

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF078995.D
 Acq On : 7 May 2015 14:53
 Operator : TP/IZ
 Sample : G2035-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2

Quant Time: May 08 01:04:57 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 00:46:40 2015
 Response via : Initial Calibration

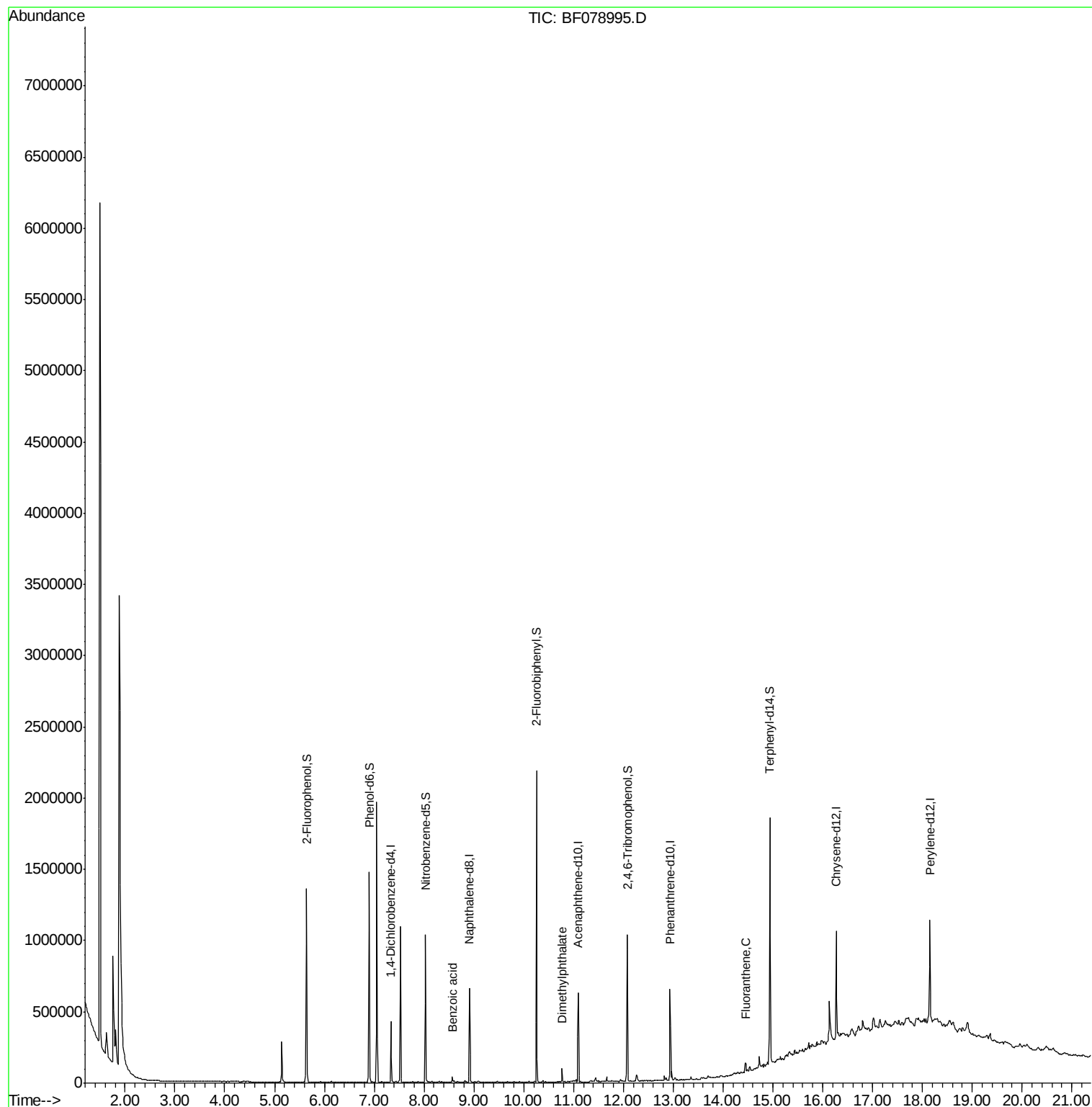
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	69480	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	300490	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	145118	20.00	ng	0.00
63) Phenanthrene-d10	12.94	188	286232	20.00	ng	0.00
75) Chrysene-d12	16.27	240	300176	20.00	ng	0.00
86) Perylene-d12	18.15	264	332271	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	498305	123.45	ng	0.01
7) Phenol-d6	6.90	99	681561	127.75	ng	0.01
23) Nitrobenzene-d5	8.03	82	383816	73.41	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	187952	119.72	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	651058	62.51	ng	0.00
78) Terphenyl-d14	14.94	244	673146	53.69	ng	0.00
Target Compounds						
32) Benzoic acid	8.57	122	9213	9.29	ng	98
49) Dimethylphthalate	10.76	163	36853	3.46	ng	98
74) Fluoranthene	14.46	202	36376	2.18	ng	95

