

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079143.D
 Acq On : 12 May 2015 6:10
 Operator : TP/IZ
 Sample : G2176-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(3-5)

Quant Time: May 12 07:10:21 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

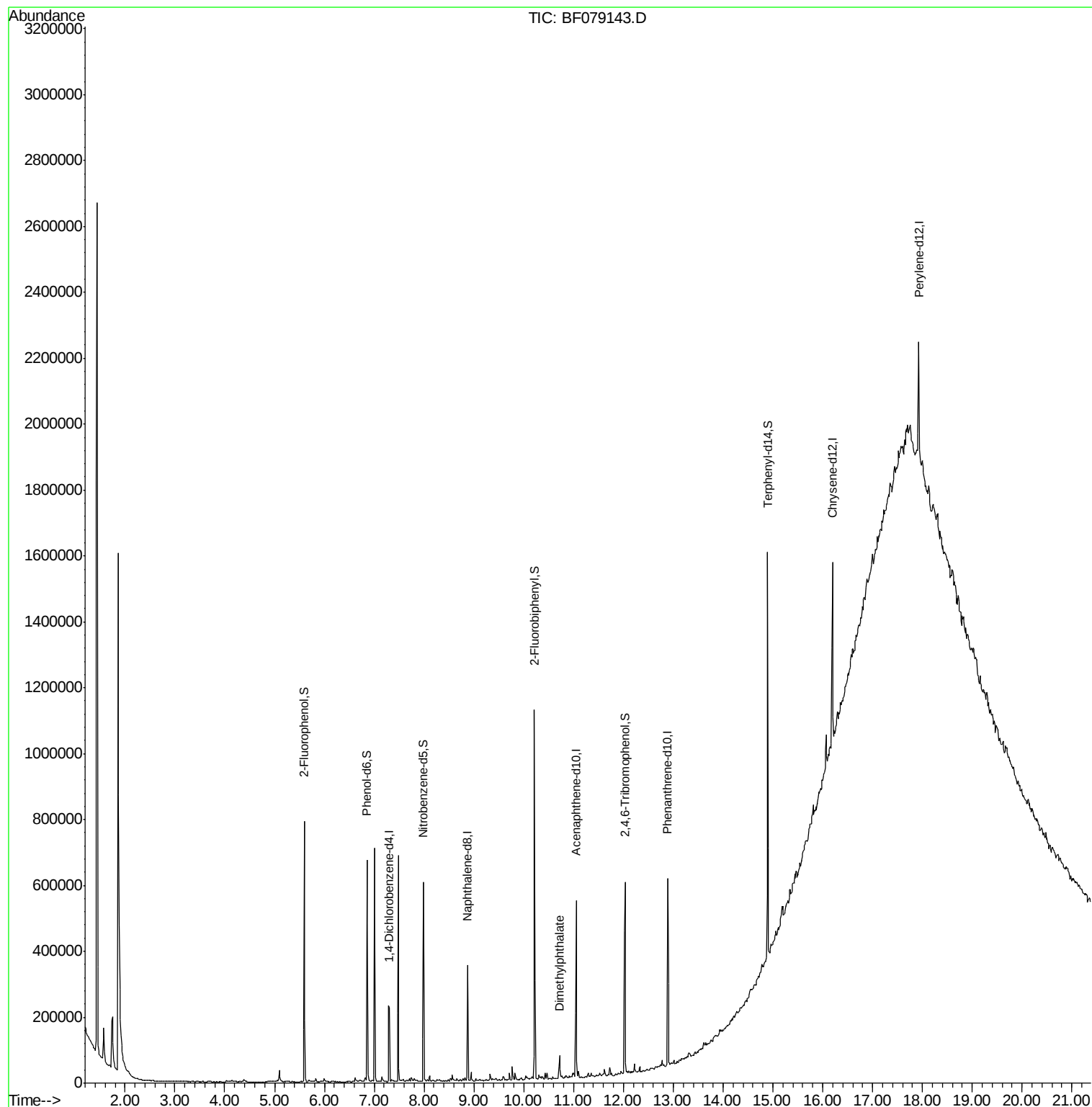
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	54430	20.00	ng	0.00
21) Naphthalene-d8	8.87	136	228744	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	114322	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	225008	20.00	ng	0.00
75) Chrysene-d12	16.19	240	243589	20.00	ng	0.00
86) Perylene-d12	17.93	264	238123	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	235885	74.60	ng	0.00
7) Phenol-d6	6.86	99	311856	74.61	ng	0.00
23) Nitrobenzene-d5	7.99	82	183450	46.09	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	98868	79.94	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	356091	43.40	ng	0.00
78) Terphenyl-d14	14.89	244	436455	42.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.72	163	25264	3.01	ng	Qvalue # 97

