

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079217.D
 Acq On : 14 May 2015 2:28
 Operator : TP/IZ
 Sample : G2175-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-30A(0-3)

Quant Time: May 14 04:48:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

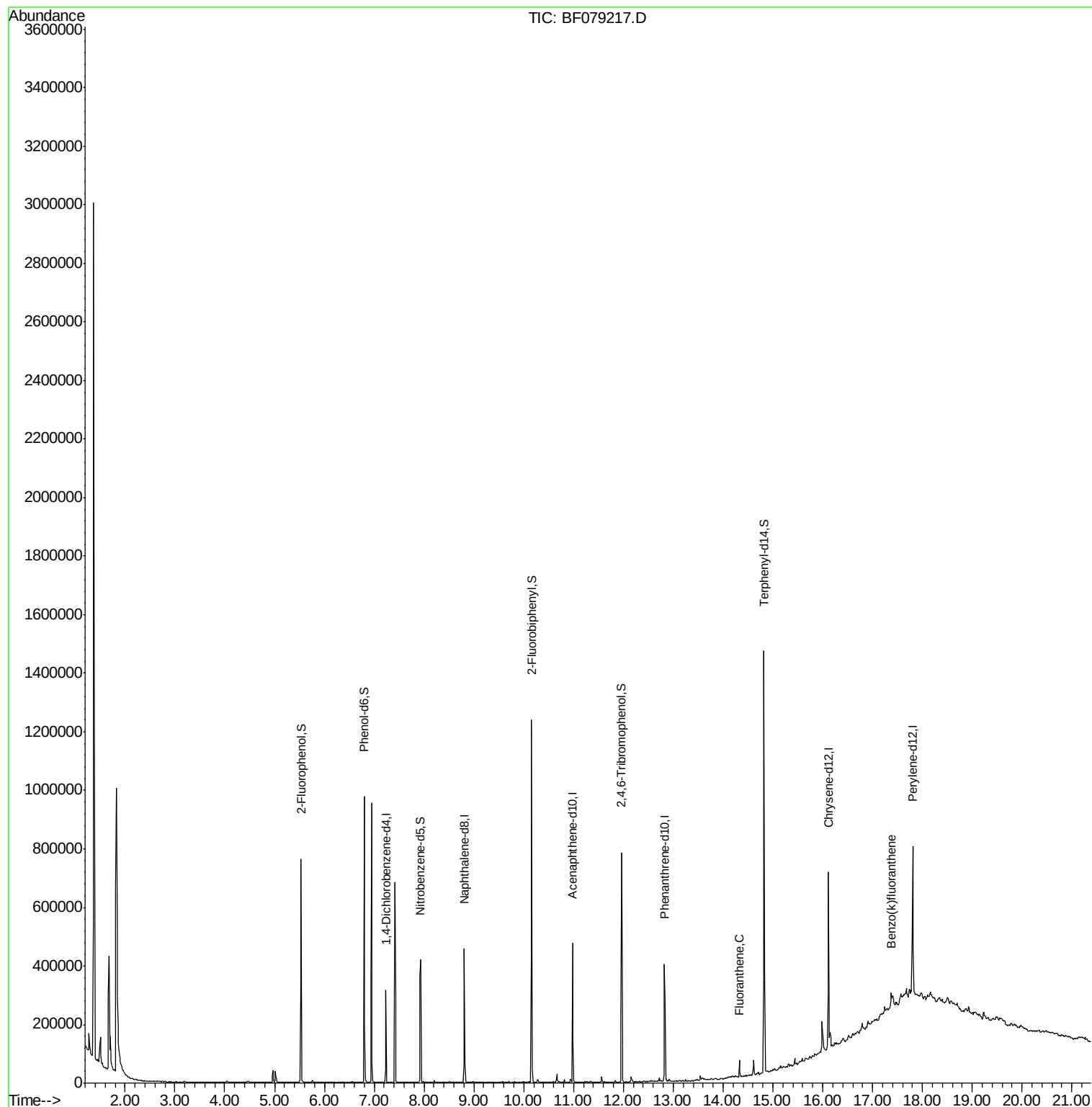
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	47966	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	200982	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	100750	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	197628	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	221151	20.00	ng	-0.05
86) Perylene-d12	17.81	264	228843	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	255290	91.62	ng	0.00
7) Phenol-d6	6.80	99	334575	90.84	ng	0.00
23) Nitrobenzene-d5	7.93	82	192025	54.91	ng	0.00
41) 2,4,6-Tribromophenol	11.96	330	102086	93.66	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	421518	58.29	ng	0.00
78) Terphenyl-d14	14.82	244	506321	54.81	ng	0.00
Target Compounds						
74) Fluoranthene	14.33	202	25193	2.19	ng	Qvalue 99
88) Benzo(k)fluoranthene	17.37	252	27520	2.27	ng	# 84

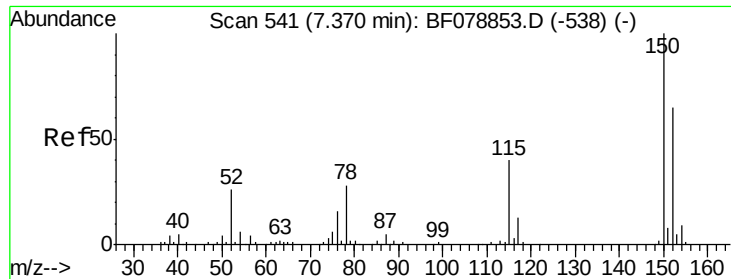
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079217.D
Acq On : 14 May 2015 2:28
Operator : TP/IZ
Sample : G2175-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-30A(0-3)

