

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079147.D
 Acq On : 12 May 2015 8:04
 Operator : TP/IZ
 Sample : G2176-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(5-10)

Quant Time: May 12 08:53:40 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

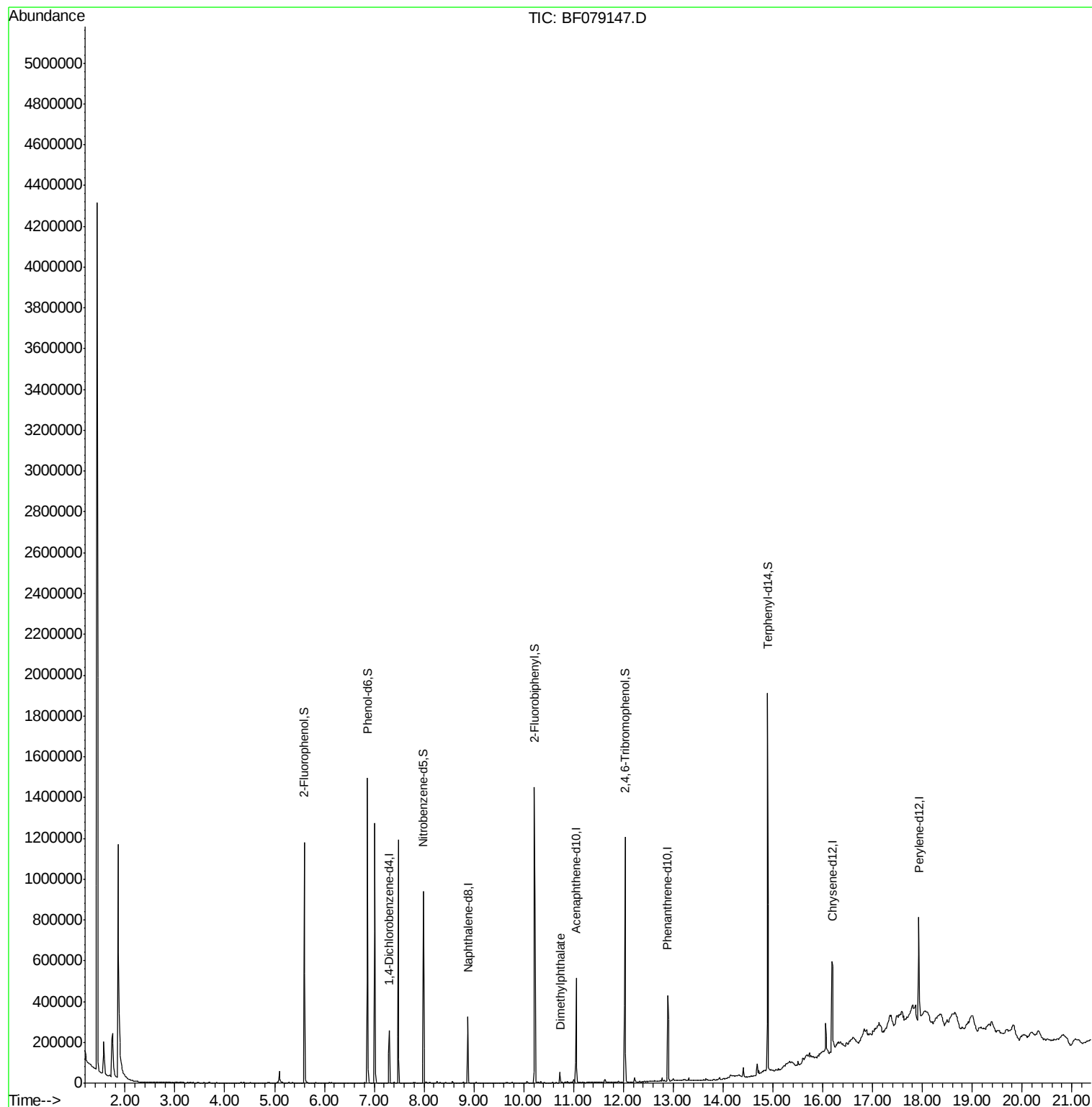
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	48226	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	200839	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	104629	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	205296	20.00	ng	0.00
75) Chrysene-d12	16.19	240	226982	20.00	ng	0.00
86) Perylene-d12	17.93	264	248400	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	383947	137.04	ng	0.00
7) Phenol-d6	6.87	99	543482	146.76	ng	0.01
23) Nitrobenzene-d5	7.99	82	287004	82.13	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	159397	140.82	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	576684	76.79	ng	0.00
78) Terphenyl-d14	14.89	244	700249	73.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.73	163	28942	3.77	ng	Qvalue # 97

