

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079144.D
 Acq On : 12 May 2015 6:38
 Operator : TP/IZ
 Sample : G2176-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(5-10)

Quant Time: May 12 07:15:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 06:55:06 2015
 Response via : Initial Calibration

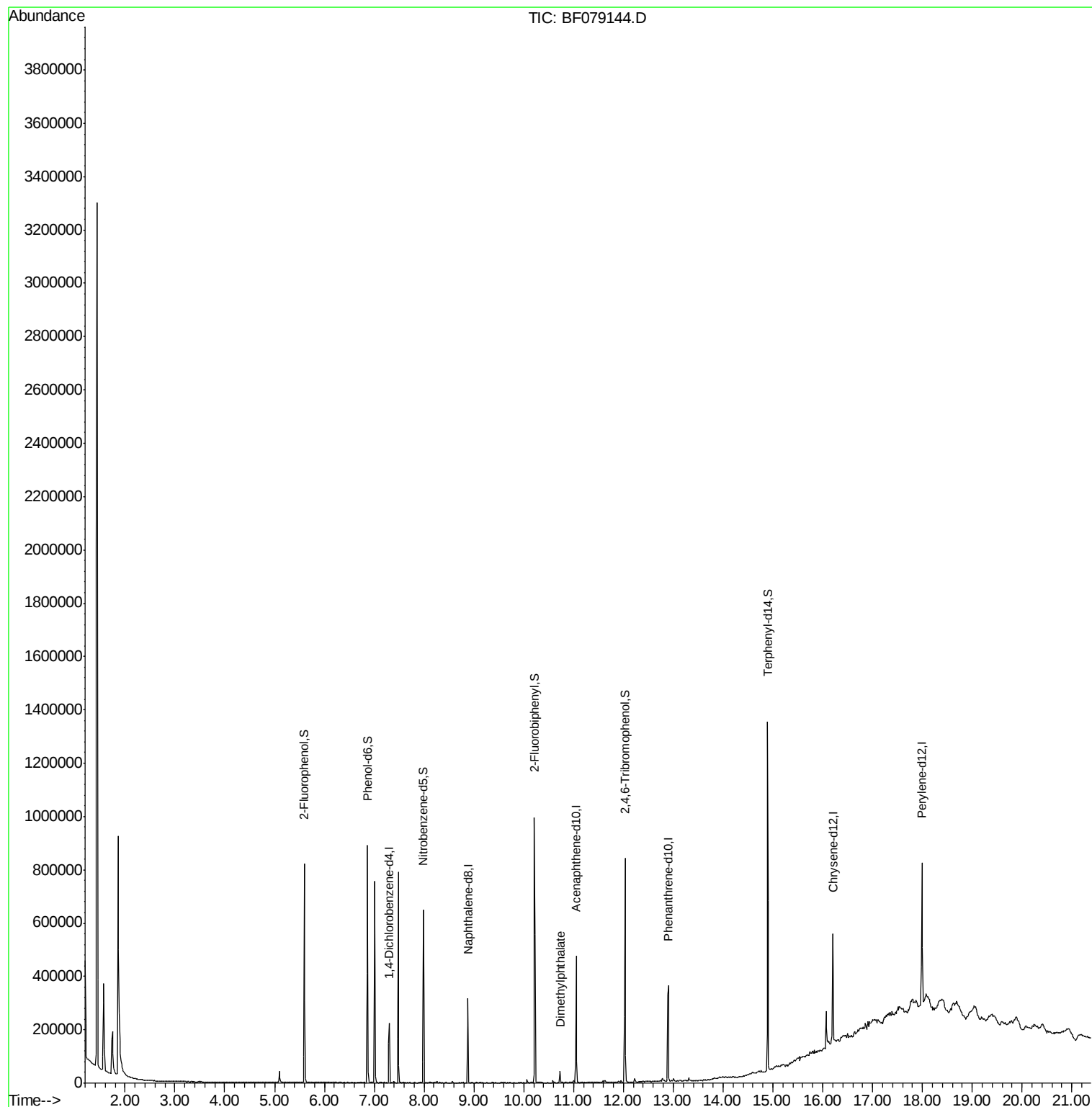
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	44054	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	187682	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	97300	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	192776	20.00	ng	0.01
75) Chrysene-d12	16.21	240	219583	20.00	ng	0.01
86) Perylene-d12	17.99	264	244627	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	253080	98.89	ng	0.00
7) Phenol-d6	6.87	99	356622	105.42	ng	0.01
23) Nitrobenzene-d5	7.99	82	192631	58.99	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	107362	102.00	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	381592	54.64	ng	0.00
78) Terphenyl-d14	14.89	244	509929	55.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.73	163	24453	3.42	ng	Qvalue 99

