

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078986.D
 Acq On : 7 May 2015 8:34
 Operator : TP/IZ
 Sample : G2046-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-11

Quant Time: May 07 12:45:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	101297	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	437414	20.00	ng	-0.02
38) Acenaphthene-d10	11.11	164	211727	20.00	ng	-0.02
63) Phenanthrene-d10	12.95	188	406099	20.00	ng	-0.02
75) Chrysene-d12	16.26	240	451812	20.00	ng	-0.03
86) Perylene-d12	18.06	264	446381	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	391122	66.46	ng	-0.01
7) Phenol-d6	6.90	99	338673	43.54	ng	-0.02
23) Nitrobenzene-d5	8.04	82	689446	90.59	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	344948	150.60	ng	-0.02
44) 2-Fluorobiphenyl	10.27	172	1247329	82.08	ng	-0.02
78) Terphenyl-d14	14.95	244	1408590	74.64	ng	-0.02

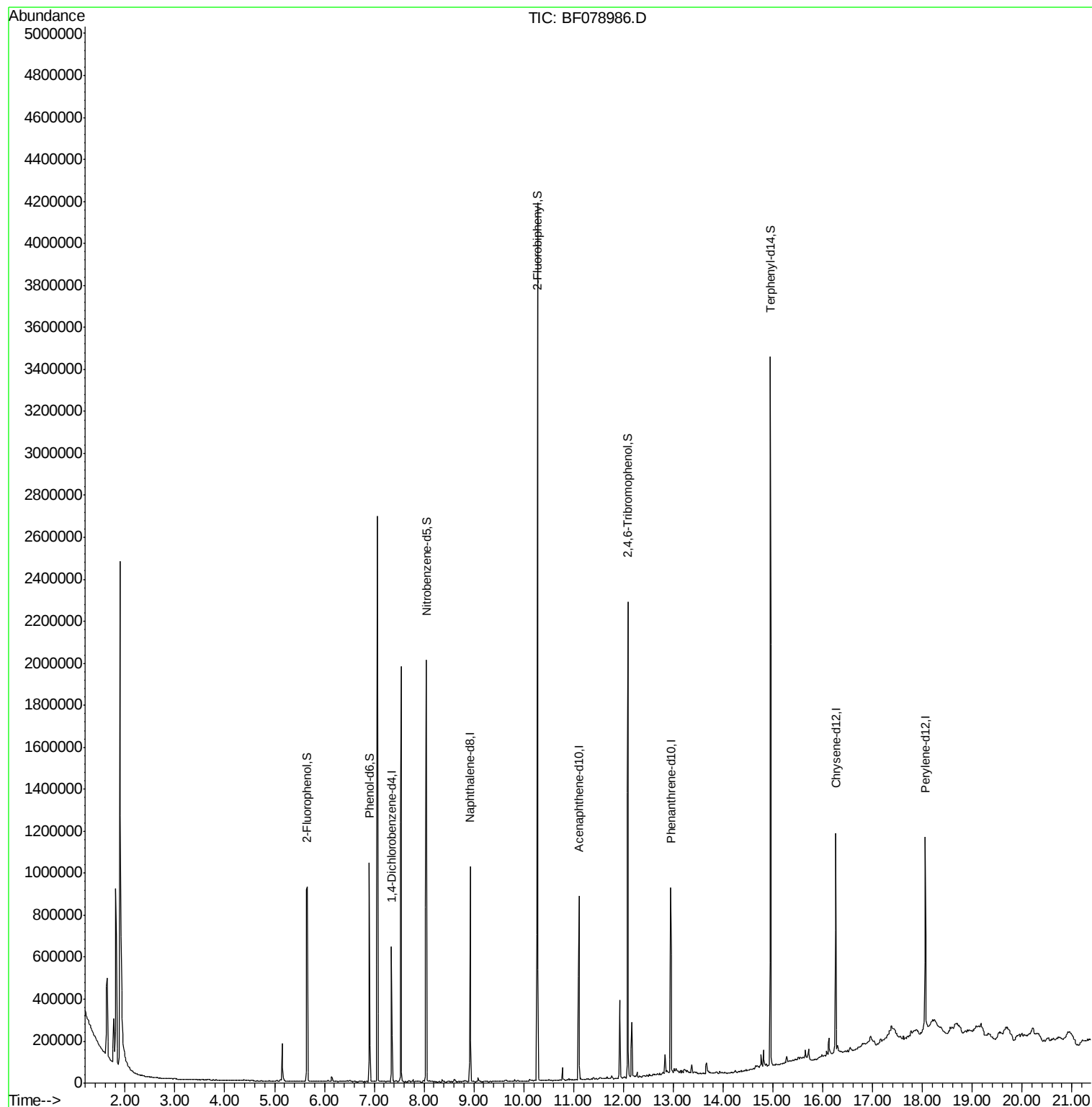
Target Compounds Qvalue

(#) = 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. -0.02 min

Lab File: BF078986.D

Acq: 7 May 2015 8:34

Instrument :

BNA_F

ClientSampleId :

W-11

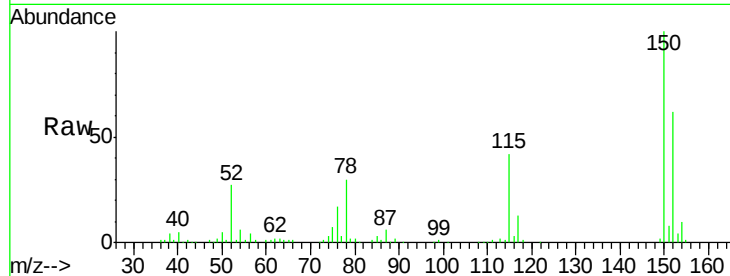
Tot Ion:152 Resp: 101297

Ion Ratio Lower Upper

152 100

150 162.1 122.0 183.0

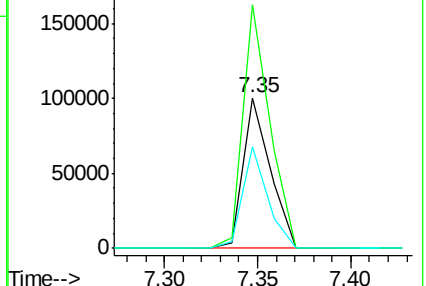
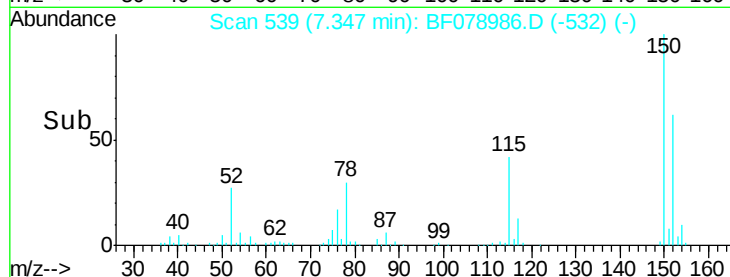
115 67.3 46.3 69.5