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

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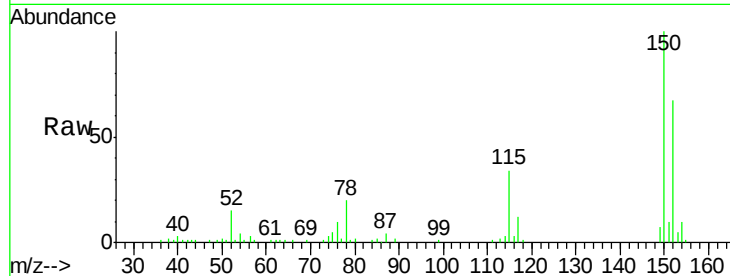




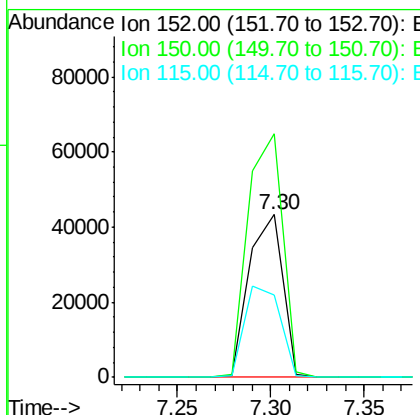
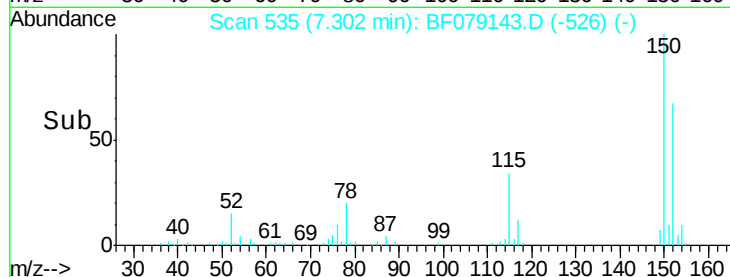
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.30 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(3-5)

Tot Ion:152 Resp: 54430
 Ion Ratio Lower Upper
 152 100
 150 149.4 122.0 183.0
 115 50.2 46.3 69.5

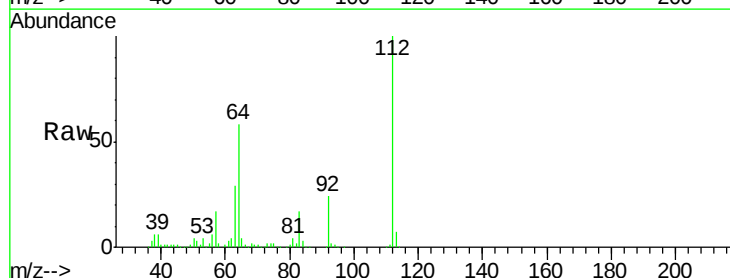


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

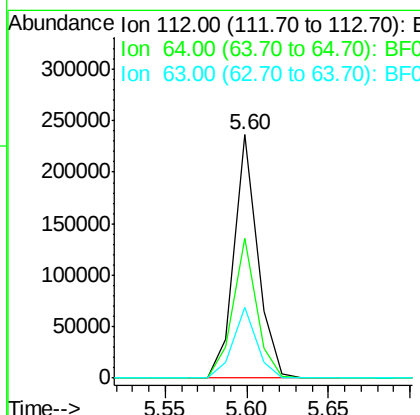
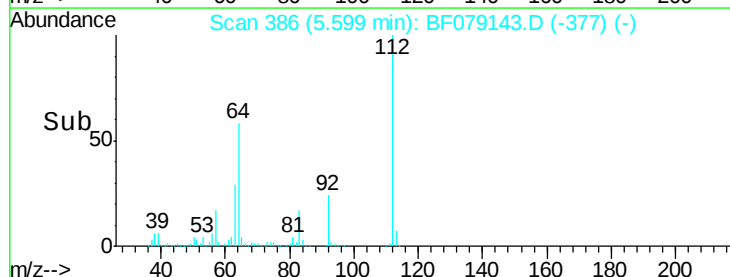