Quant Time: May 14 04:48:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 00:58:22 2015
Response via : Initial Calibration

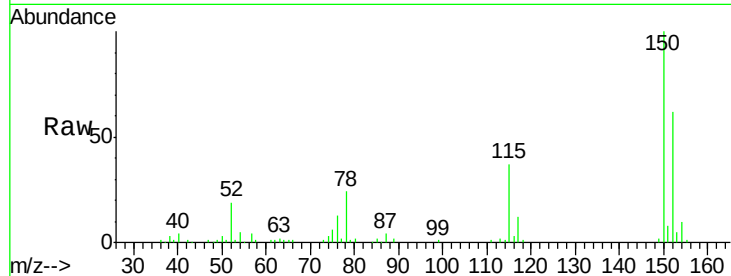




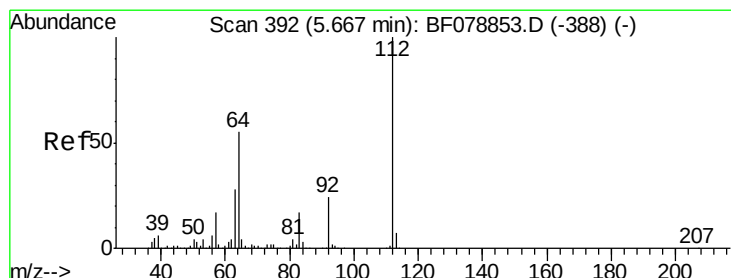
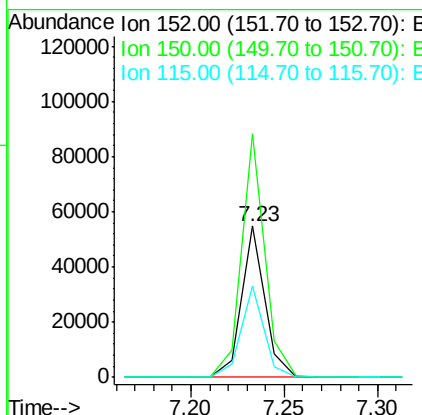
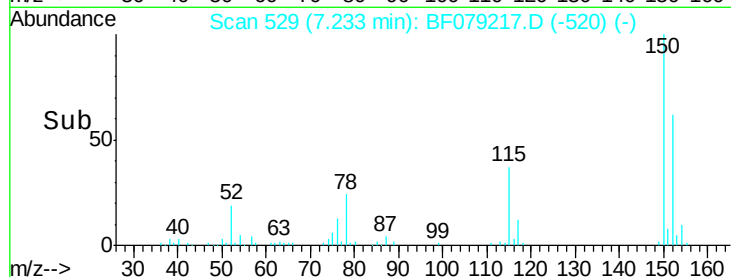
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079217.D
 Acq: 14 May 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PS-30A(0-3)

Tgt Ion:152 Resp: 47966
 Ion Ratio Lower Upper
 152 100
 150 160.8 122.0 183.0
 115 60.3 46.3 69.5

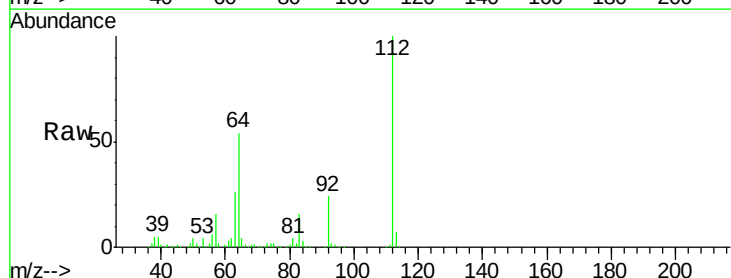


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

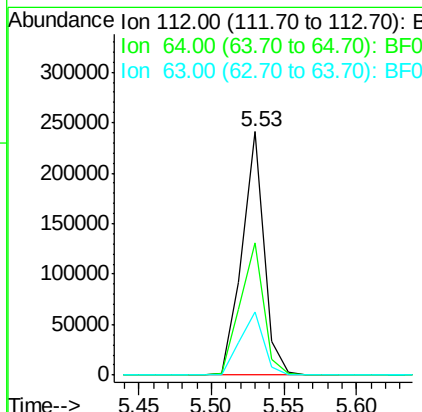
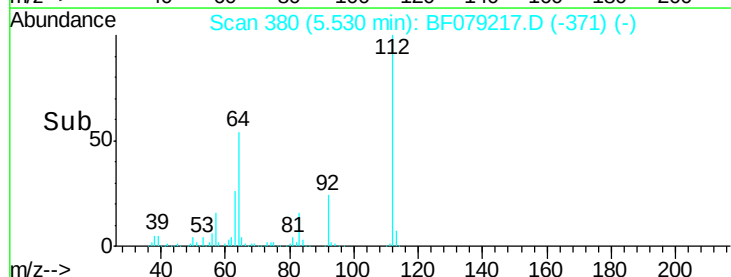