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: 66.46 ng

RT: 5.66 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF078986.D

Acq: 7 May 2015 8:34

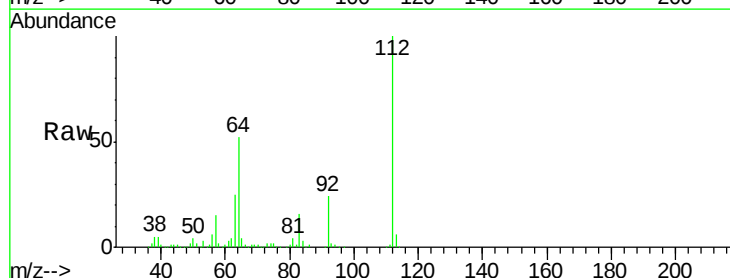
Tgt Ion:112 Resp: 391122

Ion Ratio Lower Upper

112 100

64 51.5 53.5 80.3#

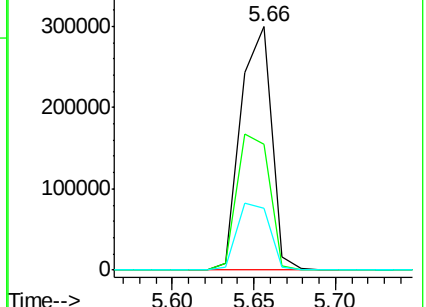
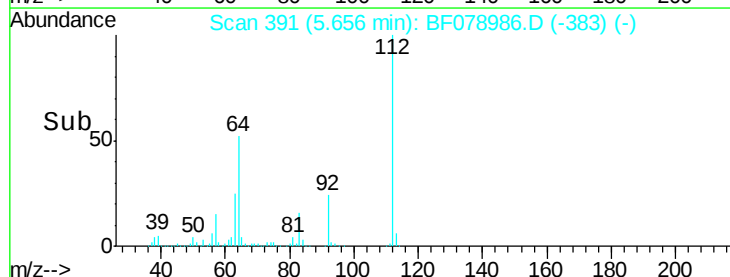
63 25.3 27.5 41.3#



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: 43.54 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078986.D

Acq: 7 May 2015 8:34

Instrument :

BNA_F

ClientSampled :

W-11

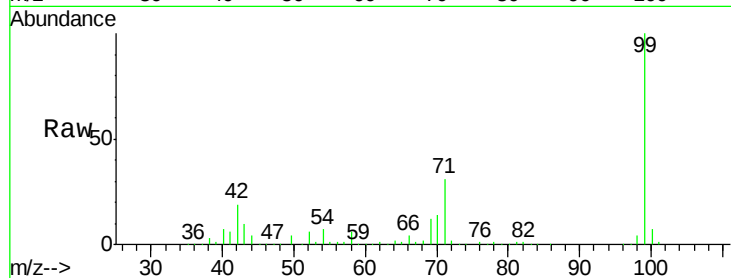
Tot Ion: 99 Resp: 338673

Ion Ratio Lower Upper

99 100

42 18.5 12.8 19.2

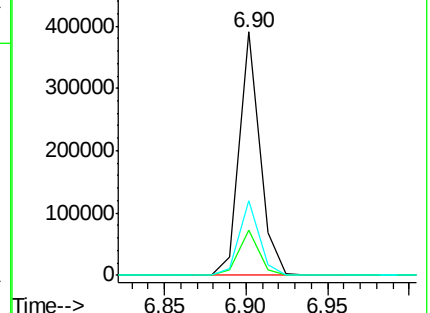
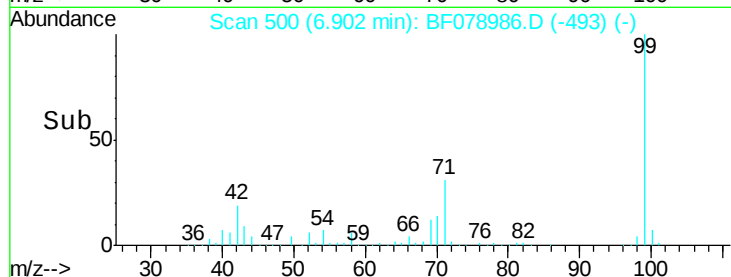
71 30.6 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF078986.D

Acq: 7 May 2015 8:34

Tgt Ion: 136 Resp: 437414

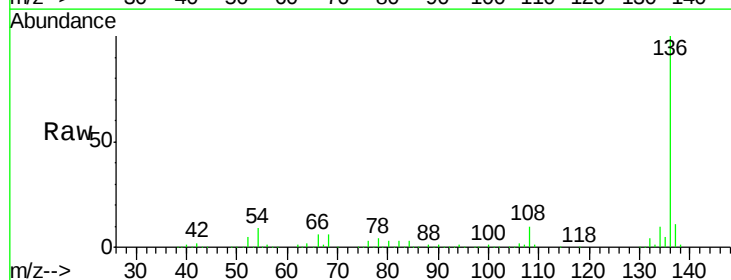
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.9 5.8 8.8#

