

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079142.D
 Acq On : 12 May 2015 5:42
 Operator : TP/IZ
 Sample : G2176-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-3)

Quant Time: May 12 06:31:38 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 05:22:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	48602	20.00	ng	0.00
21) Naphthalene-d8	8.87	136	208053	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	106703	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	214269	20.00	ng	0.00
75) Chrysene-d12	16.18	240	236595	20.00	ng	-0.01
86) Perylene-d12	17.90	264	248327	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	130973	46.39	ng	0.00
7) Phenol-d6	6.86	99	183167	49.08	ng	0.00
23) Nitrobenzene-d5	7.99	82	103922	28.71	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	56660	49.08	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	229250	29.93	ng	0.00
78) Terphenyl-d14	14.89	244	302932	30.65	ng	0.00

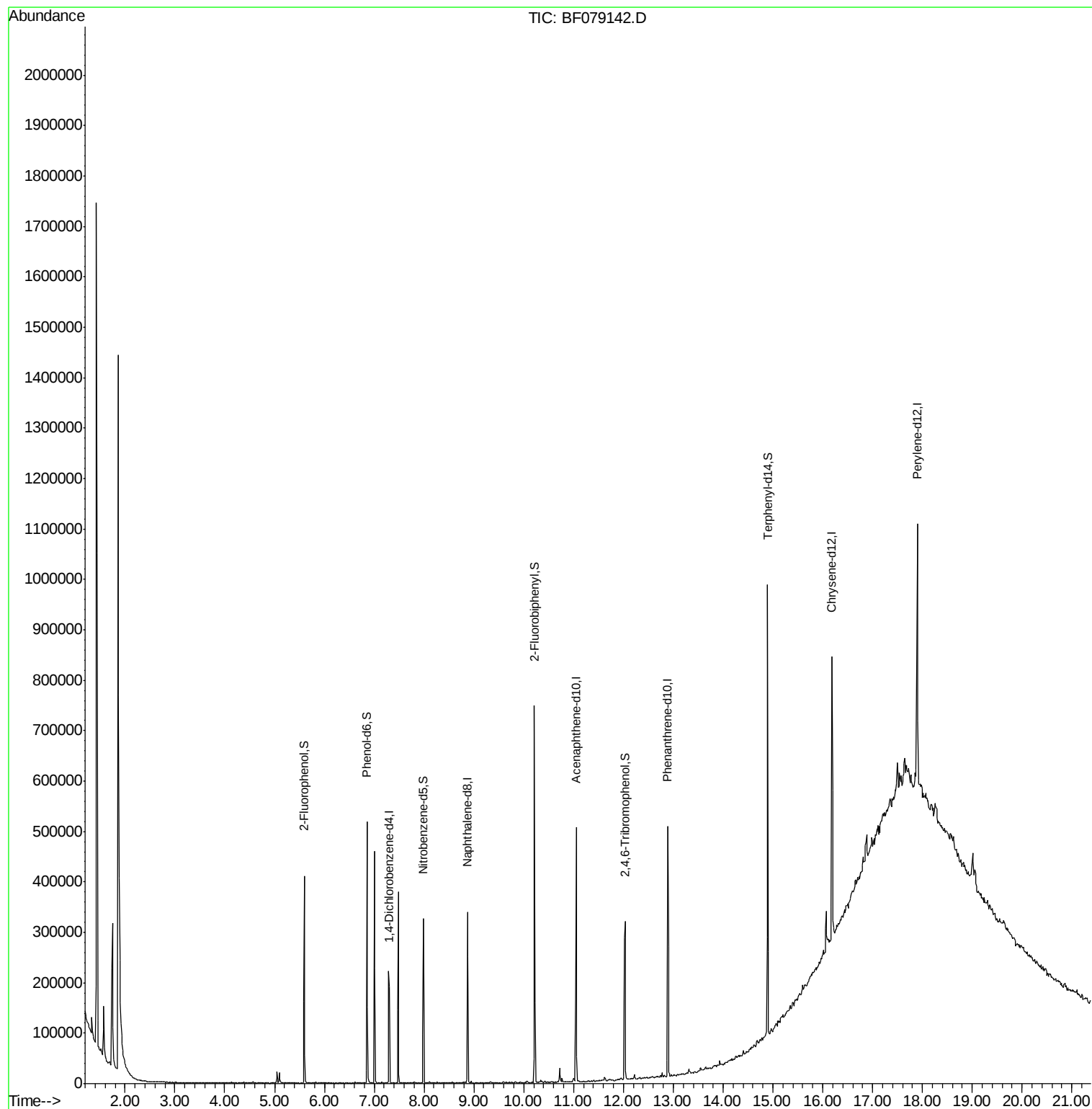
Target Compounds Qvalue

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

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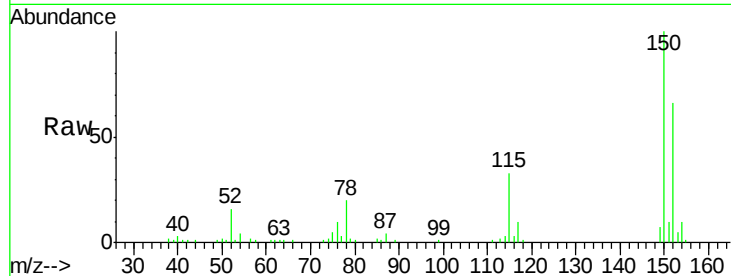


#1

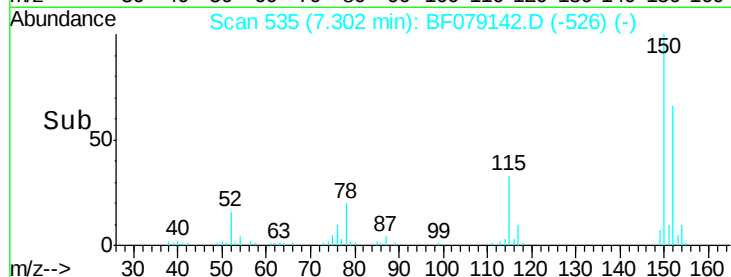
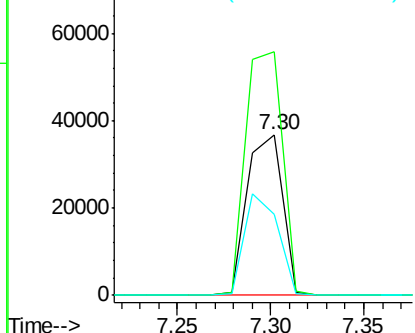
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF079142.D
Acq: 12 May 2015 5:42

Instrument :
BNA_F
ClientSampleId :
PS-31(0-3)

Tot Ion:152 Resp: 48602
Ion Ratio Lower Upper
152 100
150 151.2 122.0 183.0
115 50.4 46.3 69.5



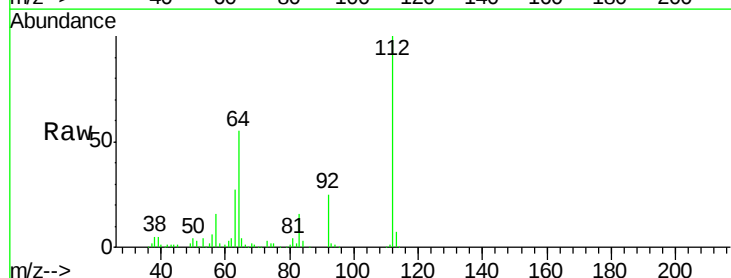
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



