

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
 Data File : BF078089.D
 Acq On : 30 Mar 2015 18:50
 Operator : TP/IZ
 Sample : G1701-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-020

Quant Time: Mar 31 00:41:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 01:02:18 2015
 Response via : Initial Calibration

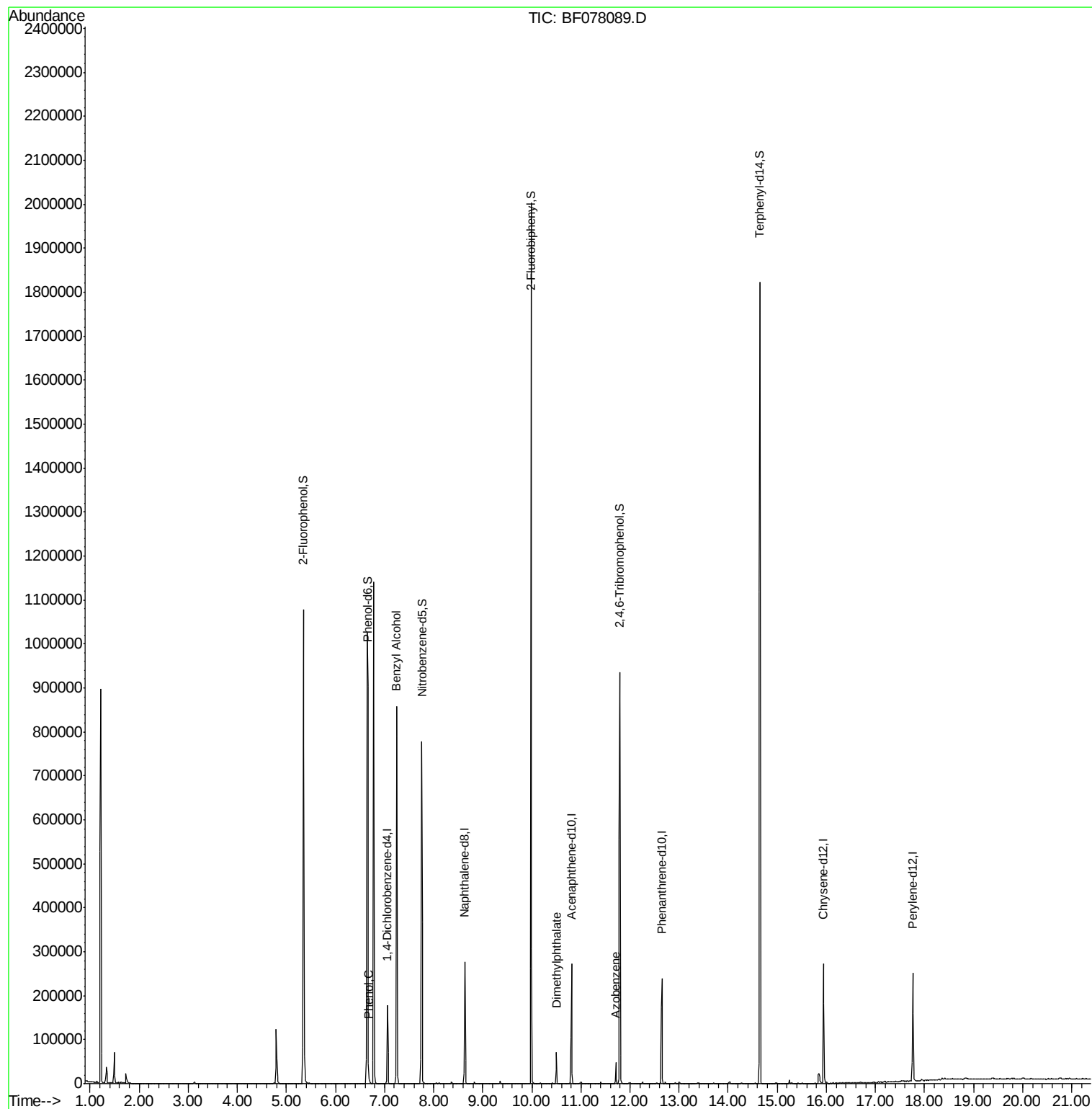
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	31118	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	127060	20.00	ng	0.00
38) Acenaphthene-d10	10.81	164	61959	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	123397	20.00	ng	0.00
75) Chrysene-d12	15.94	240	132643	20.00	ng	0.00
86) Perylene-d12	17.76	264	125552	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	427623	239.87	ng	0.00
7) Phenol-d6	6.66	99	543754	246.87	ng	0.01
23) Nitrobenzene-d5	7.76	82	293385	151.36	ng	0.00
41) 2,4,6-Tribromophenol	11.79	330	133523	225.24	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	622828	147.73	ng	0.00
78) Terphenyl-d14	14.65	244	755383	139.11	ng	0.00
Target Compounds						
10) Phenol	6.67	94	7003	2.69	ng	Qvalue 79
15) Benzyl Alcohol	7.24	79	5196	3.02	ng	# 56
49) Dimethylphthalate	10.50	163	37907	8.25	ng	98
62) Azobenzene	11.71	77	9262	2.16	ng	# 1

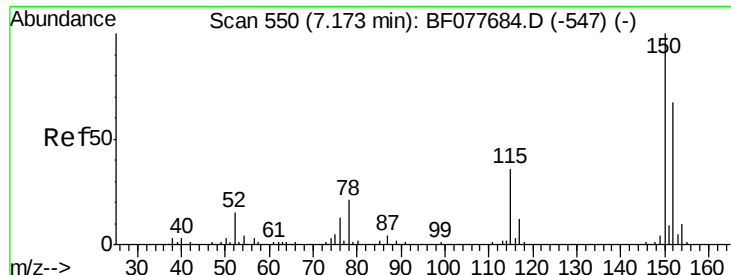
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 31 01:02:18 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Instrument :

