

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078074.D
 Acq On : 28 Mar 2015 11:14
 Operator : TP/IZ
 Sample : G1677-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.5-8)

Quant Time: Mar 30 00:17:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

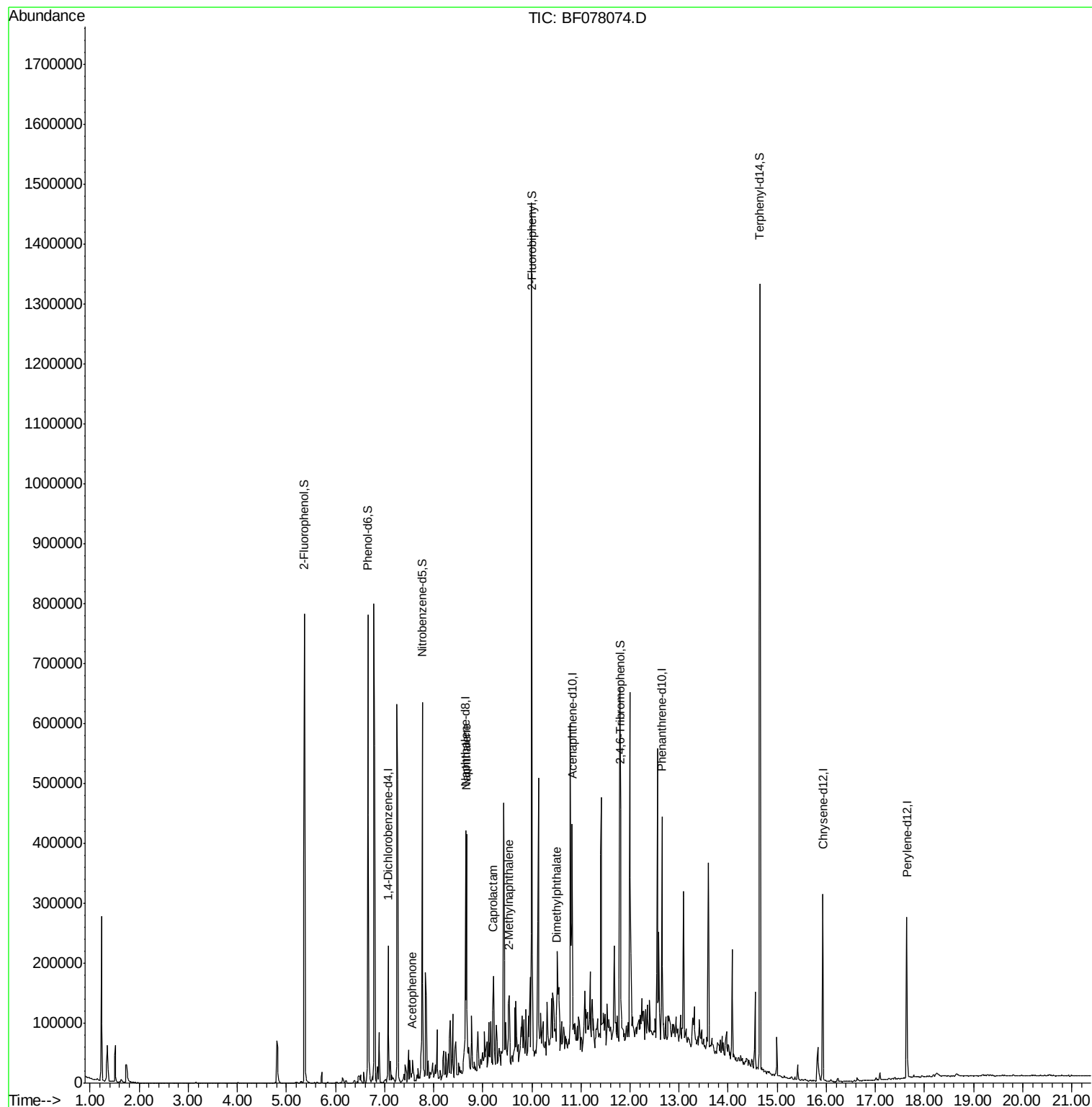
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37426	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	150509	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	74116	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	146420	20.00	ng	0.00
75) Chrysene-d12	15.93	240	166153	20.00	ng	0.00
86) Perylene-d12	17.64	264	158860	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	276545	128.98	ng	0.00
7) Phenol-d6	6.66	99	344206	129.93	ng	-0.01
23) Nitrobenzene-d5	7.77	82	203417	88.59	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	81843	115.41	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	438489	86.95	ng	0.00
78) Terphenyl-d14	14.65	244	526671	77.43	ng	0.00
Target Compounds						
22) Acetophenone	7.56	105	7690	2.31	ng	# 58
31) Naphthalene	8.67	128	17304	2.24	ng	# 82
35) Caprolactam	9.22	113	3323	5.41	ng	# 57
37) 2-Methylnaphthalene	9.54	142	34922	6.72	ng	98
49) Dimethylphthalate	10.51	163	12167	2.21	ng	# 99

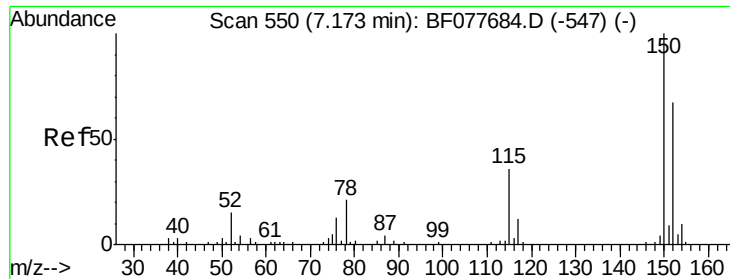
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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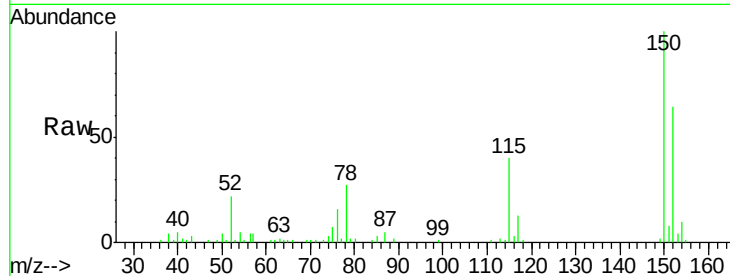