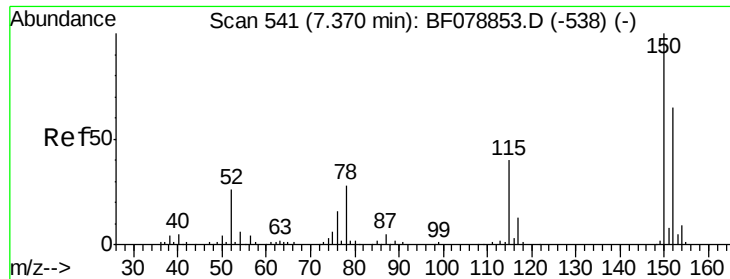
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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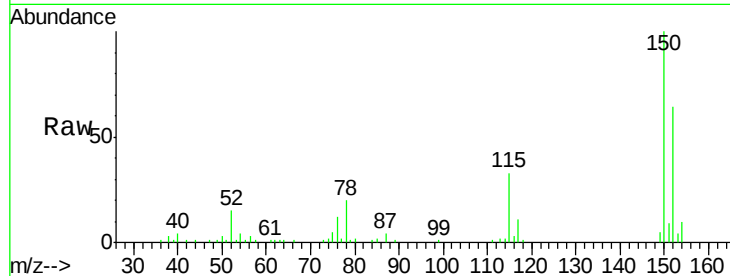


#1

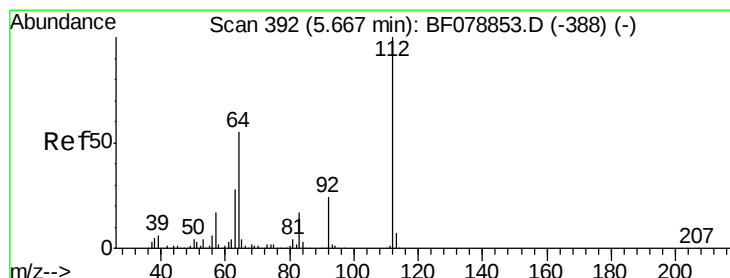
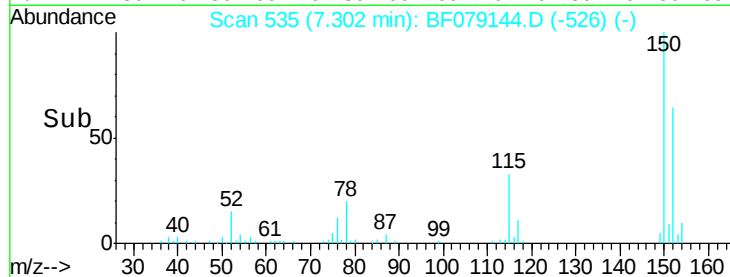
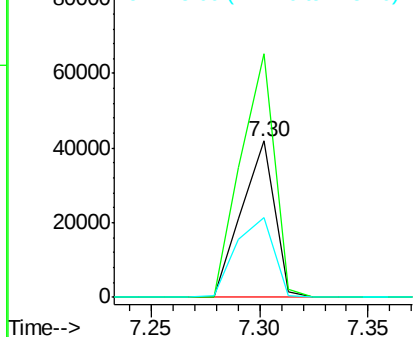
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.30 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF079144.D
 Acq: 12 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(5-10)

Tot Ion:152 Resp: 44054
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.0 183.0
 115 51.4 46.3 69.5



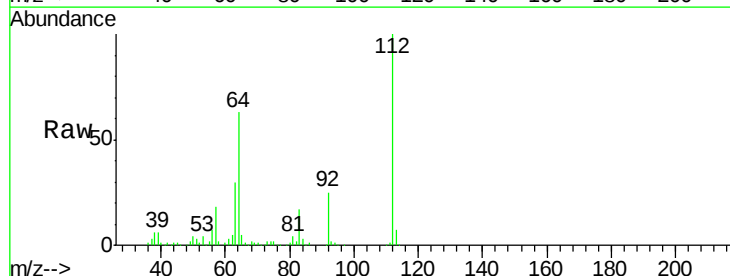
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



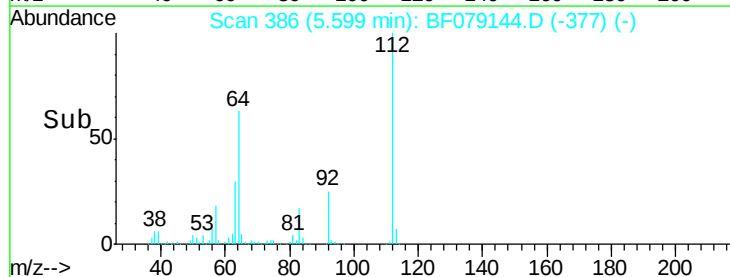
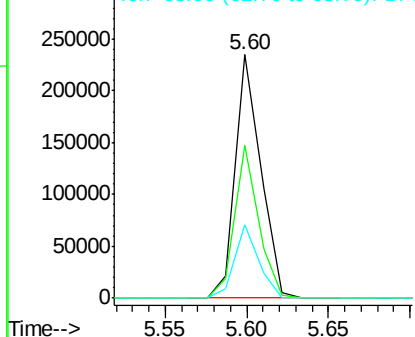
#5