BNA_F

ClientSampleId :

FS-020

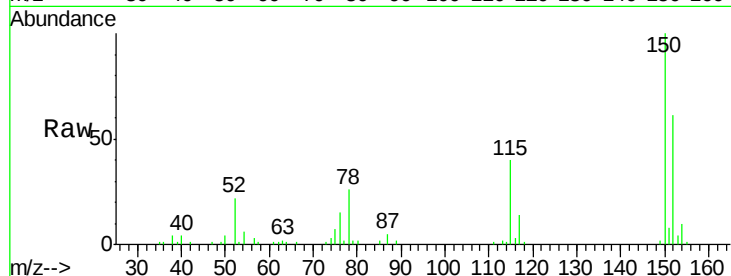
Tgt Ion:152 Resp: 31118

Ion Ratio Lower Upper

152 100

150 164.5 119.5 179.3

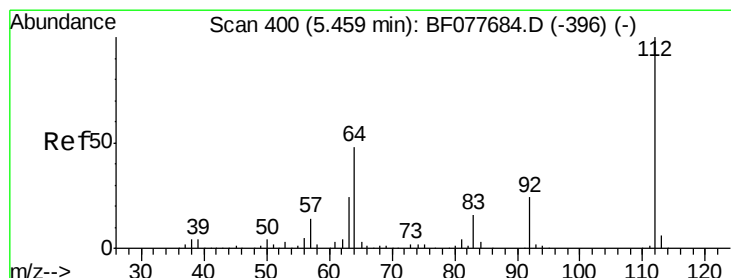
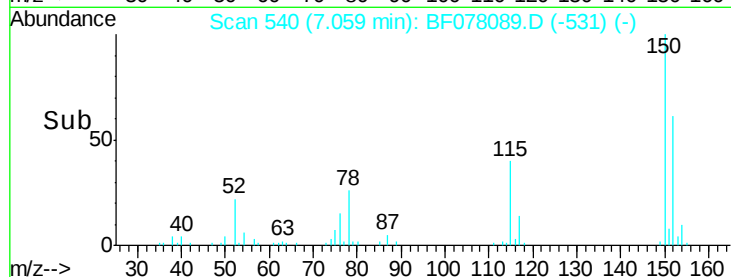
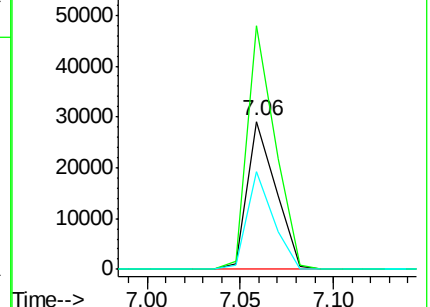
115 66.3 43.0 64.4#



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: 239.87 ng

RT: 5.34 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

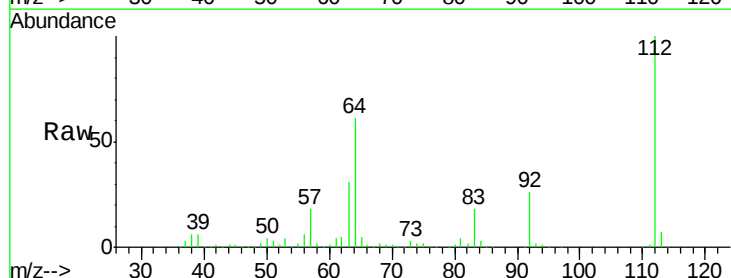
Tgt Ion:112 Resp: 427623

Ion Ratio Lower Upper

112 100

64 60.6 38.6 57.8#

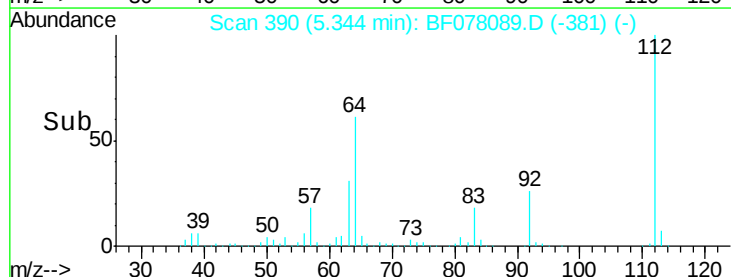
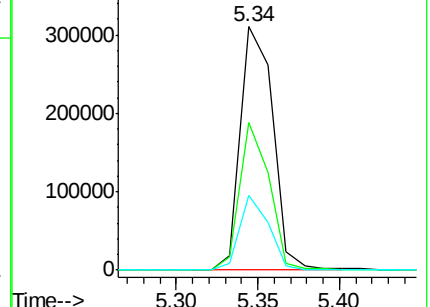
63 30.6 19.3 28.9#

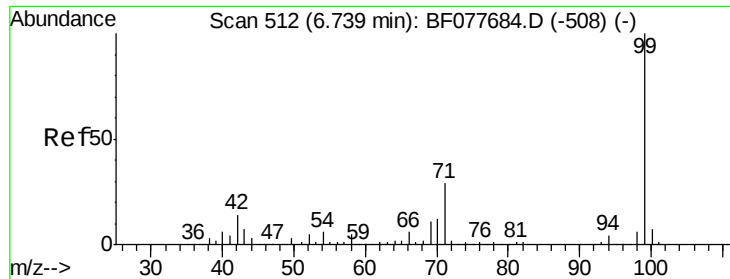


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 246.87 ng

RT: 6.66 min Scan# 505

Delta R.T. 0.01 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Instrument :

BNA_F

ClientSampled :