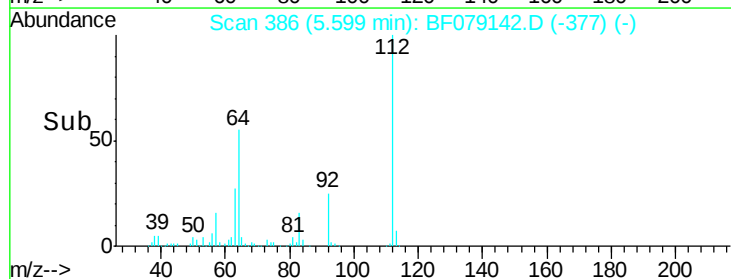
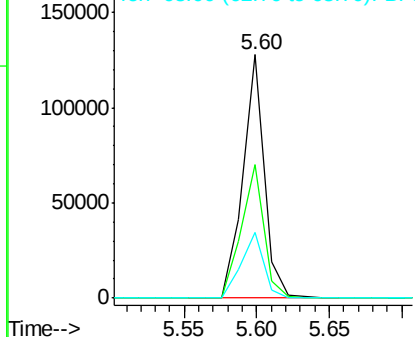
#5

2-Fluorophenol
Concen: 46.39 ng
RT: 5.60 min Scan# 386
Delta R.T. 0.00 min
Lab File: BF079142.D
Acq: 12 May 2015 5:42

Tgt Ion:112 Resp: 130973
Ion Ratio Lower Upper
112 100
64 54.8 53.5 80.3
63 27.2 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: 49.08 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF079142.D

Acq: 12 May 2015 5:42

Instrument :

BNA_F

ClientSampleId :

PS-31(0-3)

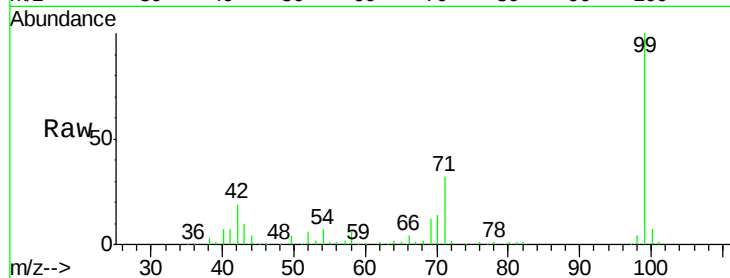
Tot Ion: 99 Resp: 183167

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

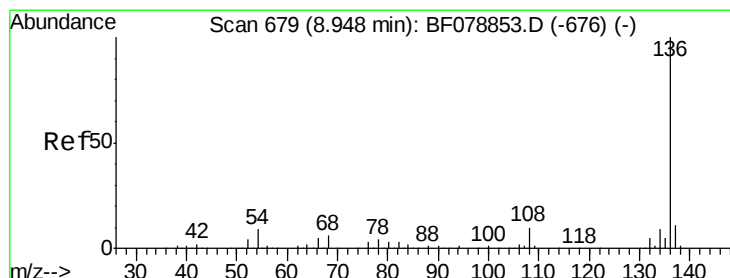
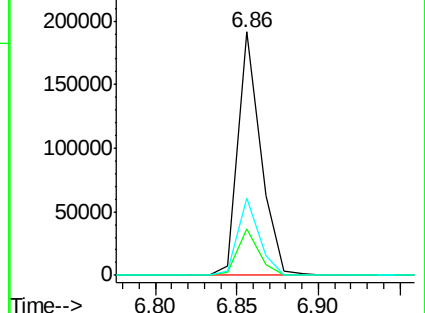
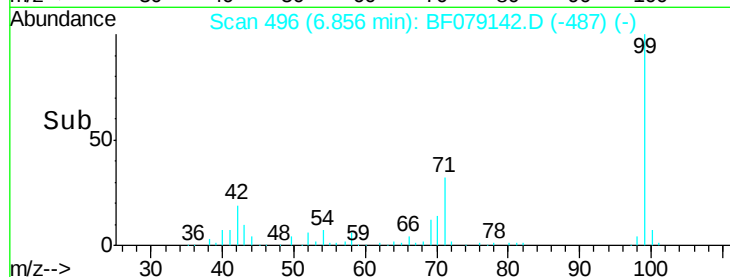
71 31.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079142.D (-487) (-)

Ion 42.00 (41.70 to 42.70): BF079142.D (-487) (-)