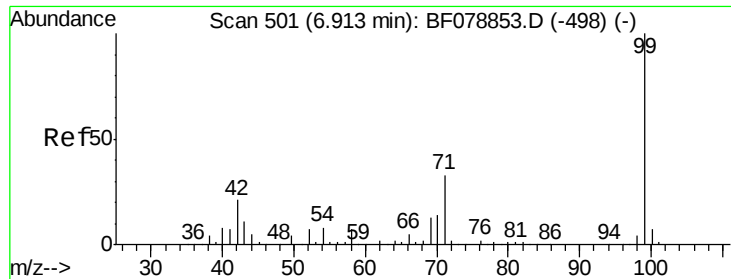
2-Fluorophenol
 Concen: 98.89 ng
 RT: 5.60 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BF079144.D
 Acq: 12 May 2015 6:38

Tgt Ion:112 Resp: 253080
 Ion Ratio Lower Upper
 112 100
 64 62.8 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: 105.42 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079144.D

Acq: 12 May 2015 6:38

Instrument :

BNA_F

ClientSampleId :

PS-31(5-10)

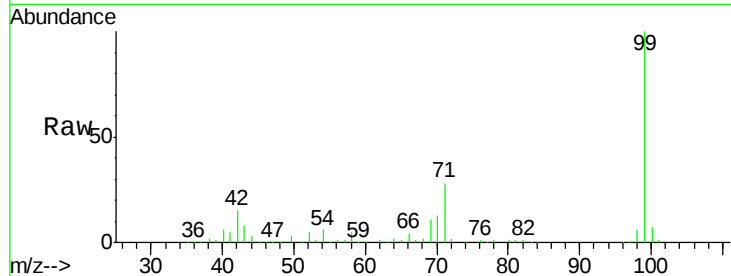
Tot Ion: 99 Resp: 356622

Ion Ratio Lower Upper

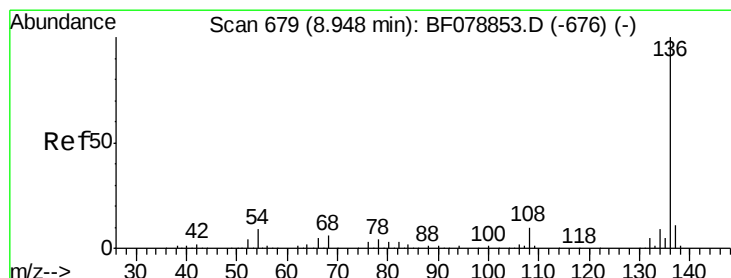
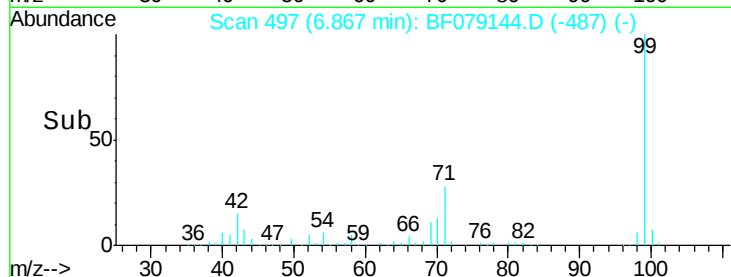
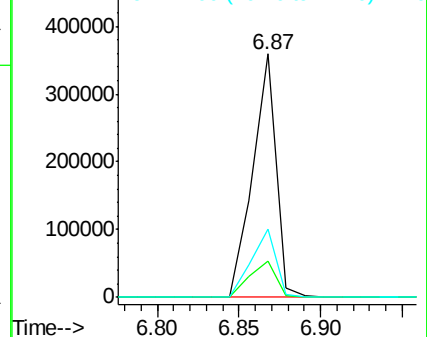
99 100

42 14.7 12.8 19.2

71 27.9 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: 8.88 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF079144.D

