 113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

Instrument :

BNA_F

ClientSampleId :

WC-02

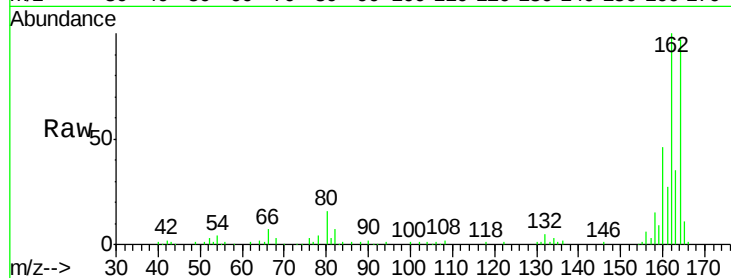
Tgt Ion:164 Resp: 134398

Ion Ratio Lower Upper

164 100

162 103.5 82.7 124.1

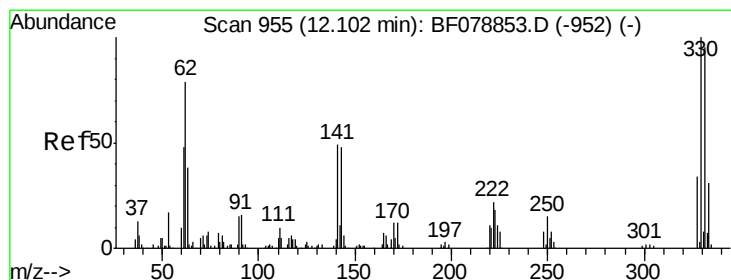
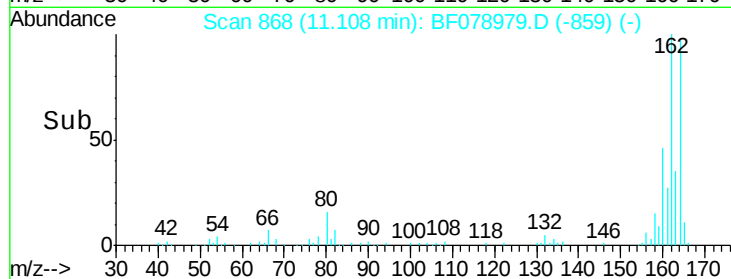
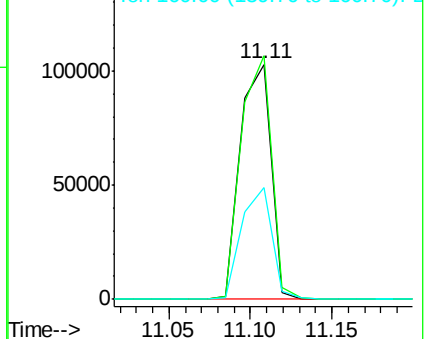
160 47.4 35.8 53.8



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: 165.99 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

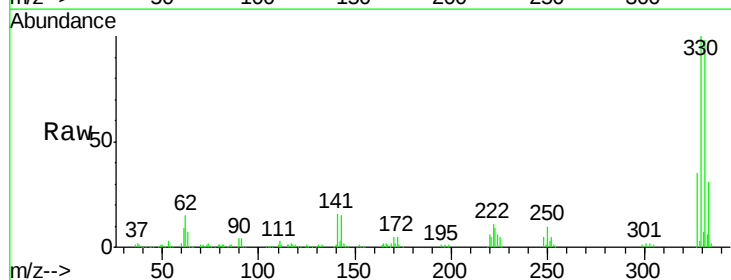
Tgt Ion:330 Resp: 241337

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

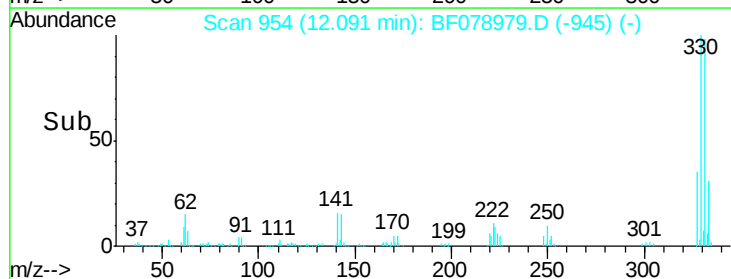
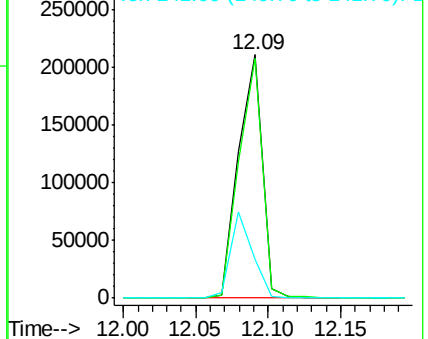
141 32.7 0.0 0.0#