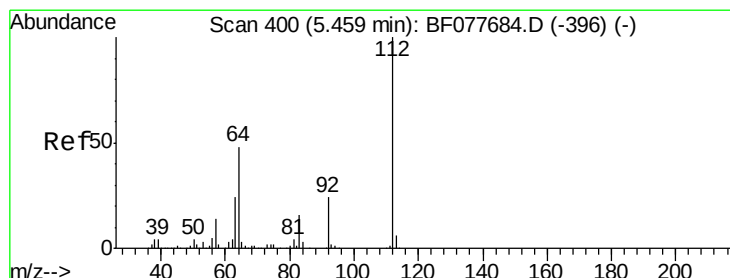
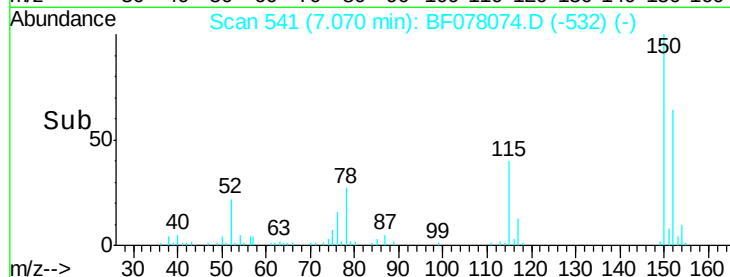
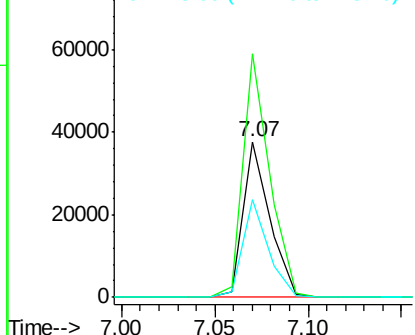
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF078074.D
 Acq: 28 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.5-8)

Tgt Ion:152 Resp: 37426
 Ion Ratio Lower Upper
 152 100
 150 156.6 119.5 179.3
 115 62.5 43.0 64.4

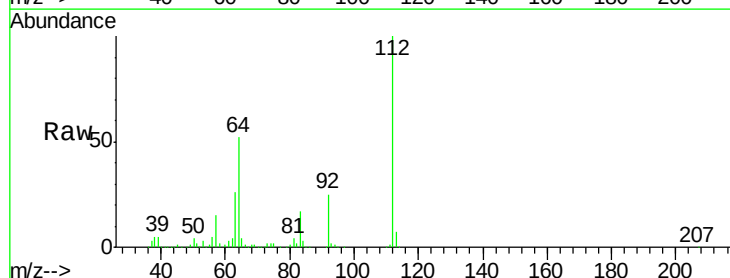


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

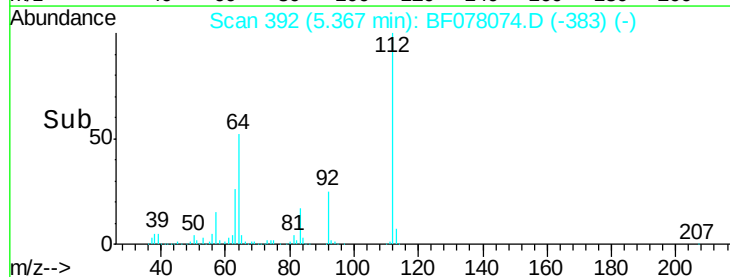
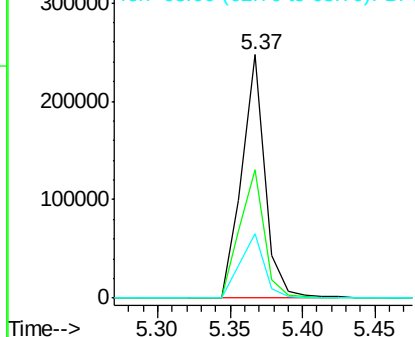


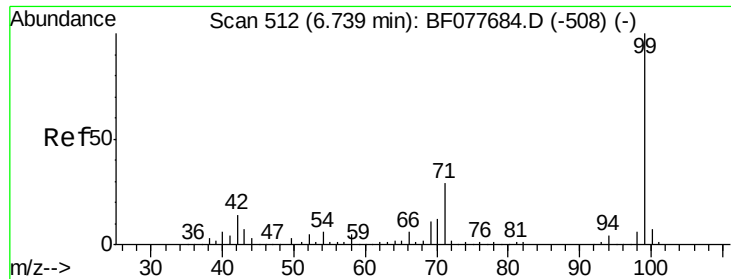
#5
 2-Fluorophenol
 Concen: 128.98 ng
 RT: 5.37 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BF078074.D
 Acq: 28 Mar 2015 11:14

Tgt Ion:112 Resp: 276545
 Ion Ratio Lower Upper
 112 100
 64 52.5 38.6 57.8
 63 26.2 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: 129.93 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078074.D

Acq: 28 Mar 2015 11:14

Instrument :

BNA_F

ClientSampleId :

PE-4(7.5-8)