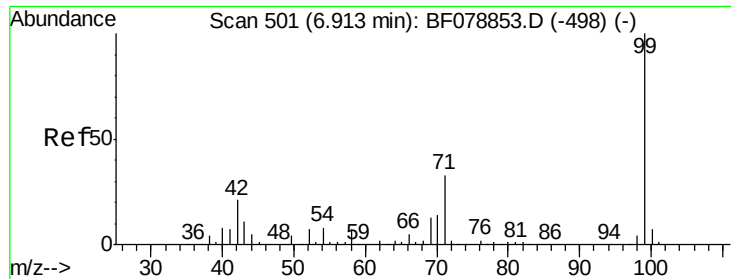
#5
 2-Fluorophenol
 Concen: 91.62 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079217.D
 Acq: 14 May 2015 2:28

Tgt Ion:112 Resp: 255290
 Ion Ratio Lower Upper
 112 100
 64 54.2 53.5 80.3
 63 25.8 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: 90.84 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079217.D

Acq: 14 May 2015 2:28

Instrument :

BNA_F

ClientSampleId :

PS-30A(0-3)

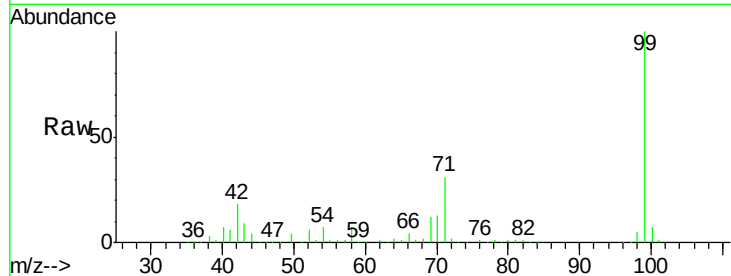
Tgt Ion: 99 Resp: 334575

Ion Ratio Lower Upper

99 100

42 17.6 12.8 19.2

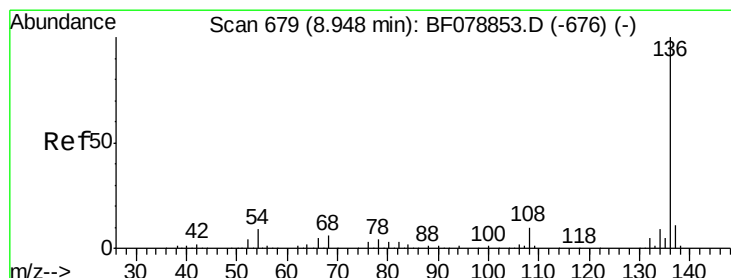
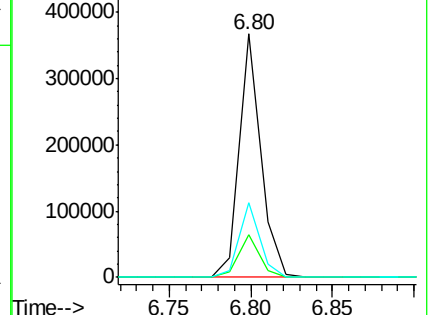
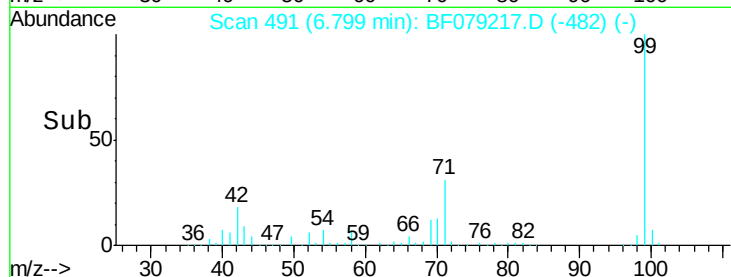
71 30.6 23.4 35.2



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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079217.D

Acq: 14 May 2015 2:28

Tgt Ion: 136 Resp: 200982

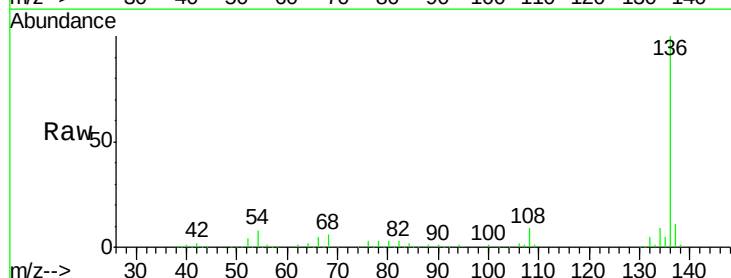
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.8 5.8 8.8