Ion 71.00 (70.70 to 71.70): BF079142.D (-487) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.87 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF079142.D

Acq: 12 May 2015 5:42

Tgt Ion: 136 Resp: 208053

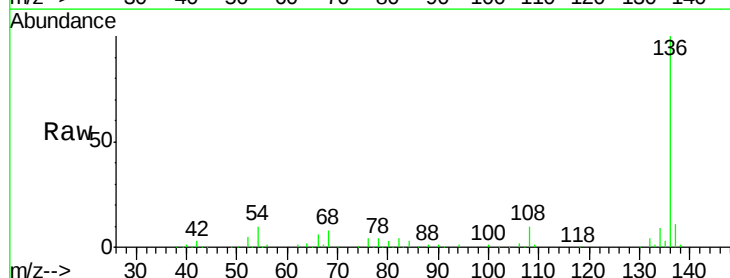
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.1 5.8 8.8#

68 7.5 4.2 6.4#

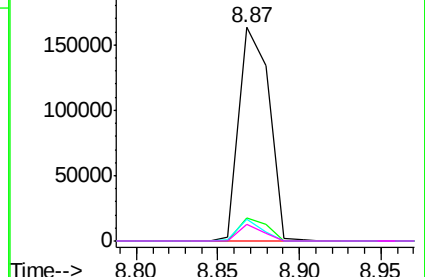
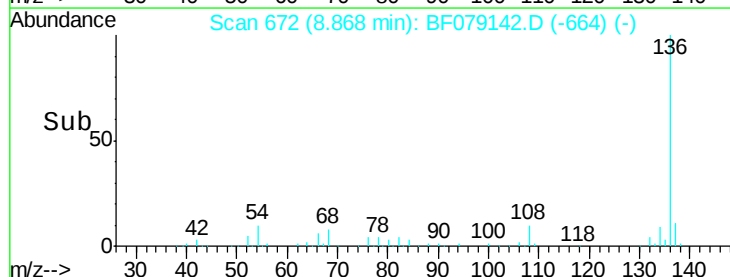


Abundance Ion 136.00 (135.70 to 136.70): BF079142.D (-664) (-)

Ion 137.00 (136.70 to 137.70): BF079142.D (-664) (-)

Ion 54.00 (53.70 to 54.70): BF079142.D (-664) (-)

Ion 68.00 (67.70 to 68.70): BF079142.D (-664) (-)