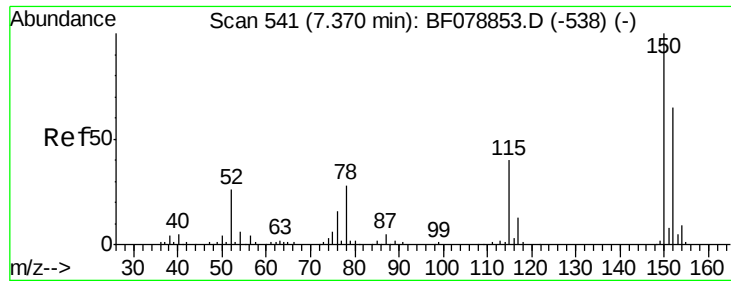
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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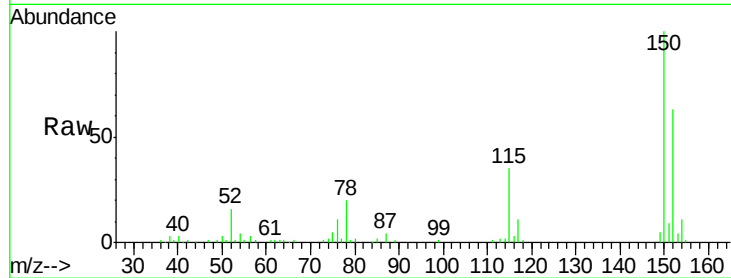


#1

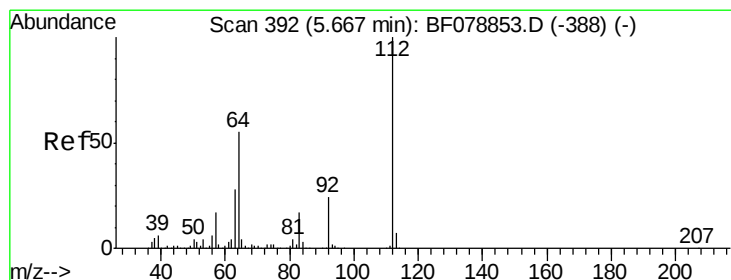
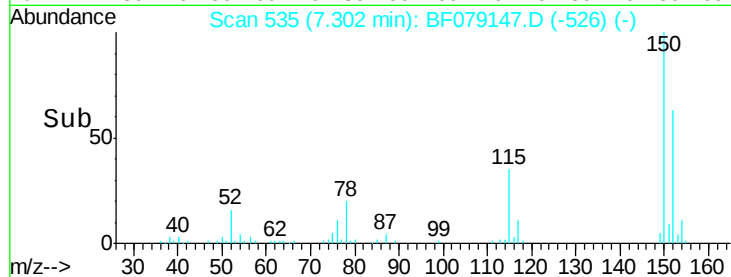
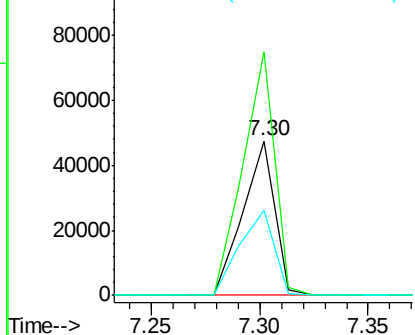
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079147.D
Acq: 12 May 2015 8:04

Instrument :
BNA_F
ClientSampleId :
PS-29(5-10)

Tgt Ion:152 Resp: 48226
Ion Ratio Lower Upper
152 100
150 157.7 122.0 183.0
115 54.9 46.3 69.5



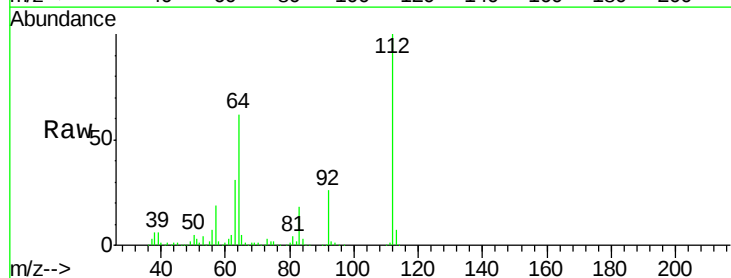
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



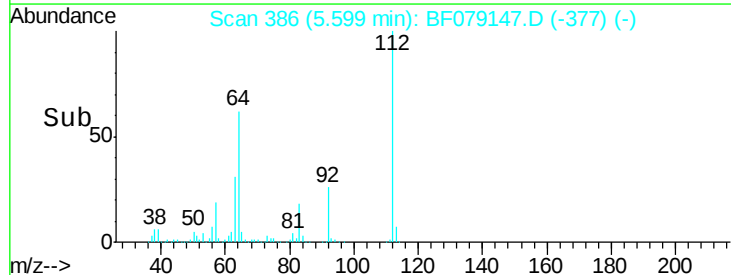
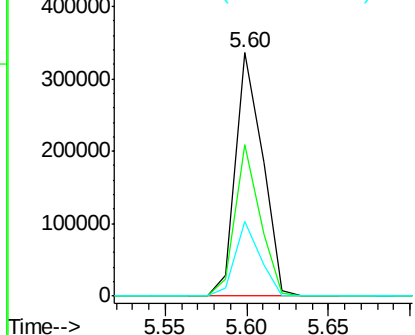
#5