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

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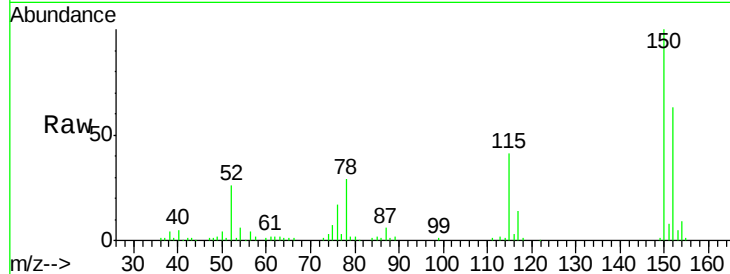


#1

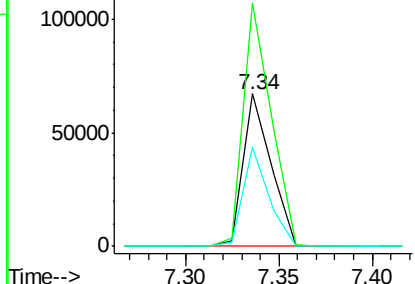
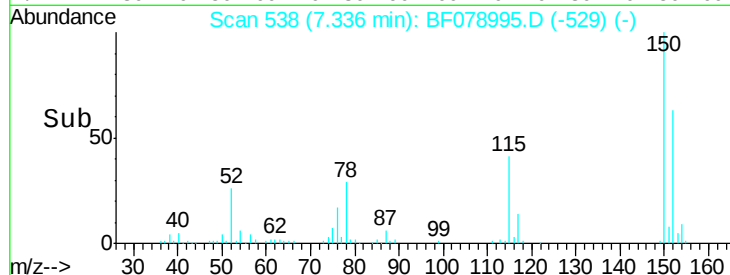
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF078995.D
Acq: 7 May 2015 14:53

Instrument :
BNA_F
ClientSampleID :
TP-3-D2

Tot Ion:152 Resp: 69480
Ion Ratio Lower Upper
152 100
150 159.8 122.0 183.0
115 65.1 46.3 69.5



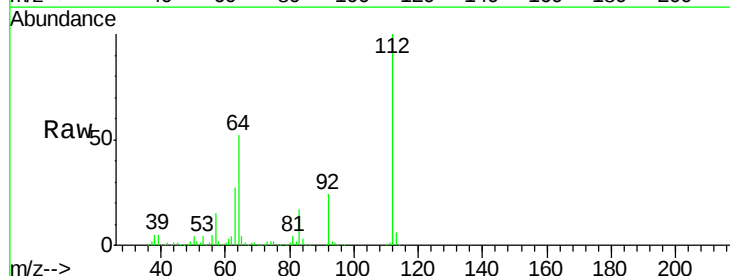
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



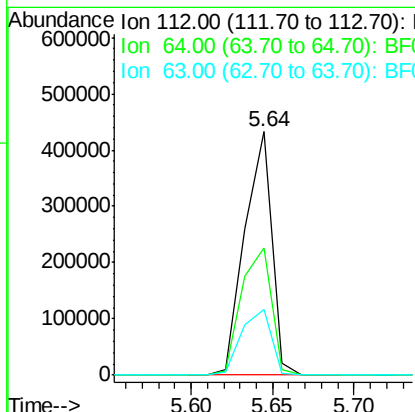
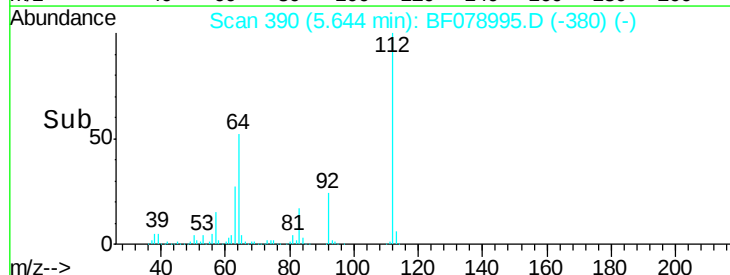
#5

2-Fluorophenol
Concen: 123.45 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078995.D
Acq: 7 May 2015 14:53

Tgt Ion:112 Resp: 498305
Ion Ratio Lower Upper
112 100
64 52.4 53.5 80.3#
63 26.7 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: 127.75 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078995.D

Acq: 7 May 2015 14:53

Instrument :

BNA_F

ClientSampleId :