68 6.0 4.2 6.4

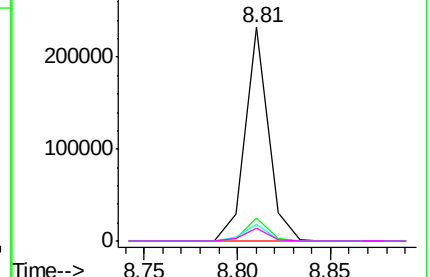
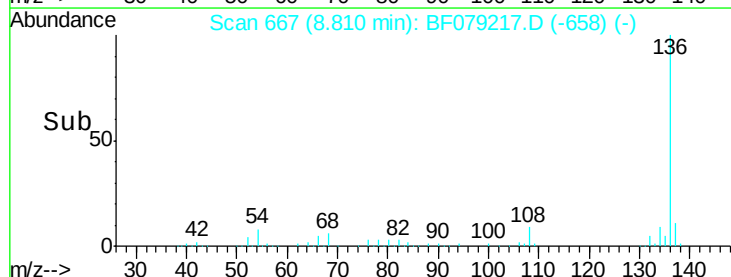


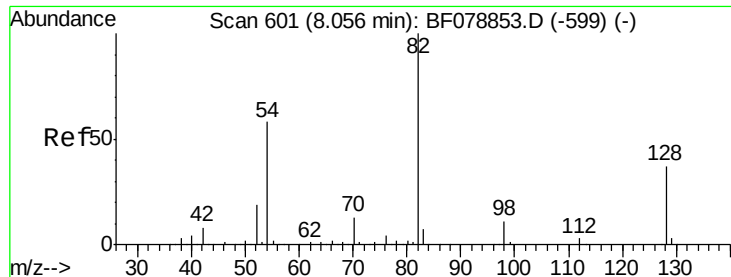
Abundance Ion 136.00 (135.70 to 136.70): E

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

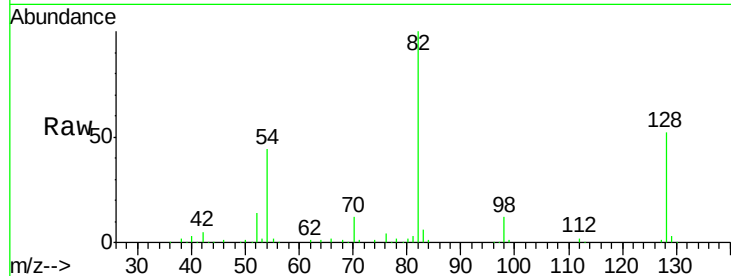




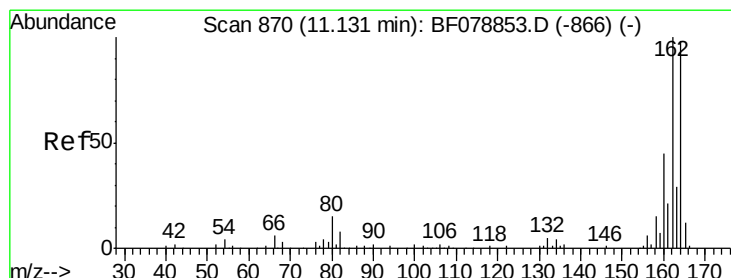
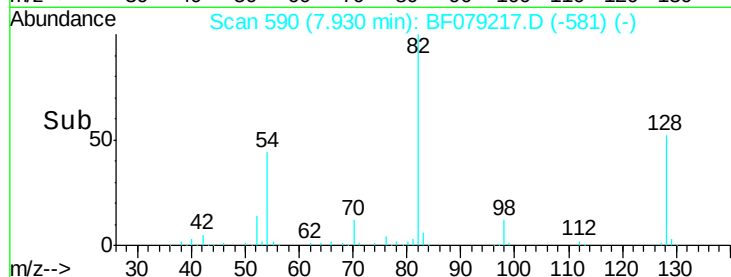
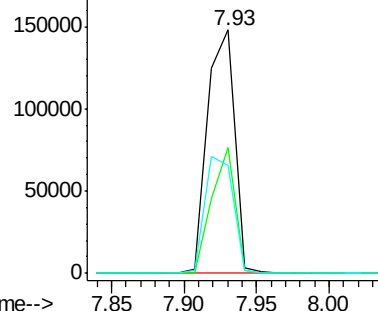
#23
 Nitrobenzene-d5
 Concen: 54.91 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079217.D
 Acq: 14 May 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PS-30A(0-3)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	30.0	45.0#
54	44.2	46.4	69.6#

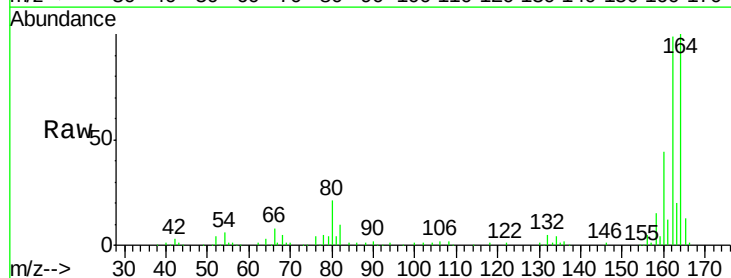


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

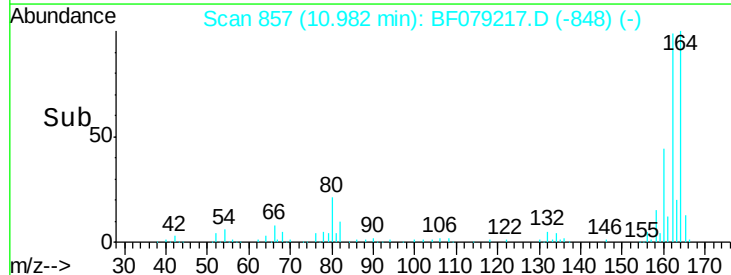
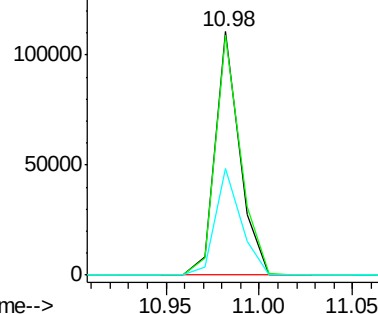