2-Fluorophenol
Concen: 137.04 ng
RT: 5.60 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF079147.D
Acq: 12 May 2015 8:04

Tgt Ion:112 Resp: 383947
Ion Ratio Lower Upper
112 100
64 62.4 53.5 80.3
63 30.6 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: 146.76 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079147.D

Acq: 12 May 2015 8:04

Instrument :

BNA_F

ClientSampleId :

PS-29(5-10)

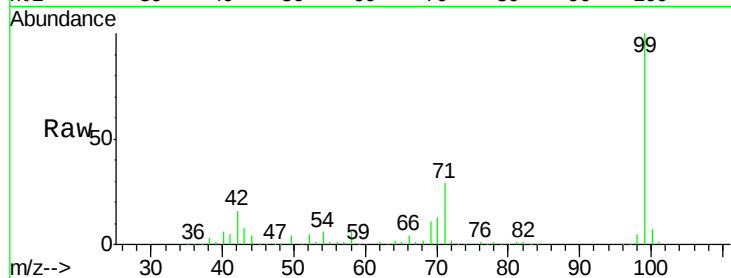
Tgt Ion: 99 Resp: 543482

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

71 28.9 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

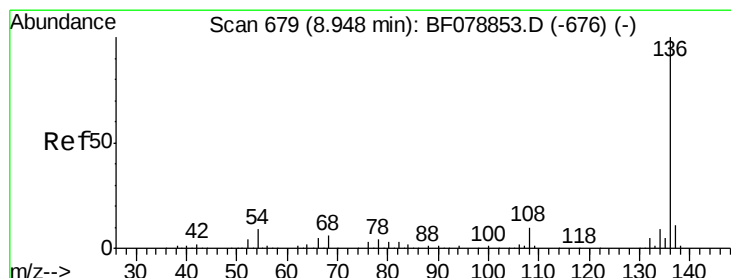
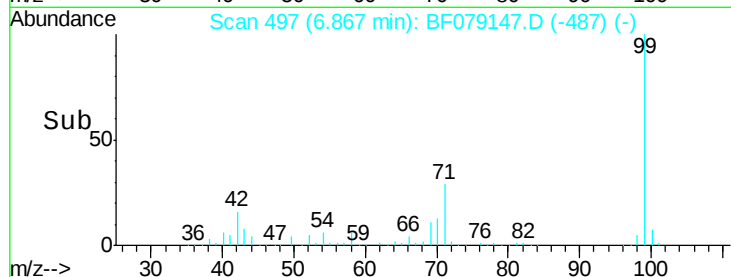
6.87

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF079147.D

Acq: 12 May 2015 8:04

Tgt Ion: 136 Resp: 200839

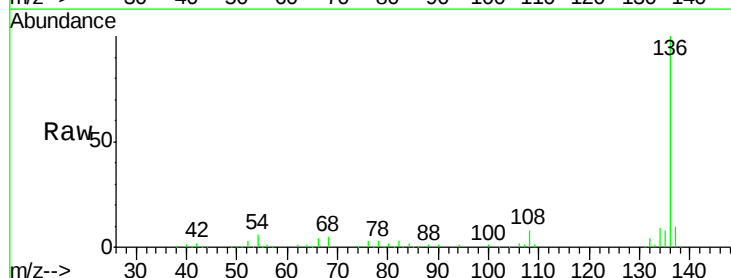
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.0 5.8 8.8