TP-3-D2

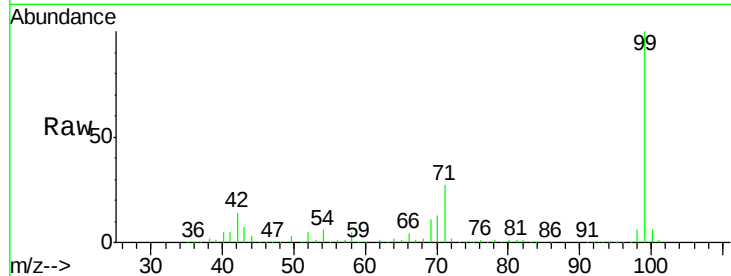
Tot Ion: 99 Resp: 681561

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

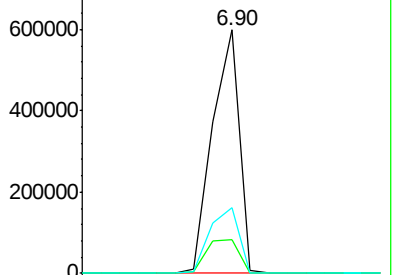
71 27.2 23.4 35.2



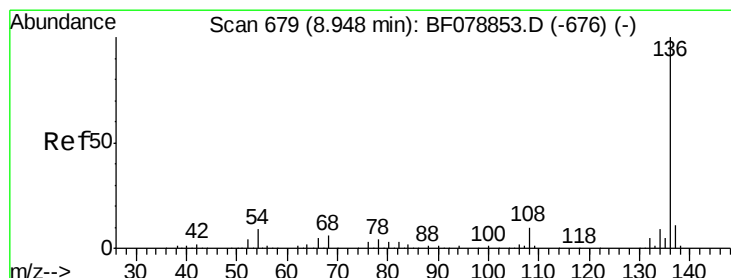
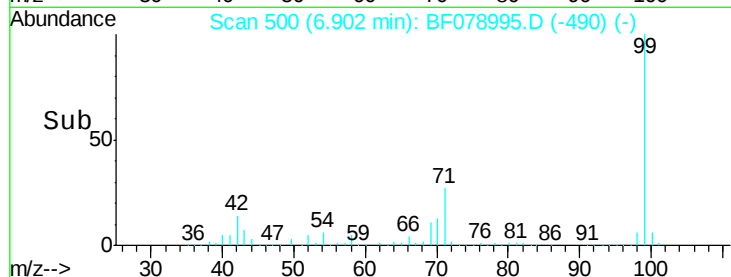
Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF078995.D

Acq: 7 May 2015 14:53

Tgt Ion: 136 Resp: 300490

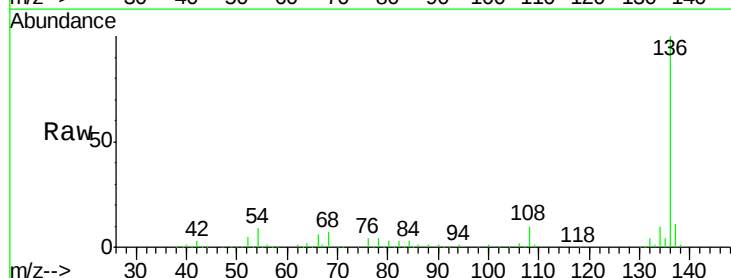
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.9 5.8 8.8#

68 6.6 4.2 6.4#

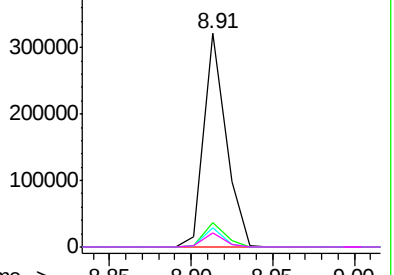


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

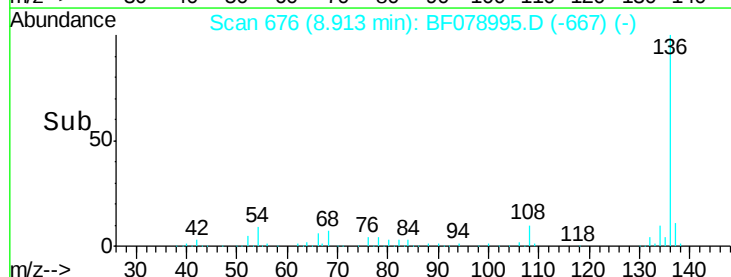
Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)



Time-->

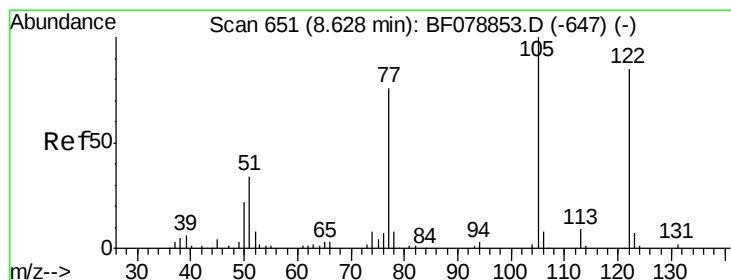
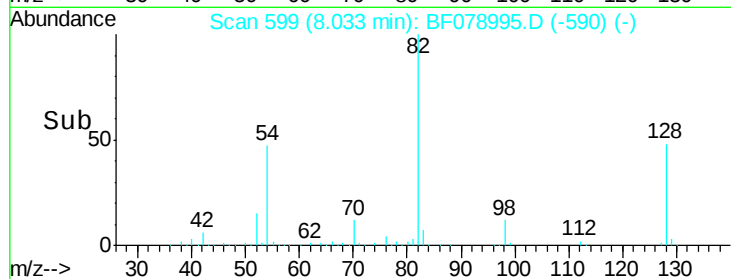
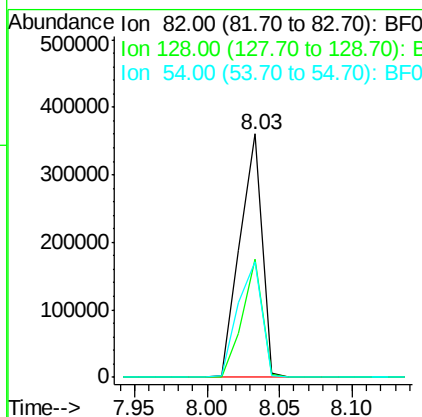
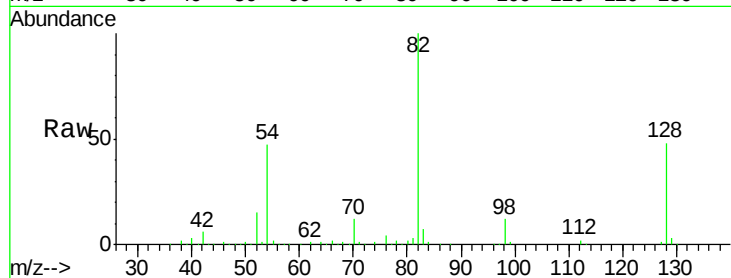