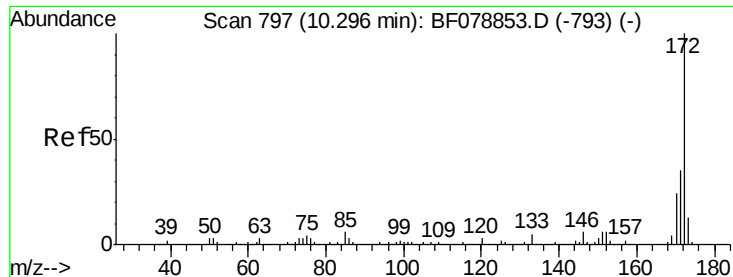


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

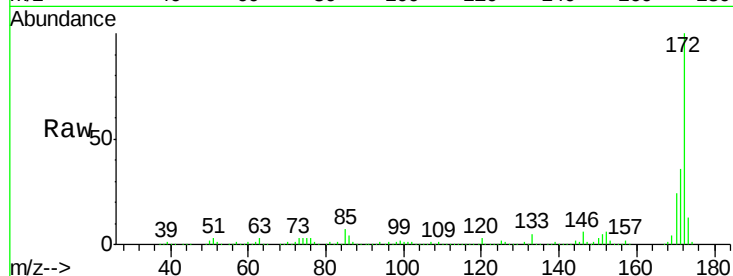




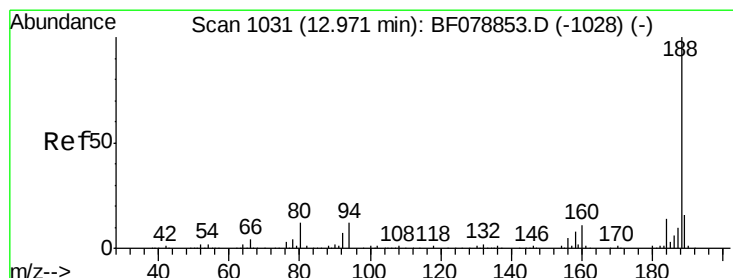
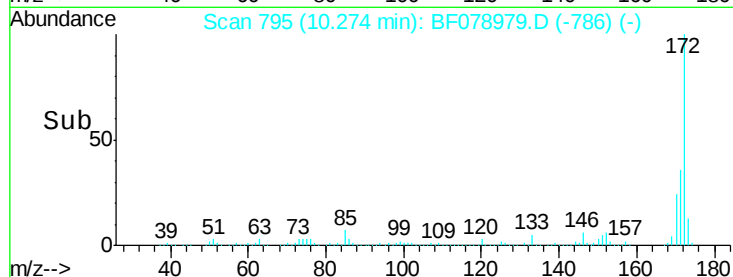
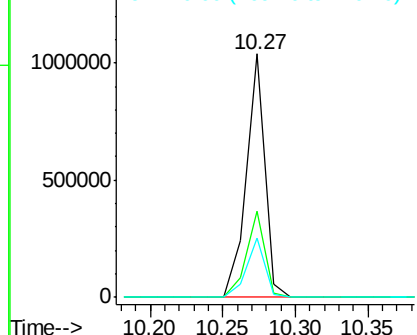
#44
 2-Fluorobiphenyl
 Concen: 95.67 ng
 RT: 10.27 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Instrument :
 BNA_F
 ClientSampleId :
 WC-02

Tgt Ion:172 Resp: 922862
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.9 41.9
 170 24.1 19.4 29.0