FS-020

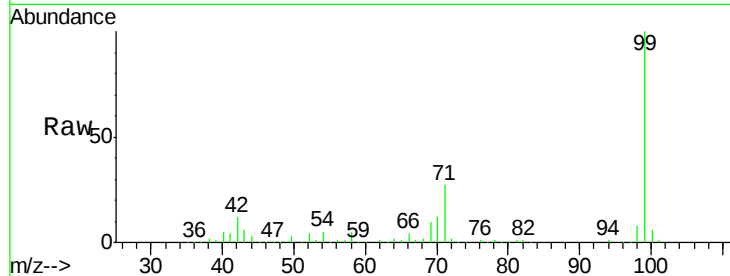
Tgt Ion: 99 Resp: 543754

Ion Ratio Lower Upper

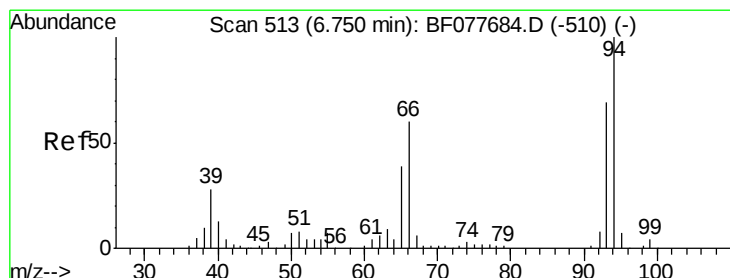
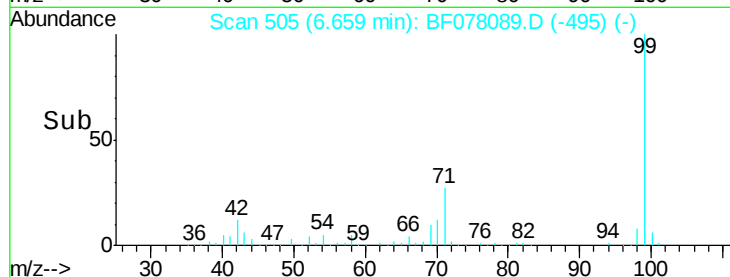
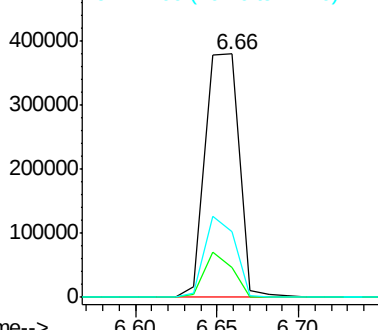
99 100

42 12.2 11.0 16.4

71 27.2 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



#10

Phenol

Concen: 2.69 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

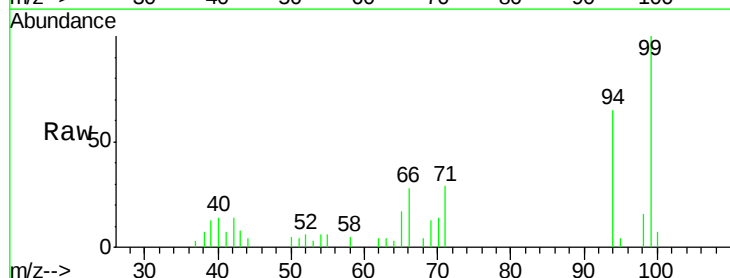
Tgt Ion: 94 Resp: 7003

Ion Ratio Lower Upper

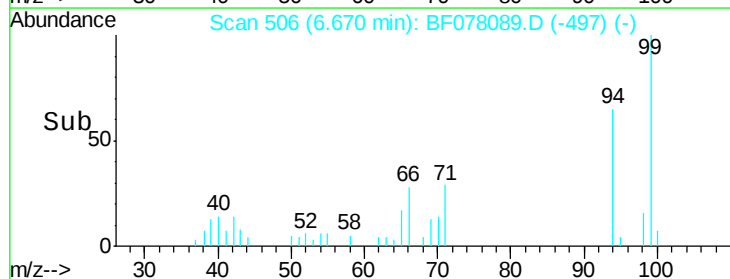
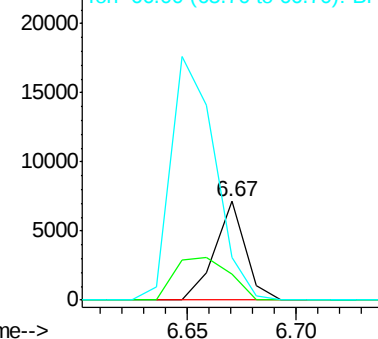
94 100

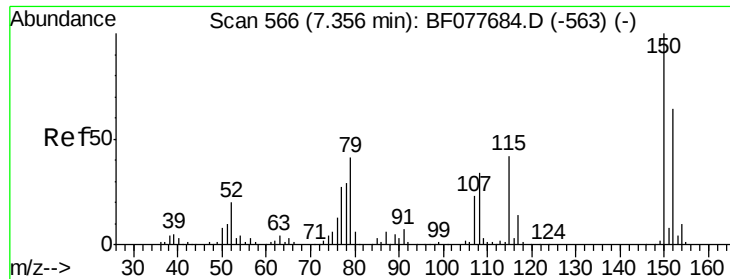
65 26.5 18.8 58.8

66 43.4 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 3.02 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Instrument :

BNA_F

ClientSampleId :