68 6.4 4.2 6.4#

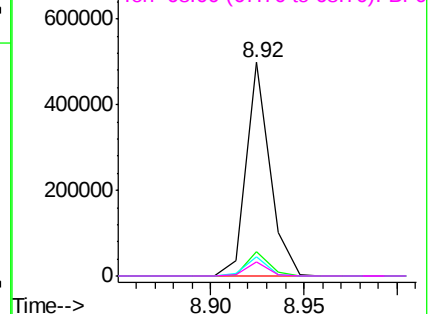
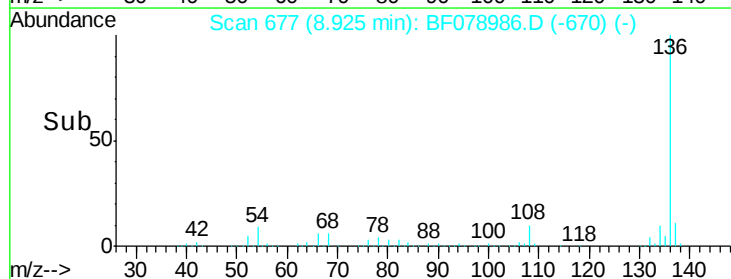


Abundance Ion 136.00 (135.70 to 136.70): E

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

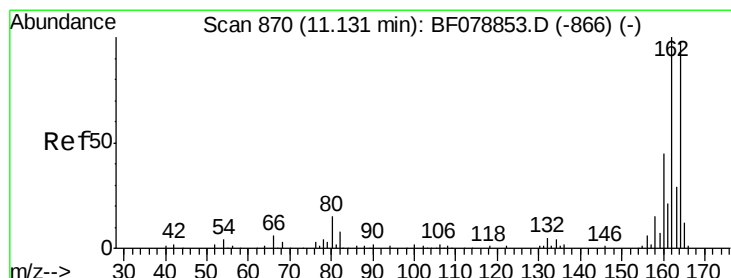
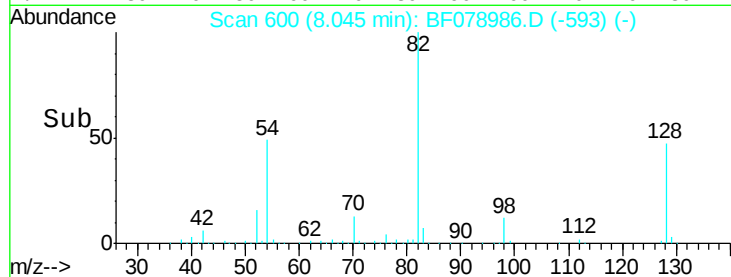
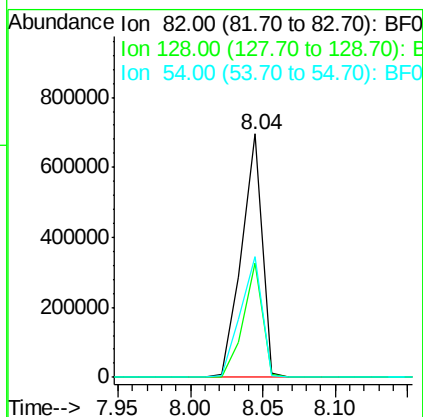
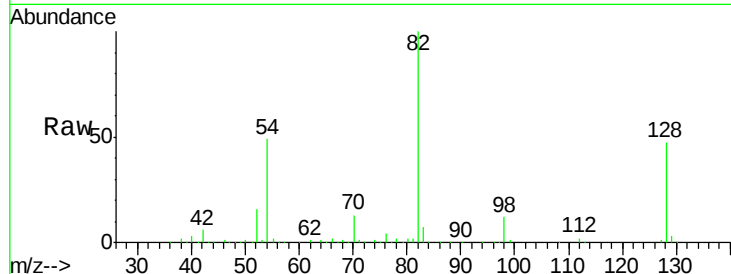




#23
Nitrobenzene-d5
Concen: 90.59 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF078986.D
Acq: 7 May 2015 8:34