68 4.6 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

8.88

250000

200000

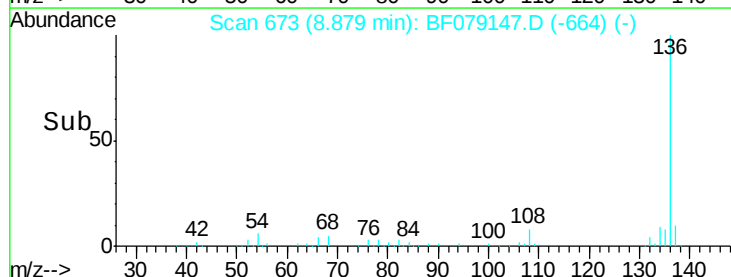
150000

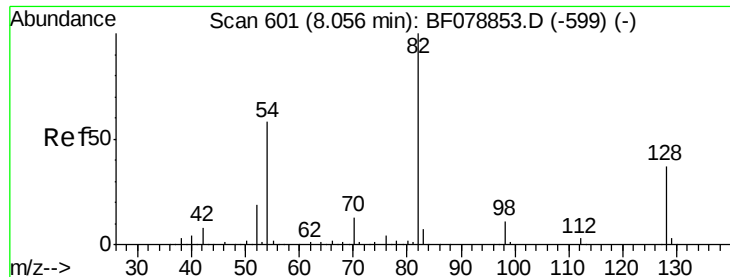
100000

50000

0

Time-->

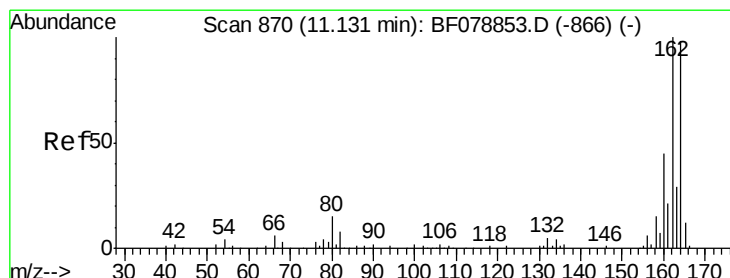
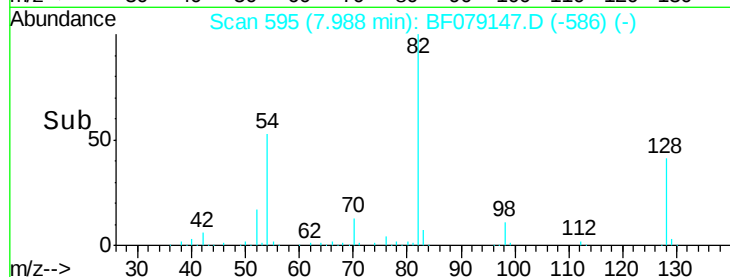
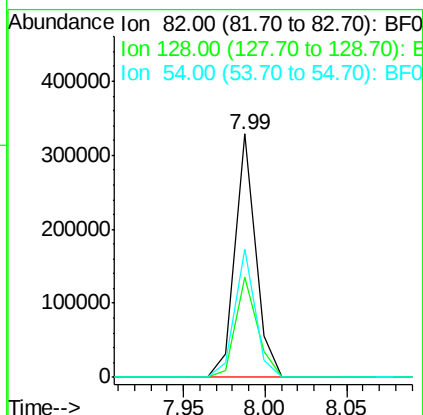
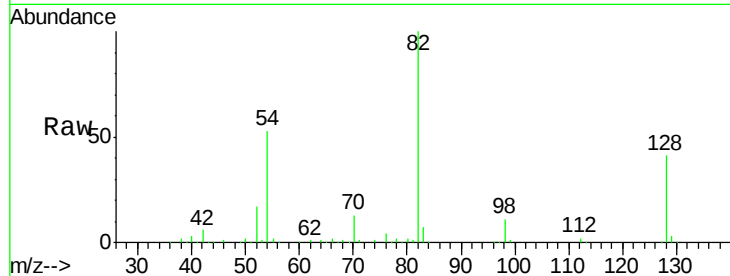




#23
 Nitrobenzene-d5
 Concen: 82.13 ng
 RT: 7.99 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF079147.D
 Acq: 12 May 2015 8:04

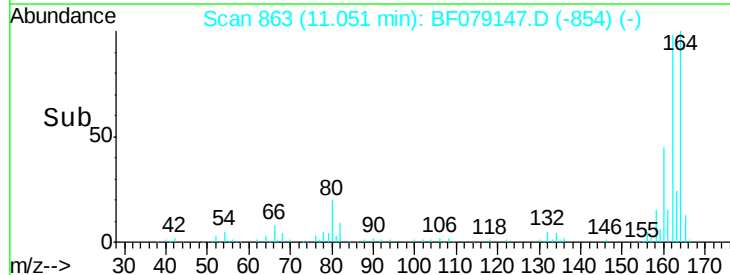
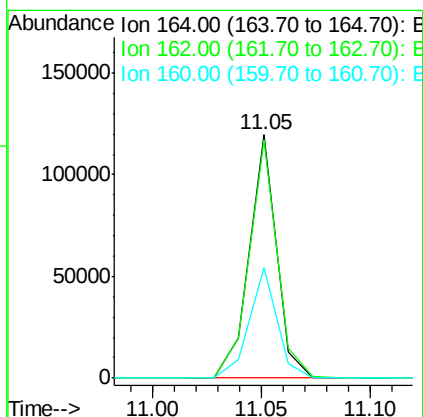
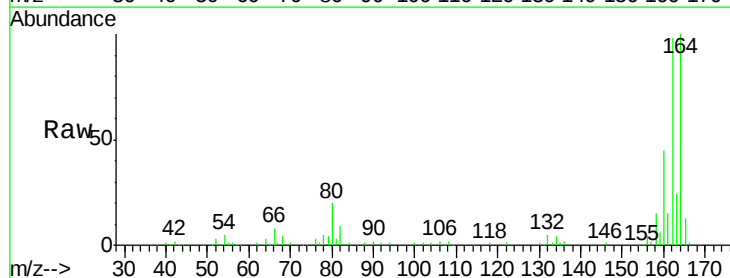
Instrument :
 BNA_F
 ClientSampleId :
 PS-29(5-10)