Acq: 12 May 2015 6:38

Tgt Ion: 136 Resp: 187682

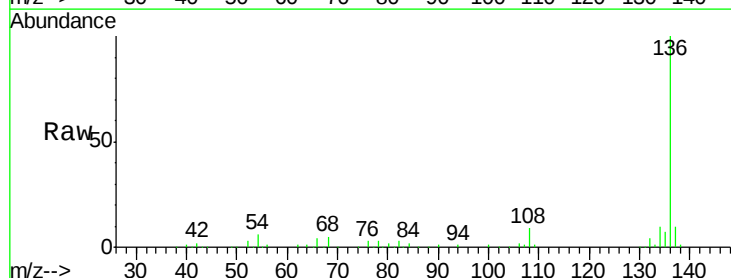
Ion Ratio Lower Upper

136 100

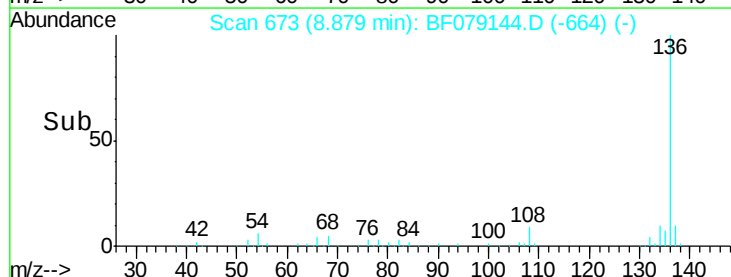
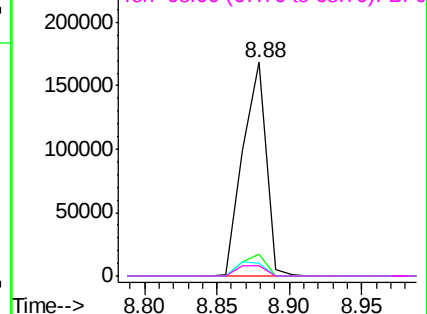
137 10.2 8.7 13.1

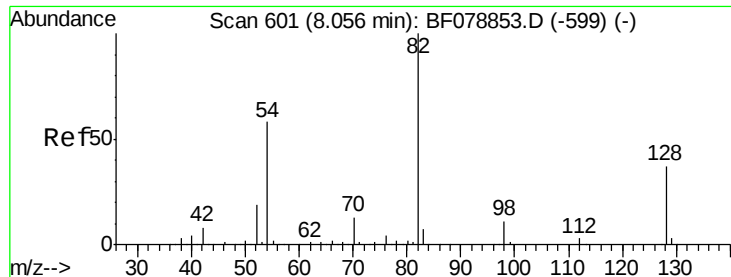
54 5.9 5.8 8.8

68 4.8 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

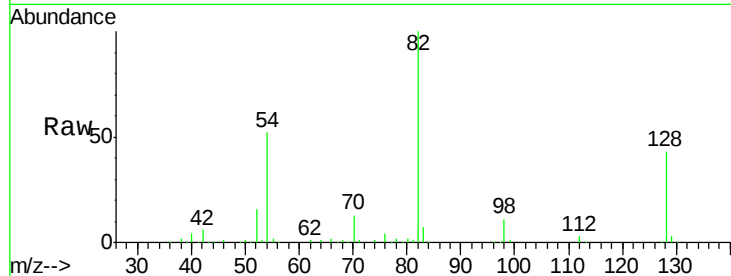




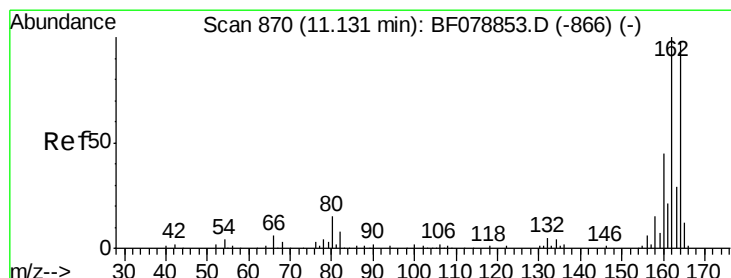
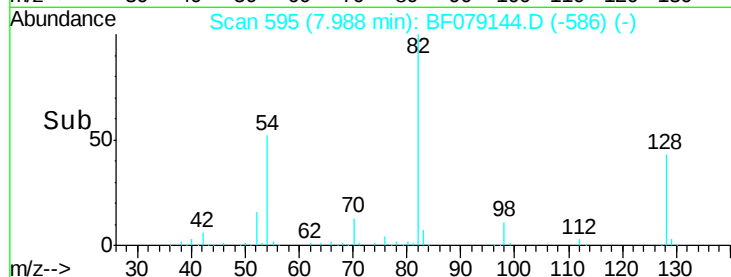
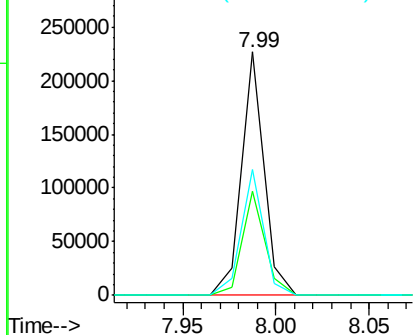
#23
 Nitrobenzene-d5
 Concen: 58.99 ng
 RT: 7.99 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF079144.D
 Acq: 12 May 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(5-10)

Tot Ion	82	Resp	192631
Ion Ratio	100	Lower	Upper
128	43.0	30.0	45.0
54	51.8	46.4	69.6