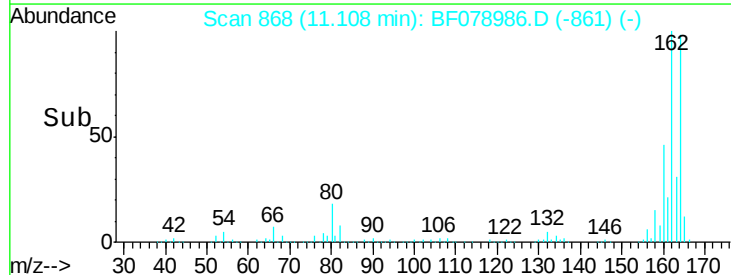
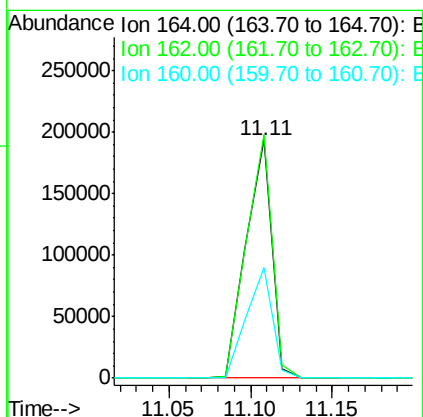
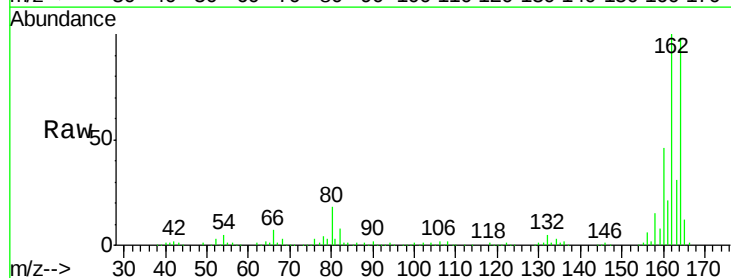
Instrument :
BNA_F
ClientSampled :
W-11

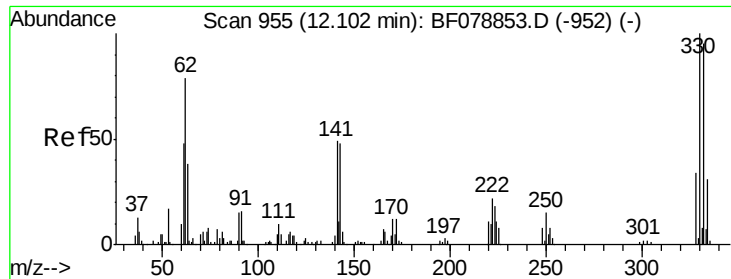
Tot Ion: 82 Resp: 689446
Ion Ratio Lower Upper
82 100
128 47.0 30.0 45.0#
54 49.4 46.4 69.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF078986.D
Acq: 7 May 2015 8:34

Tgt Ion:164 Resp: 211727
Ion Ratio Lower Upper
164 100
162 102.2 82.7 124.1
160 46.5 35.8 53.8

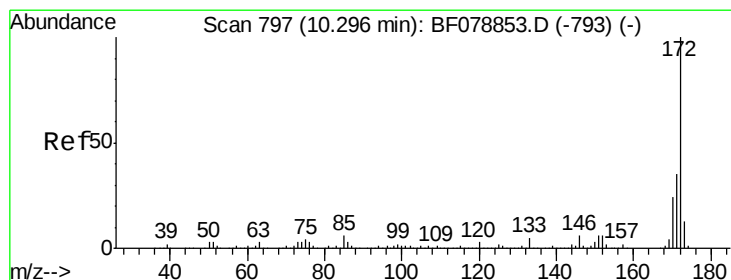
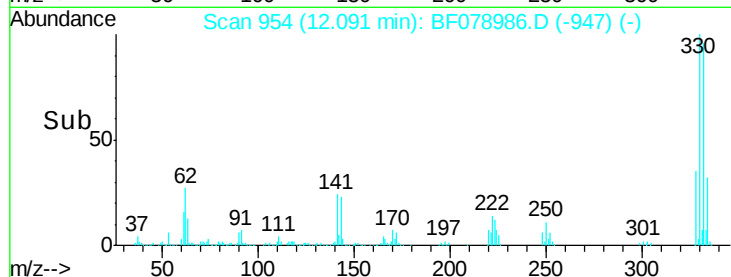
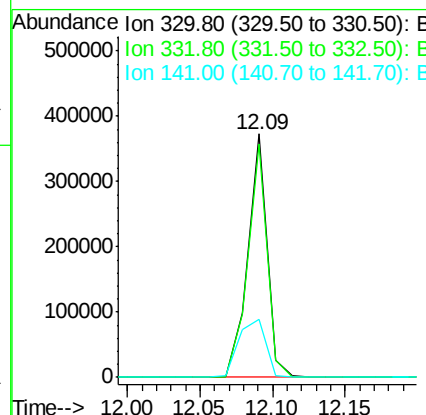
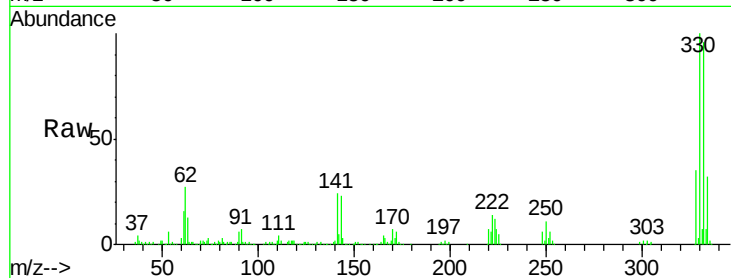