#23
 Nitrobenzene-d5
 Concen: 73.41 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF078995.D
 Acq: 7 May 2015 14:53

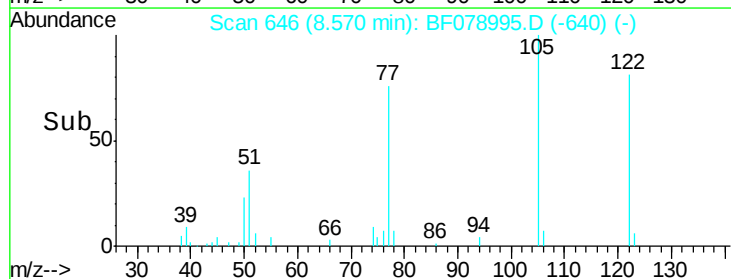
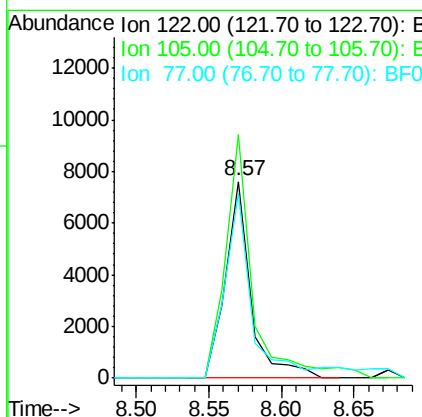
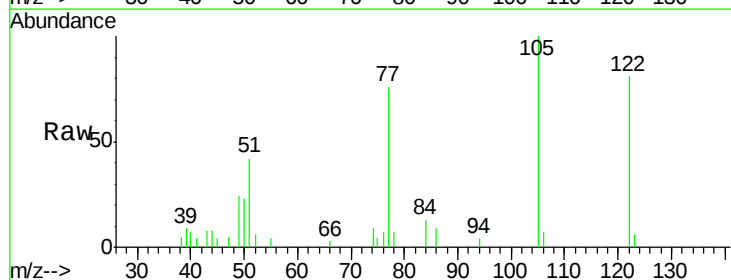
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2

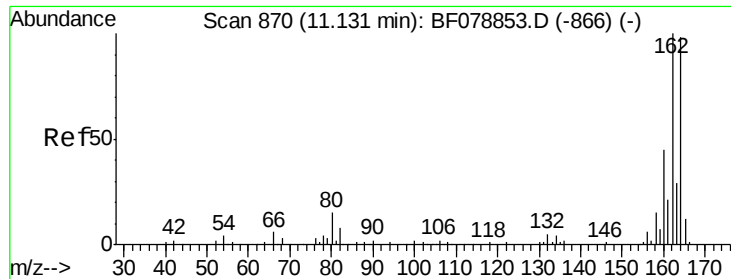
Tot Ion: 82 Resp: 383816
 Ion Ratio Lower Upper
 82 100
 128 48.3 30.0 45.0#
 54 47.3 46.4 69.6



#32
 Benzoic acid
 Concen: 9.29 ng
 RT: 8.57 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF078995.D
 Acq: 7 May 2015 14:53

Tgt Ion:122 Resp: 9213
 Ion Ratio Lower Upper
 122 100
 105 124.0 107.1 147.1
 77 93.9 73.9 113.9