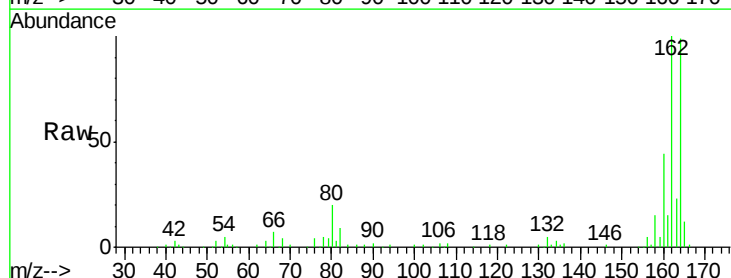


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

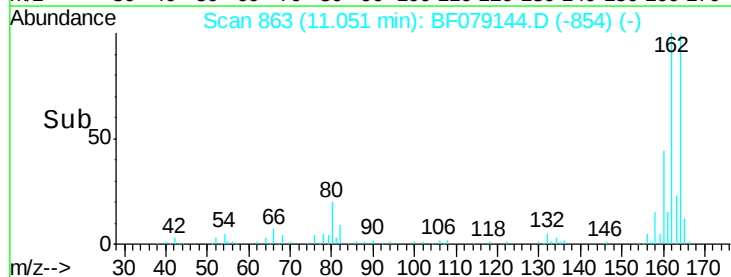
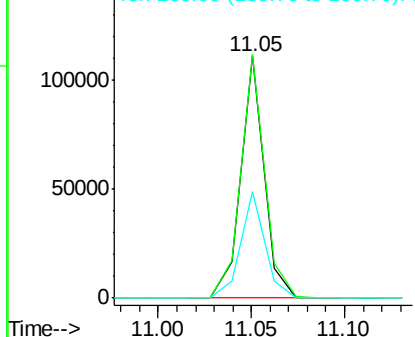


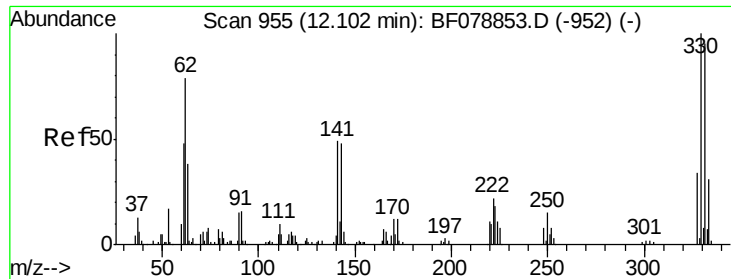
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079144.D
 Acq: 12 May 2015 6:38

Tgt Ion	164	Resp	97300
Ion Ratio	100	Lower	Upper
162	100.6	82.7	124.1
160	44.0	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

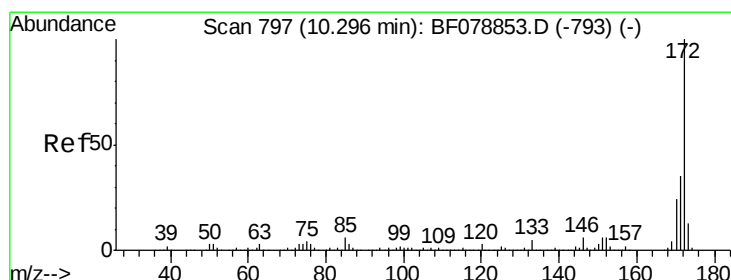
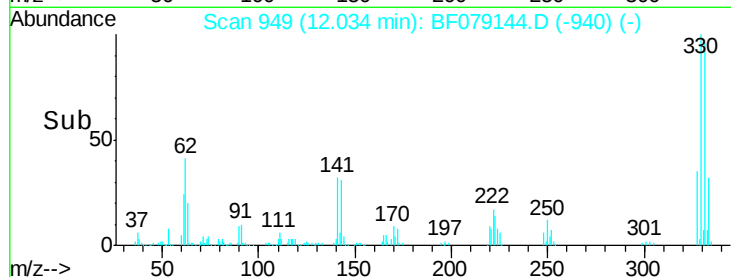
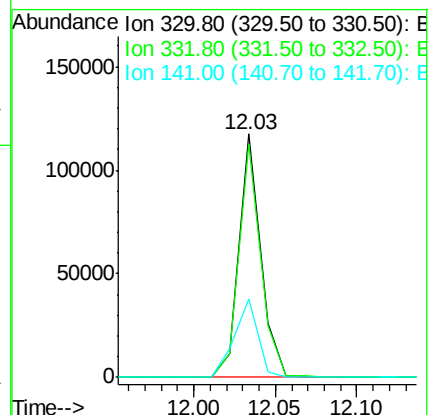
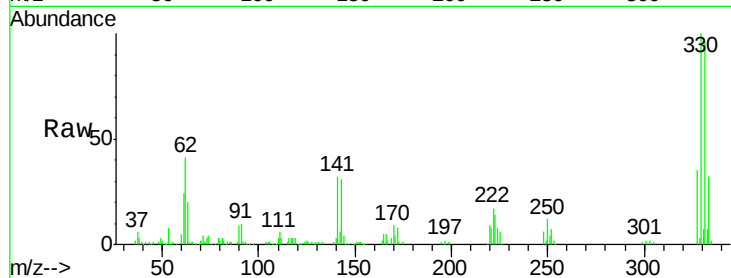