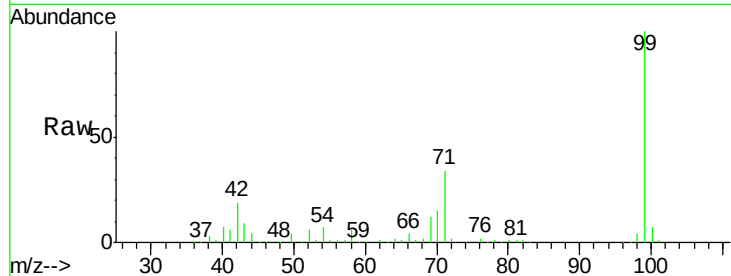
Tgt Ion: 99 Resp: 344206

Ion Ratio Lower Upper

99 100

42 18.8 11.0 16.4#

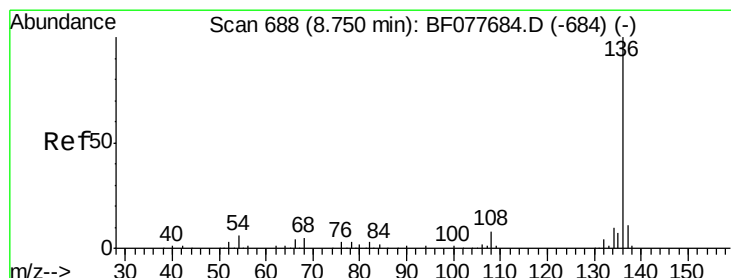
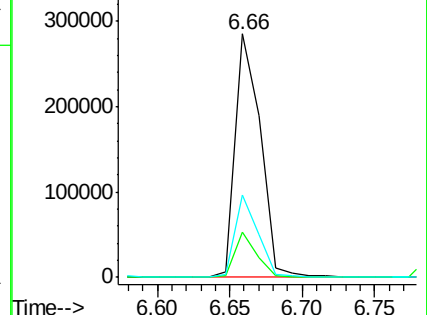
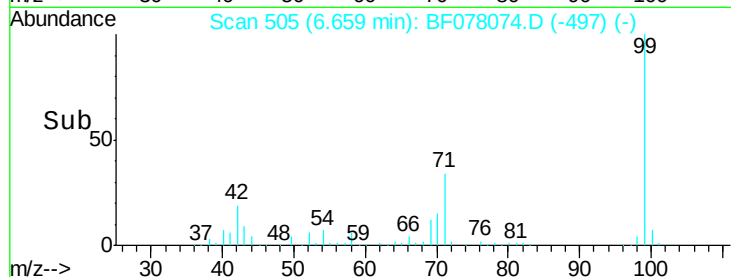
71 34.0 23.4 35.2



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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078074.D

Acq: 28 Mar 2015 11:14

Tgt Ion: 136 Resp: 150509

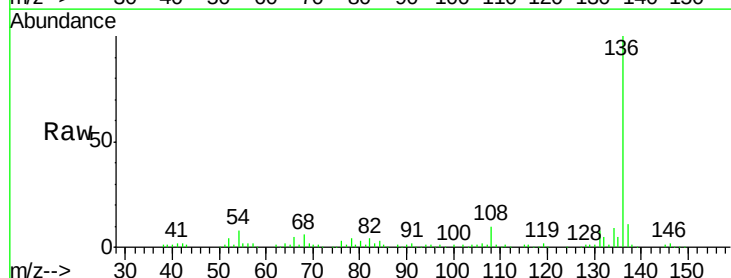
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.6 4.6 6.8#

68 6.3 3.7 5.5#

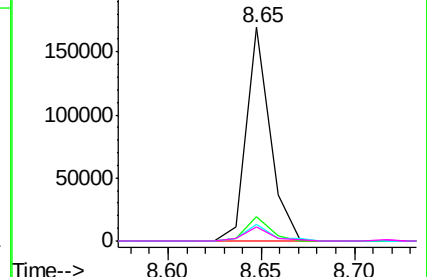
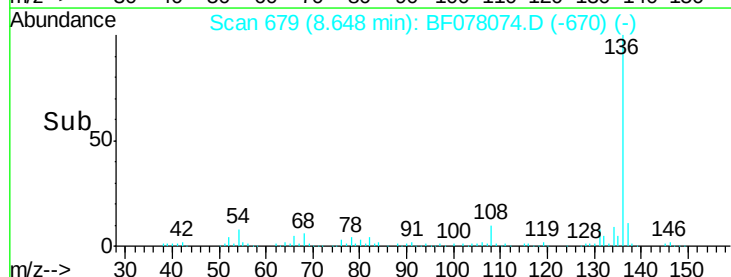


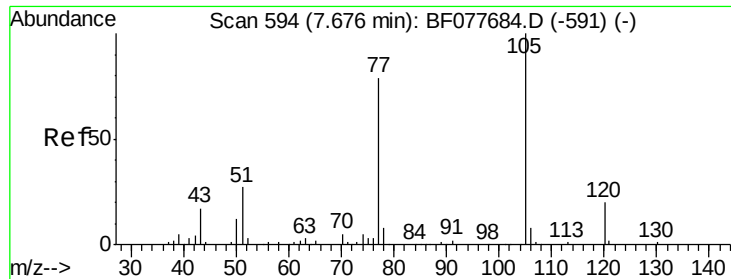
Abundance Ion 136.00 (135.70 to 136.70): E

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

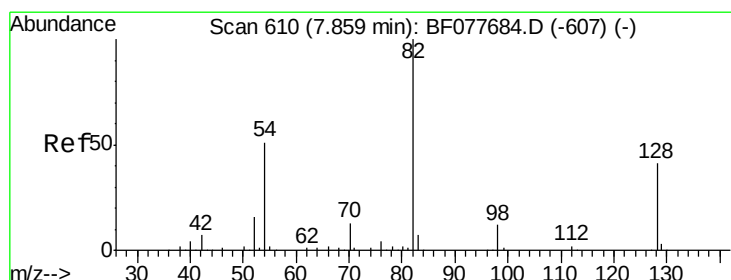
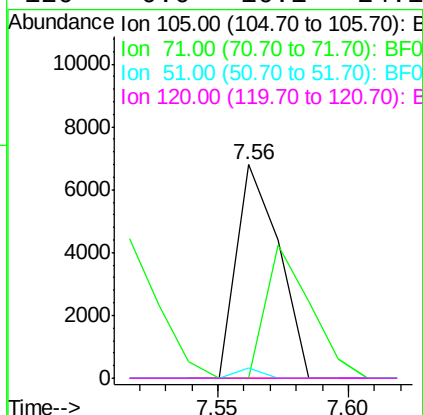
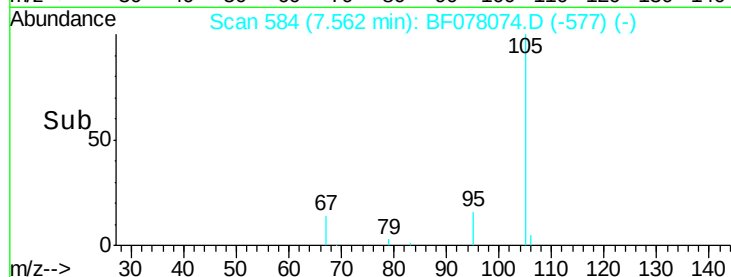
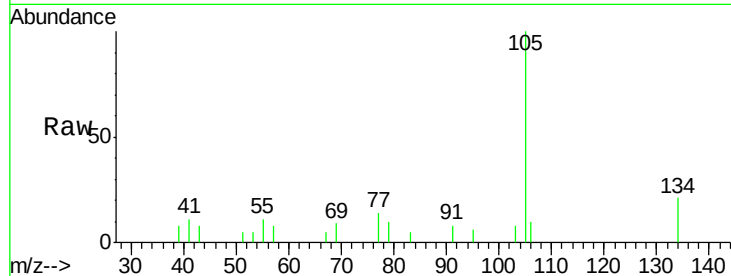