#5
 2-Fluorophenol
 Concen: 74.60 ng
 RT: 5.60 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Tgt Ion:112 Resp: 235885
 Ion Ratio Lower Upper
 112 100
 64 57.7 53.5 80.3
 63 29.2 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: 74.61 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

Instrument :

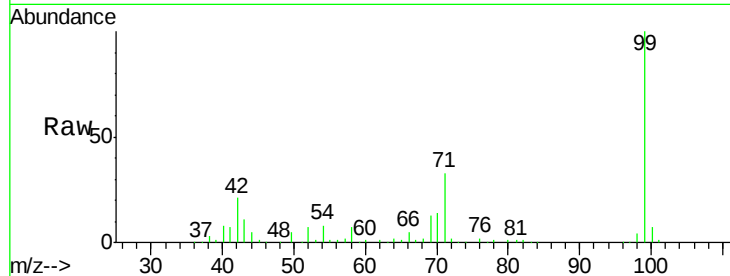
BNA_F

ClientSampleId :

PS-31(3-5)

Tot Ion: 99 Resp: 311856

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	32.7	23.4	35.2

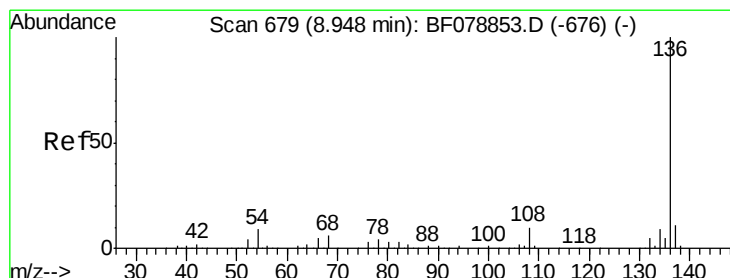
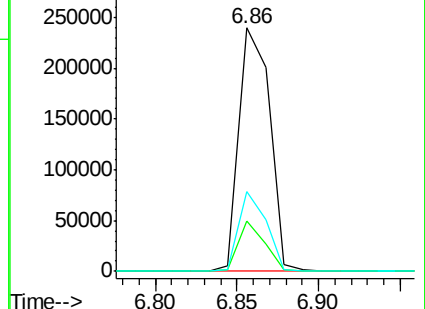
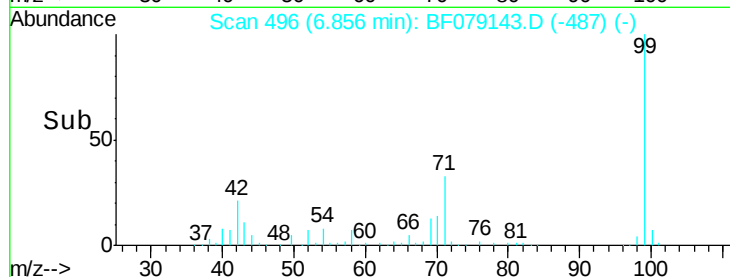


Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

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: 8.87 min Scan# 672

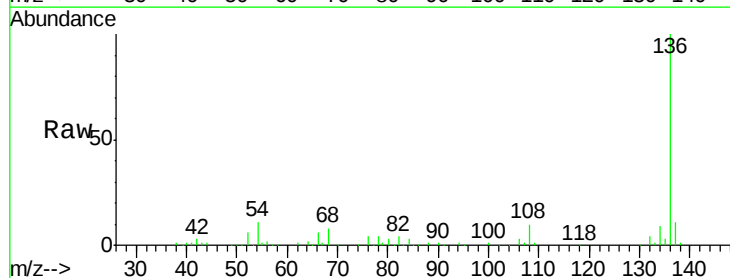
Delta R.T. -0.01 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