#41
 2,4,6-Tribromophenol
 Concen: 150.60 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078986.D
 Acq: 7 May 2015 8:34

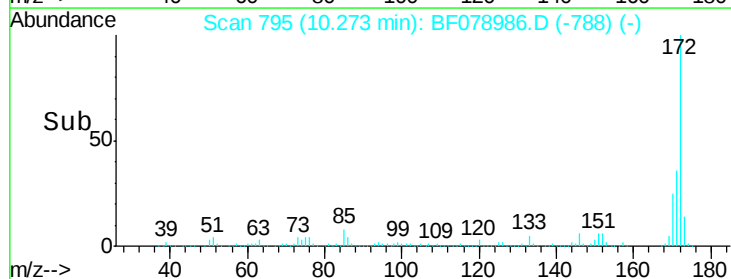
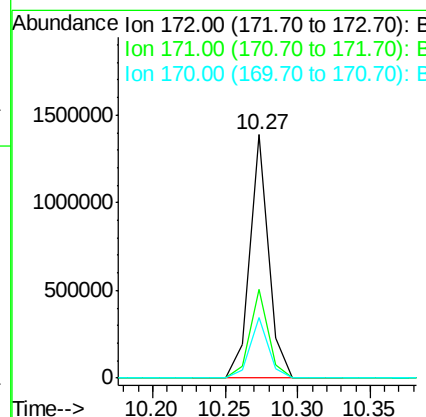
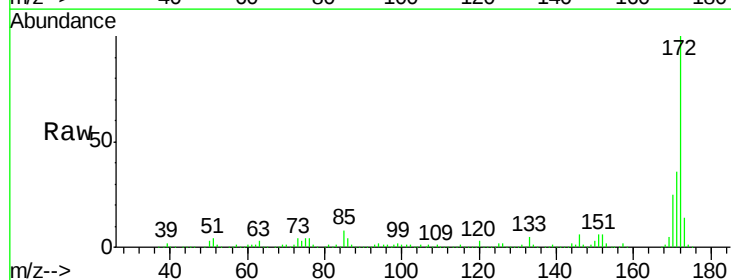
Instrument :
 BNA_F
 ClientSampleId :
 W-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	33.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 82.08 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF078986.D
 Acq: 7 May 2015 8:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.9	41.9
170	25.1	19.4	29.0