#22
Acetophenone
Concen: 2.31 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078074.D
Acq: 28 Mar 2015 11:14

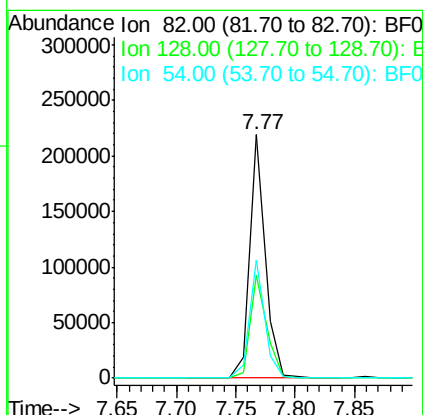
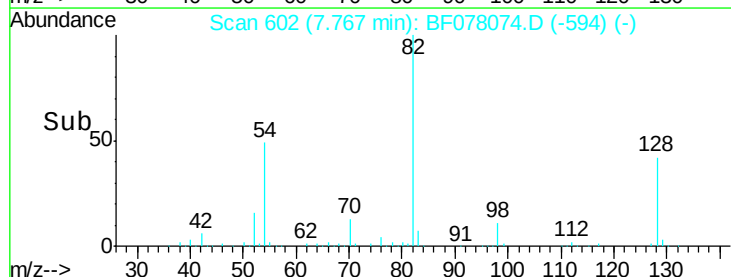
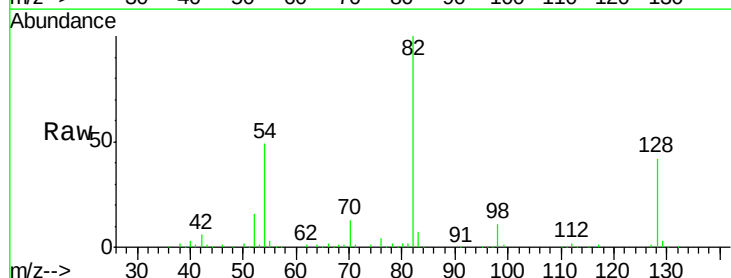
Instrument :
BNA_F
ClientSampleId :
PE-4(7.5-8)

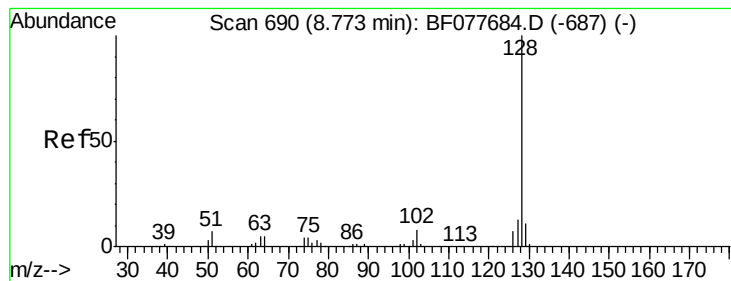
Tgt Ion:	105	Resp:	7690
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	5.0	21.6	32.4#
120	0.0	16.1	24.1#



#23
Nitrobenzene-d5
Concen: 88.59 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078074.D
Acq: 28 Mar 2015 11:14

Tgt Ion:	82	Resp:	203417
Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.8	49.2
54	48.8	40.6	60.8





#31

Naphthalene

Concen: 2.24 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF078074.D

Acq: 28 Mar 2015 11:14

Instrument :

BNA_F

ClientSampleId :

PE-4(7.5-8)

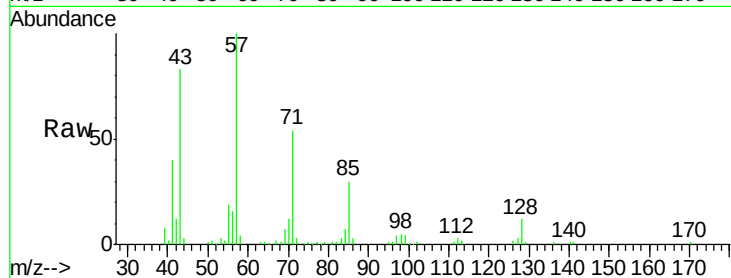
Tgt Ion:128 Resp: 17304

Ion Ratio Lower Upper

128 100

129 9.5 8.9 13.3

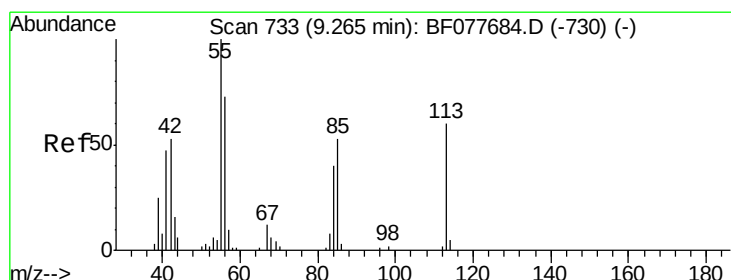
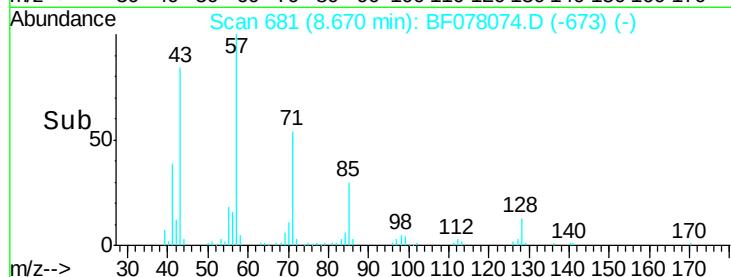
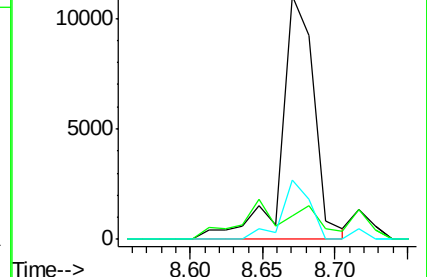
127 24.6 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#35