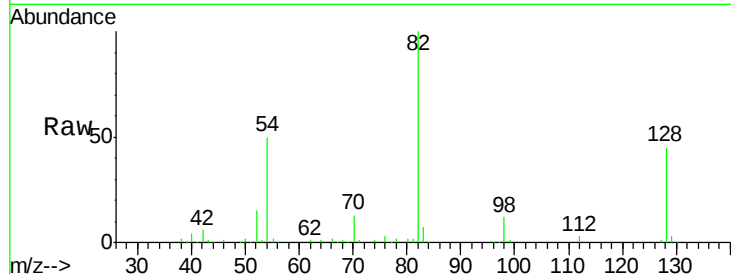




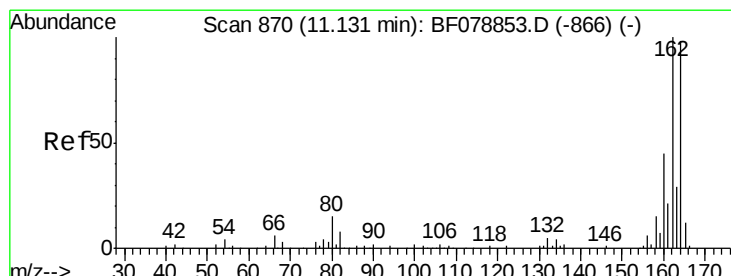
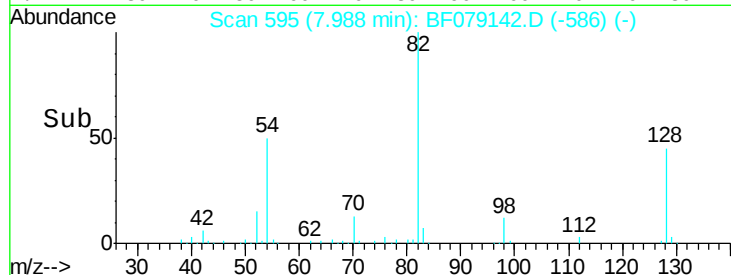
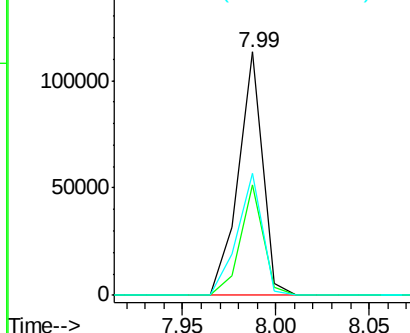
#23
 Nitrobenzene-d5
 Concen: 28.71 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079142.D
 Acq: 12 May 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-3)

Tot Ion	82	Resp	103922
Ion Ratio	100	Lower	Upper
128	45.5	30.0	45.0#
54	50.4	46.4	69.6

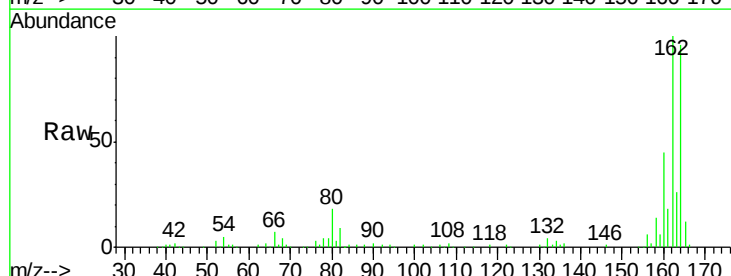


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

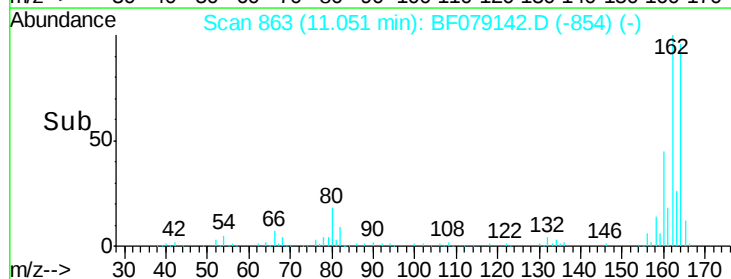
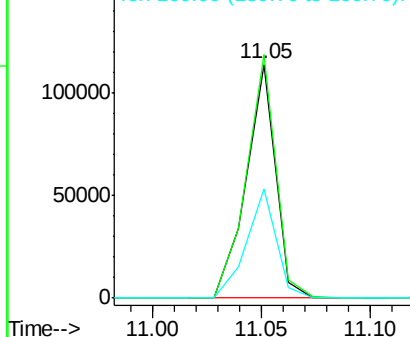


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF079142.D
 Acq: 12 May 2015 5:42

Tgt Ion	164	Resp	106703
Ion Ratio	100	Lower	Upper
162	104.1	82.7	124.1
160	46.6	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