Tgt Ion: 136 Resp: 228744

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.7	5.8	8.8#
68	8.0	4.2	6.4#



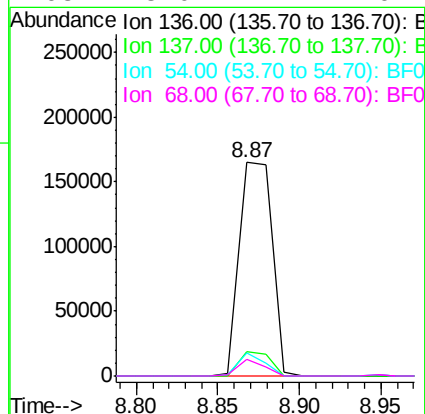
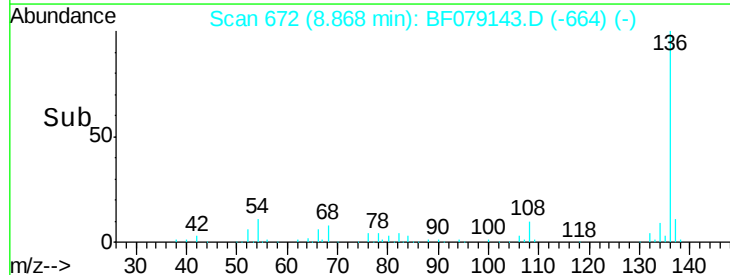
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

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-->

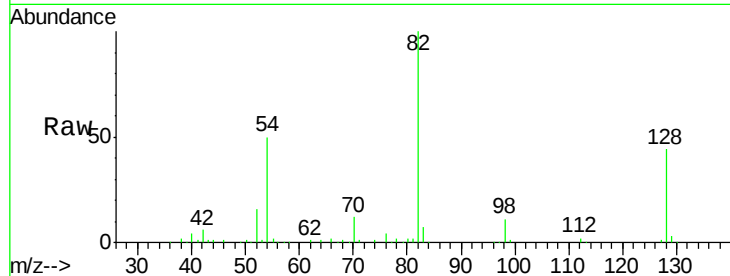




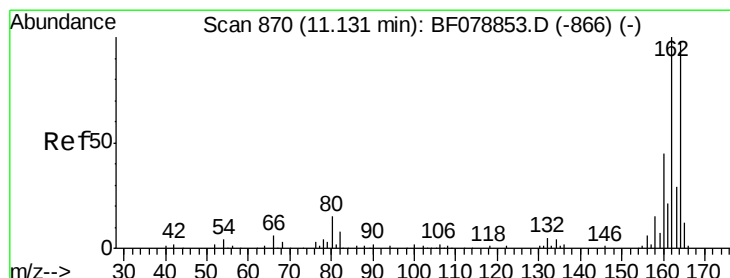
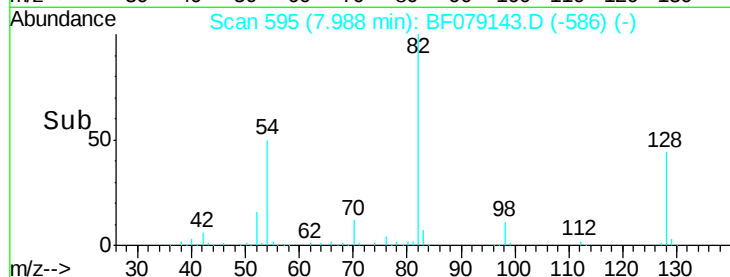
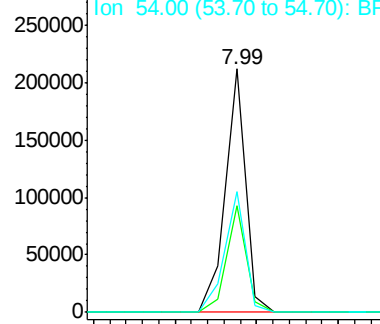
#23
 Nitrobenzene-d5
 Concen: 46.09 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(3-5)

Tot Ion	82	Resp	183450
Ion Ratio	100	Lower	Upper
128	43.7	30.0	45.0
54	49.6	46.4	69.6