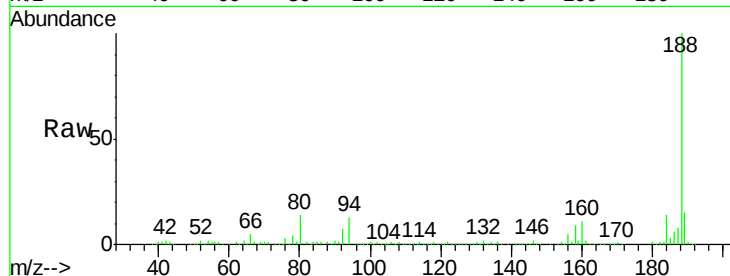




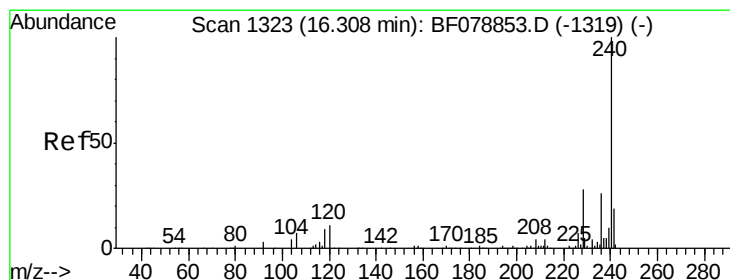
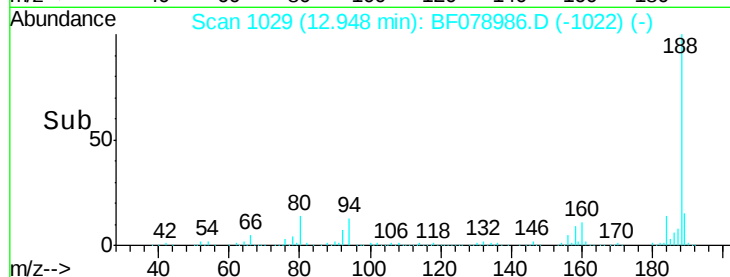
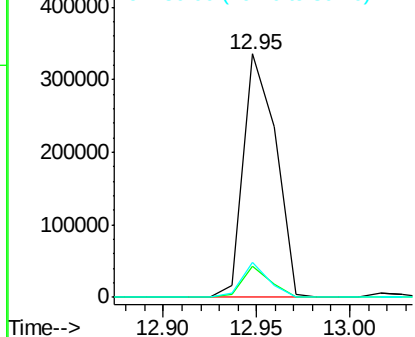
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF078986.D
Acq: 7 May 2015 8:34

Instrument :
BNA_F
ClientSampleId :
W-11

Tot Ion:188 Resp: 406099
Ion Ratio Lower Upper
188 100
94 13.0 8.2 12.2#
80 14.5 8.9 13.3#

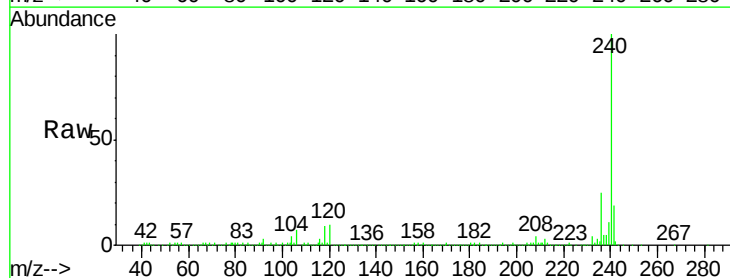


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

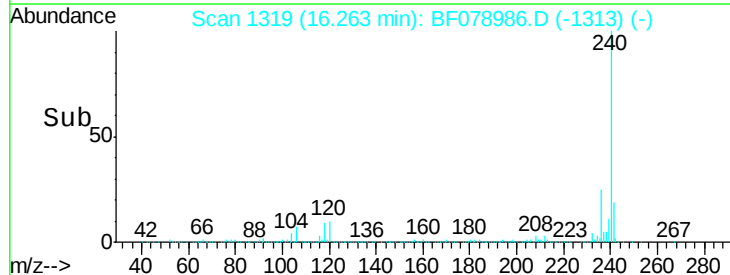
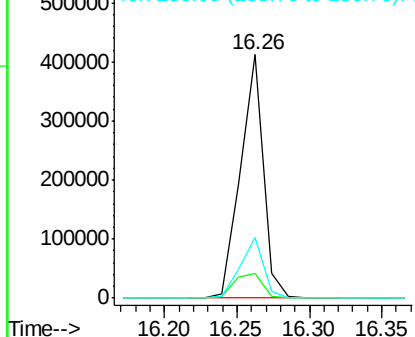


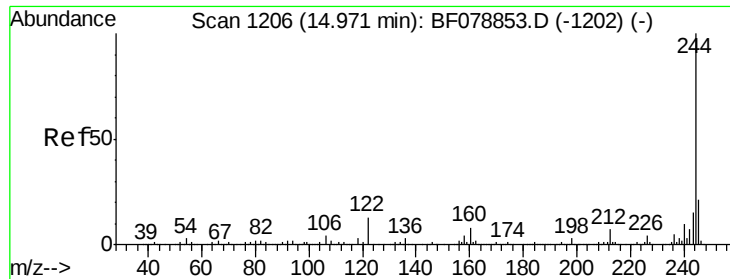
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF078986.D
Acq: 7 May 2015 8:34