FS-020

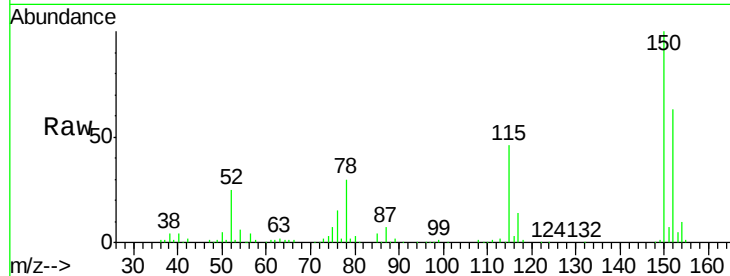
Tgt Ion: 79 Resp: 5196

Ion Ratio Lower Upper

79 100

108 25.7 65.0 97.4#

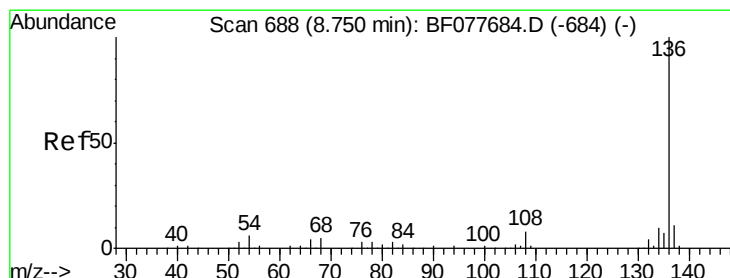
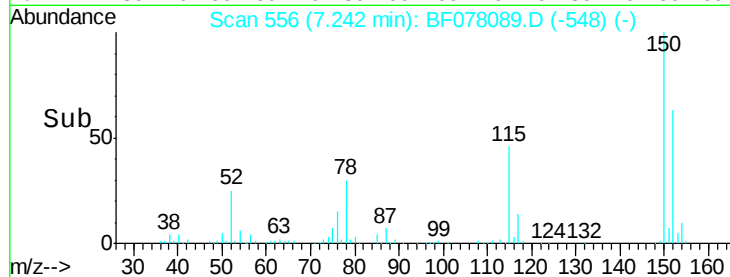
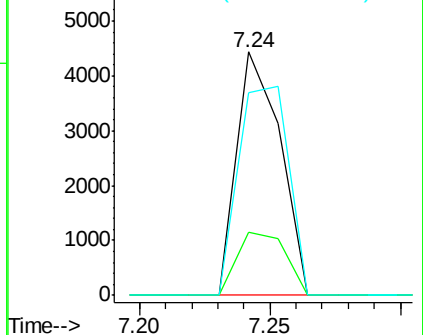
77 83.0 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078089.D

Acq: 30 Mar 2015 18:50

Tgt Ion: 136 Resp: 127060

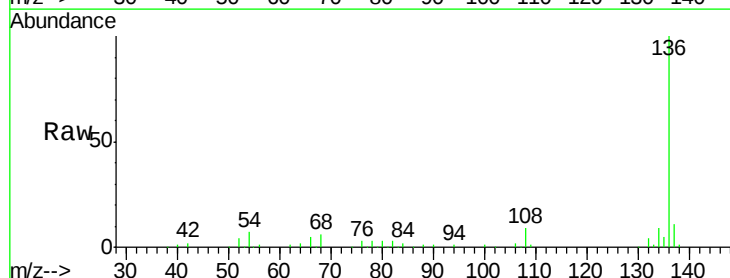
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.3 4.6 6.8#

68 5.6 3.7 5.5#

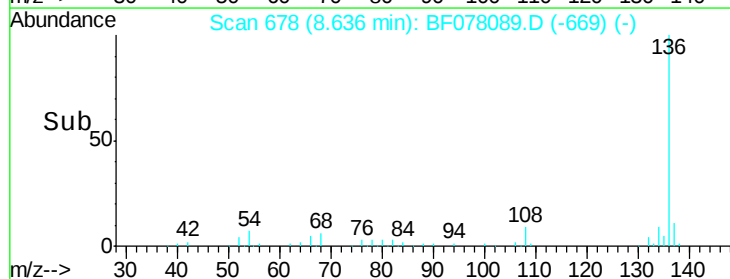
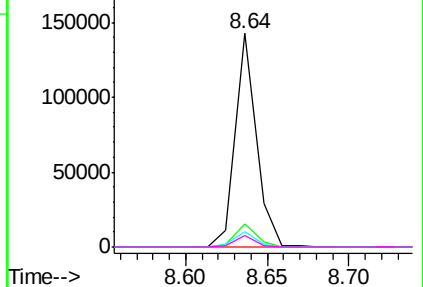


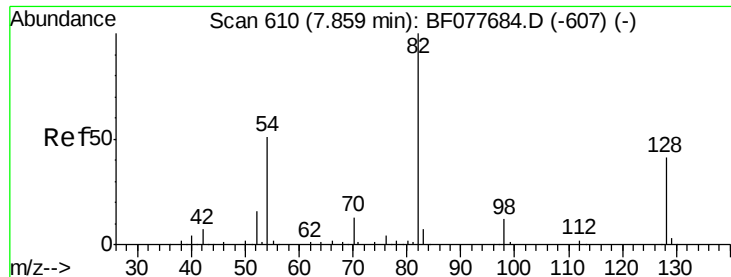
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