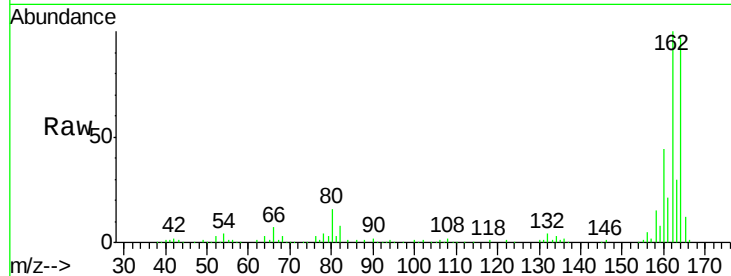




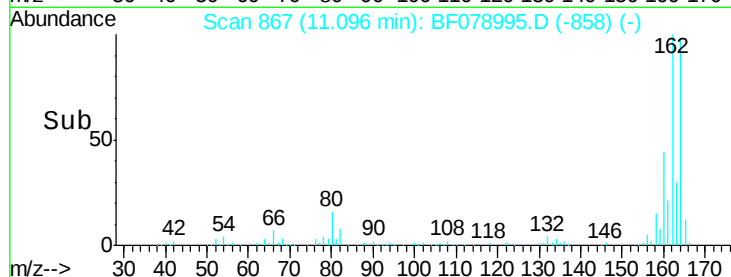
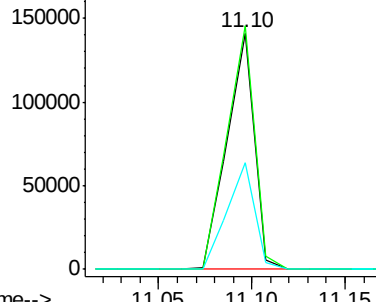
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078995.D
Acq: 7 May 2015 14:53

Instrument :
BNA_F
ClientSampleId :
TP-3-D2

Tot Ion:164 Resp: 145118
Ion Ratio Lower Upper
164 100
162 103.0 82.7 124.1
160 45.2 35.8 53.8

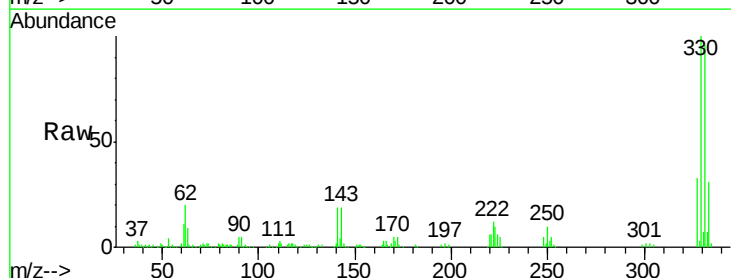


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

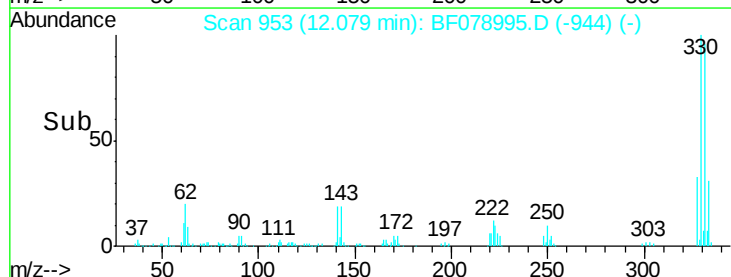
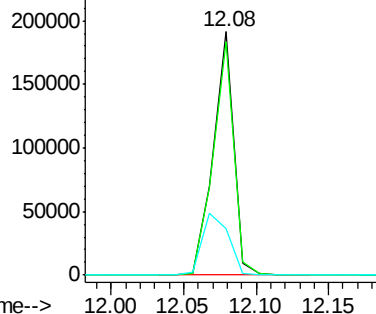


#41
2,4,6-Tribromophenol
Concen: 119.72 ng
RT: 12.08 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF078995.D
Acq: 7 May 2015 14:53

Tgt Ion:330 Resp: 187952
Ion Ratio Lower Upper
330 100
332 96.7 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

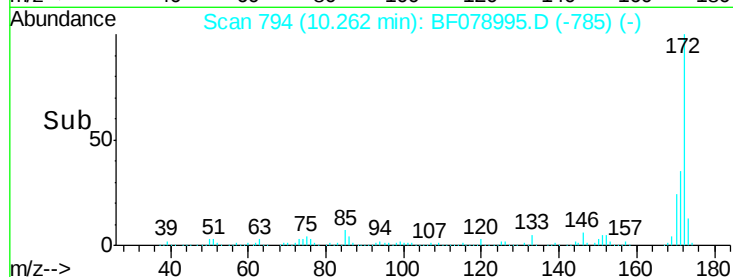
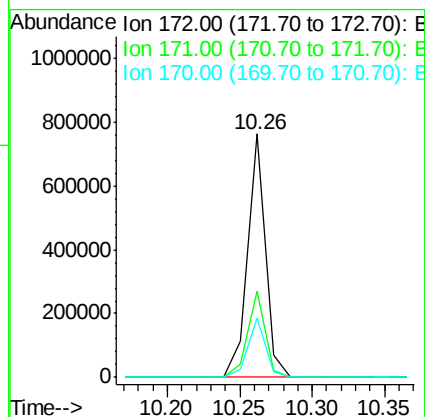
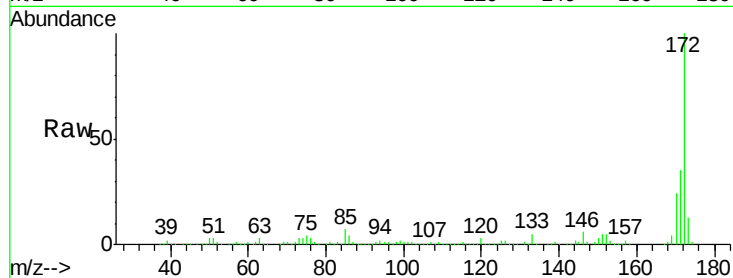