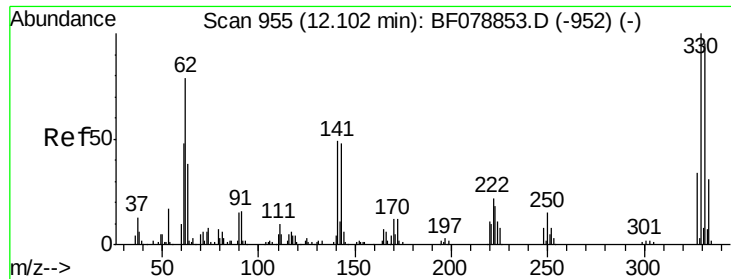
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079217.D
 Acq: 14 May 2015 2:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	82.7	124.1
160	43.9	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

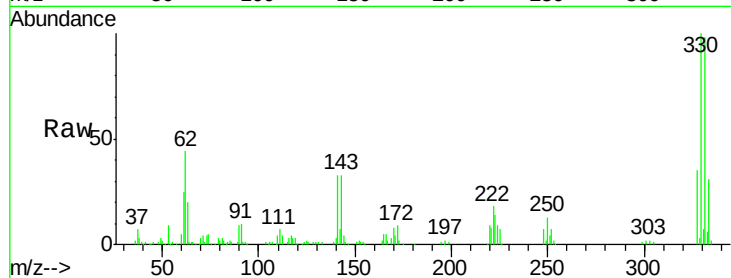




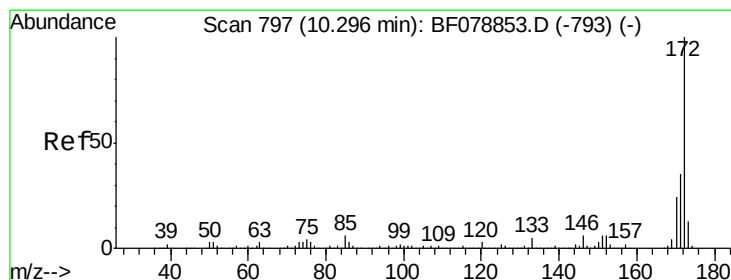
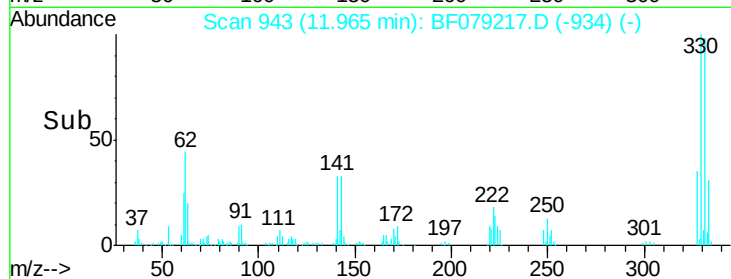
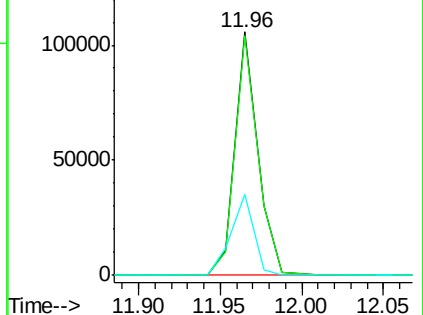
#41
 2,4,6-Tribromophenol
 Concen: 93.66 ng
 RT: 11.96 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079217.D
 Acq: 14 May 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PS-30A(0-3)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	33.4	0.0	0.0#

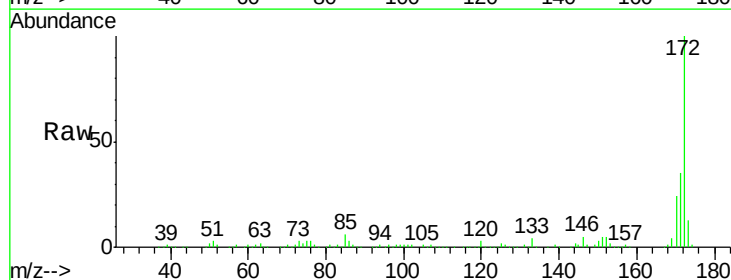


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

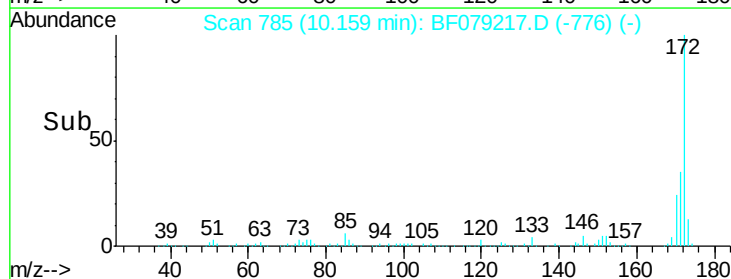
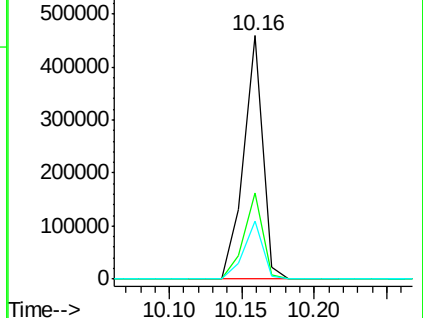