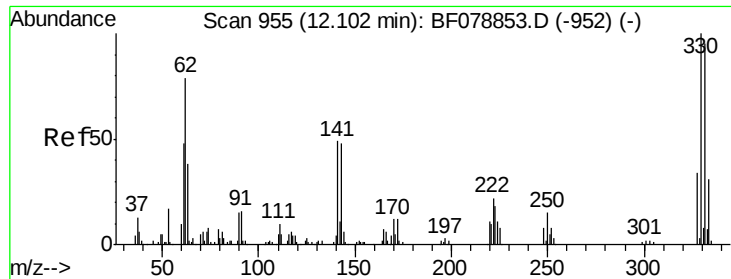
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	30.0	45.0
54	53.0	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079147.D
 Acq: 12 May 2015 8:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	82.7	124.1
160	45.2	35.8	53.8

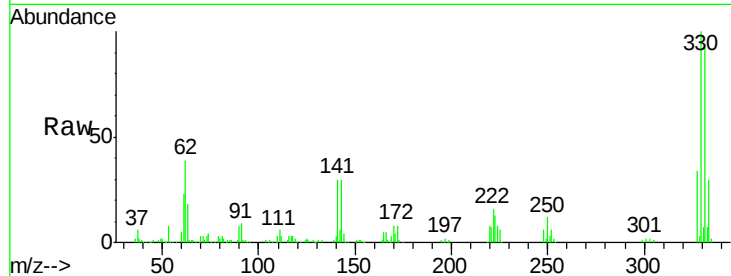




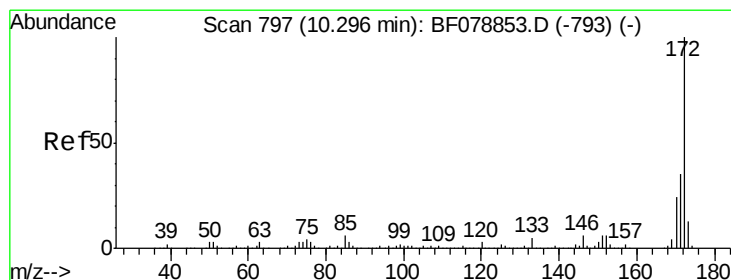
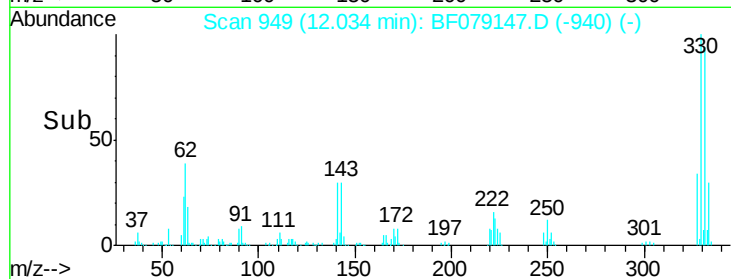
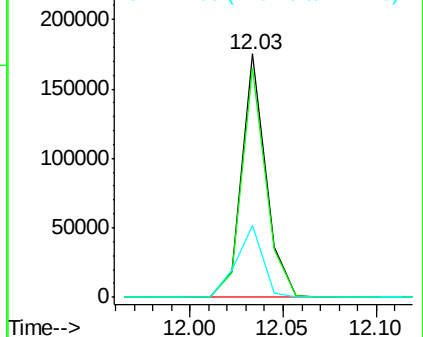
#41
 2,4,6-Tribromophenol
 Concen: 140.82 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079147.D
 Acq: 12 May 2015 8:04

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(5-10)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	32.6	0.0	0.0#