Caprolactam

Concen: 5.41 ng

RT: 9.22 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF078074.D

Acq: 28 Mar 2015 11:14

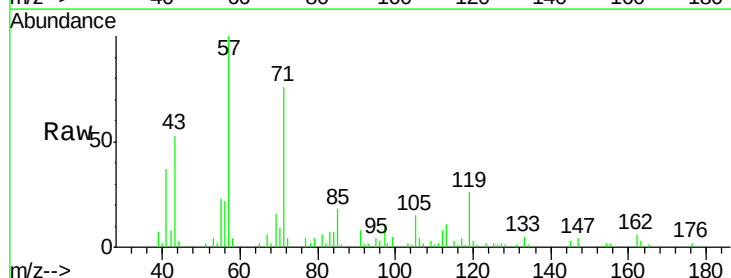
Tgt Ion:113 Resp: 3323

Ion Ratio Lower Upper

113 100

55 204.0 145.9 185.9#

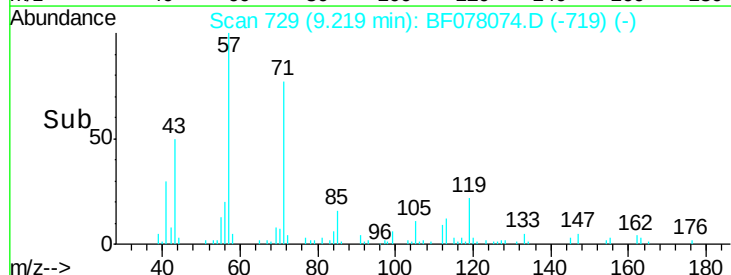
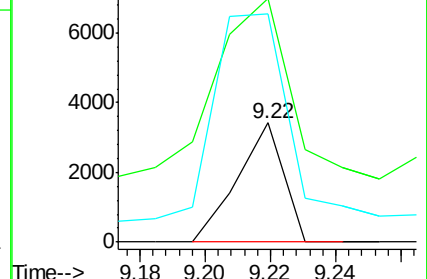
56 191.6 101.0 141.0#

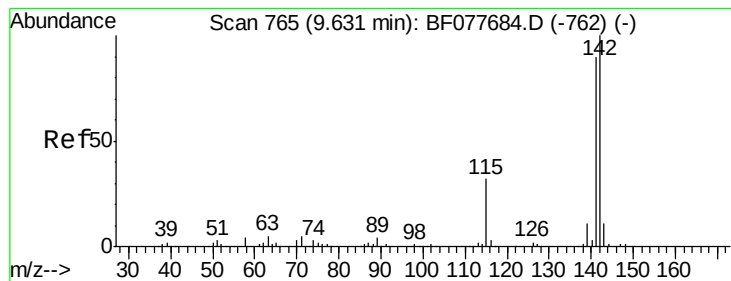


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

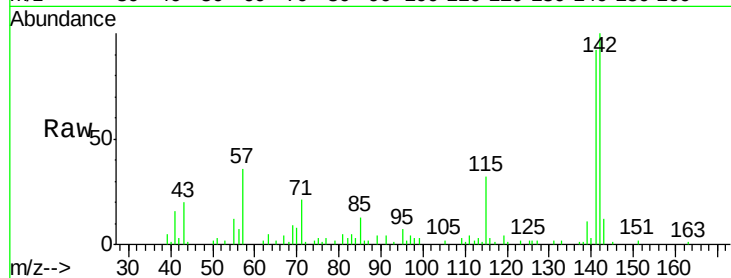




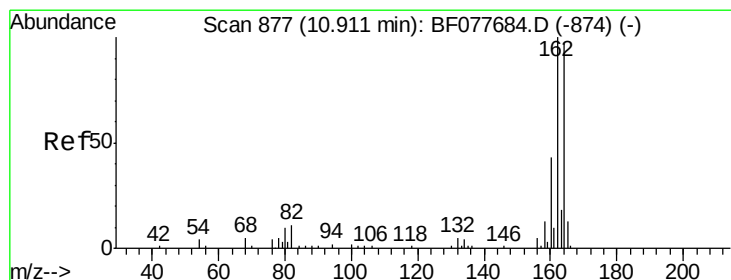
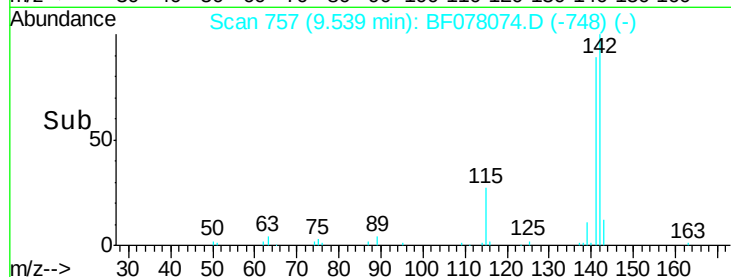
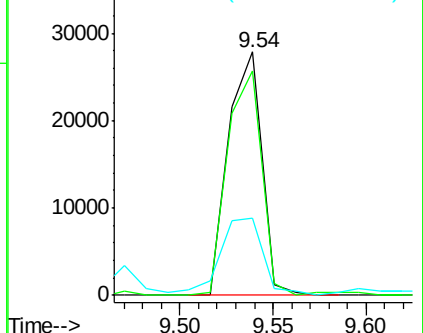
#37
 2-Methylnaphthalene
 Concen: 6.72 ng
 RT: 9.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF078074.D
 Acq: 28 Mar 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.5-8)

Tgt Ion:142 Resp: 34922
 Ion Ratio Lower Upper
 142 100
 141 92.3 71.9 107.9
 115 31.5 25.4 38.0

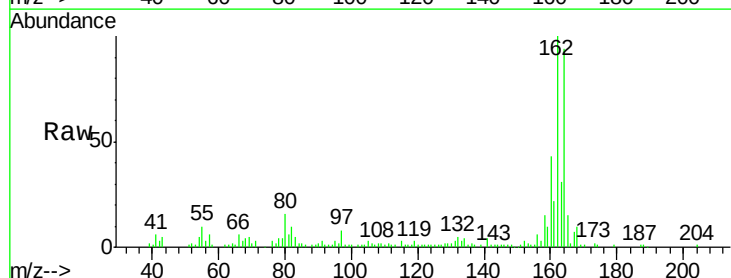


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

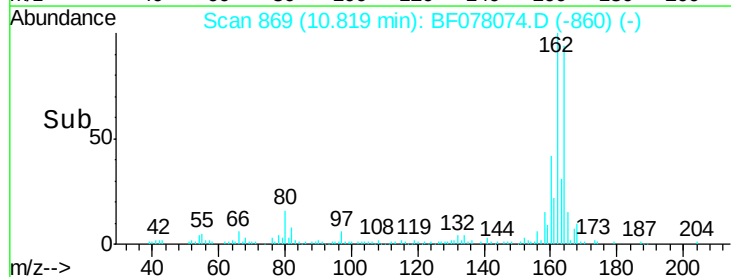
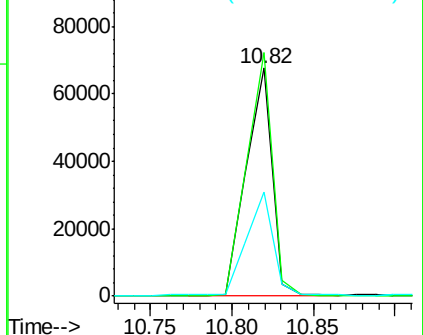