#41
 2,4,6-Tribromophenol
 Concen: 102.00 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079144.D
 Acq: 12 May 2015 6:38

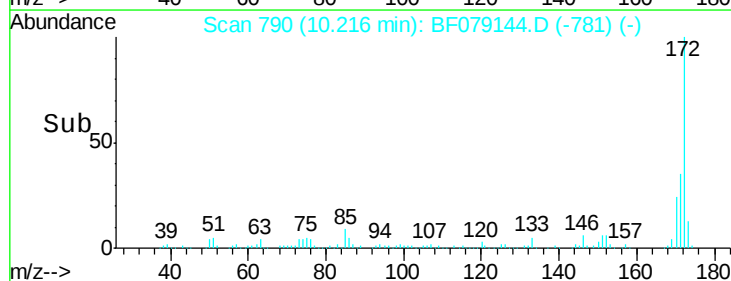
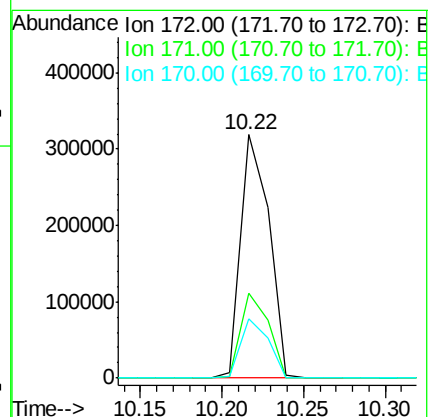
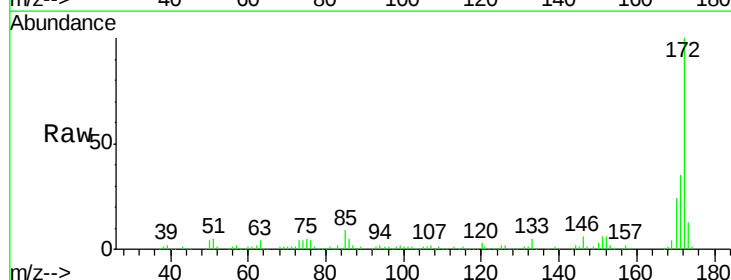
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(5-10)

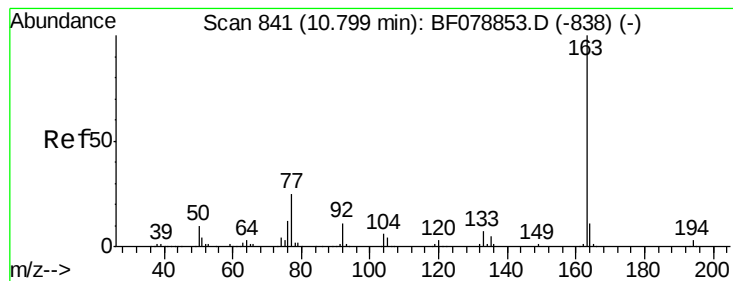
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	34.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 54.64 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF079144.D
 Acq: 12 May 2015 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	24.2	19.4	29.0





#49

Dimethylphthalate

Concen: 3.42 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF079144.D

Acq: 12 May 2015 6:38

Instrument :

BNA_F

ClientSampleId :

PS-31(5-10)

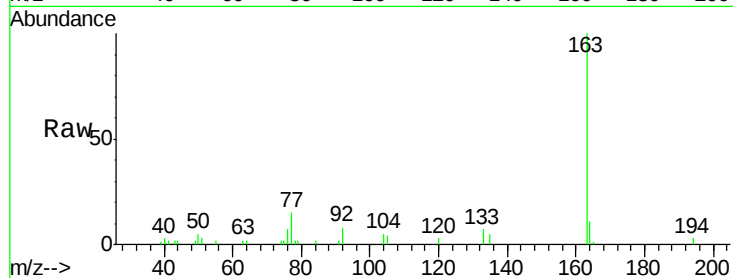
Tot Ion:163 Resp: 24453

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

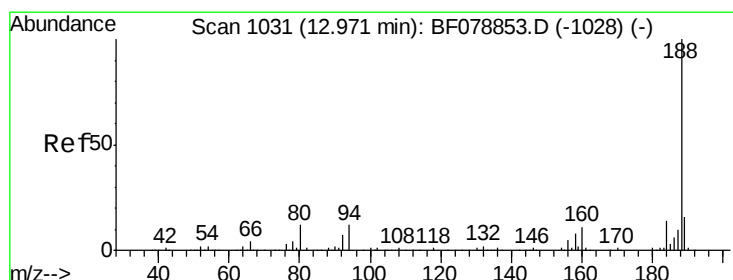
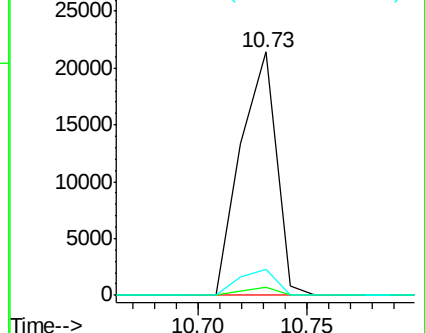
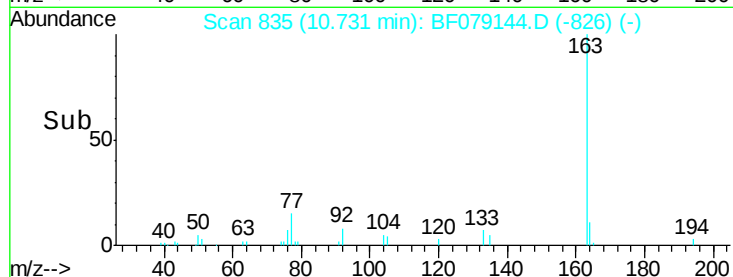
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.90 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF079144.D