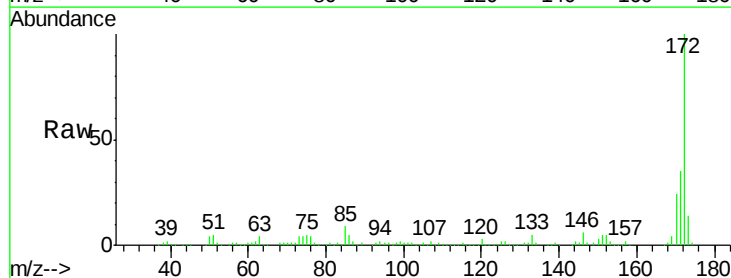


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

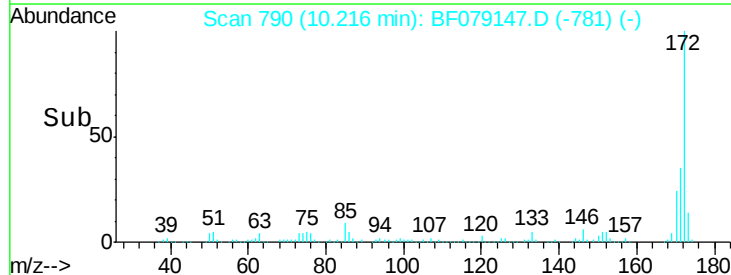
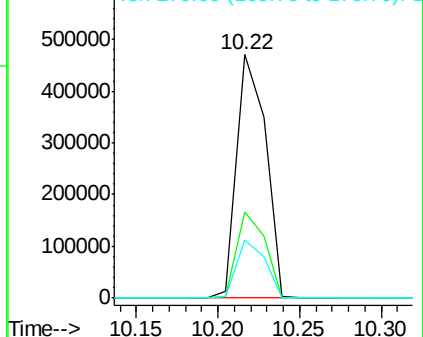


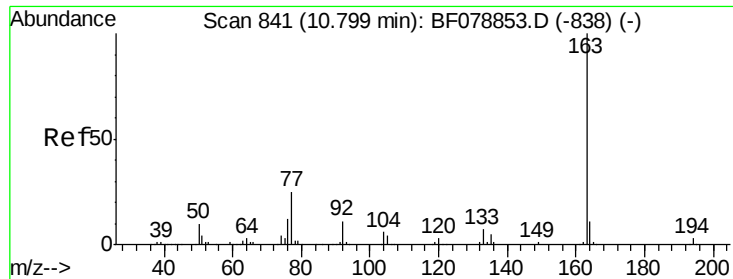
#44
 2-Fluorobiphenyl
 Concen: 76.79 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF079147.D
 Acq: 12 May 2015 8:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.6	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: 3.77 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF079147.D

Acq: 12 May 2015 8:04

Instrument :

BNA_F

ClientSampled :

PS-29(5-10)

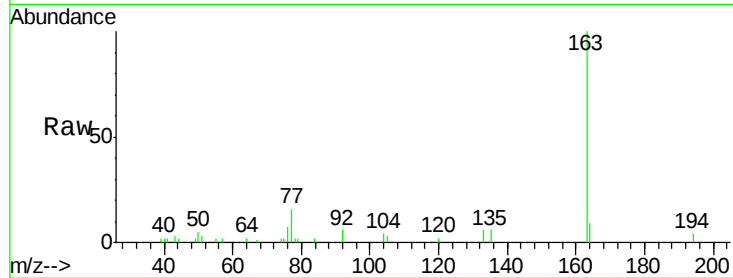
Tgt Ion:163 Resp: 28942

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

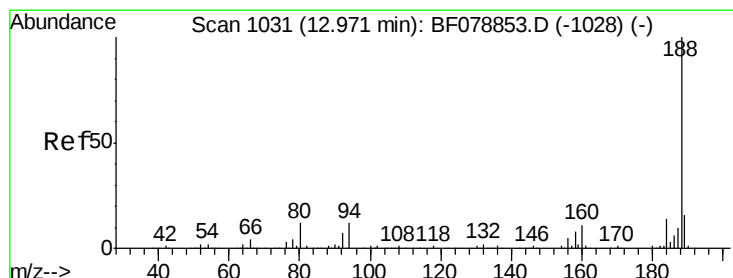
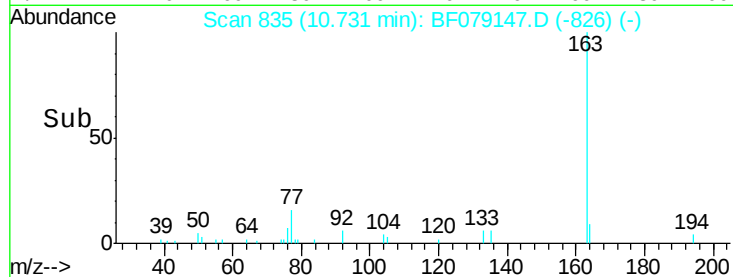
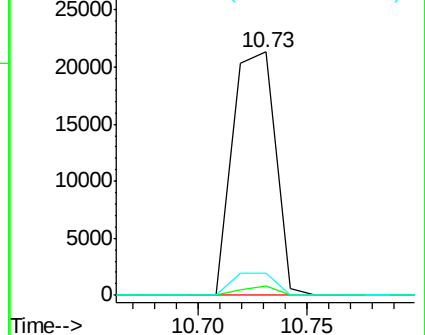
164 8.9 8.1 12.1