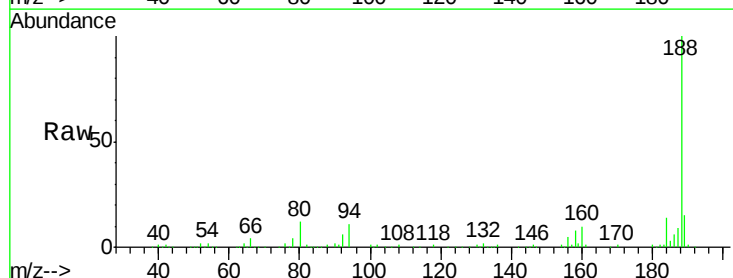


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

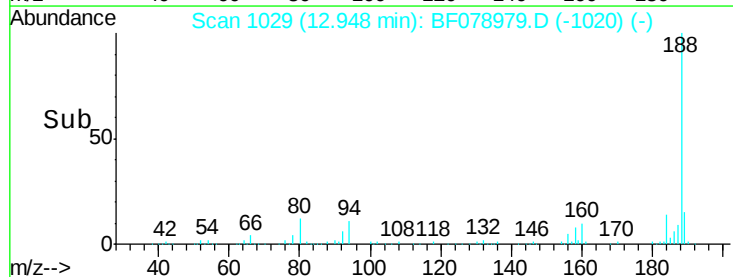
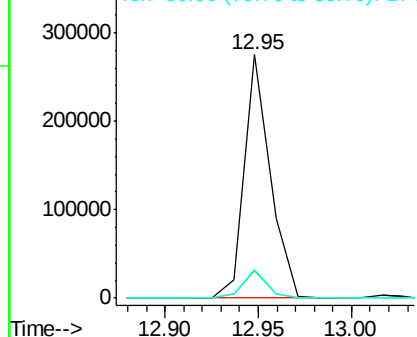


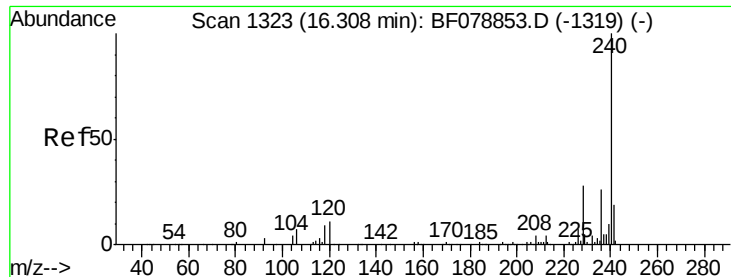
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Tgt Ion:188 Resp: 267220
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.2 12.2
 80 11.7 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: 16.24 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

Instrument :

BNA_F

ClientSampleId :

WC-02

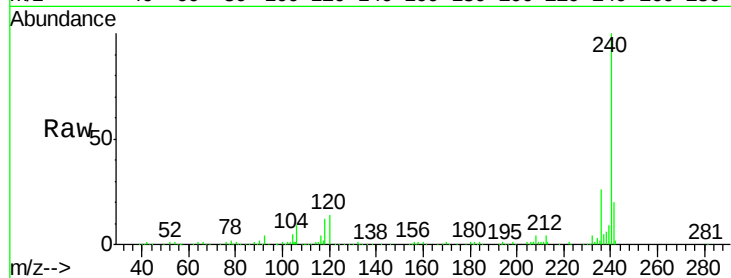
Tgt Ion:240 Resp: 273608

Ion Ratio Lower Upper

240 100

120 14.1 9.7 14.5

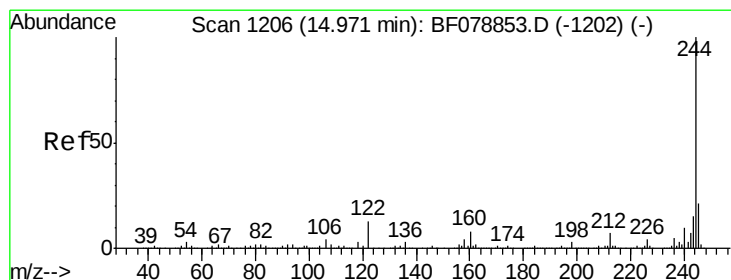
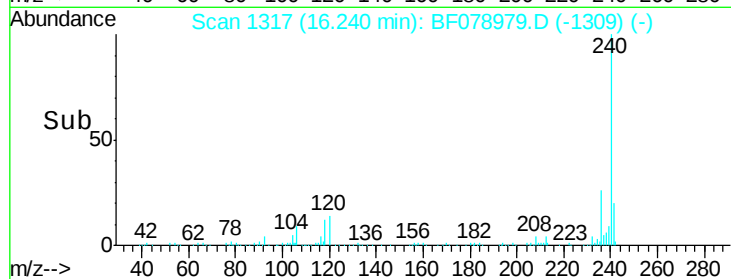
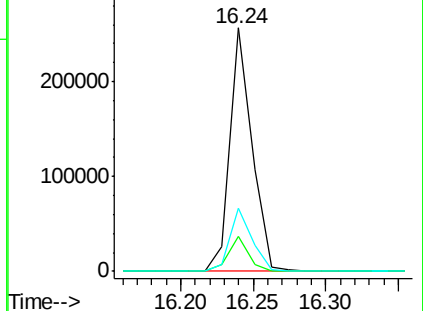
236 25.7 20.2 30.4