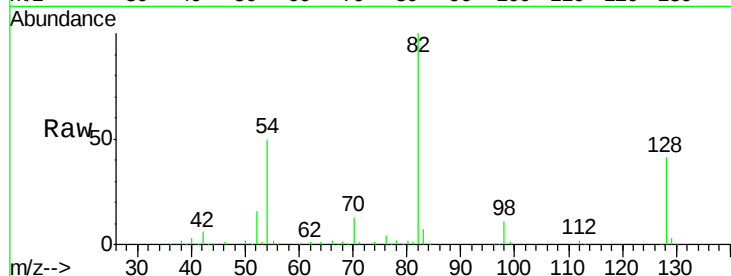




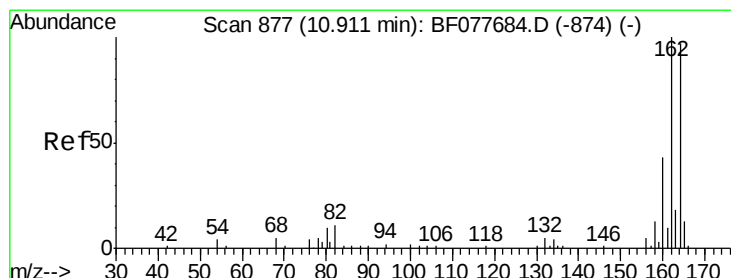
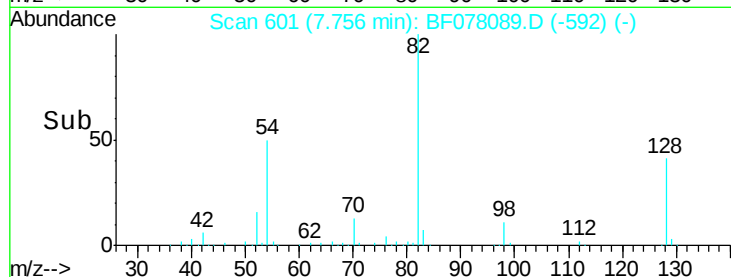
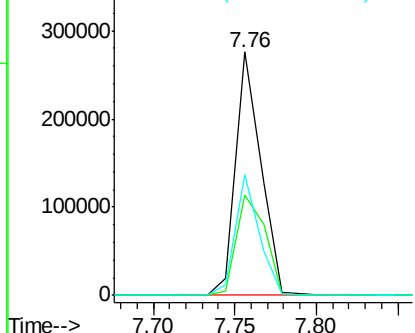
#23
 Nitrobenzene-d5
 Concen: 151.36 ng
 RT: 7.76 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078089.D
 Acq: 30 Mar 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FS-020

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.8	49.2
54	49.8	40.6	60.8

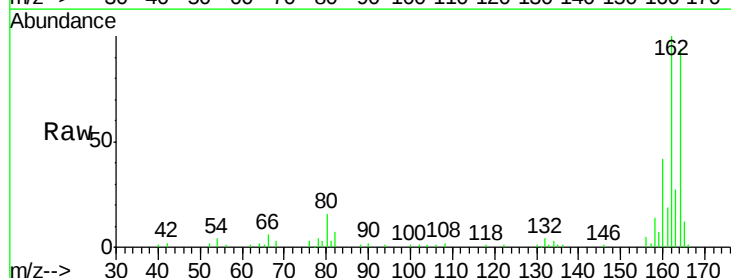


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

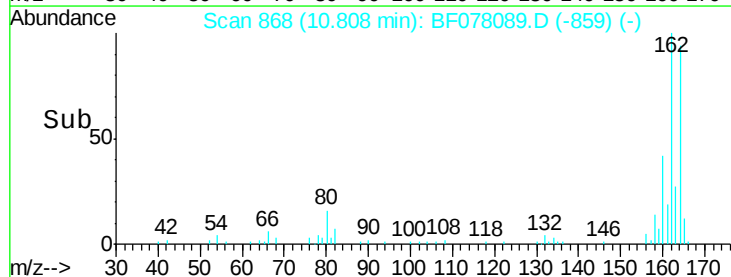
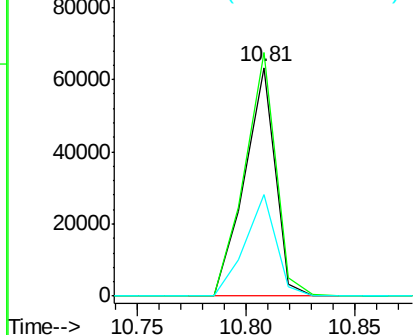


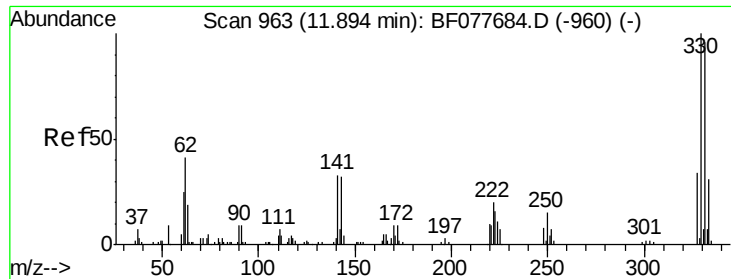
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.81 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078089.D
 Acq: 30 Mar 2015 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.4	123.6
160	44.3	35.8	53.6



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

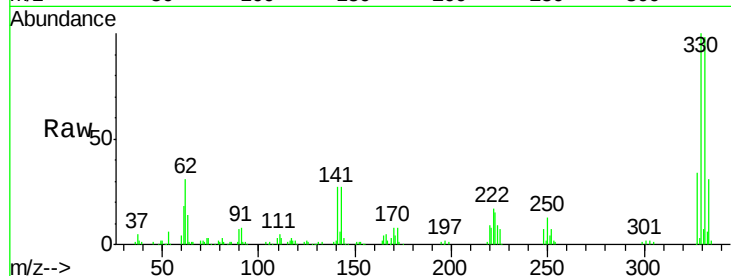




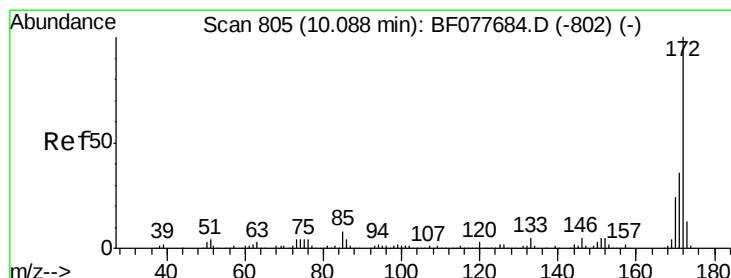
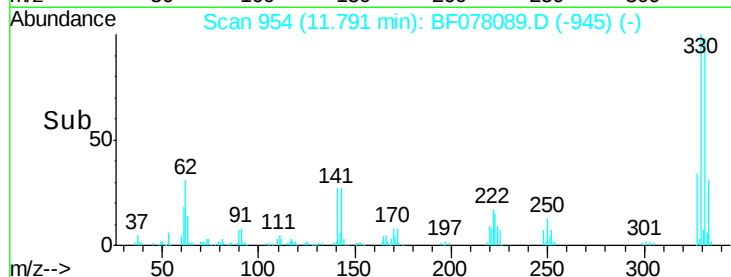
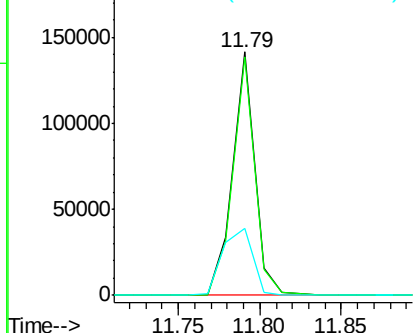
#41
 2,4,6-Tribromophenol
 Concen: 225.24 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078089.D
 Acq: 30 Mar 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FS-020