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: BF079147.D

Acq: 12 May 2015 8:04

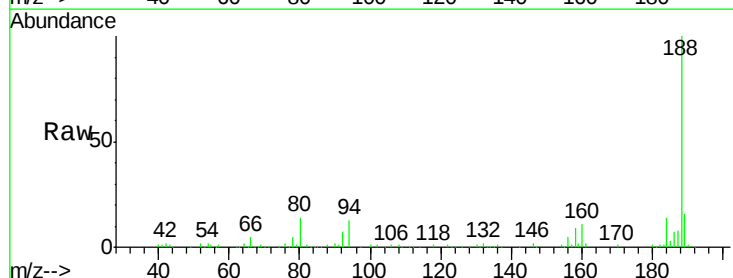
Tgt Ion:188 Resp: 205296

Ion Ratio Lower Upper

188 100

94 13.3 8.2 12.2#

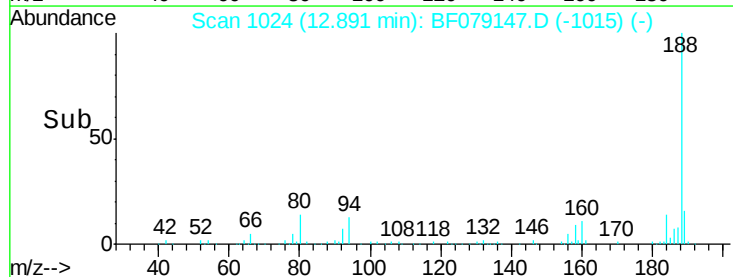
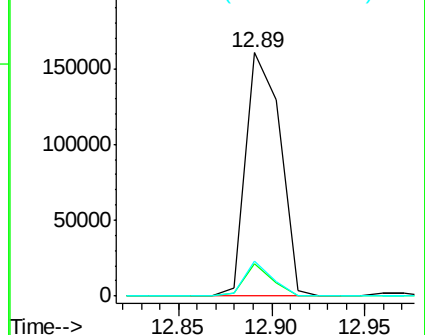
80 14.3 8.9 13.3#

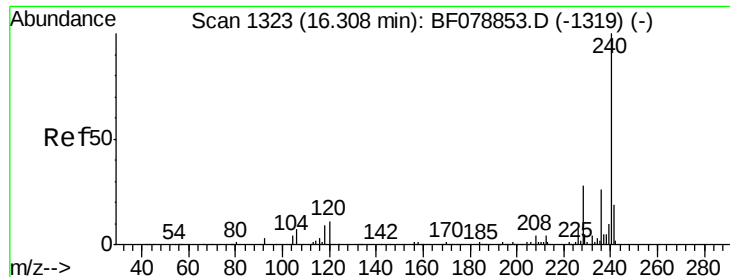


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF079147.D

Acq: 12 May 2015 8:04

Instrument :

BNA_F

ClientSampleId :

PS-29(5-10)

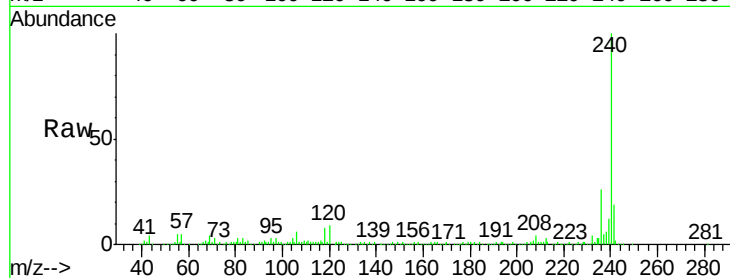
Tgt Ion:240 Resp: 226982

Ion Ratio Lower Upper

240 100

120 8.6 9.7 14.5#

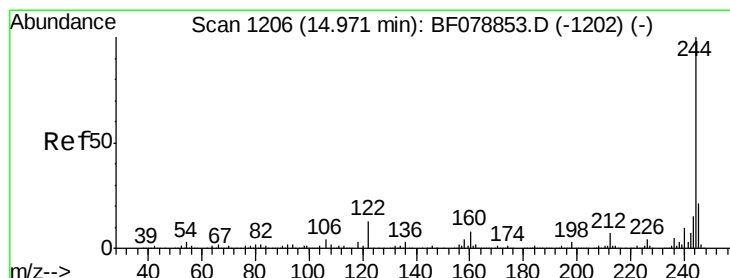
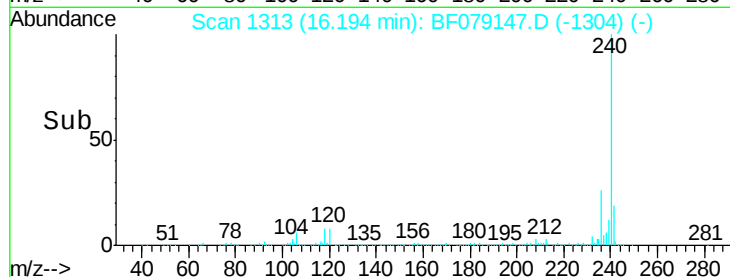
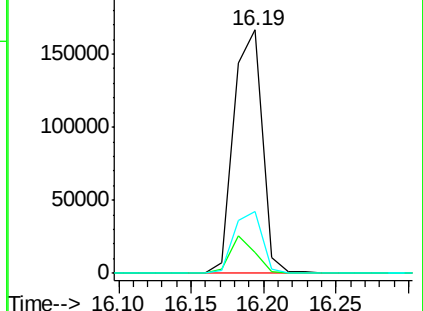
236 25.6 20.2 30.4