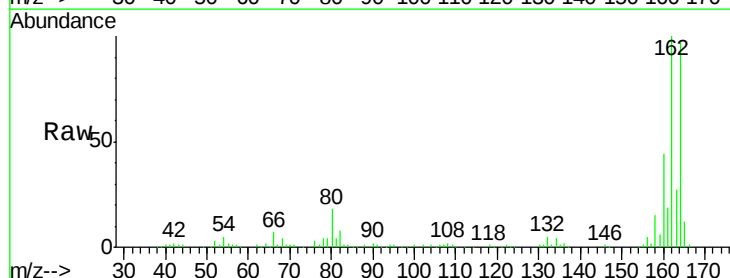


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

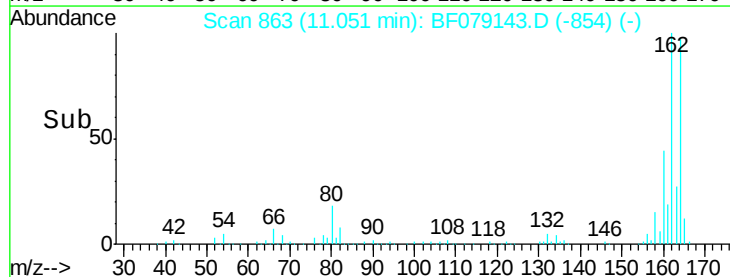
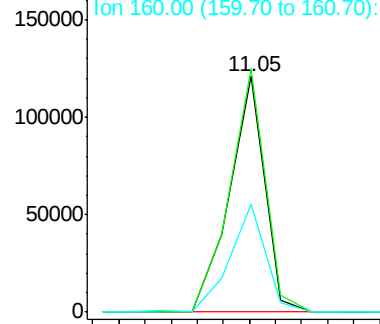


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Tgt Ion	164	Resp	114322
Ion Ratio	100	Lower	Upper
162	103.3	82.7	124.1
160	45.6	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

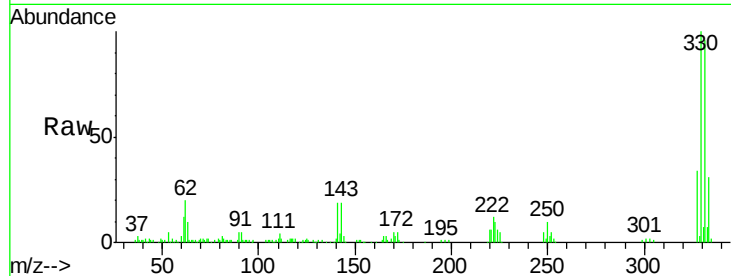




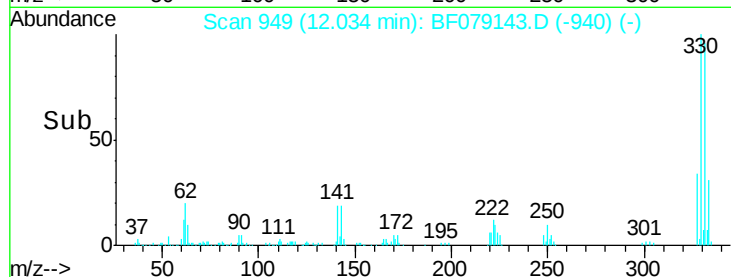
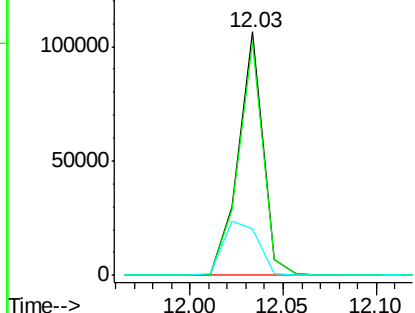
#41
 2,4,6-Tribromophenol
 Concen: 79.94 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(3-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	31.9	0.0	0.0#

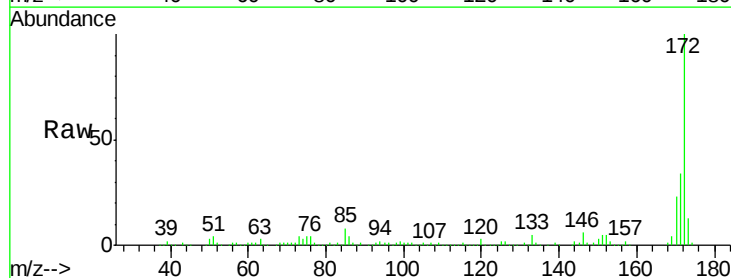


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

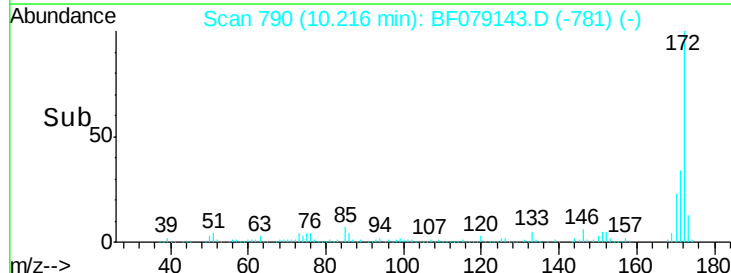
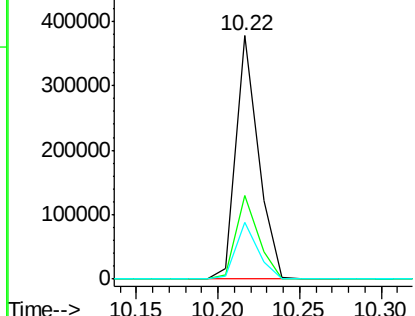