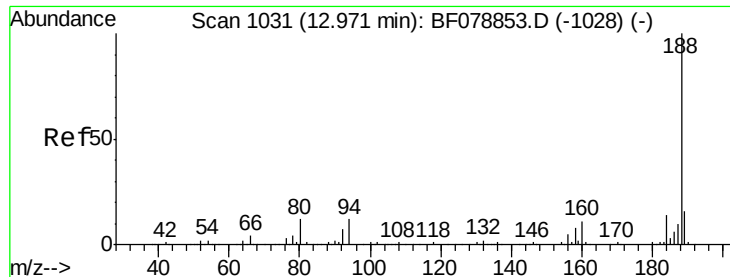
#44
 2-Fluorobiphenyl
 Concen: 58.29 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079217.D
 Acq: 14 May 2015 2:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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

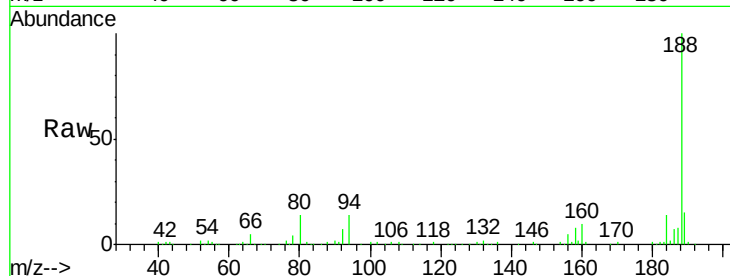




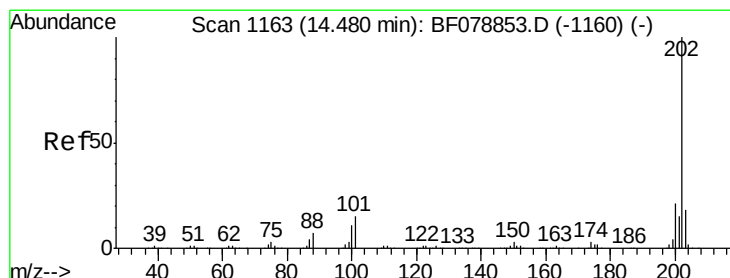
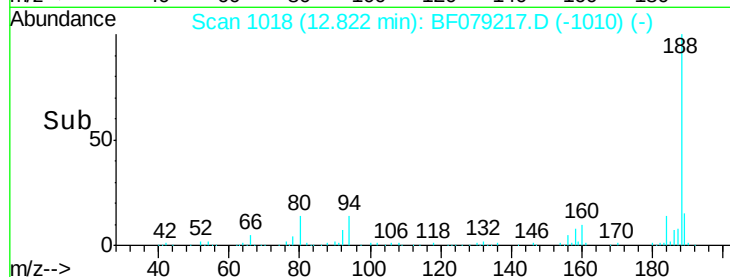
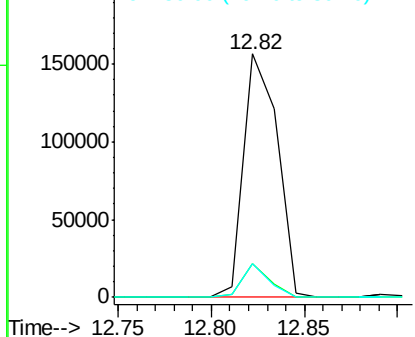
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.82 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF079217.D
 Acq: 14 May 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PS-30A(0-3)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.7	8.2	12.2#
80	14.0	8.9	13.3#