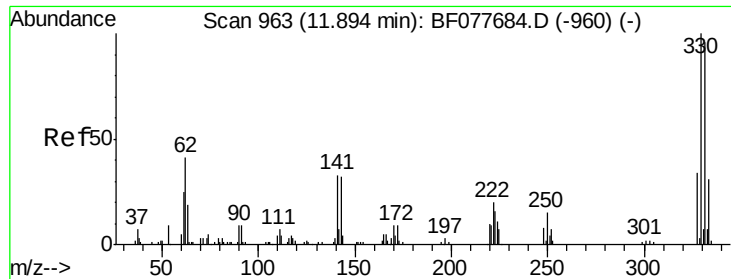
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078074.D
 Acq: 28 Mar 2015 11:14

Tgt Ion:164 Resp: 74116
 Ion Ratio Lower Upper
 164 100
 162 106.9 82.4 123.6
 160 45.9 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

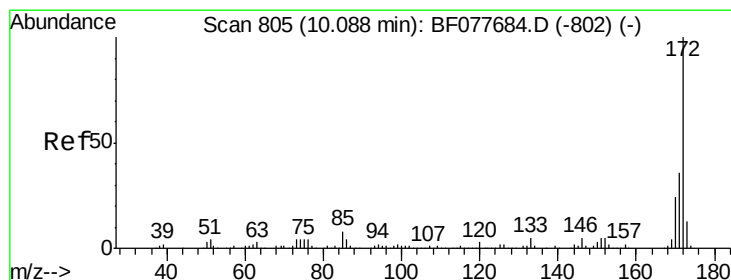
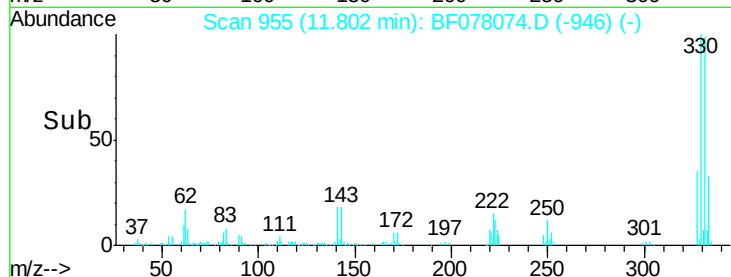
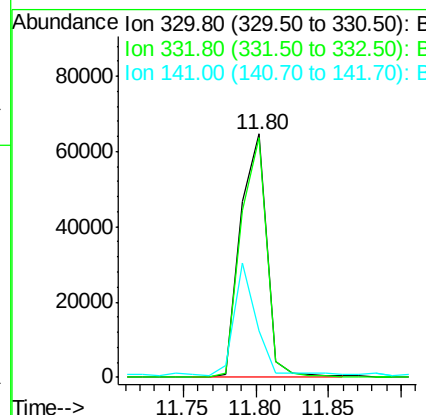
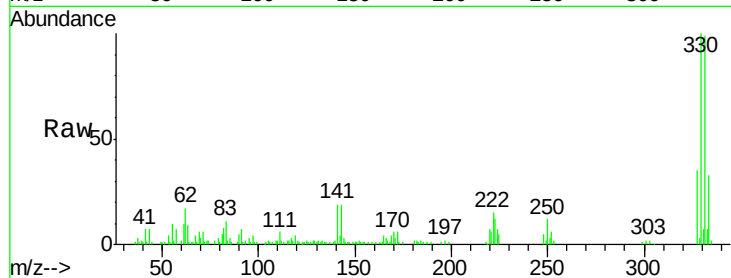




#41
 2,4,6-Tribromophenol
 Concen: 115.41 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078074.D
 Acq: 28 Mar 2015 11:14

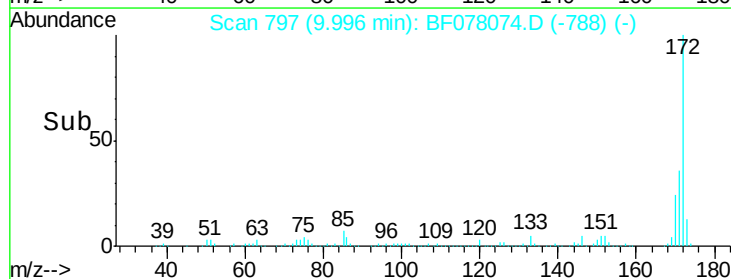
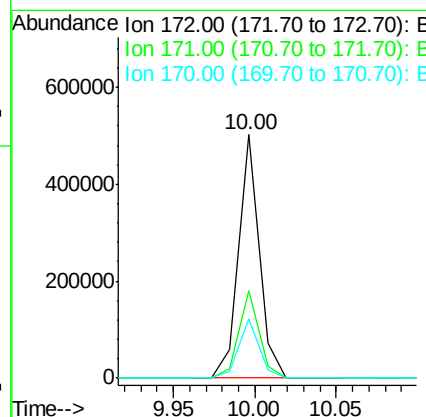
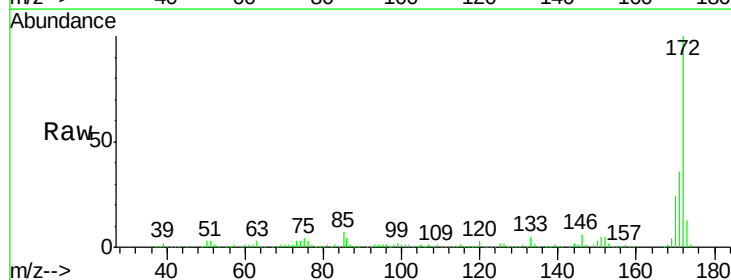
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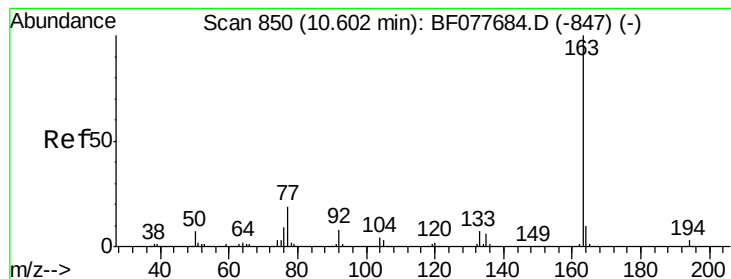
Tgt Ion:330 Resp: 81843
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 39.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 86.95 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078074.D
 Acq: 28 Mar 2015 11:14