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: 73.86 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079147.D

Acq: 12 May 2015 8:04

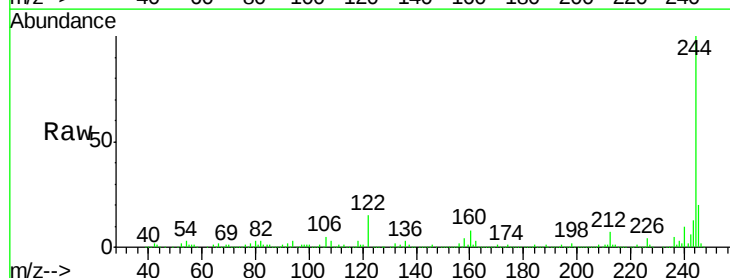
Tgt Ion:244 Resp: 700249

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

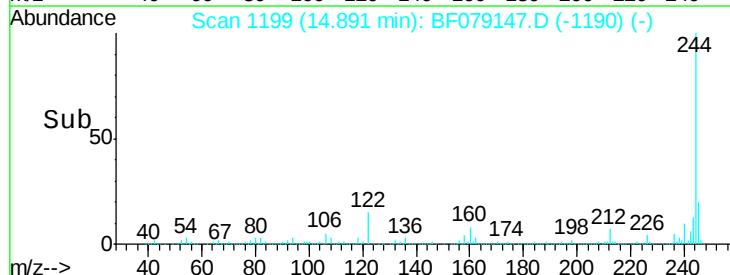
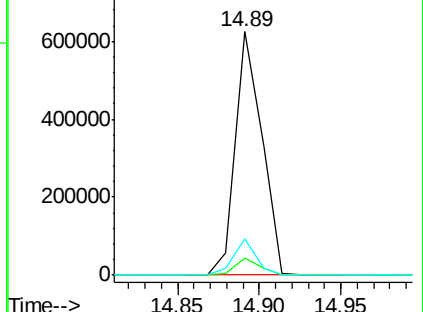
122 14.9 10.3 15.5

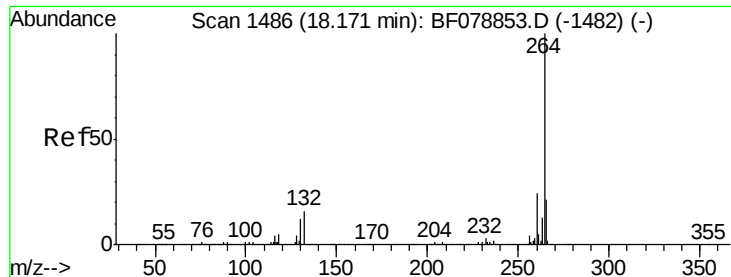


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.93 min Scan# 1465

Delta R.T. 0.05 min

Lab File: BF079147.D

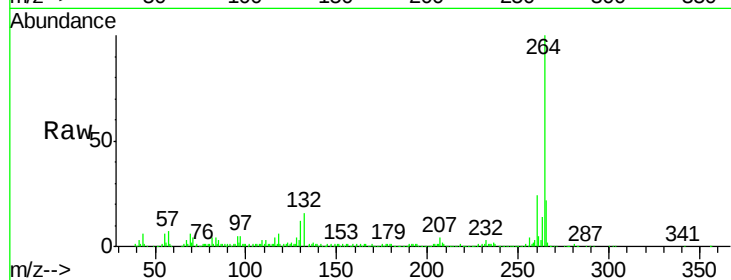
Acq: 12 May 2015 8:04

Instrument :

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PS-29(5-10)



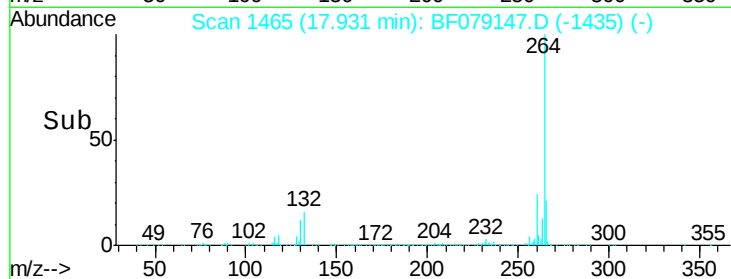
Tgt Ion: 264 Resp: 248400

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.7 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