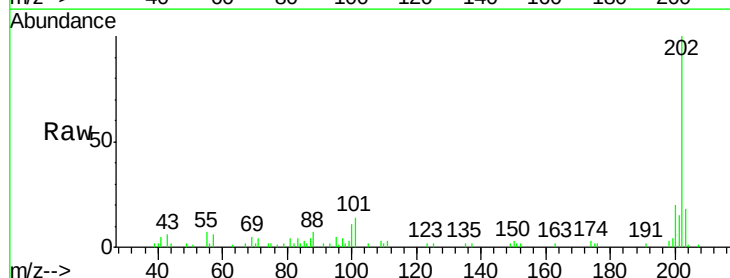


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

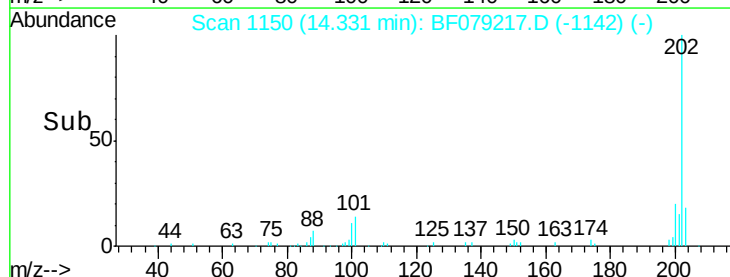
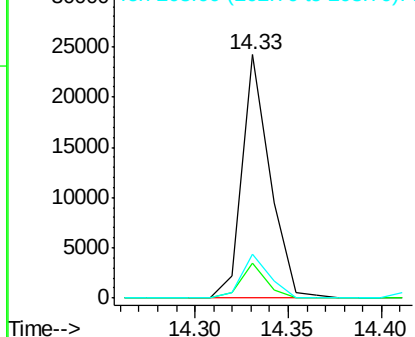


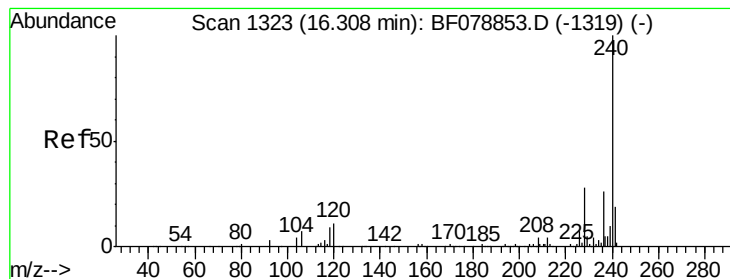
#74
 Fluoranthene
 Concen: 2.19 ng
 RT: 14.33 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF079217.D
 Acq: 14 May 2015 2:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.6
203	18.1	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

Chrysene-d12

Concen: 20.00 ng

RT: 16.11 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF079217.D

Acq: 14 May 2015 2:28

Instrument :

BNA_F

ClientSampleId :

PS-30A(0-3)

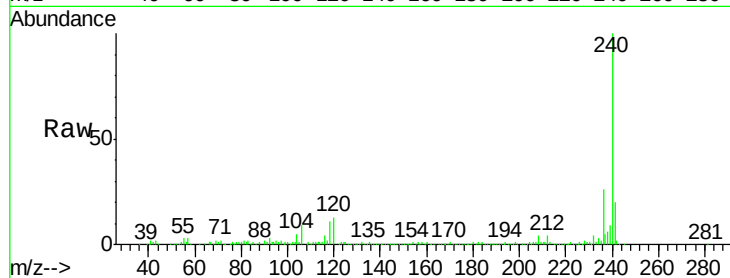
Tgt Ion:240 Resp: 221151

Ion Ratio Lower Upper

240 100

120 13.3 9.7 14.5

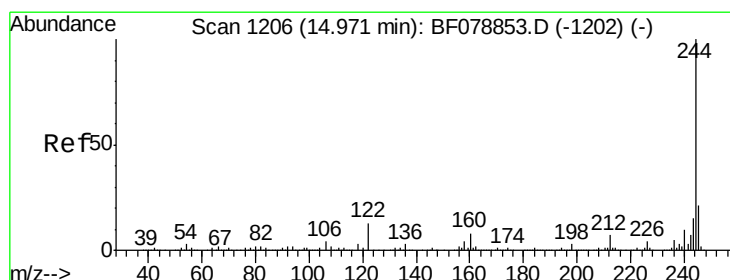
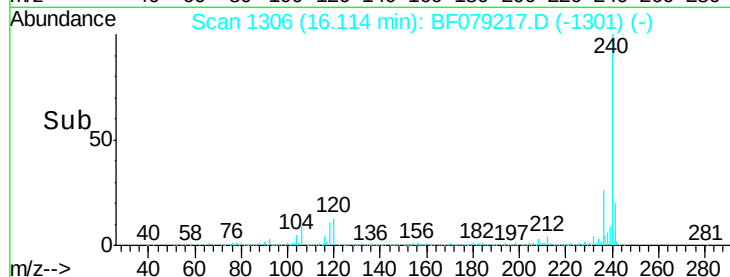
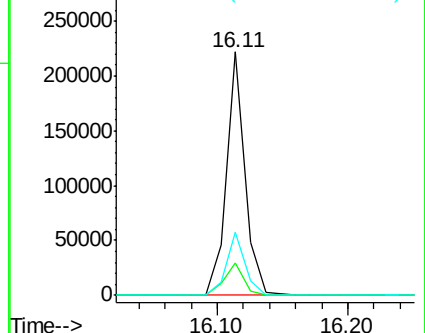
236 25.7 20.2 30.4



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: 54.81 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079217.D