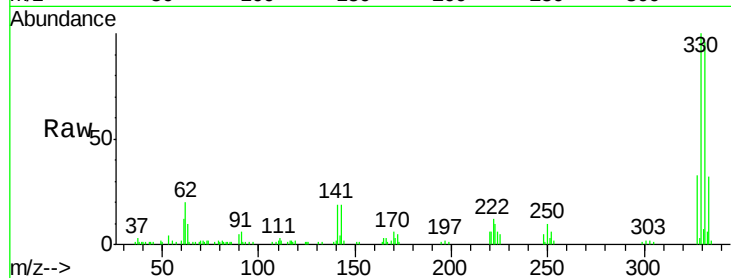




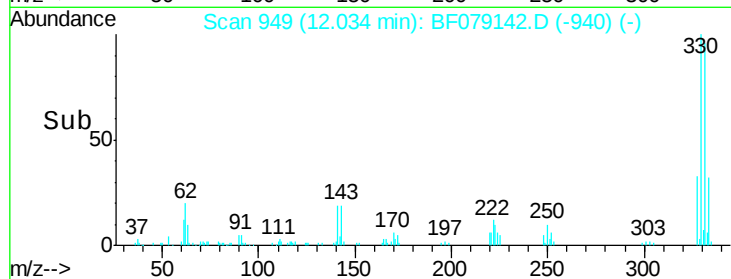
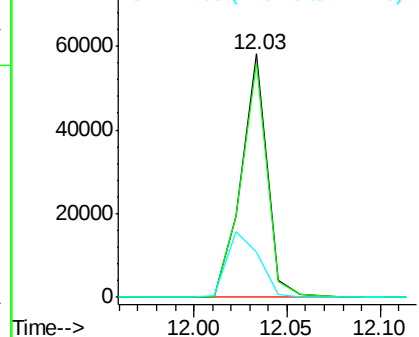
#41
 2,4,6-Tribromophenol
 Concen: 49.08 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079142.D
 Acq: 12 May 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.6	0.0	0.0#

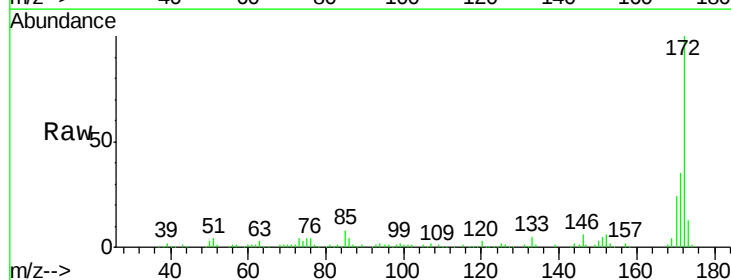


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

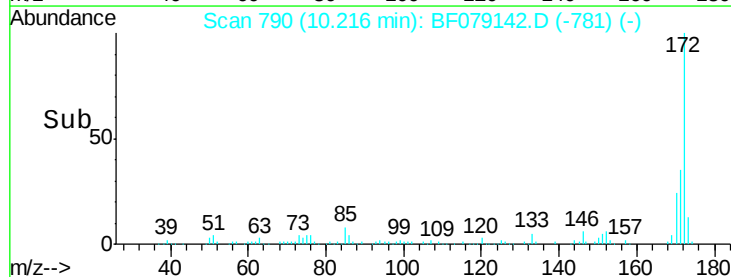
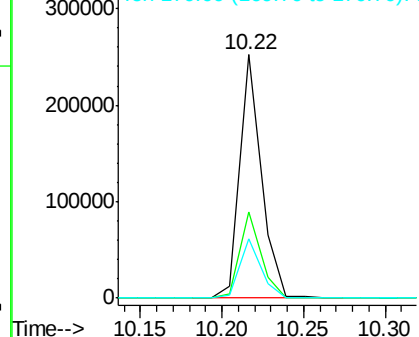


#44
 2-Fluorobiphenyl
 Concen: 29.93 ng
 RT: 10.22 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF079142.D
 Acq: 12 May 2015 5:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	24.2	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