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: 96.41 ng

RT: 14.95 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

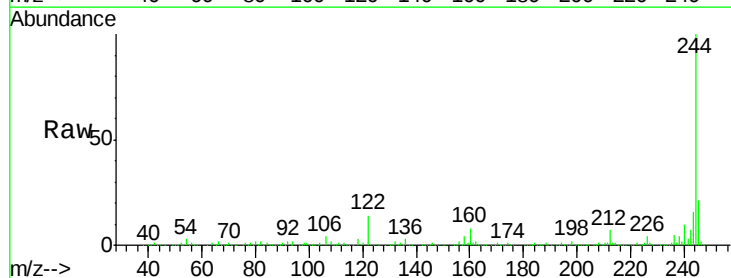
Tgt Ion:244 Resp: 1101821

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

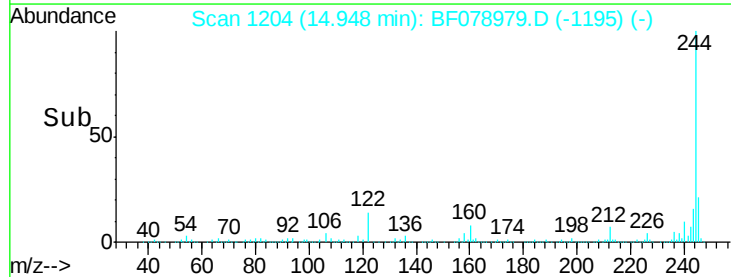
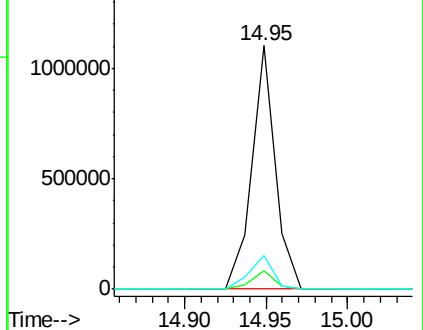
122 13.7 10.3 15.5

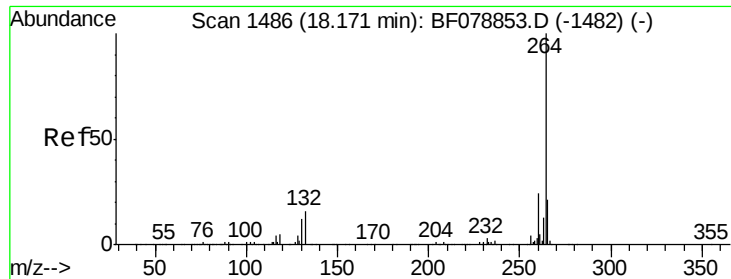


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

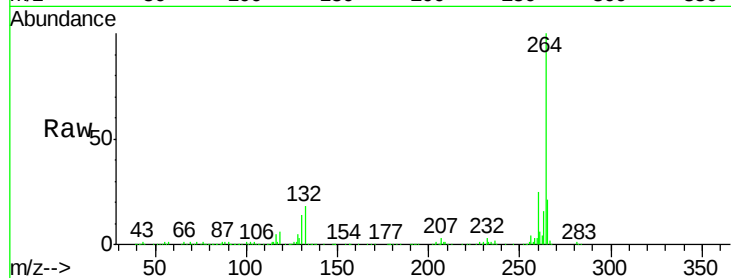




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.97 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF078979.D
Acq: 7 May 2015 5:13

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion: 264 Resp: 258171
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 20.7 18.3 27.5



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