Acq: 14 May 2015 2:28

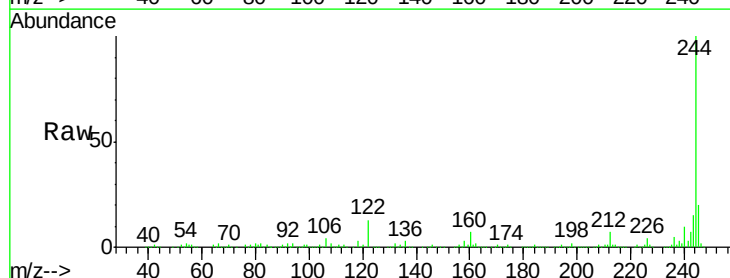
Tgt Ion:244 Resp: 506321

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

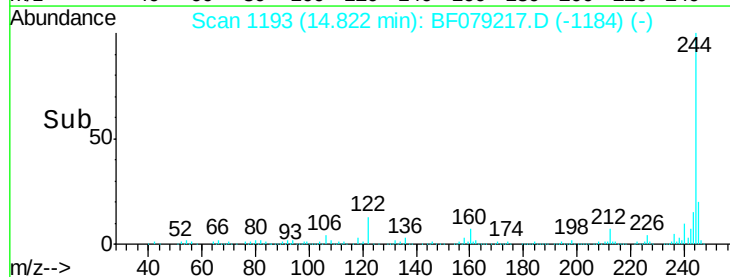
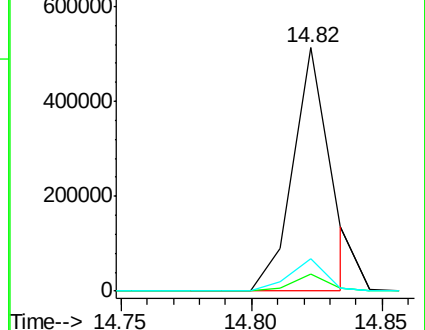
122 13.1 10.3 15.5

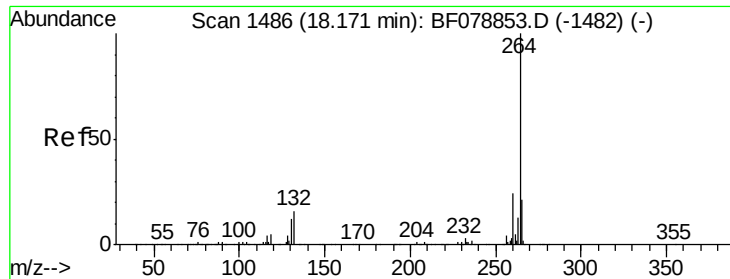


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



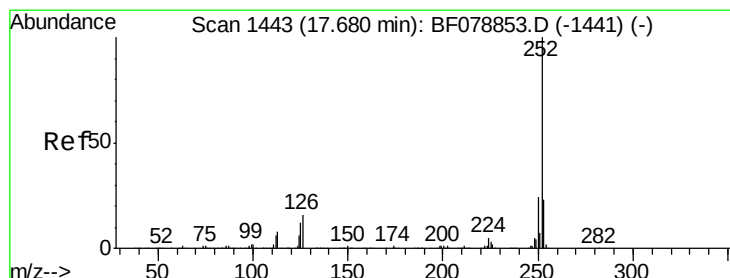
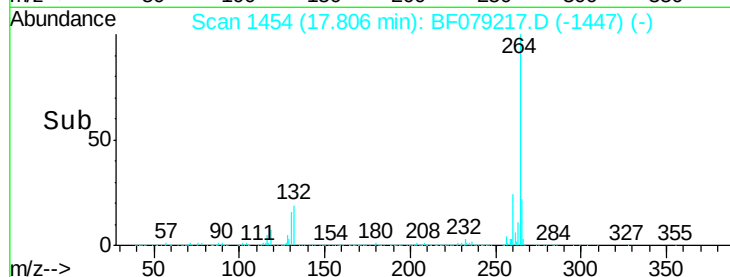
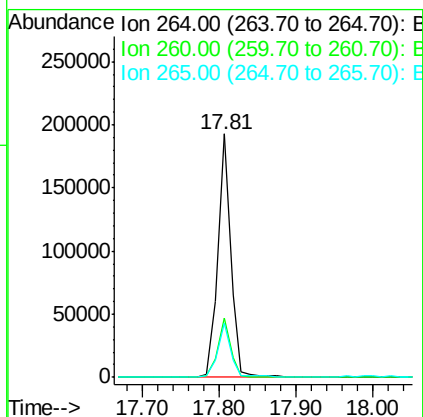
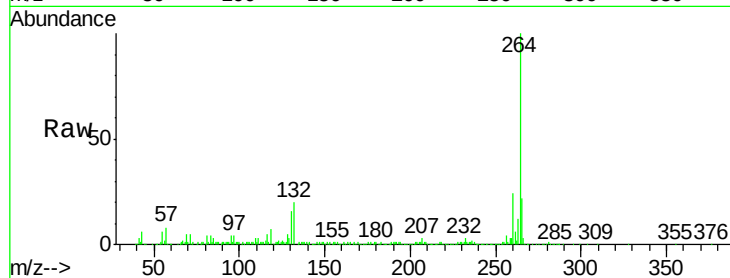


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.22 min
Lab File: BF079217.D
Acq: 14 May 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PS-30A(0-3)

Tgt Ion: 264 Resp: 228843

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.2	18.3	27.5



#88
Benzo(k)fluoranthene
Concen: 2.27 ng
RT: 17.37 min Scan# 1416
Delta R.T. -0.19 min
Lab File: BF079217.D
Acq: 14 May 2015 2:28

Tgt Ion: 252 Resp: 27520

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	30.0	10.0	15.0