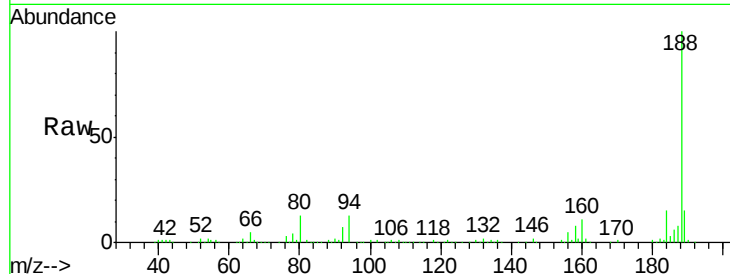




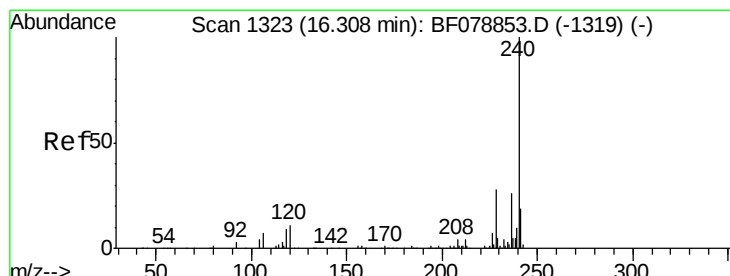
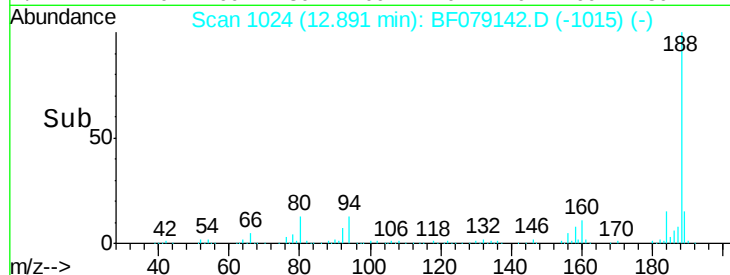
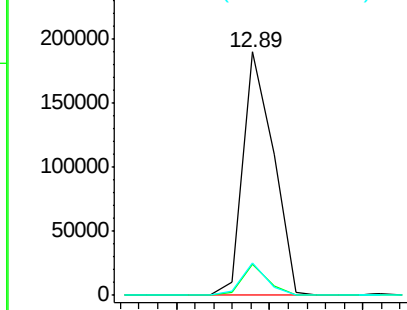
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF079142.D
Acq: 12 May 2015 5:42

Instrument :
BNA_F
ClientSampleId :
PS-31(0-3)

Tot Ion:188 Resp: 214269
Ion Ratio Lower Upper
188 100
94 13.0 8.2 12.2#
80 13.4 8.9 13.3#

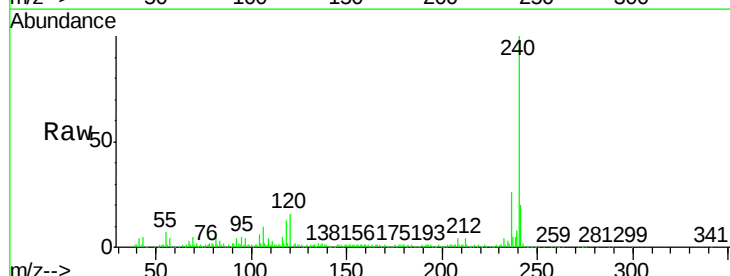


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

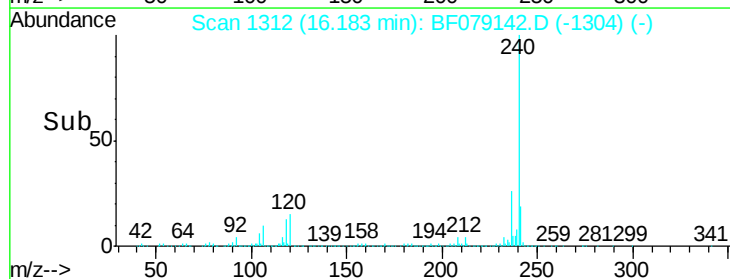
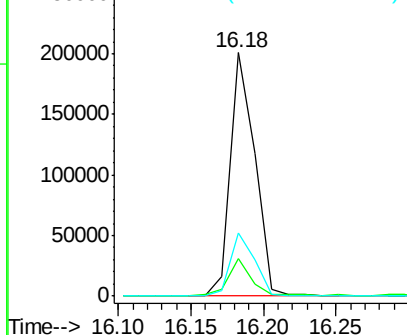