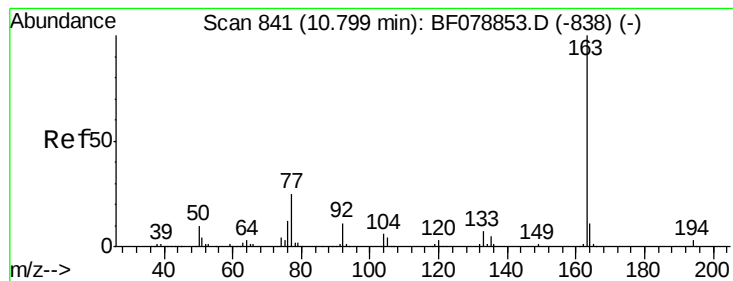
#44
 2-Fluorobiphenyl
 Concen: 43.40 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.4	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





#49

Dimethylphthalate

Concen: 3.01 ng

RT: 10.72 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

PS-31(3-5)

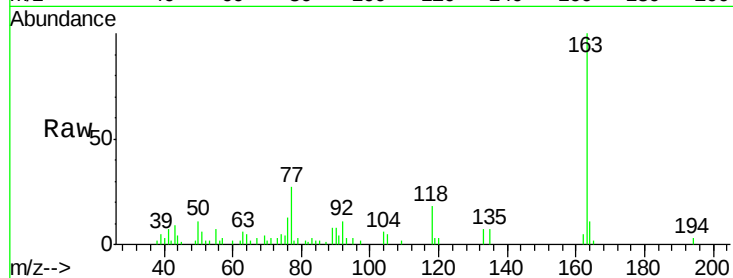
Tot Ion:163 Resp: 25264

Ion Ratio Lower Upper

163 100

194 2.6 2.6 4.0#

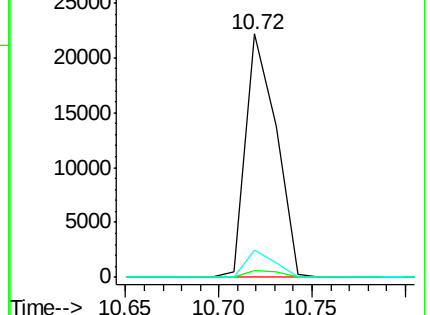
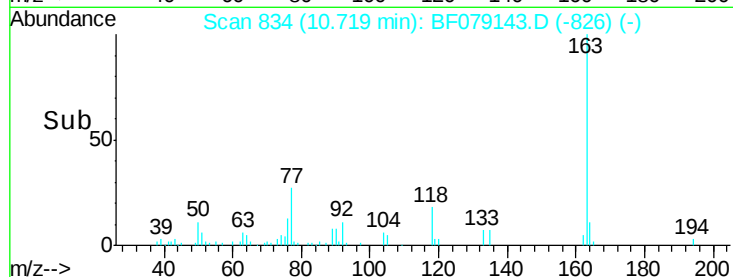
164 11.4 8.1 12.1



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: 12.89 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