Acq: 12 May 2015 6:38

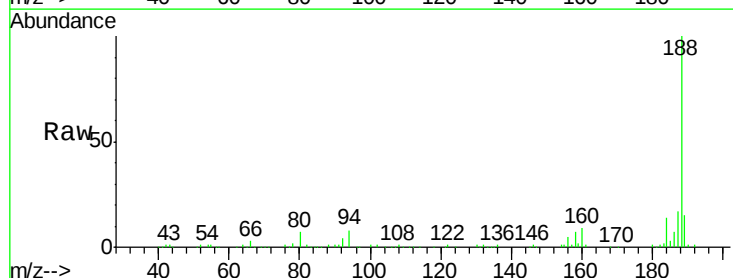
Tgt Ion:188 Resp: 192776

Ion Ratio Lower Upper

188 100

94 7.8 8.2 12.2#

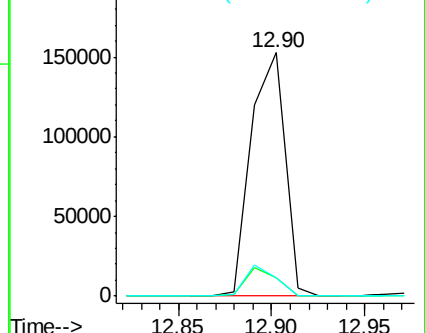
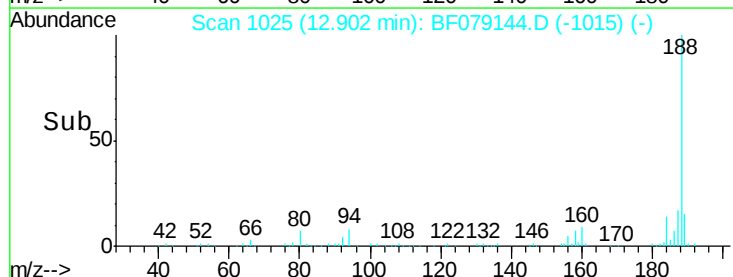
80 7.4 8.9 13.3#

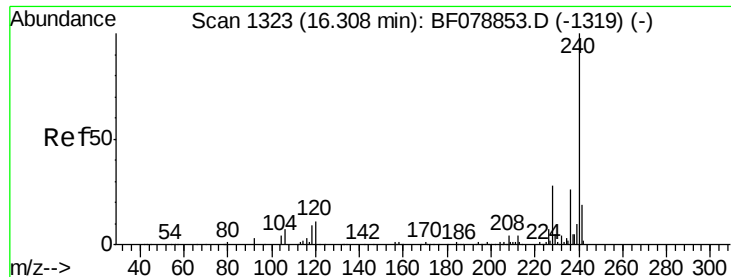


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF079144.D

Acq: 12 May 2015 6:38

Instrument :

BNA_F

ClientSampleId :

PS-31(5-10)