Tgt Ion:172 Resp: 438489
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.3 18.8 28.2





#49

Dimethylphthalate

Concen: 2.21 ng

RT: 10.51 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078074.D

Acq: 28 Mar 2015 11:14

Instrument :

BNA_F

ClientSampleId :

PE-4(7.5-8)

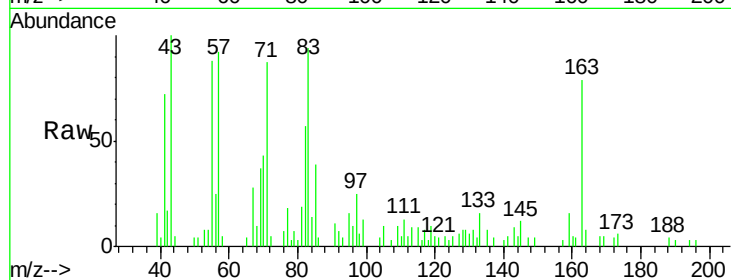
Tgt Ion:163 Resp: 12167

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

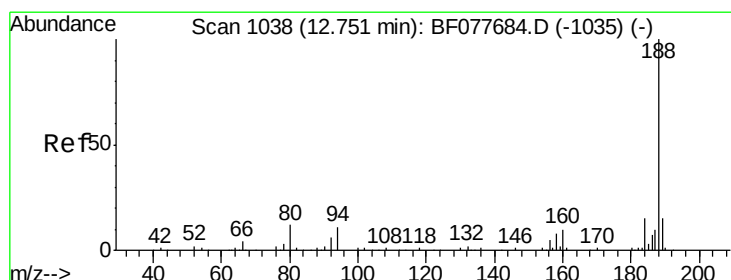
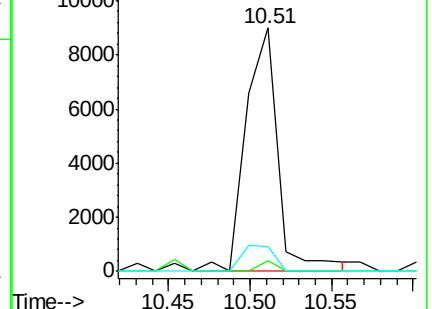
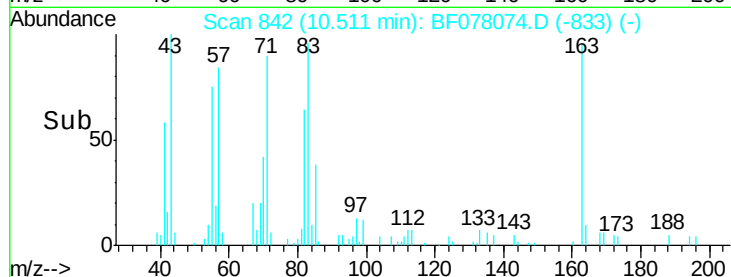
164 10.2 8.2 12.2



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: 12.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF078074.D

Acq: 28 Mar 2015 11:14

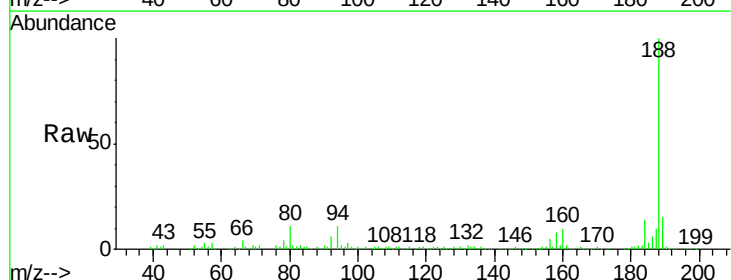
Tgt Ion:188 Resp: 146420

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

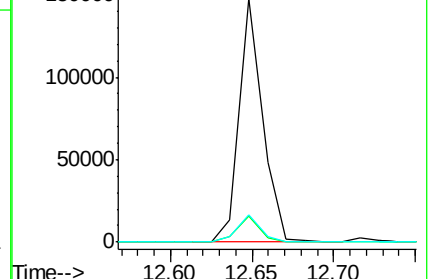
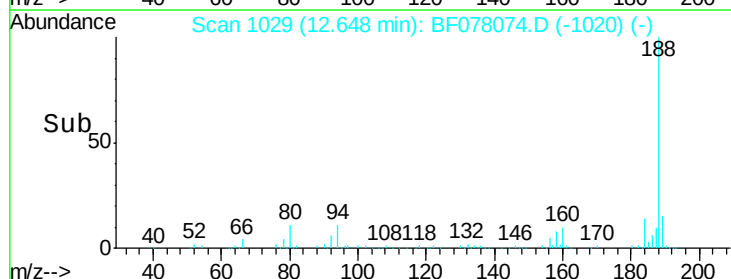
80 11.3 9.3 13.9