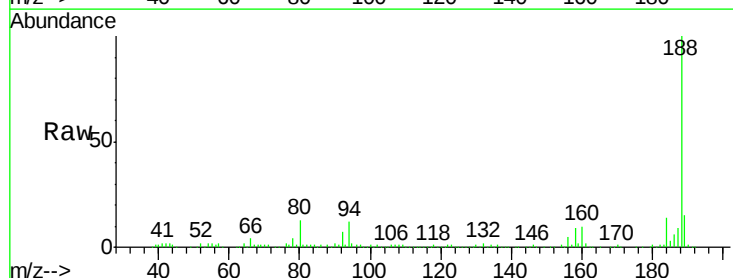
Tgt Ion:188 Resp: 225008

Ion Ratio Lower Upper

188 100

94 12.5 8.2 12.2#

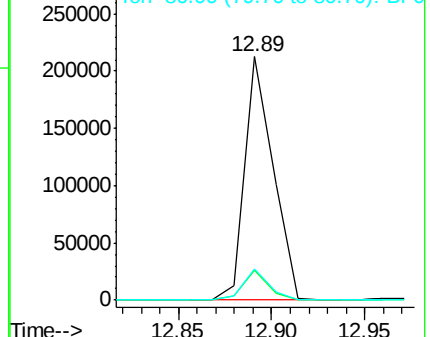
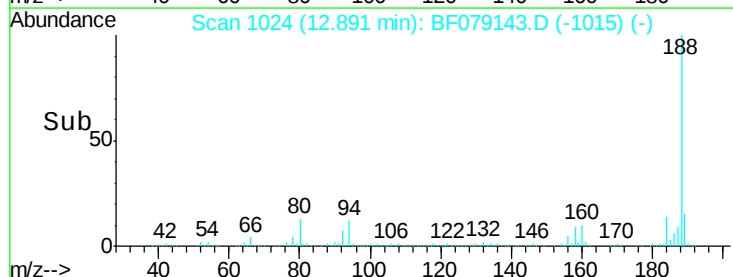
80 12.9 8.9 13.3

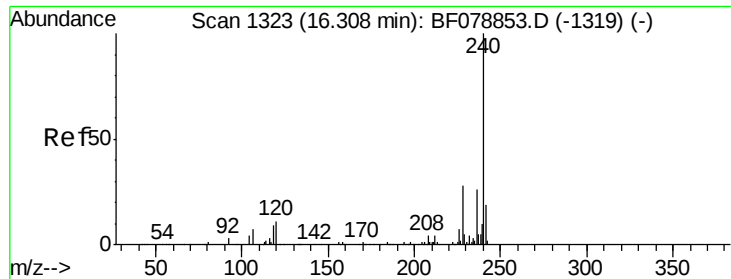


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.19 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

PS-31(3-5)

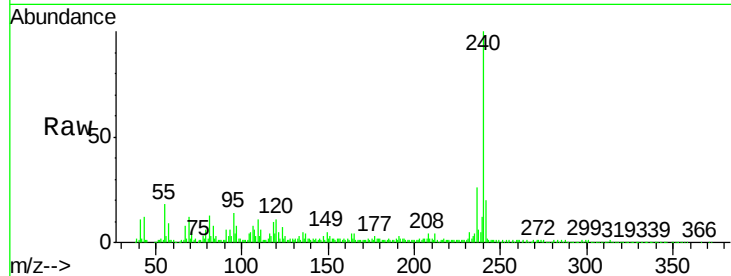
Tot Ion:240 Resp: 243589

Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

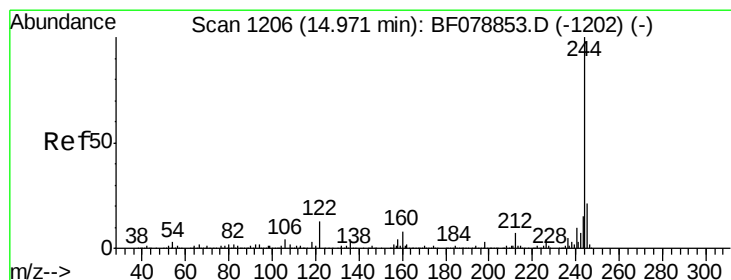
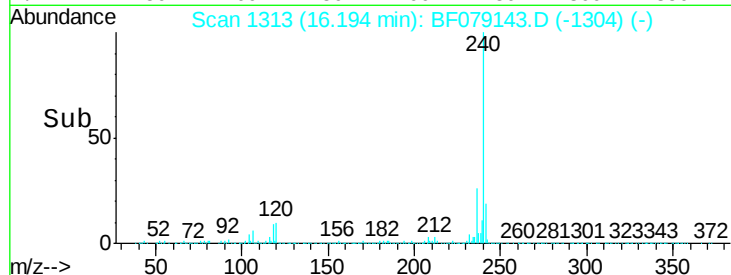
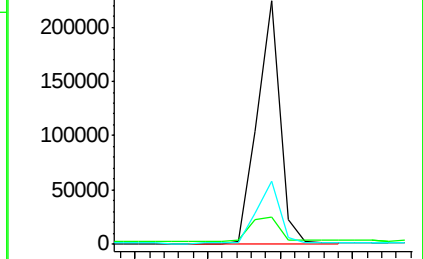
236 26.1 20.2 30.4



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: 42.90 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079143.D