#44
2-Fluorobiphenyl
Concen: 62.51 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF078995.D
Acq: 7 May 2015 14:53

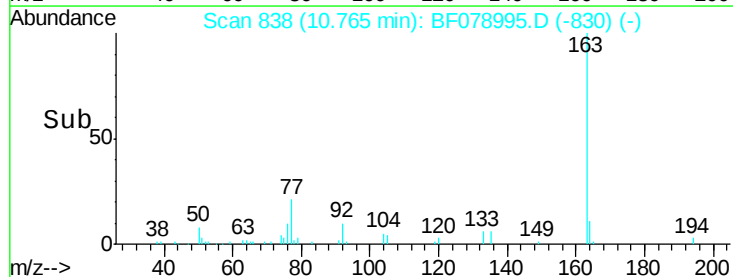
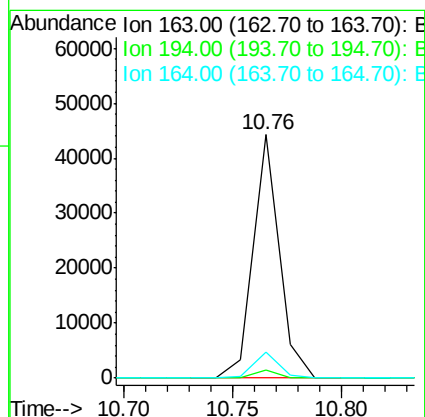
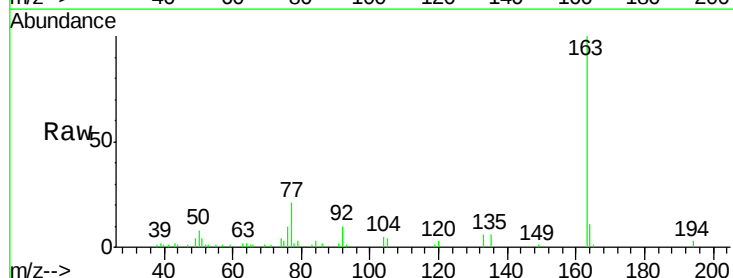
Instrument :
BNA_F
ClientSampleId :
TP-3-D2

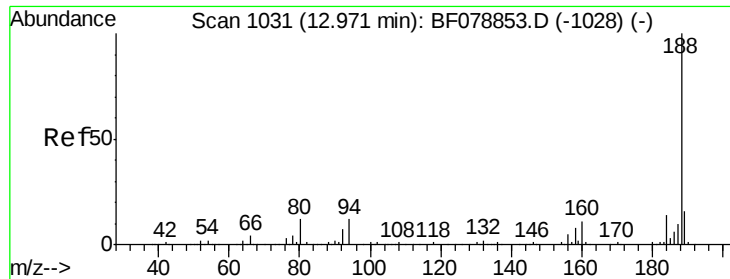
Tot Ion:172 Resp: 651058
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.2 19.4 29.0



#49
Dimethylphthalate
Concen: 3.46 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF078995.D
Acq: 7 May 2015 14:53

Tgt Ion:163 Resp: 36853
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.9 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.94 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF078995.D

Acq: 7 May 2015 14:53

Instrument :

BNA_F

ClientSampleId :

TP-3-D2

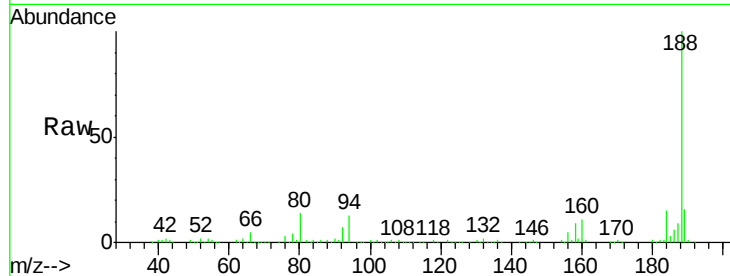
Tot Ion:188 Resp: 286232

Ion Ratio Lower Upper

188 100

94 13.1 8.2 12.2#

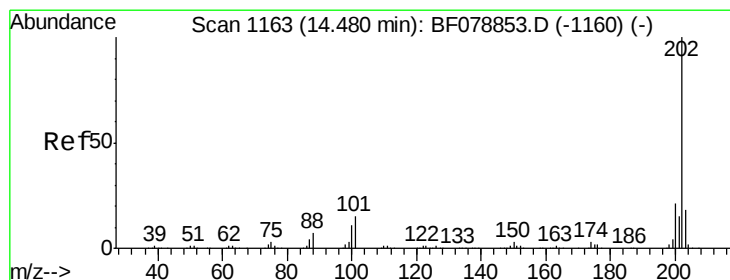
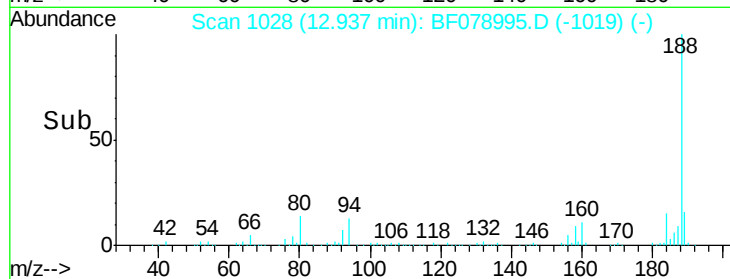
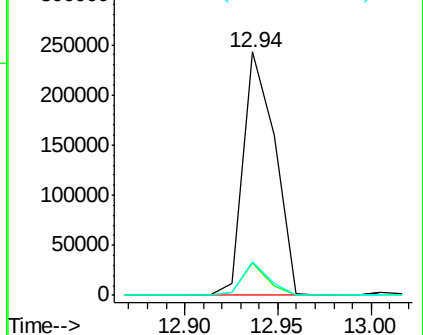
80 13.9 8.9 13.3#