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF079142.D
Acq: 12 May 2015 5:42

Tgt Ion:240 Resp: 236595
Ion Ratio Lower Upper
240 100
120 15.6 9.7 14.5#
236 25.9 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: 30.65 ng

RT: 14.89 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF079142.D

Acq: 12 May 2015 5:42

Instrument :

BNA_F

ClientSampleId :

PS-31(0-3)

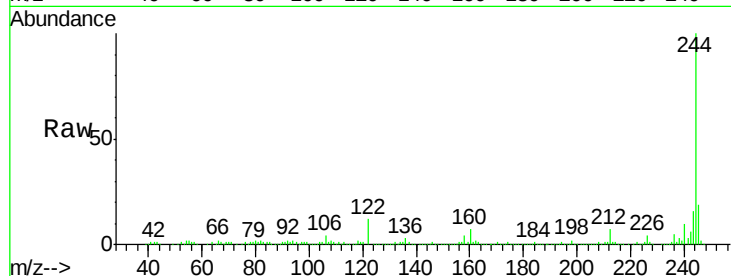
Tot Ion:244 Resp: 302932

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

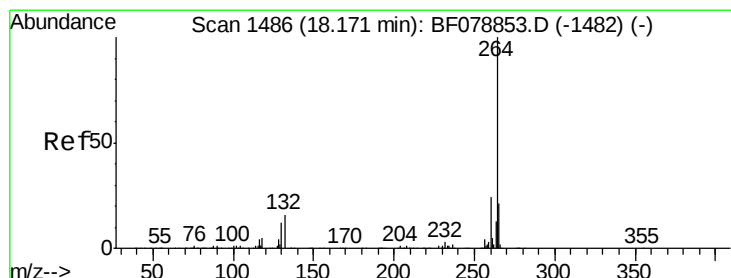
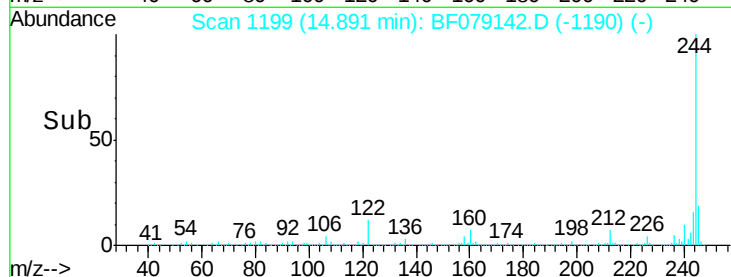
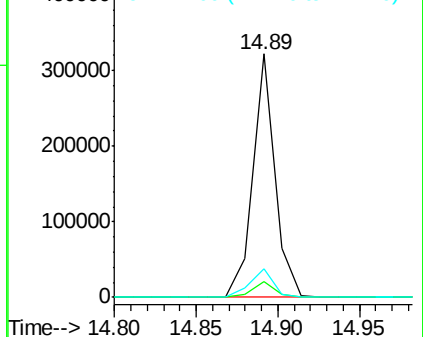
122 11.7 10.3 15.5



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: 17.90 min Scan# 1462

Delta R.T. -0.07 min

Lab File: BF079142.D

Acq: 12 May 2015 5:42

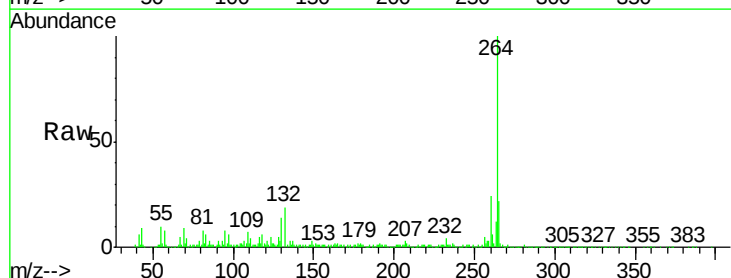
Tgt Ion:264 Resp: 248327

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.8 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