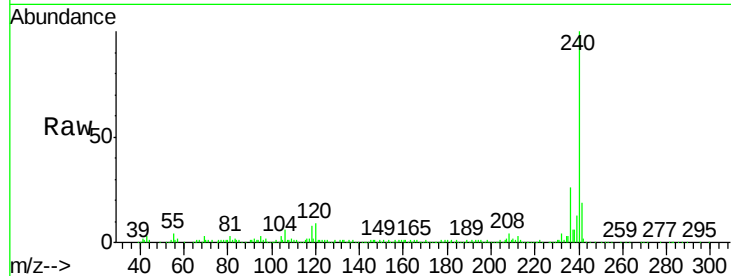
Tot Ion:240 Resp: 219583

Ion Ratio Lower Upper

240 100

120 9.0 9.7 14.5#

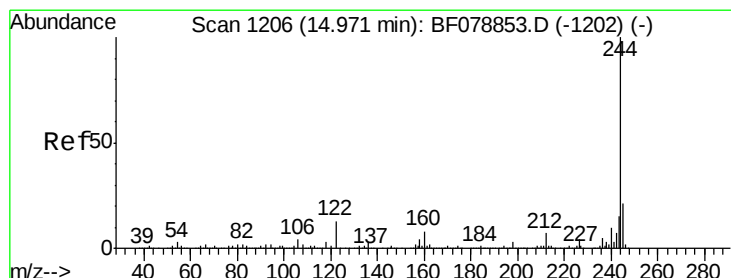
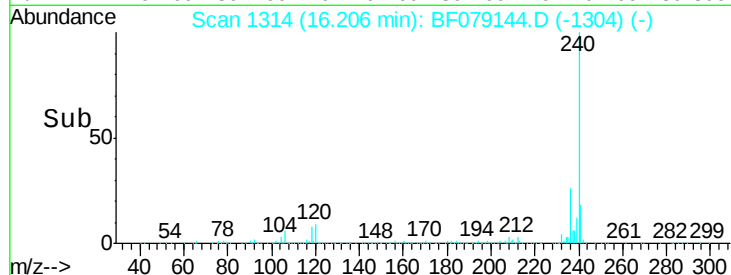
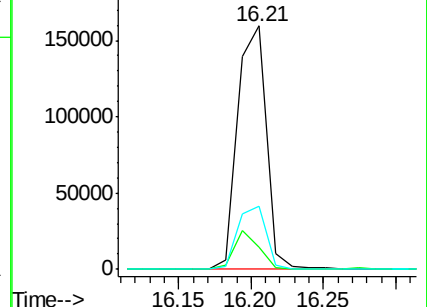
236 25.8 20.2 30.4



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: 55.60 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079144.D

Acq: 12 May 2015 6:38

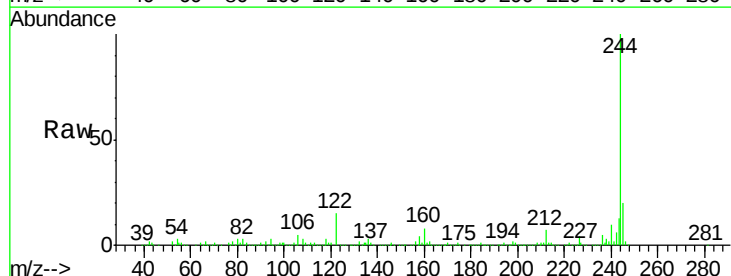
Tgt Ion:244 Resp: 509929

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

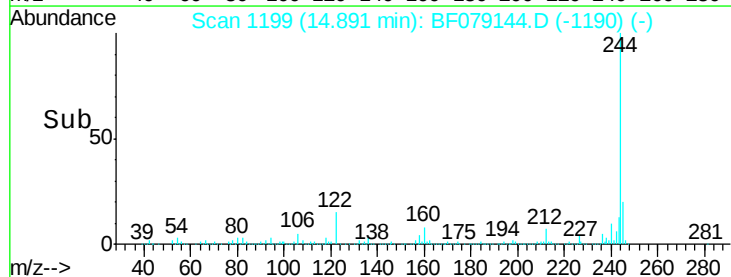
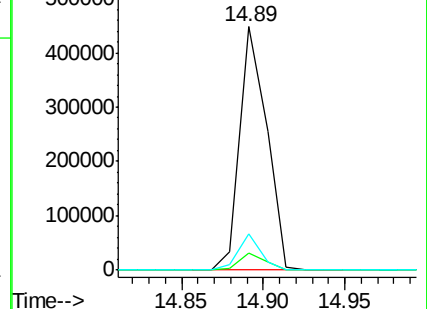
122 15.1 10.3 15.5

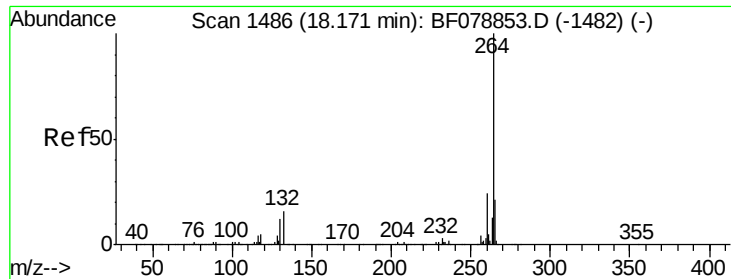


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

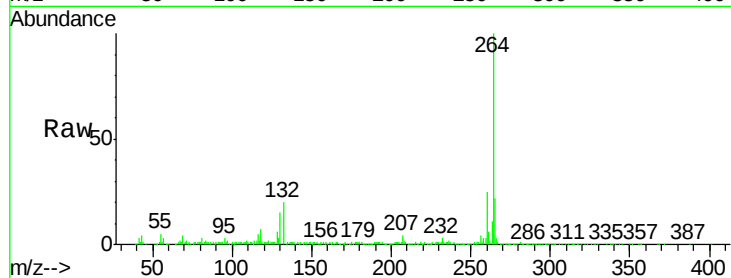




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1470
Delta R.T. 0.10 min
Lab File: BF079144.D
Acq: 12 May 2015 6:38

Instrument :
BNA_F
ClientSampleId :
PS-31(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.1	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