Acq: 12 May 2015 6:10

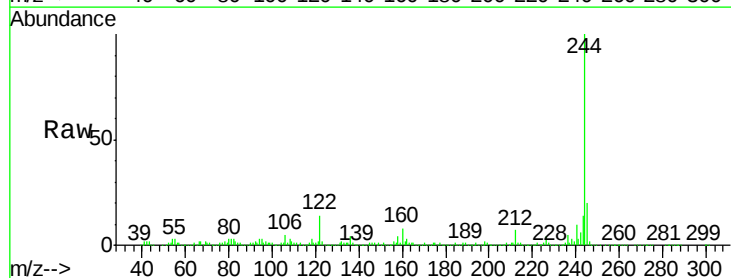
Tgt Ion:244 Resp: 436455

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

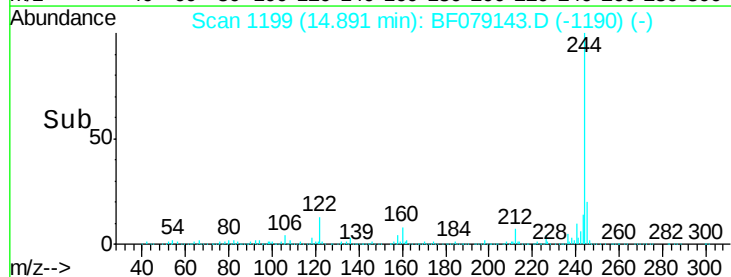
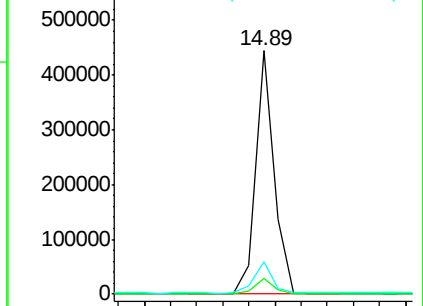
122 13.6 10.3 15.5

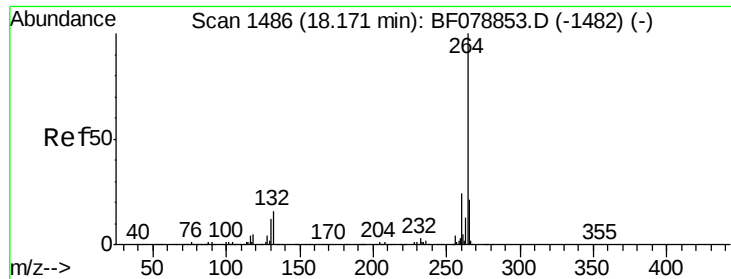


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

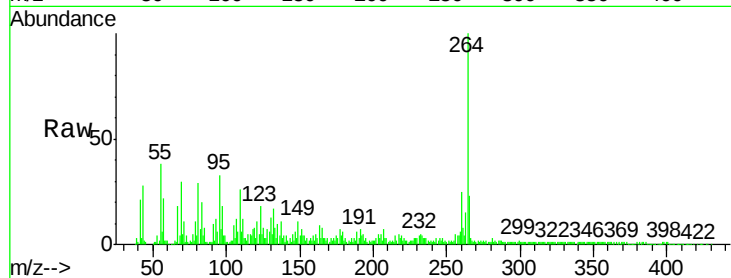




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.93 min Scan# 1465
 Delta R.T. 0.05 min
 Lab File: BF079143.D
 Acq: 12 May 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(3-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	23.1	18.3	27.5

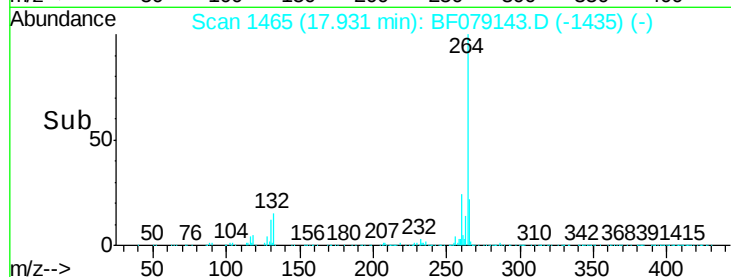
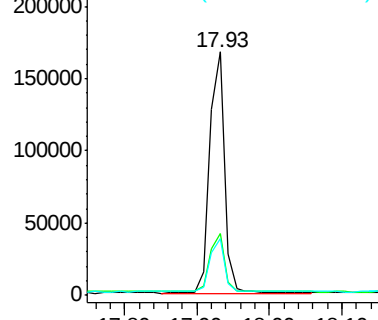


Abundance

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



Time-->