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



#74

Fluoranthene

Concen: 2.18 ng

RT: 14.46 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF078995.D

Acq: 7 May 2015 14:53

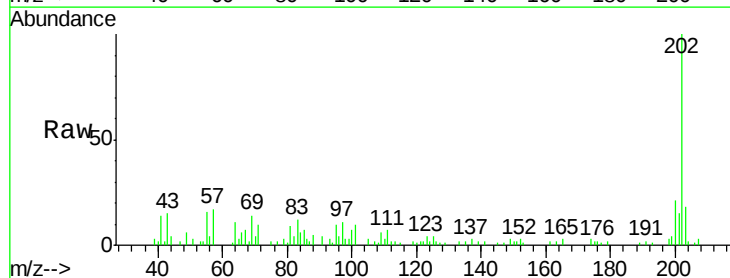
Tgt Ion:202 Resp: 36376

Ion Ratio Lower Upper

202 100

101 9.9 0.0 34.6

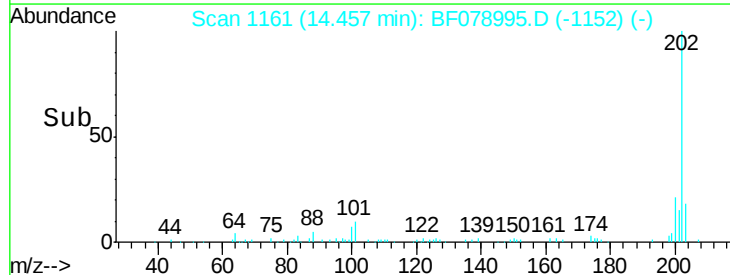
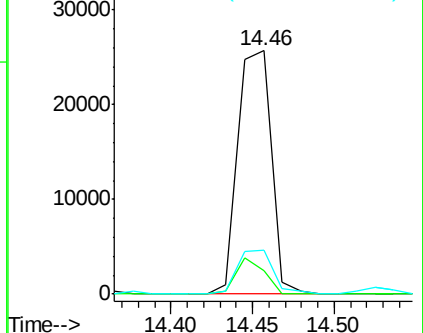
203 18.3 0.0 38.4

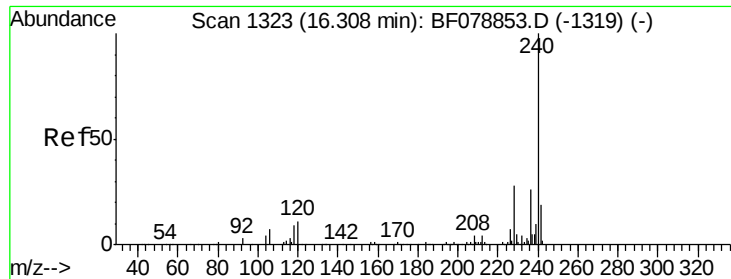


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

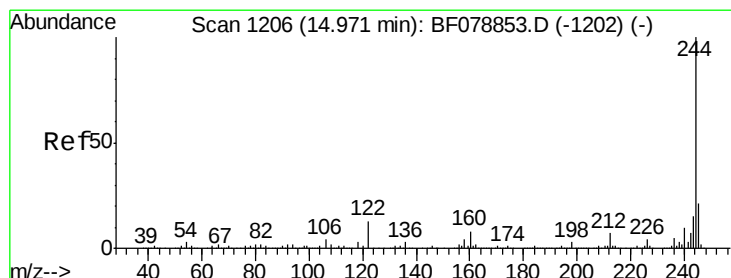
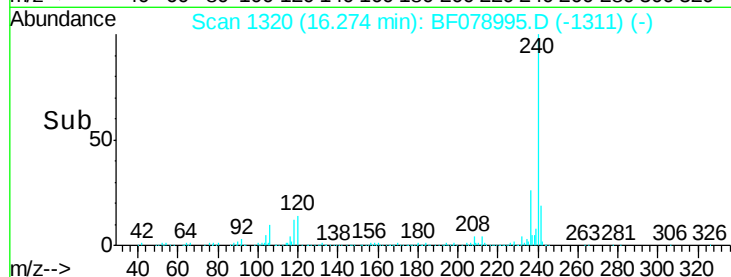
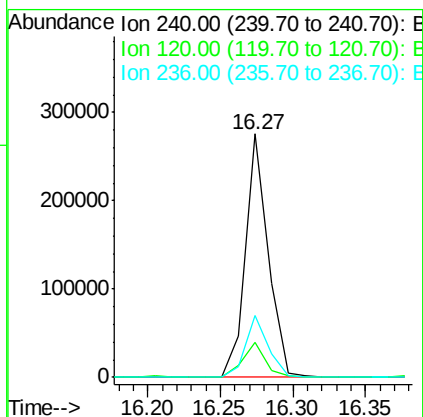
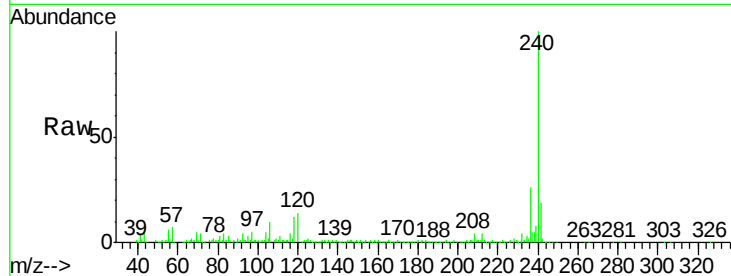