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	37.5	0.0	0.0#

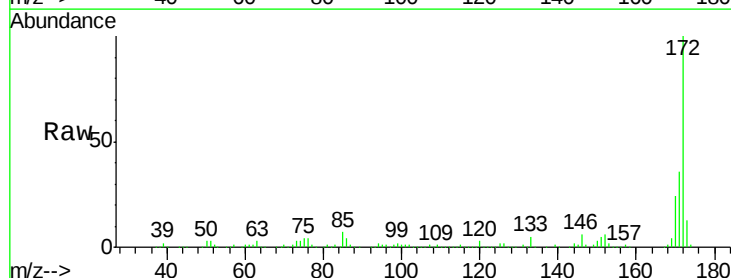


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

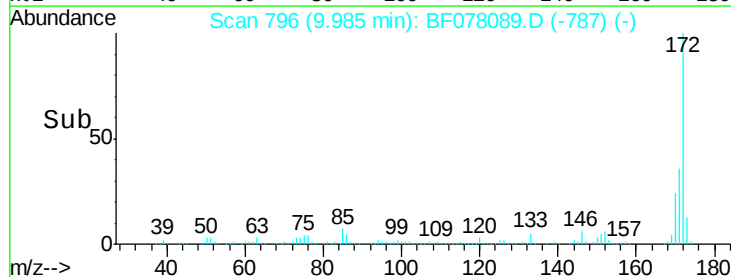
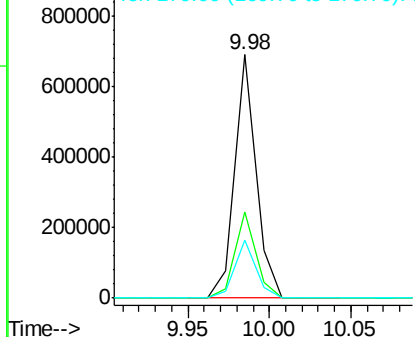


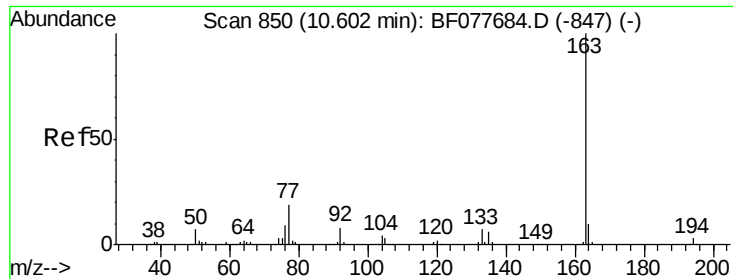
#44
 2-Fluorobiphenyl
 Concen: 147.73 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078089.D
 Acq: 30 Mar 2015 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.9	18.8	28.2



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

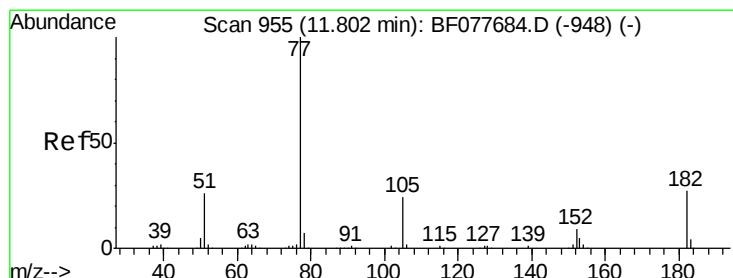
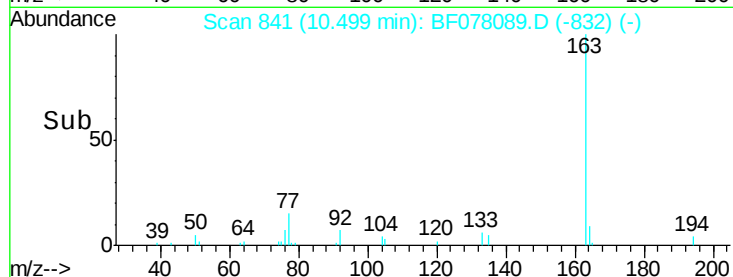
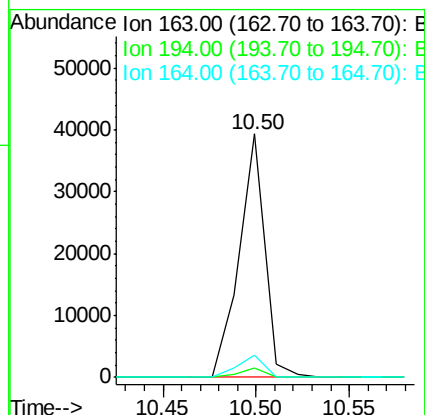
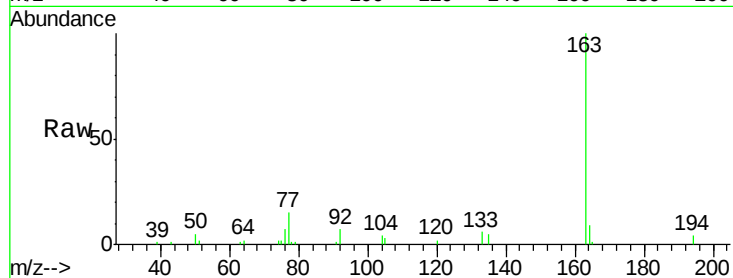