Tgt Ion:240 Resp: 451812
Ion Ratio Lower Upper
240 100
120 10.1 9.7 14.5
236 25.1 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

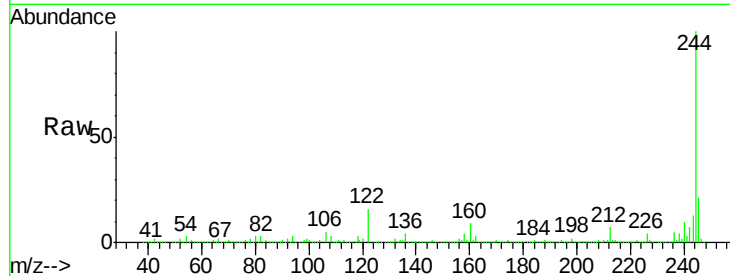




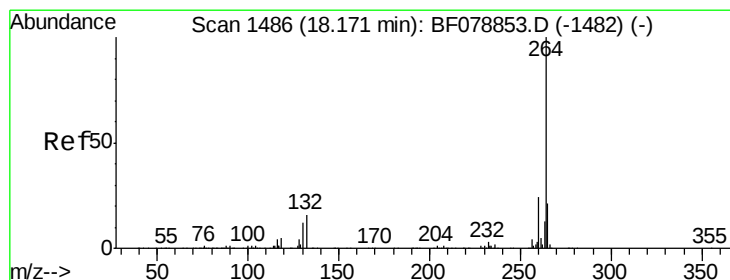
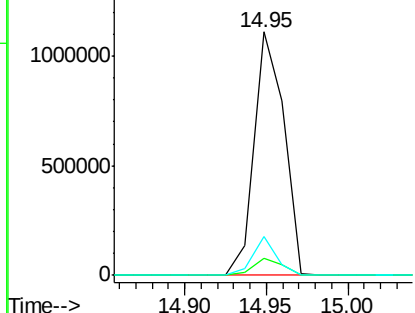
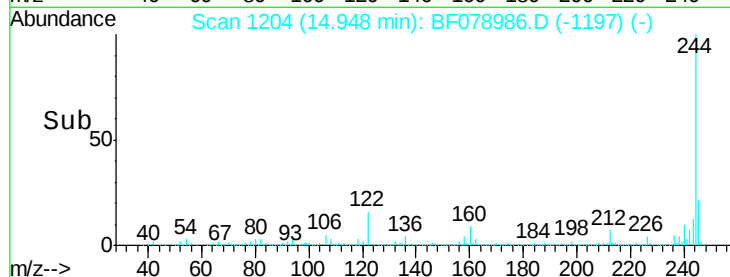
#78
 Terphenyl-d14
 Concen: 74.64 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF078986.D
 Acq: 7 May 2015 8:34

Instrument :
 BNA_F
 ClientSampleId :
 W-11

Tot Ion:244 Resp: 1408590
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 16.1 10.3 15.5#

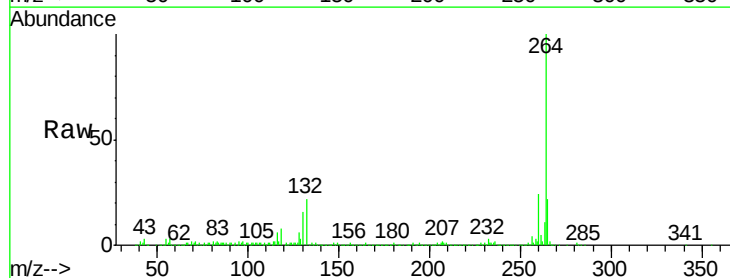


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.06 min Scan# 1476
 Delta R.T. -0.06 min
 Lab File: BF078986.D
 Acq: 7 May 2015 8:34

Tgt Ion:264 Resp: 446381
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.6 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