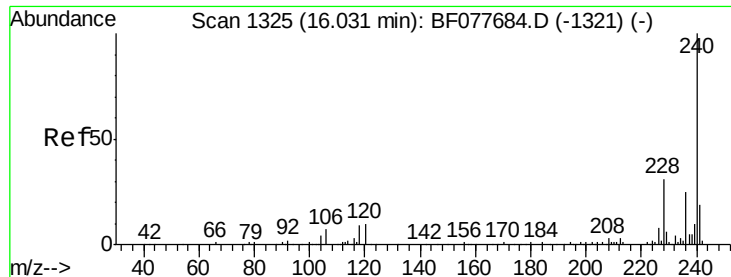


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

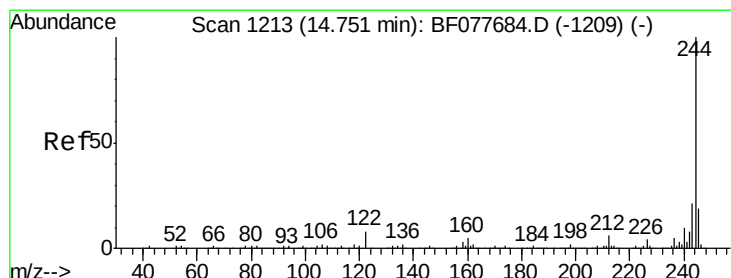
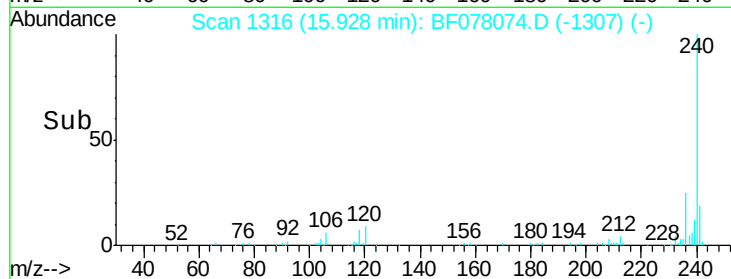
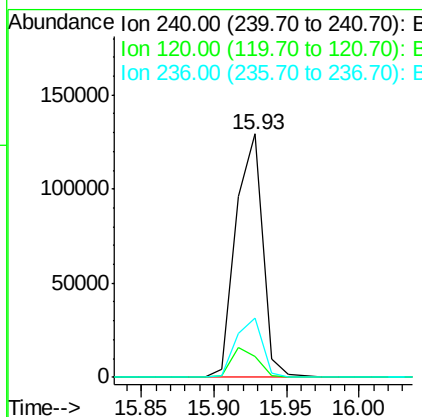
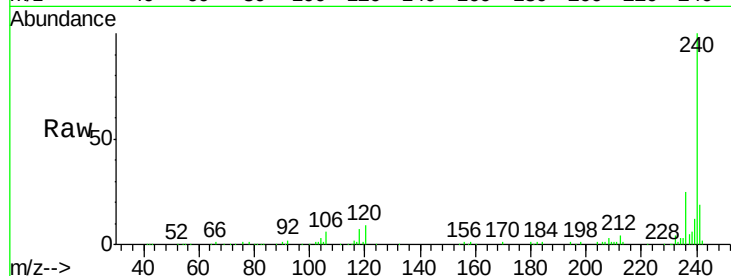




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF078074.D
 Acq: 28 Mar 2015 11:14

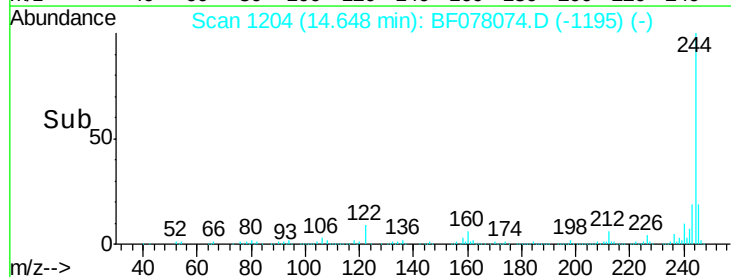
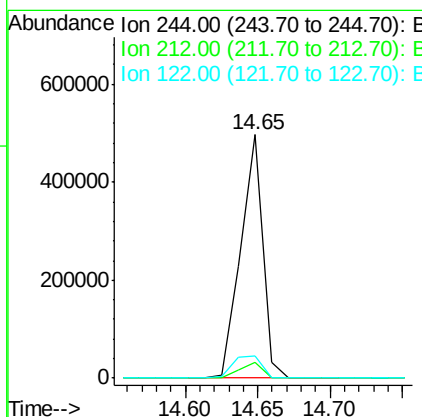
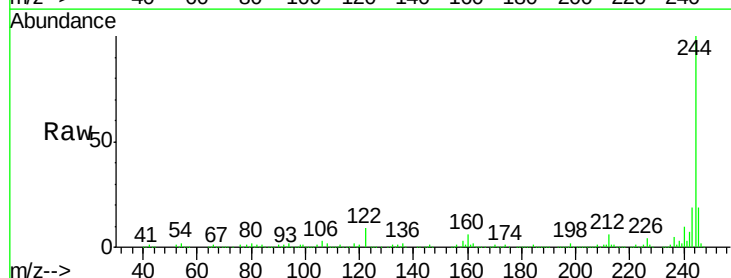
Instrument :
 BNA_F
 ClientSampleId :
 PE-4(7.5-8)

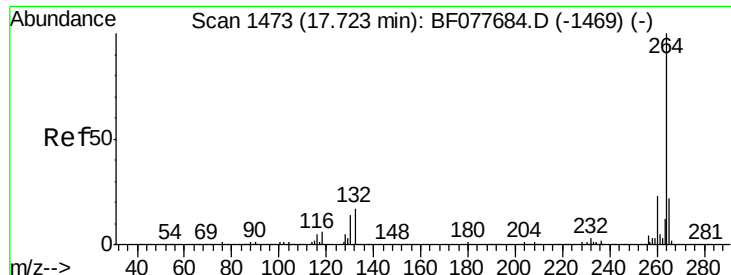
Tgt Ion: 240 Resp: 166153
 Ion Ratio Lower Upper
 240 100
 120 8.6 8.2 12.2
 236 24.6 20.0 30.0



#78
 Terphenyl-d14
 Concen: 77.43 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078074.D
 Acq: 28 Mar 2015 11:14

Tgt Ion: 244 Resp: 526671
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.9 7.3
 122 9.1 6.2 9.4

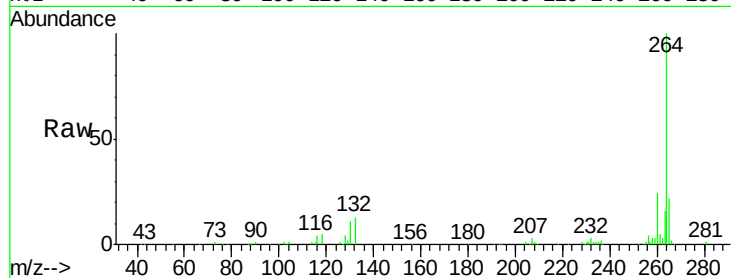




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.64 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF078074.D
Acq: 28 Mar 2015 11:14

Instrument :
BNA_F
ClientSampleId :
PE-4(7.5-8)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.6	17.3	25.9



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