#49
Dimethylphthalate
Concen: 8.25 ng
RT: 10.50 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078089.D
Acq: 30 Mar 2015 18:50

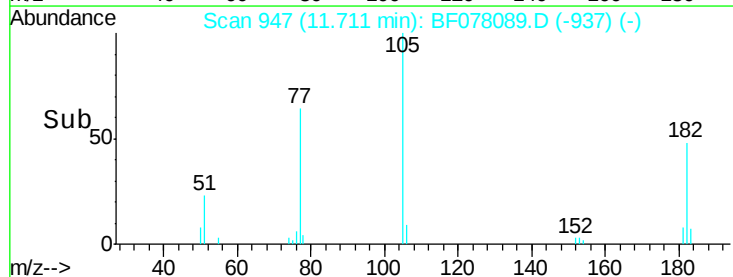
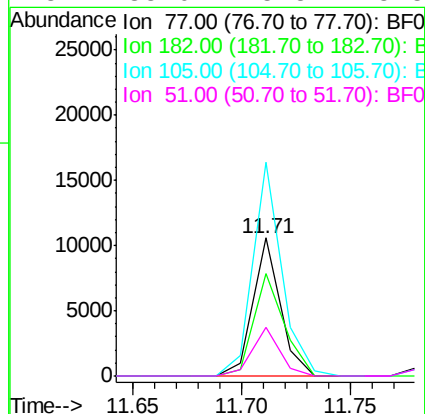
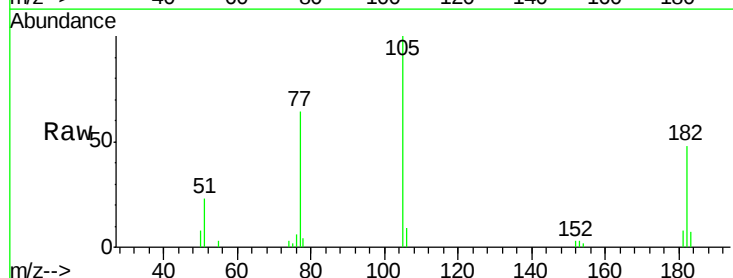
Instrument :
BNA_F
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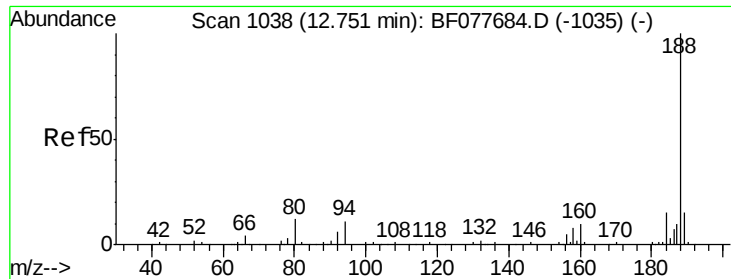
Tgt Ion: 163 Resp: 37907
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.2 8.2 12.2



#62
Azobenzene
Concen: 2.16 ng
RT: 11.71 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF078089.D
Acq: 30 Mar 2015 18:50

Tgt Ion: 77 Resp: 9262
Ion Ratio Lower Upper
77 100
182 74.8 6.5 46.5#
105 155.0 3.8 43.8#
51 35.0 5.5 45.5

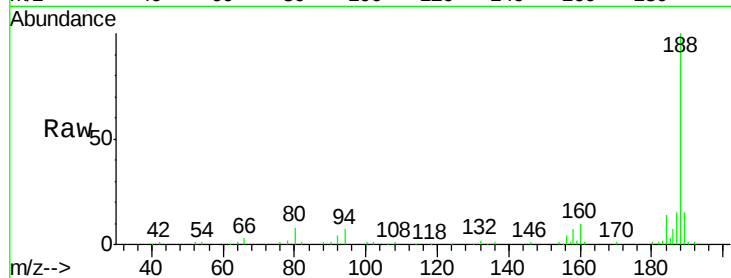




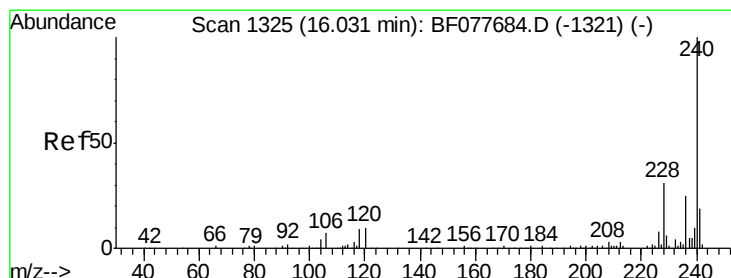
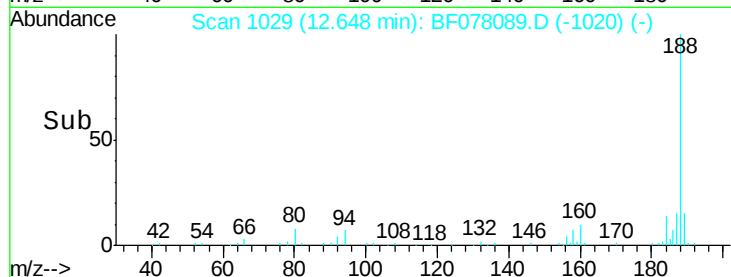
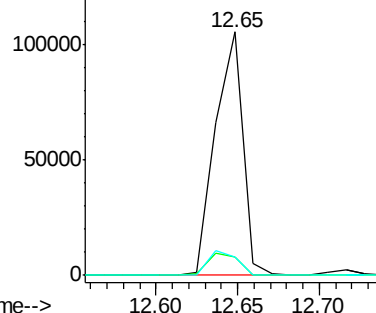
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078089.D
Acq: 30 Mar 2015 18:50