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF078995.D
 Acq: 7 May 2015 14:53

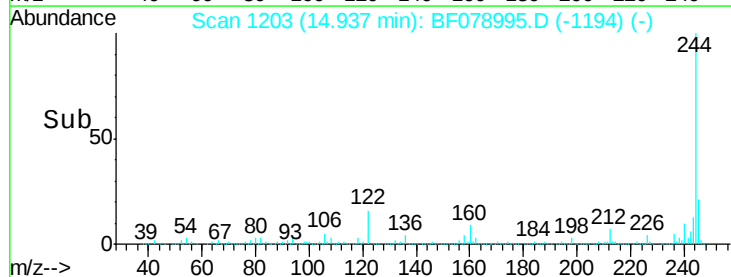
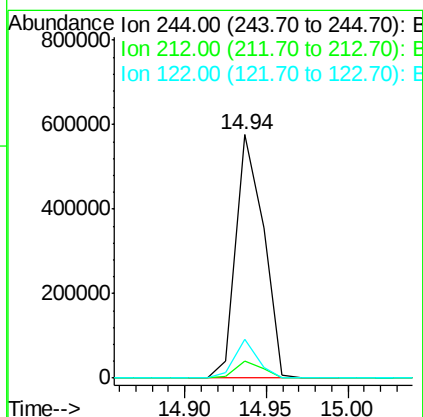
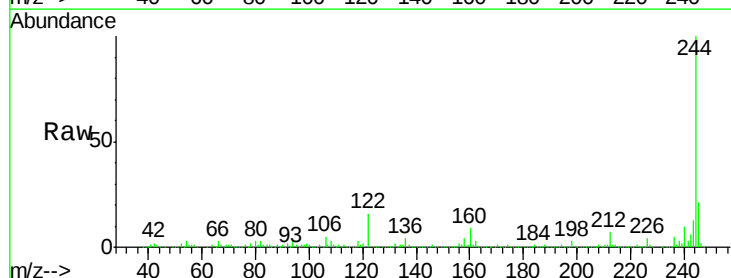
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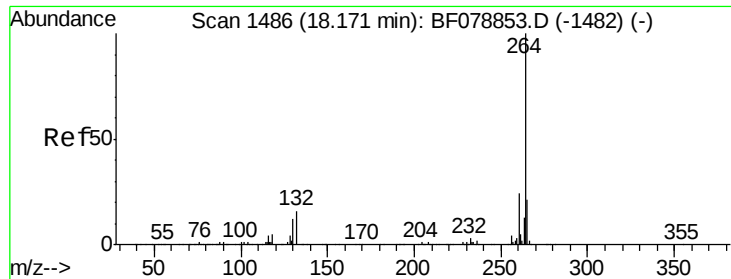
Tot Ion:240 Resp: 300176
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.7 14.5
 236 25.7 20.2 30.4



#78
 Terphenyl-d14
 Concen: 53.69 ng
 RT: 14.94 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF078995.D
 Acq: 7 May 2015 14:53

Tgt Ion:244 Resp: 673146
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 15.9 10.3 15.5#

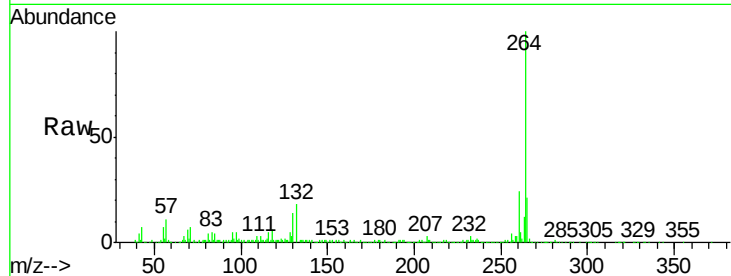




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.15 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF078995.D
Acq: 7 May 2015 14:53

Instrument :
BNA_F
ClientSampleId :
TP-3-D2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.5	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