Instrument :
BNA_F
ClientSampled :
FS-020

Tgt Ion:188 Resp: 123397
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 7.5 9.3 13.9#

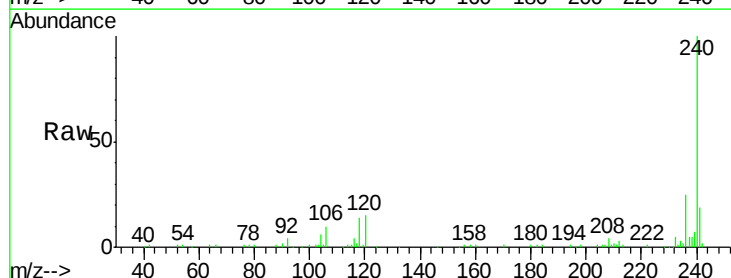


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

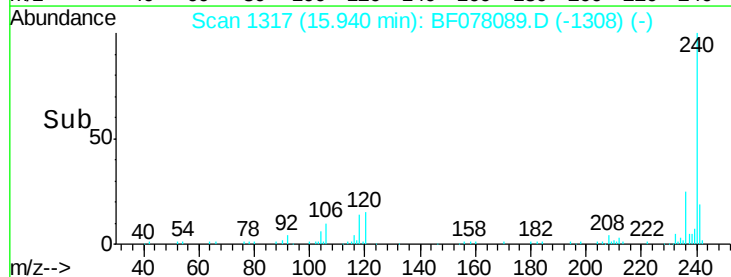
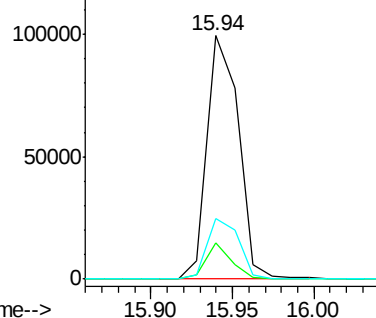


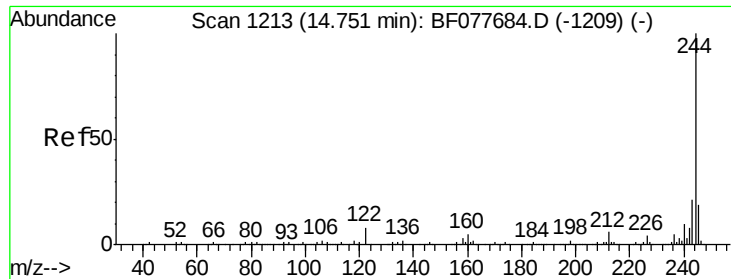
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF078089.D
Acq: 30 Mar 2015 18:50

Tgt Ion:240 Resp: 132643
Ion Ratio Lower Upper
240 100
120 15.1 8.2 12.2#
236 25.0 20.0 30.0



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

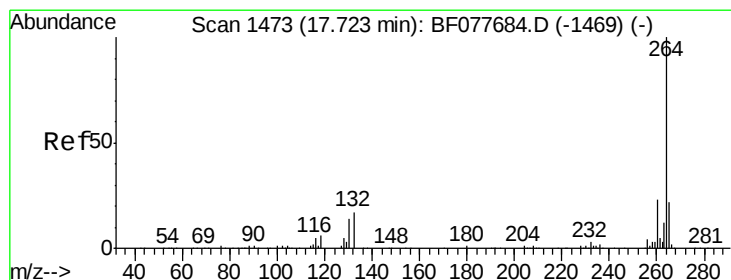
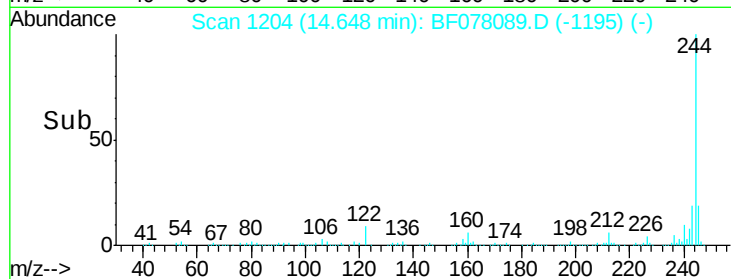
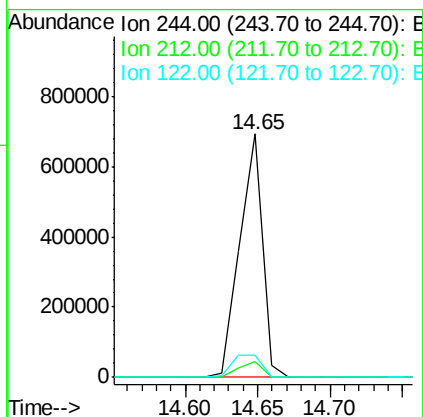
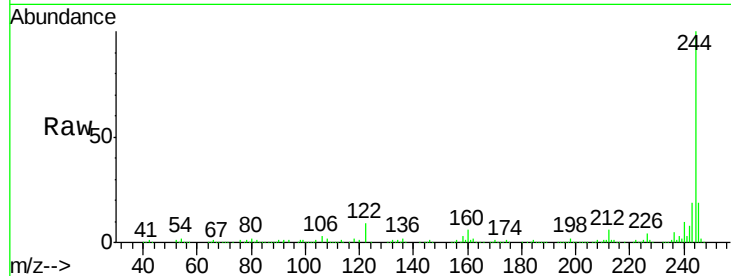




#78
 Terphenyl-d14
 Concen: 139.11 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078089.D
 Acq: 30 Mar 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FS-020

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.9	7.3
122	9.1	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.06 min
 Lab File: BF078089.D
 Acq: 30 Mar 2015 18:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.0	17.3	25.9

